

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
 Data File : VU037242.D
 Acq On : 13 Mar 2020 15:17
 Operator : JC/MD
 Sample : L1891-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.510	44	53	75	rBV2	22996	73321	8.71%	0.666%
2	1.610	78	84	97	rVB	65005	75837	9.01%	0.689%
3	1.932	176	184	197	rVB	52090	71090	8.44%	0.646%
4	2.591	377	389	406	rBV	92431	149146	17.71%	1.355%
5	4.684	1023	1040	1079	rBV2	57753	179680	21.34%	1.632%
6	5.105	1154	1171	1197	rBV2	82184	190178	22.58%	1.727%
7	5.761	1355	1375	1398	rBV3	169443	431703	51.26%	3.921%
8	6.282	1523	1537	1556	rBV	163024	305987	36.33%	2.779%
9	6.726	1661	1675	1696	rBV	104723	202486	24.04%	1.839%
10	7.594	1934	1945	1967	rBV	48433	84215	10.00%	0.765%
11	7.925	2034	2048	2065	rBV	204779	355908	42.26%	3.232%
12	8.205	2123	2135	2148	rBV2	31379	53397	6.34%	0.485%
13	8.661	2263	2277	2316	rBV	235932	453415	53.84%	4.118%
14	8.816	2316	2325	2341	rVB3	13875	23478	2.79%	0.213%
15	9.185	2429	2440	2449	rBV3	22645	35586	4.23%	0.323%
16	9.237	2449	2456	2468	rVB5	6486	10176	1.21%	0.092%
17	9.439	2506	2519	2538	rBV	235207	393300	46.70%	3.572%
18	9.587	2554	2565	2574	rBV4	24089	44973	5.34%	0.408%
19	9.648	2574	2584	2592	rVV2	46572	78604	9.33%	0.714%
20	9.693	2592	2598	2606	rVV5	18823	30944	3.67%	0.281%
21	9.735	2606	2611	2619	rVV4	9524	15238	1.81%	0.138%
22	10.060	2694	2712	2730	rBV5	49491	130124	15.45%	1.182%
23	10.288	2779	2783	2791	rVB4	12566	16387	1.95%	0.149%
24	10.378	2802	2811	2831	rVB4	22007	65700	7.80%	0.597%
25	10.481	2831	2843	2853	rVB3	22579	38512	4.57%	0.350%
26	10.568	2856	2870	2878	rBV10	12350	31367	3.72%	0.285%
27	10.642	2885	2893	2895	rBV5	16694	20131	2.39%	0.183%
28	10.719	2908	2917	2925	rBV6	32428	61072	7.25%	0.555%
29	10.774	2925	2934	2943	rVV3	107842	197654	23.47%	1.795%
30	10.828	2944	2951	2968	rVB8	58605	113744	13.51%	1.033%
31	10.970	2984	2995	3003	rBV5	25031	49565	5.89%	0.450%
32	11.028	3004	3013	3021	rBV7	28215	57719	6.85%	0.524%
33	11.079	3021	3029	3038	rVV3	55416	88693	10.53%	0.805%
34	11.205	3058	3068	3077	rBV5	31094	56166	6.67%	0.510%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

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 Peak separation: 5

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 Title : TRACE VOA SOM01.0

35	11.256	3077	3084	3090	rBV4	12651	17165	2.04%	0.156%
36	11.324	3090	3105	3117	rBV7	66005	154737	18.37%	1.405%
37	11.391	3118	3126	3131	rBV5	26894	41825	4.97%	0.380%
38	11.430	3131	3138	3147	rVB2	76212	110056	13.07%	1.000%
39	11.488	3148	3156	3157	rBV6	14538	18696	2.22%	0.170%
40	11.510	3159	3163	3178	rVB6	47973	97203	11.54%	0.883%
41	11.587	3178	3187	3191	rBV4	30839	47626	5.66%	0.433%
42	11.619	3193	3197	3201	rVV4	13787	16975	2.02%	0.154%
43	11.655	3203	3208	3220	rVB6	32985	52625	6.25%	0.478%
44	11.725	3221	3230	3238	rBV3	80788	125559	14.91%	1.140%
45	11.828	3252	3262	3274	rBV2	267513	490485	58.24%	4.454%
46	11.886	3275	3280	3286	rVV4	43161	53255	6.32%	0.484%
47	11.925	3286	3292	3301	rVV5	52041	72175	8.57%	0.655%
48	12.012	3314	3319	3337	rVB4	71744	137108	16.28%	1.245%
49	12.201	3367	3378	3393	rBV2	421888	842137	100.00%	7.648%
50	12.343	3413	3422	3432	rBV3	204540	319483	37.94%	2.901%
51	12.397	3433	3439	3453	rVB6	69728	152673	18.13%	1.387%
52	12.513	3464	3475	3479	rBV7	51078	99894	11.86%	0.907%
53	12.687	3524	3529	3536	rVB4	44350	59917	7.11%	0.544%
54	12.770	3548	3555	3566	rVB5	59484	103988	12.35%	0.944%
55	12.854	3571	3581	3596	rVB5	247676	455055	54.04%	4.133%
56	12.951	3602	3611	3616	rBV2	120164	197809	23.49%	1.796%
57	13.031	3630	3636	3641	rBV4	49406	73451	8.72%	0.667%
58	13.073	3641	3649	3660	rVB3	261888	406056	48.22%	3.688%
59	13.156	3667	3675	3685	rVB5	97754	168149	19.97%	1.527%
60	13.224	3690	3696	3711	rVB8	37715	87222	10.36%	0.792%
61	13.465	3761	3771	3791	rVB7	272092	679823	80.73%	6.174%
62	13.555	3792	3799	3809	rVB4	71006	113288	13.45%	1.029%
63	13.635	3811	3824	3832	rBV8	186691	514871	61.14%	4.676%
64	13.754	3855	3861	3874	rVB6	71175	125467	14.90%	1.139%
65	13.877	3892	3899	3910	rBV5	48637	100418	11.92%	0.912%
66	13.986	3927	3933	3935	rBV4	44922	50935	6.05%	0.463%
67	14.079	3955	3962	3975	rVB6	79569	204333	24.26%	1.856%
68	14.153	3979	3985	3997	rVB5	92663	170255	20.22%	1.546%
69	14.491	4082	4090	4098	rBV2	174433	245331	29.13%	2.228%
70	15.002	4245	4249	4263	rVB	129143	195290	23.19%	1.774%
71	16.600	4741	4746	4760	rVB	13726	24192	2.87%	0.220%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Title : TRACE VOA SOM01.0

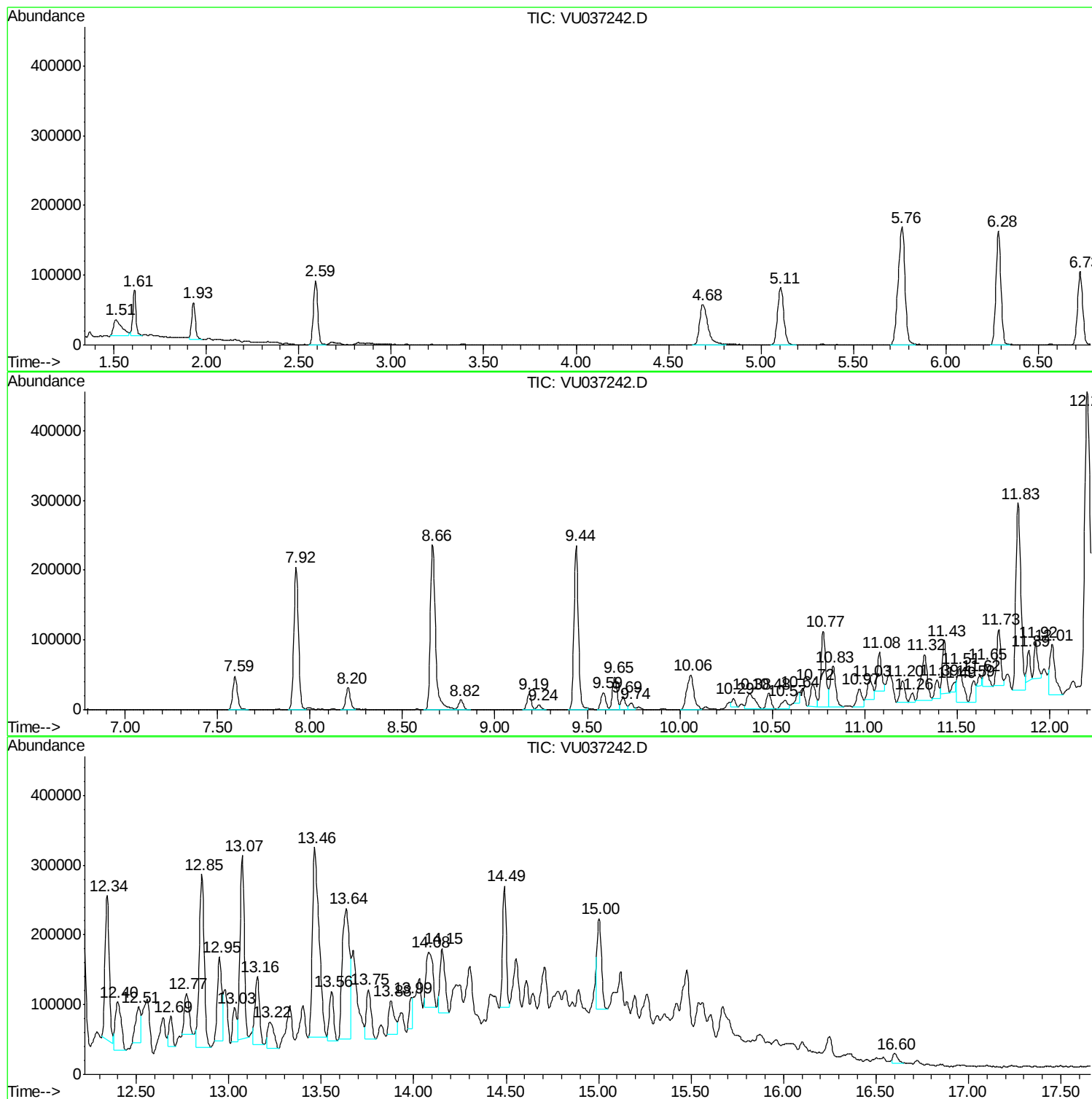
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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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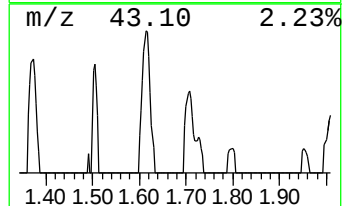
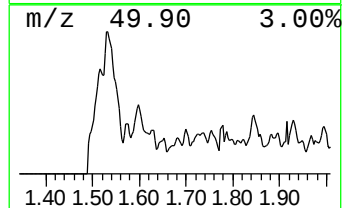
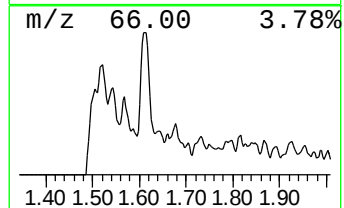
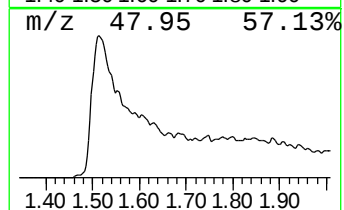
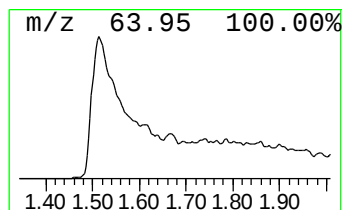
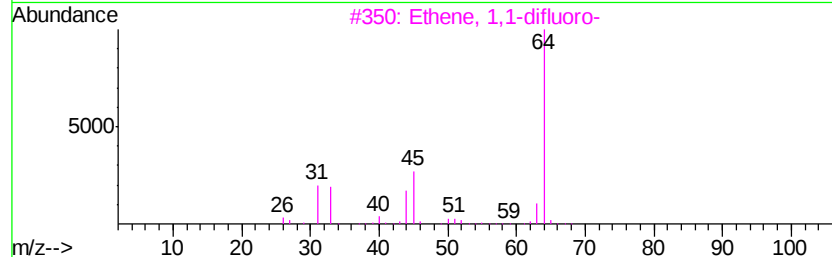
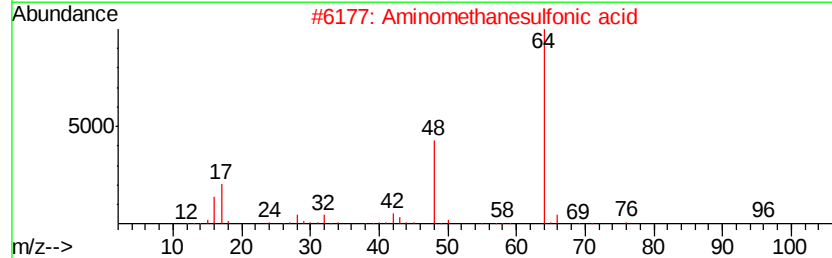
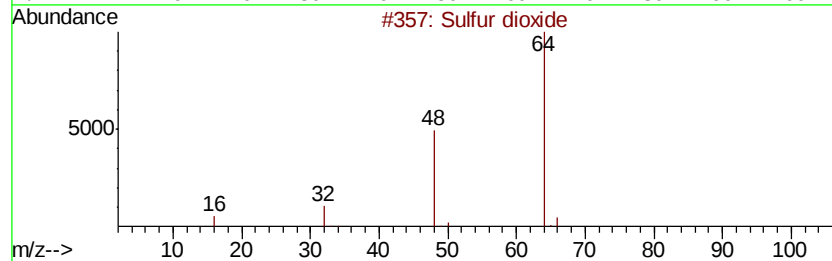
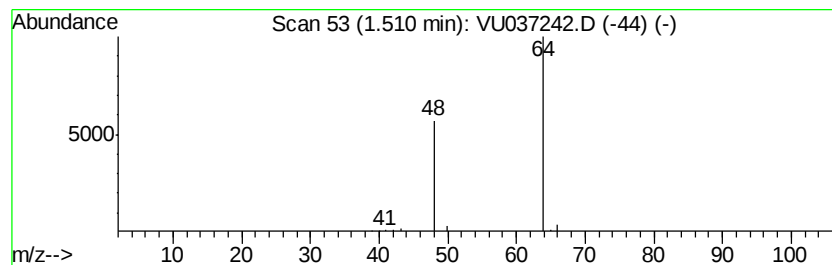
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Sulfur dioxide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.51	1.20 ug/L	73321	1,4-Difluorobenzene	6.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfur dioxide	64	O2S	007446-09-5	90
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	4
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	4



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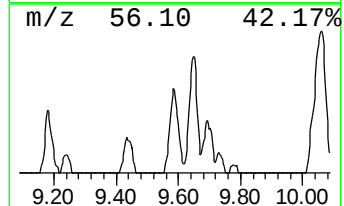
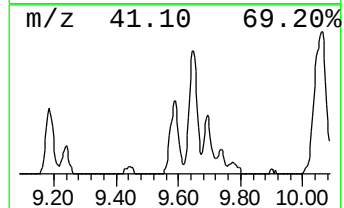
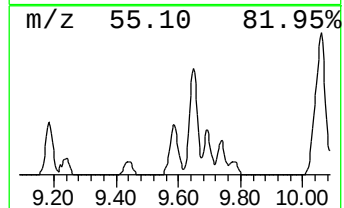
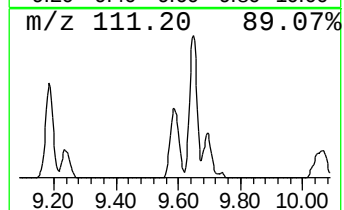
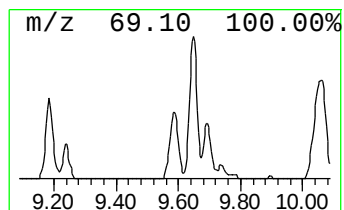
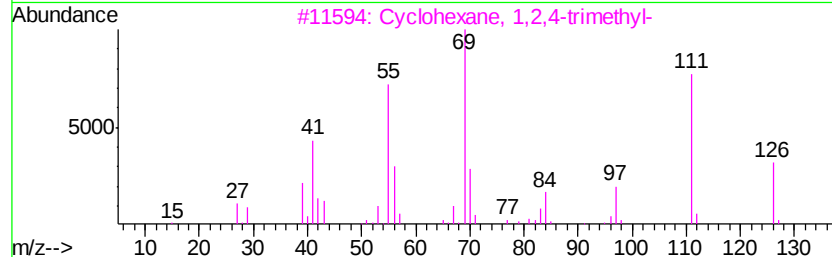
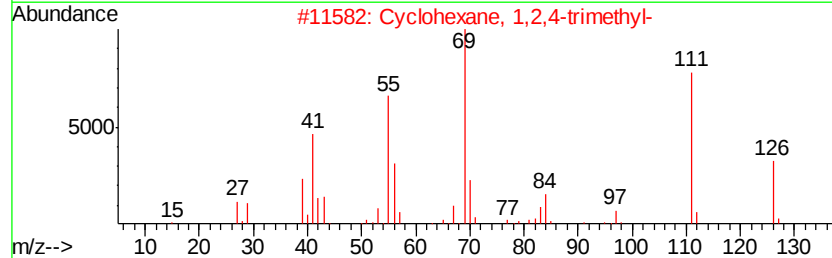
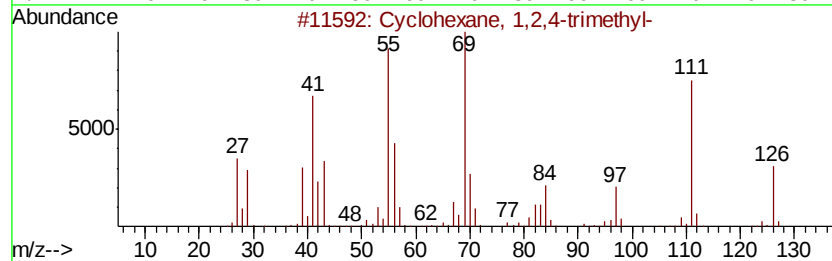
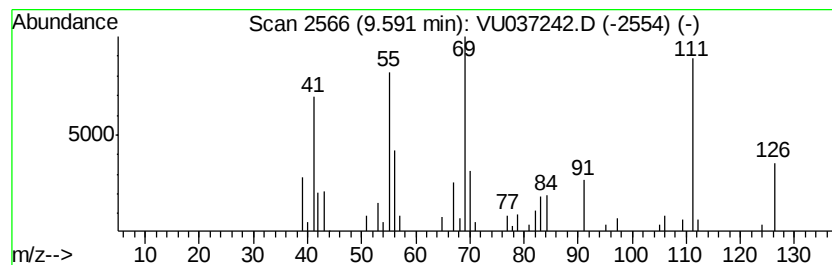
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic9.59 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	0.57 ug/L	44973	Chlorobenzene-d5	9.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
5		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	68



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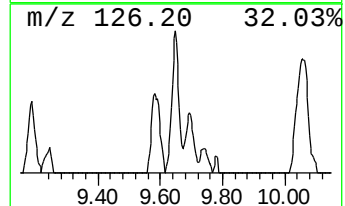
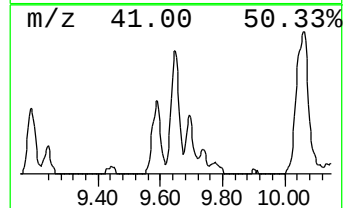
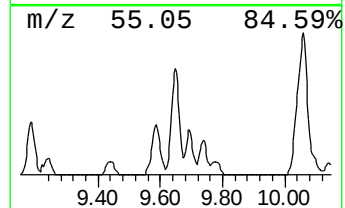
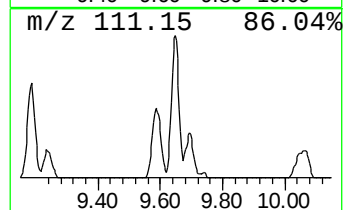
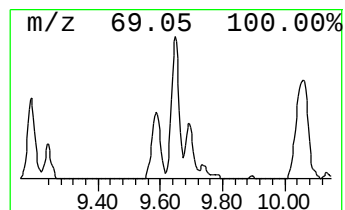
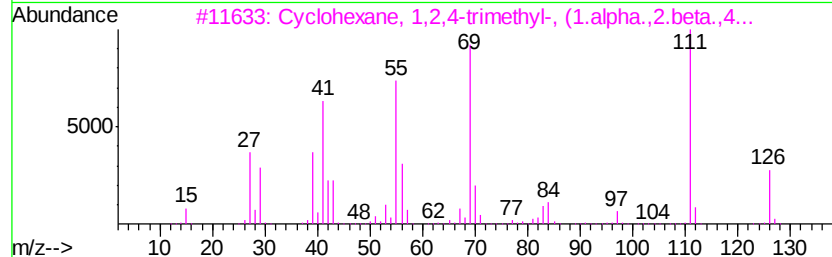
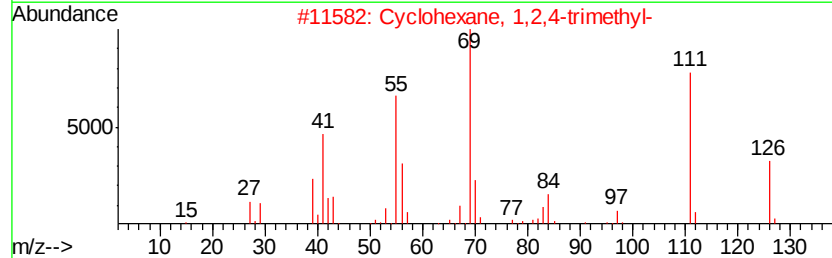
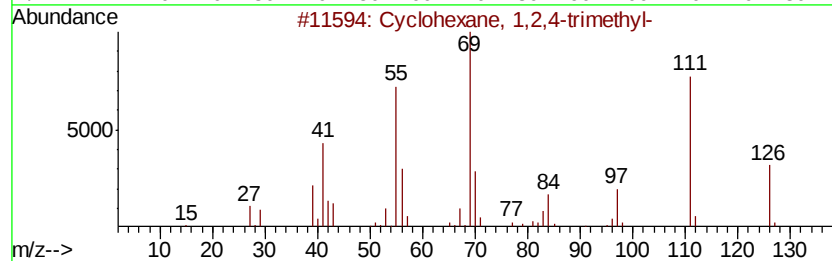
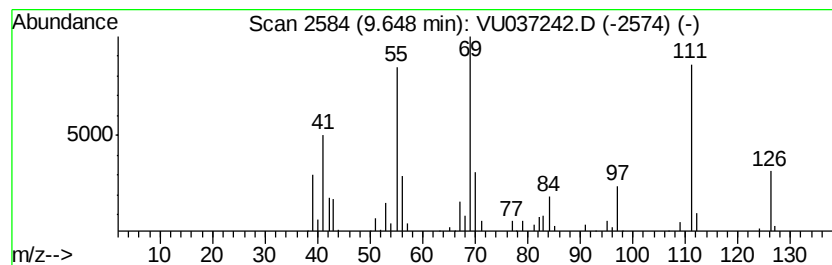
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic9.65 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.65	1.00 ug/L	78604	Chlorobenzene-d5	9.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	96
2	Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	94
3	Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
4	Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87



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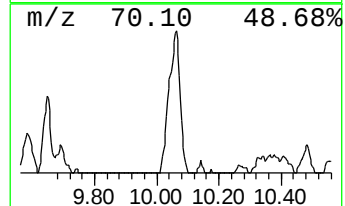
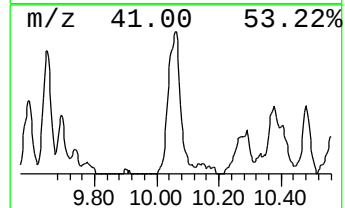
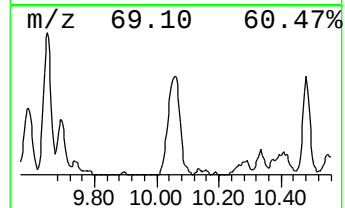
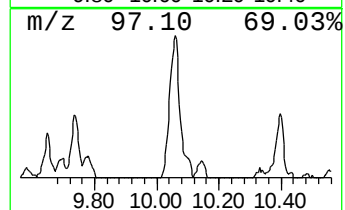
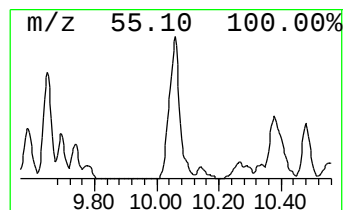
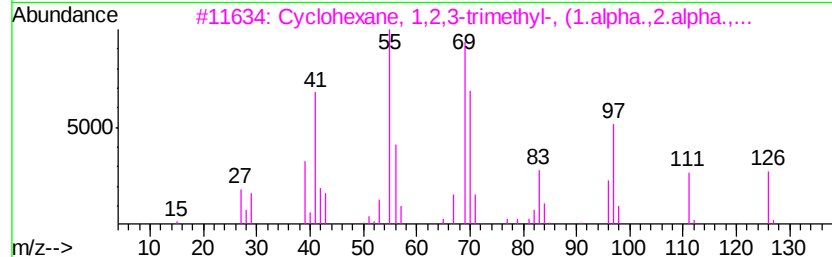
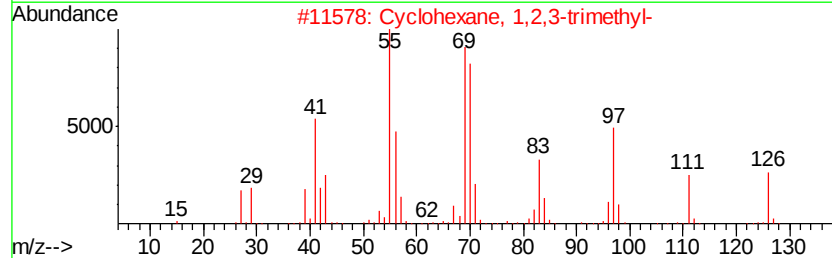
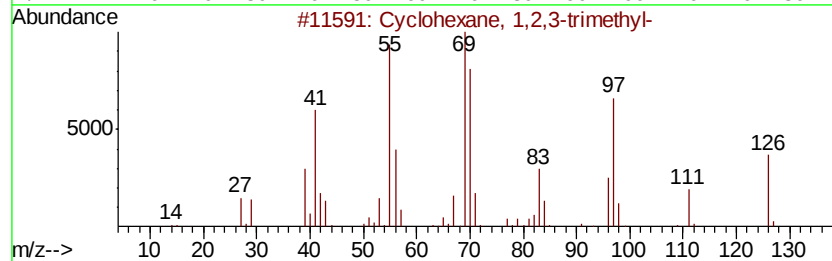
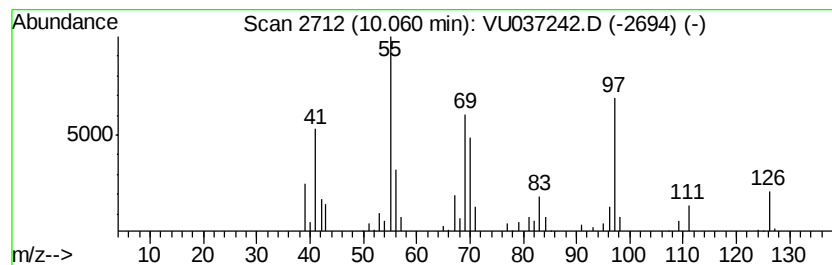
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ClientSampleId :
DBER6

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic10.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.06	1.65 ug/L	130124	Chlorobenzene-d5	9.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	94
2	Cvclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	94
3	Cvclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	94
4	Cvclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	93
5	Cvclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

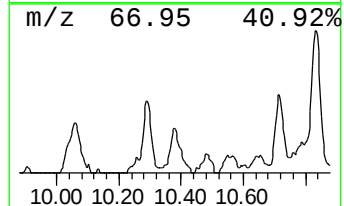
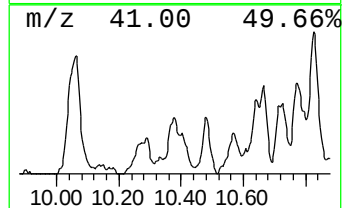
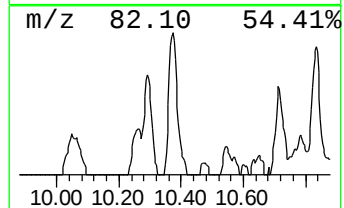
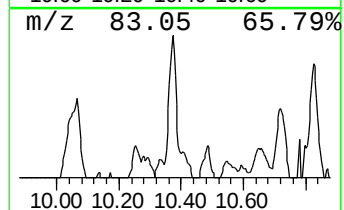
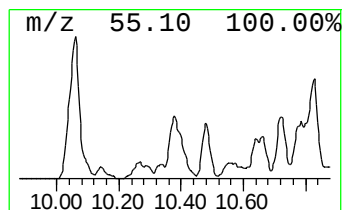
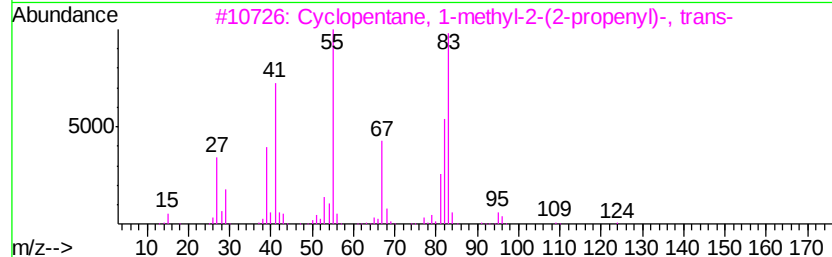
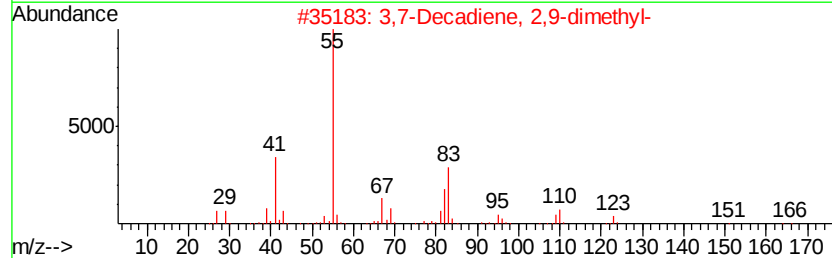
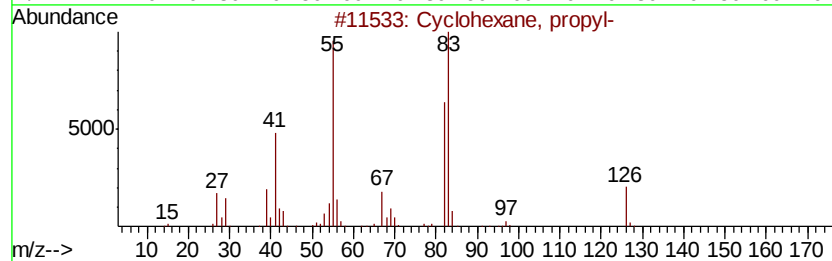
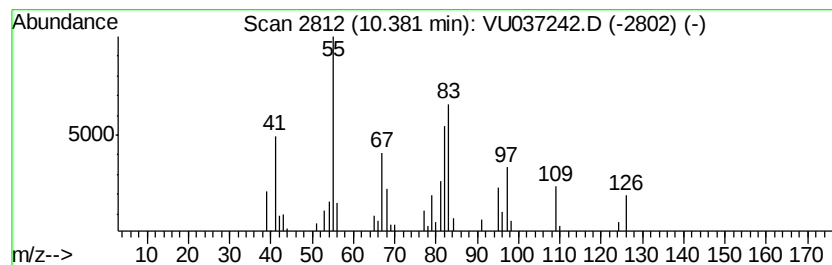
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic10.38 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.38	0.84 ug/L	65700	Chlorobenzene-d5	9.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, propyl-	126	C9H18	001678-92-8	60
2		3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	53
3		Cvclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	50
4		Cvclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

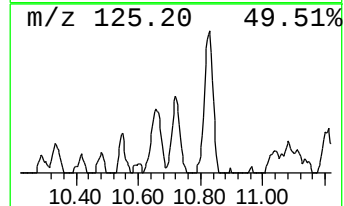
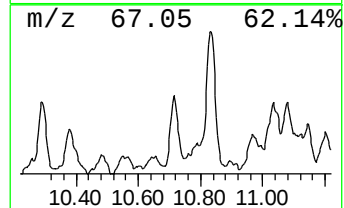
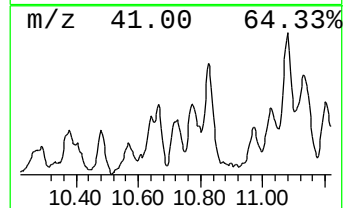
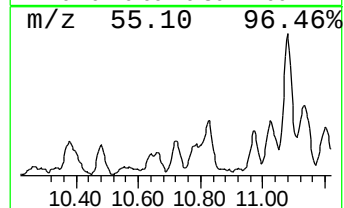
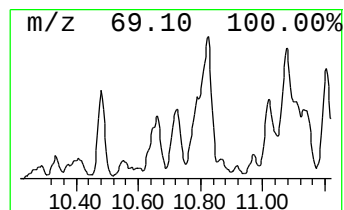
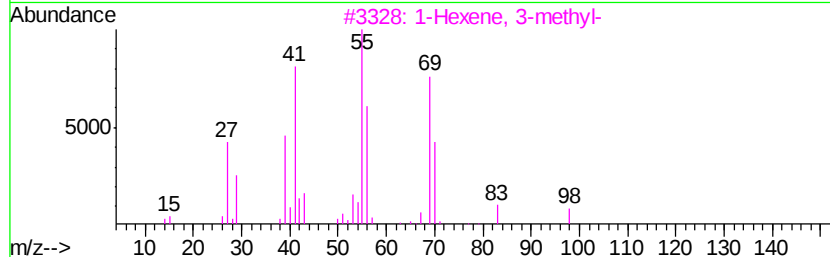
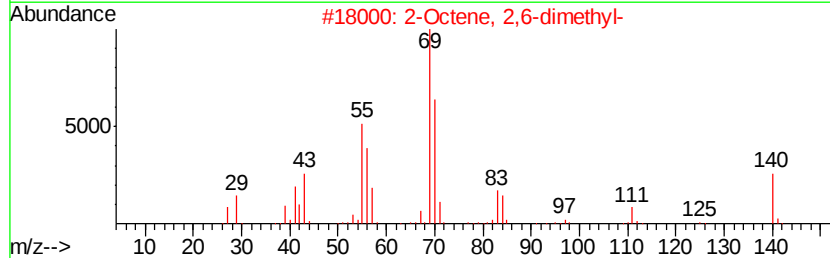
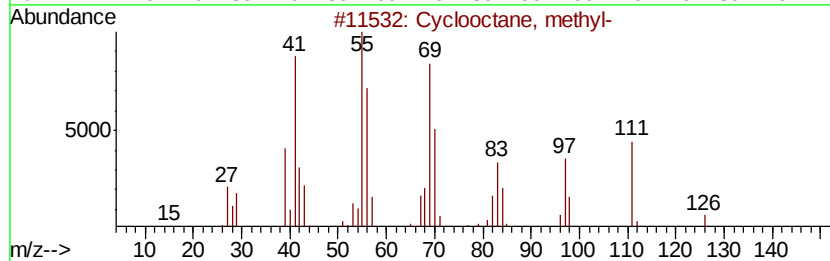
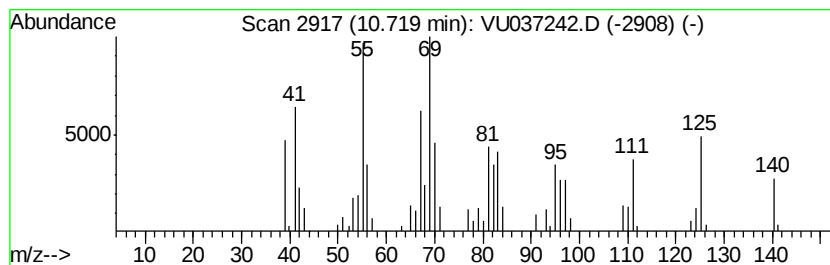
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic10.72 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	0.62 ug/L	61072	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	46
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5	Cyclodecane	140	C10H20	000293-96-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

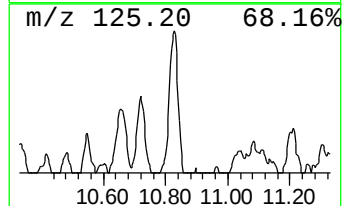
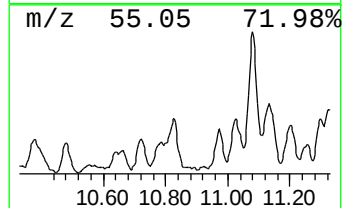
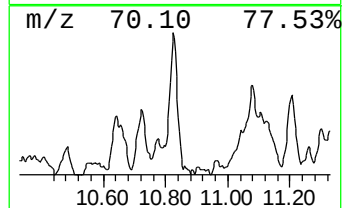
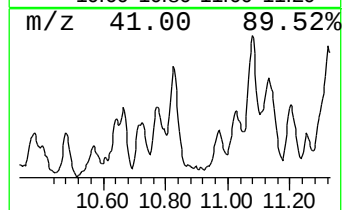
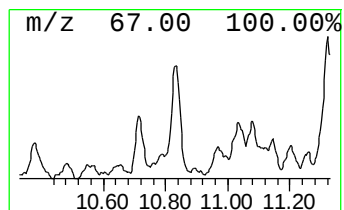
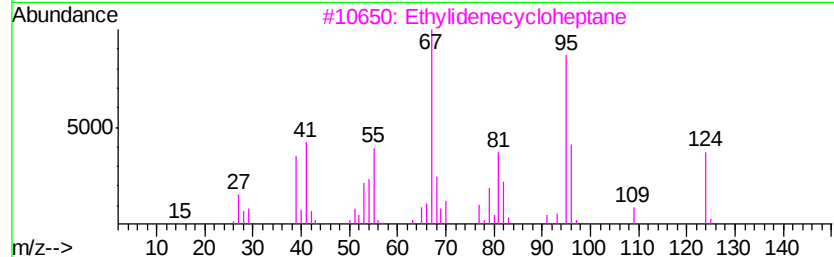
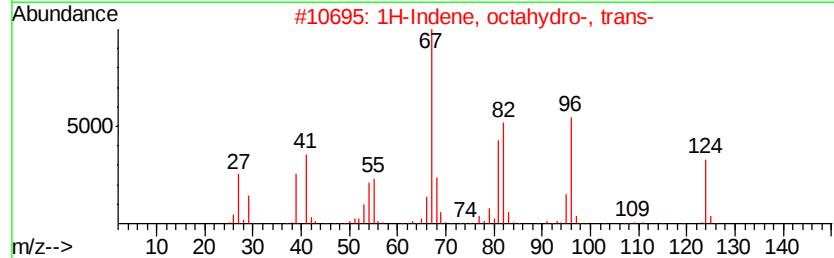
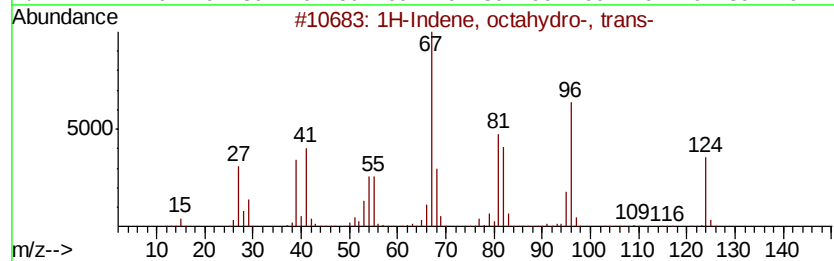
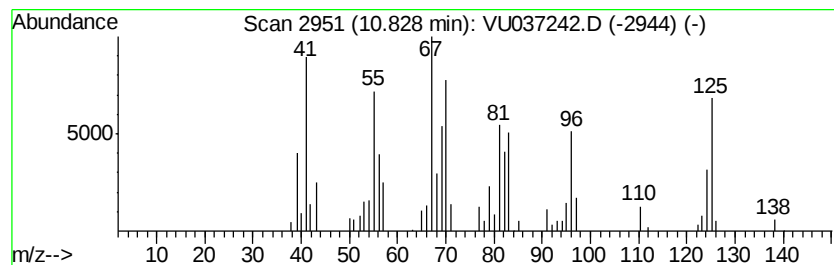
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	1.16 ug/L	113744	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
2		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
3		Ethylidenecycloheptane	124	C9H16	010494-87-8	38
4		trans,trans-2,8-Decadiene	138	C10H18	019398-85-7	30
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

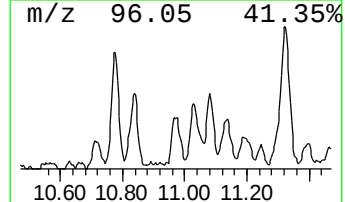
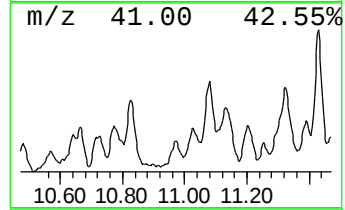
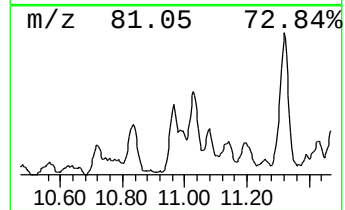
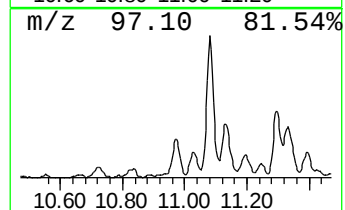
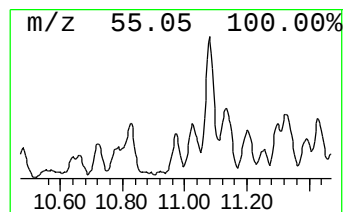
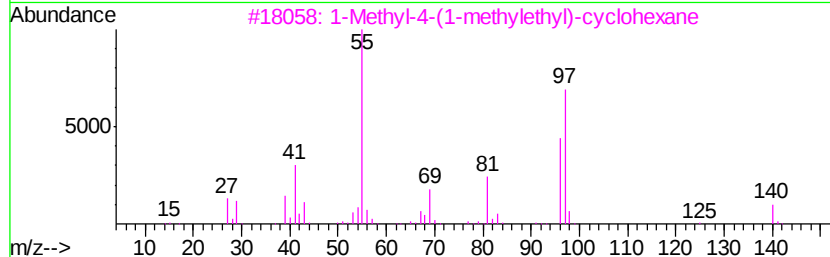
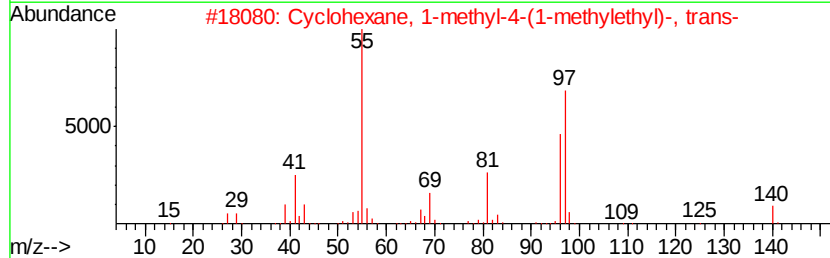
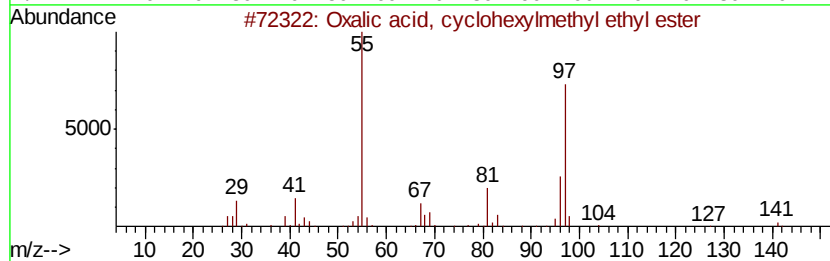
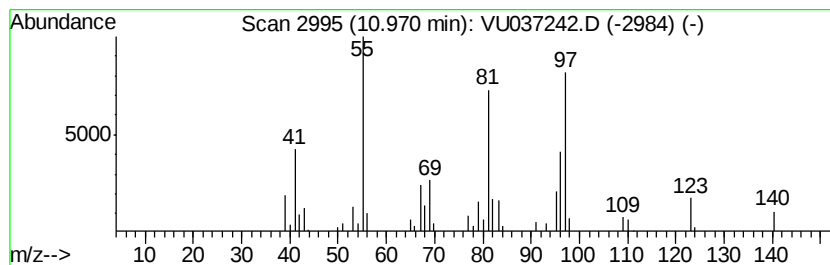
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Oxalic acid, cyclohexylmeth... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.97	0.51 ug/L	49565	1,4-Dichlorobenzene-d4	11.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cvclohexvlmethvl et...	214	C11H18O4		1000309-68-0	72
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20		001678-82-6	64
3	1-Methyl-4-(1-methylethvl)-cvclo...	140	C10H20		000099-82-1	64
4	1-Methyl-4-(1-methylethvl)-cvclo...	140	C10H20		000099-82-1	64
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20		006069-98-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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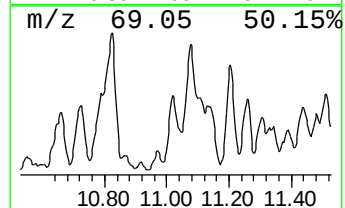
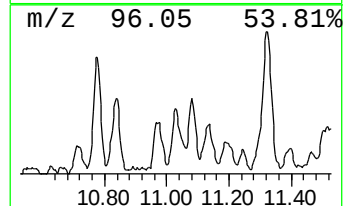
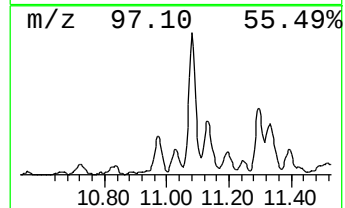
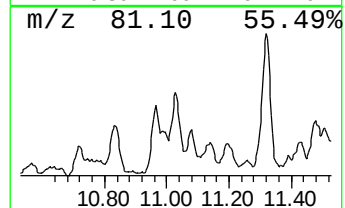
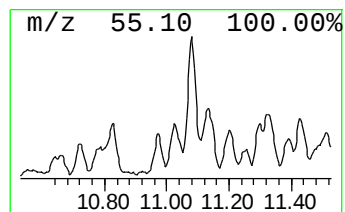
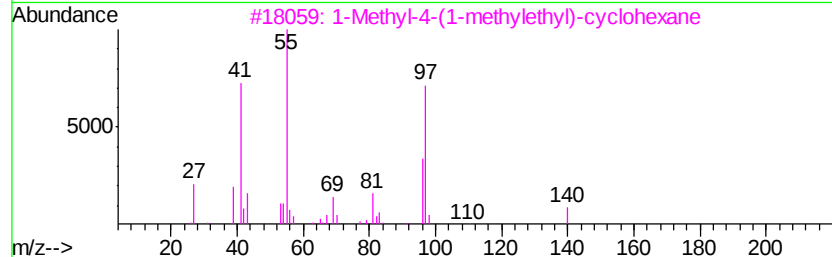
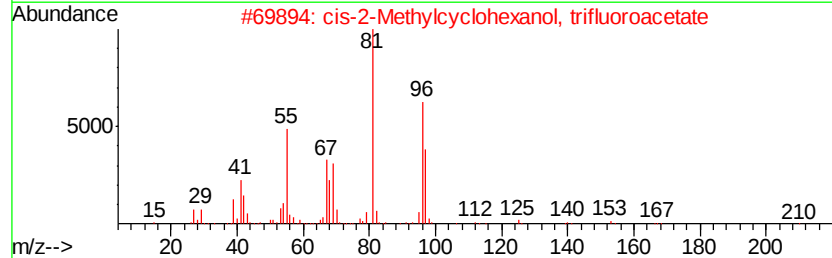
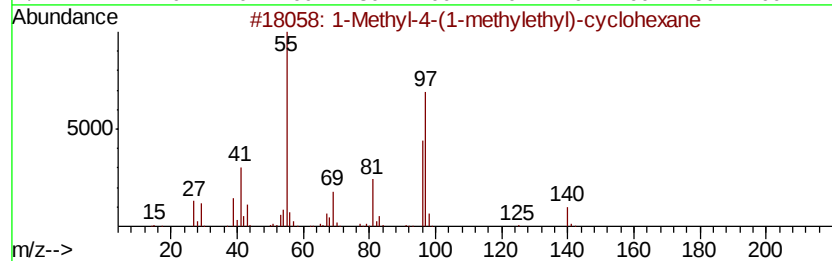
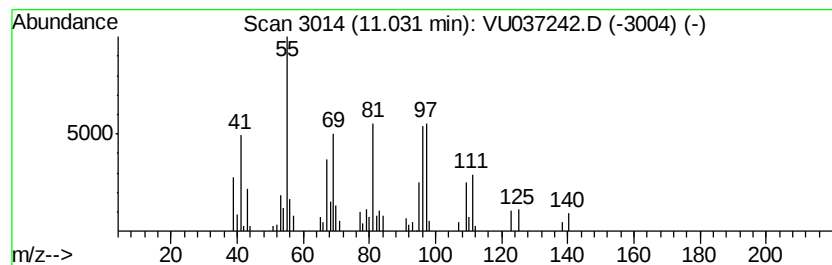
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	0.59 ug/L	57719	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
2		cis-2-Methylcyclohexanol, triflu...	210	C9H13F3O2	1000364-12-3	43
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43
4		Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	38
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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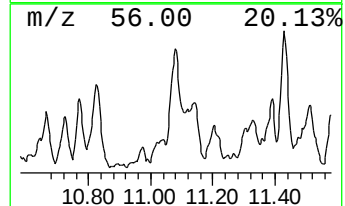
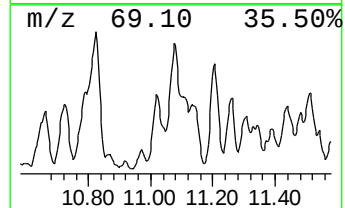
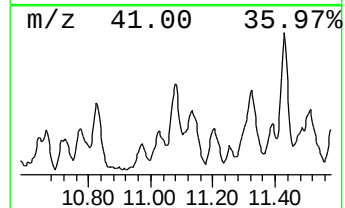
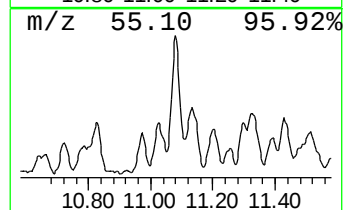
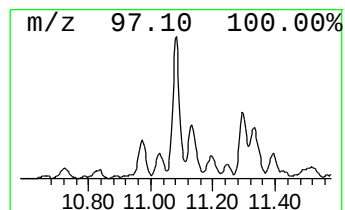
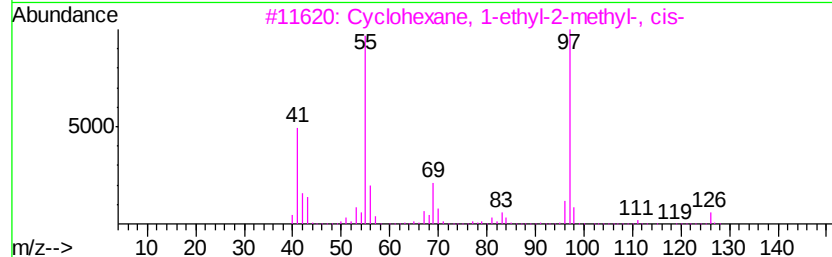
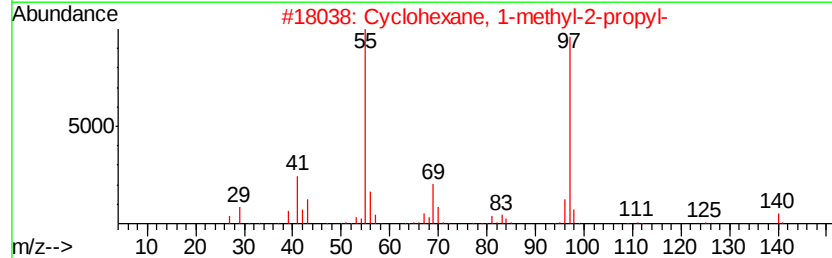
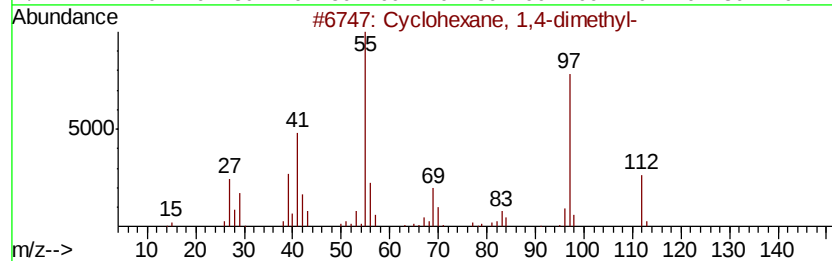
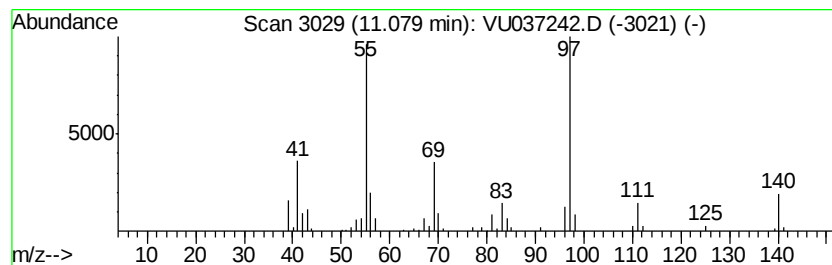
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic11.08 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	0.90 ug/L	88693	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
5			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

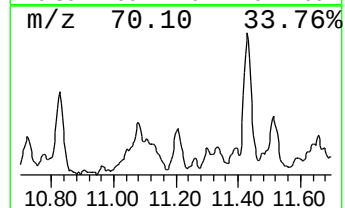
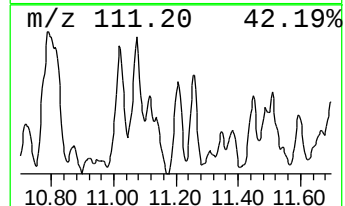
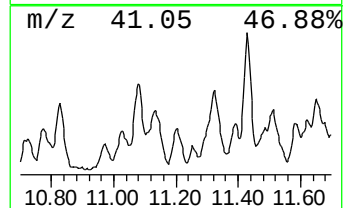
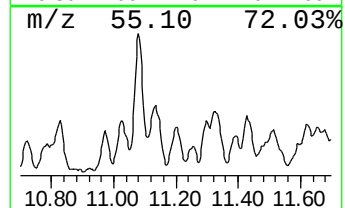
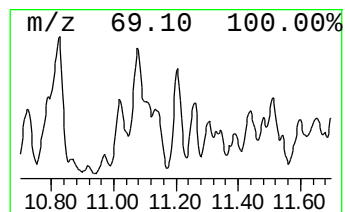
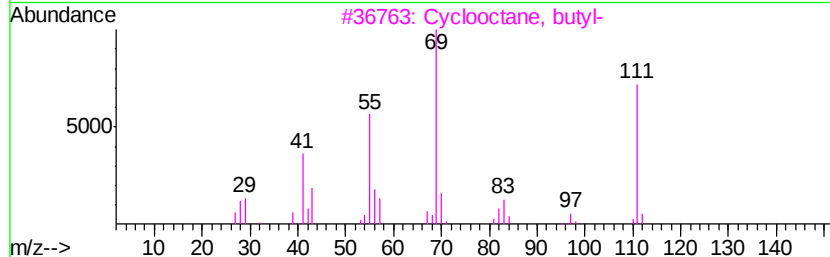
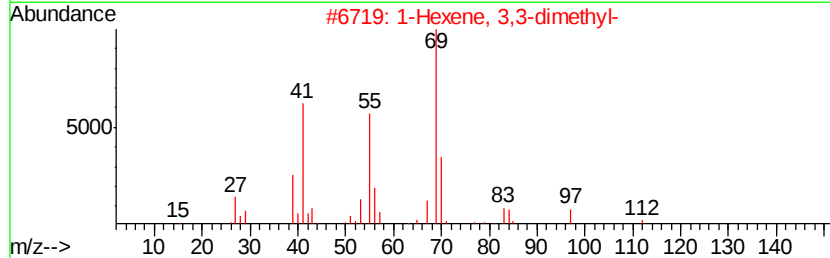
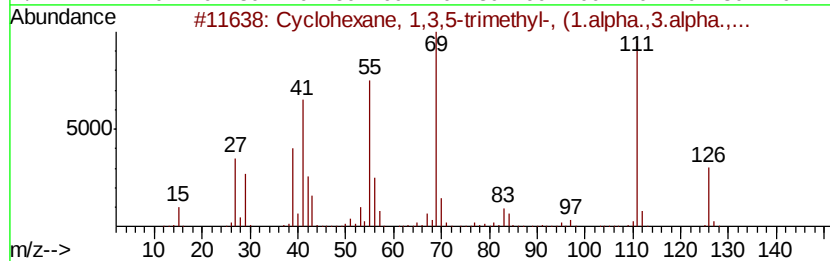
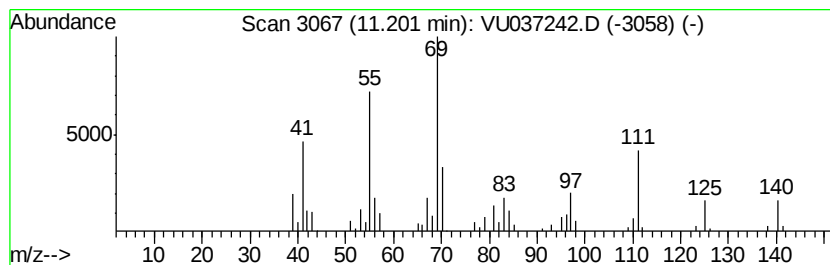
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic11.20 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	0.57 ug/L	56166	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	64
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	53
4			3-Nonene, 2-methyl-	140	C10H20	053966-53-3	52
5			2-Octene, 2,7-dimethyl-	140	C10H20	002050-81-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

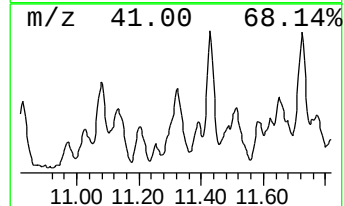
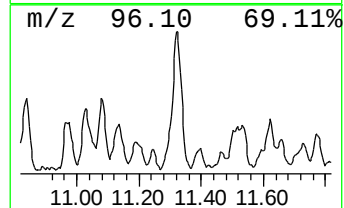
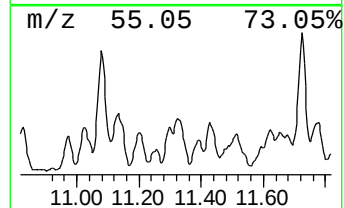
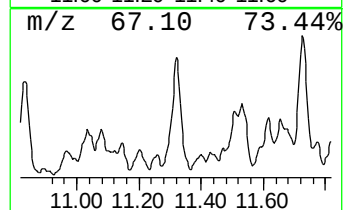
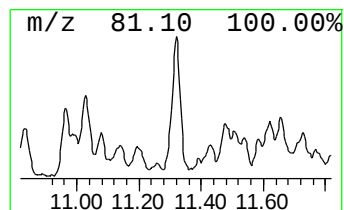
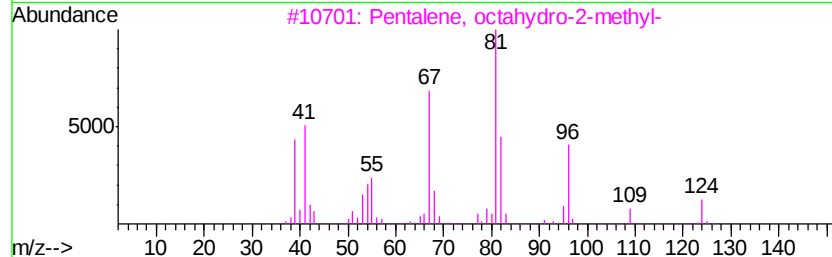
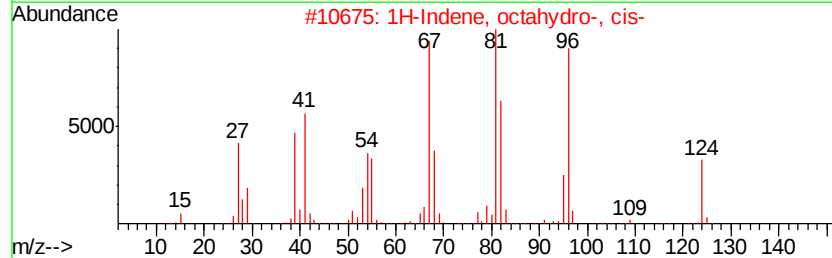
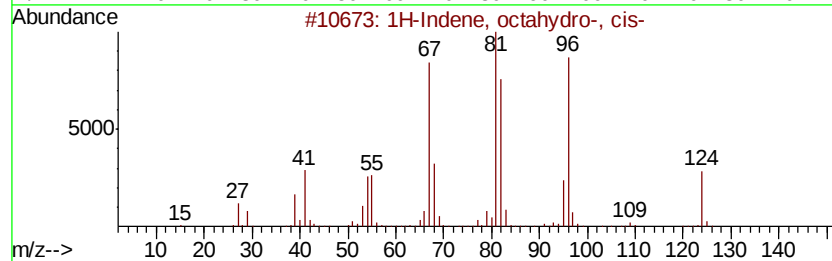
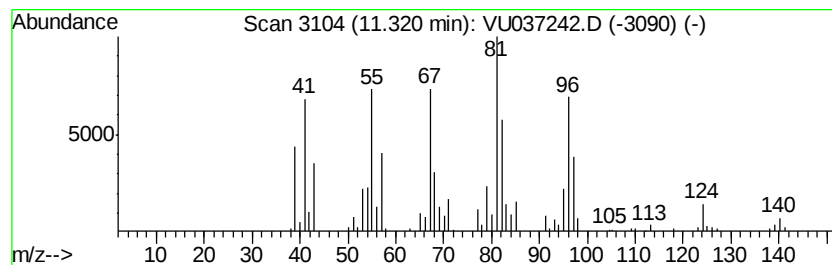
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, octahydro-, cis- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.32	1.58 ug/L	154737	1,4-Dichlorobenzene-d4	11.83	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1		1H-Indene, octahydro-, cis-	124 C9H16	004551-51-3	81
2		1H-Indene, octahydro-, cis-	124 C9H16	004551-51-3	81
3		Pentalene, octahydro-2-methyl-	124 C9H16	003868-64-2	76
4		3-Hexyne, 2-methyl-	96 C7H12	036566-80-0	52
5		3-Heptyne	96 C7H12	002586-89-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

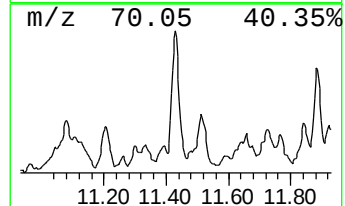
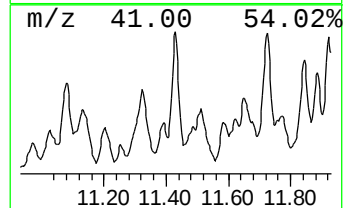
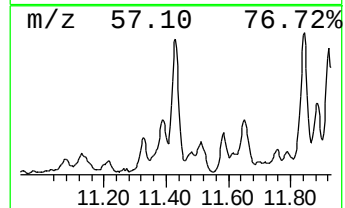
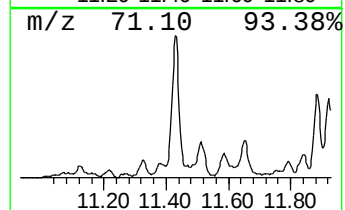
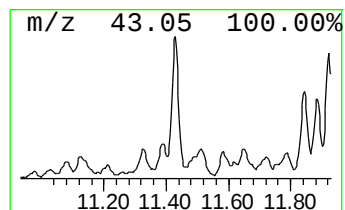
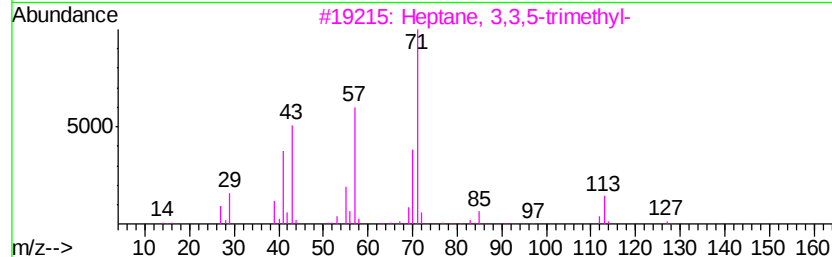
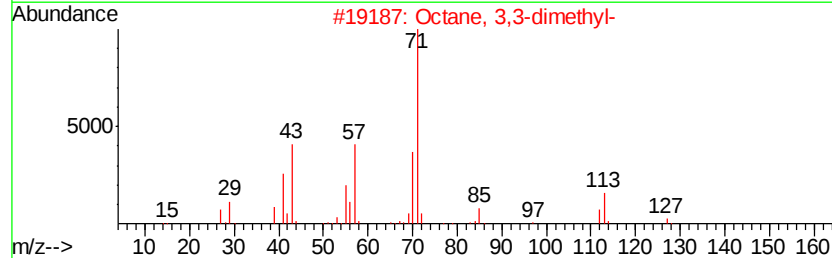
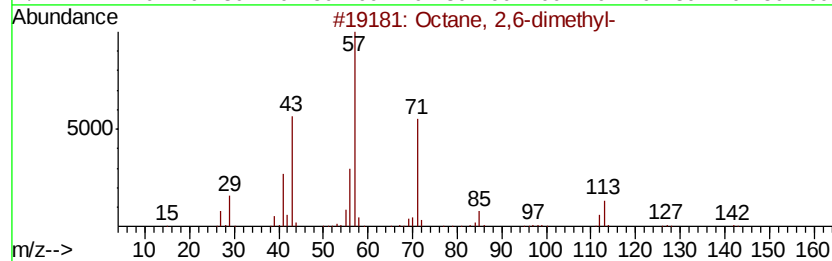
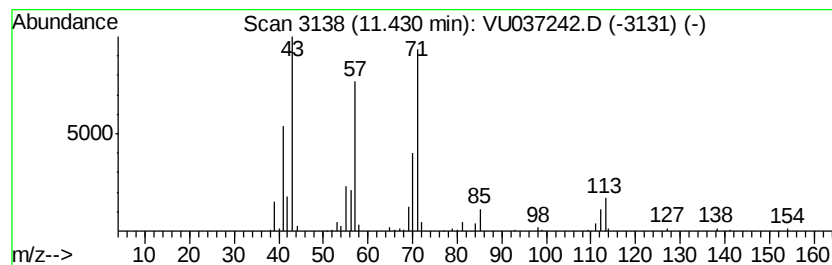
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	1.12 ug/L	110056	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
 Data File : VU037242.D
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 Operator : JC/MD
 Sample : L1891-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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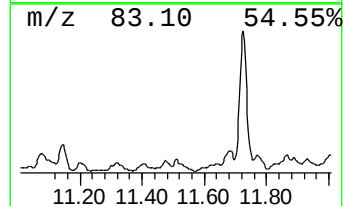
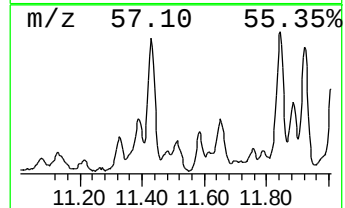
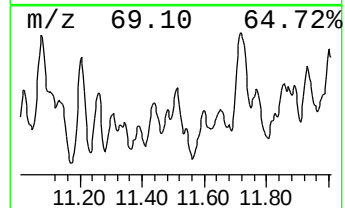
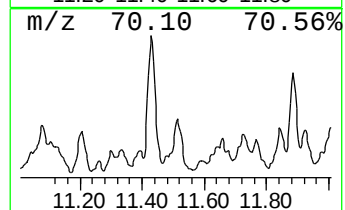
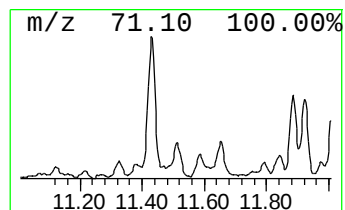
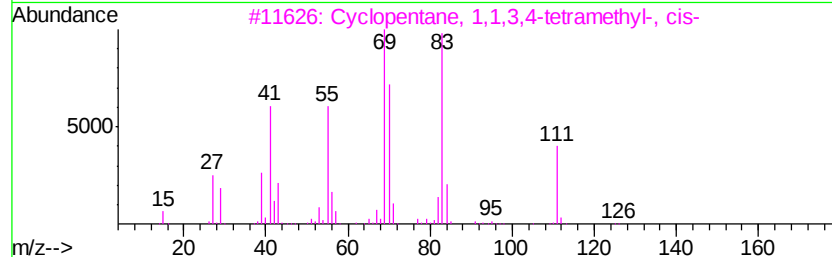
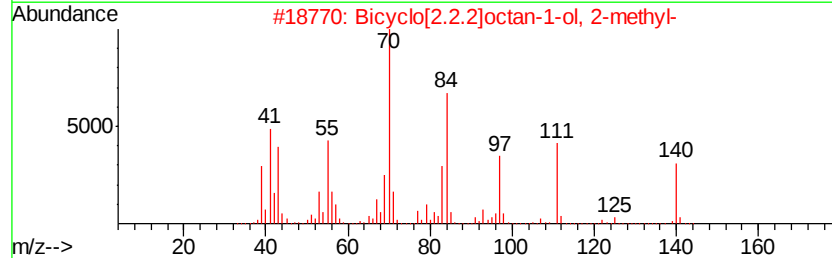
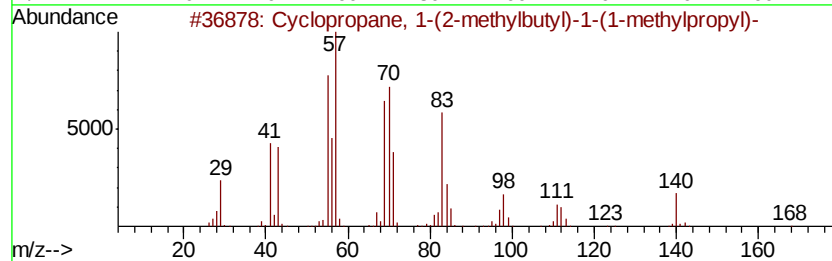
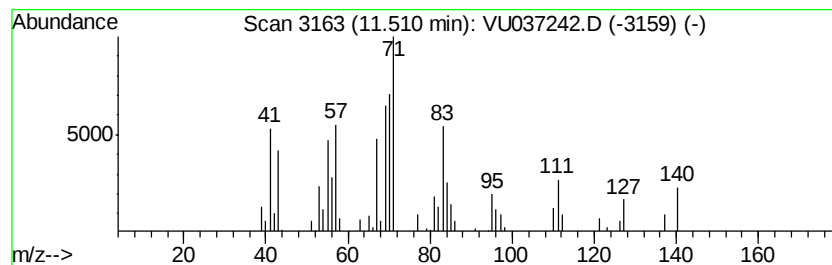
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 Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 15 (DEL) Alkane: Cyclic11.51 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	0.99 ug/L	97203	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	38
2		Bicyclo[2.2.2]octan-1-ol, 2-methyl-	140	C9H16O	1000258-29-6	25
3		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	22
4		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	22
5		2-Undecenal, E-	168	C11H20O	053448-07-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

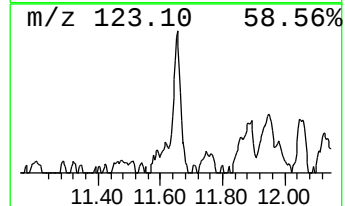
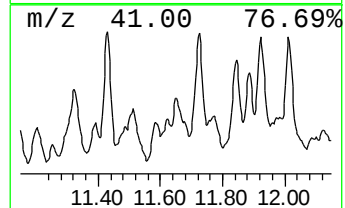
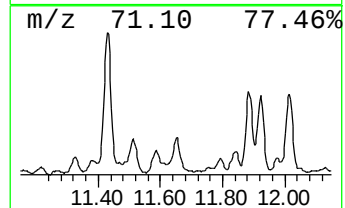
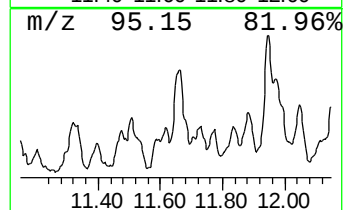
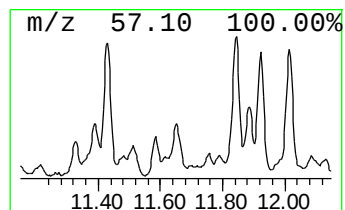
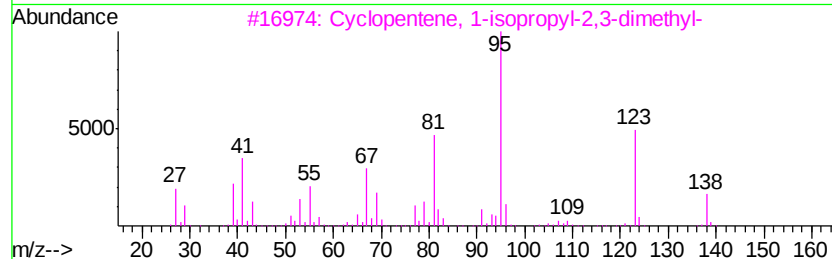
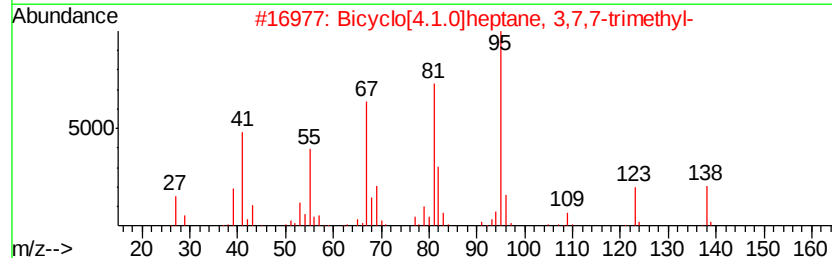
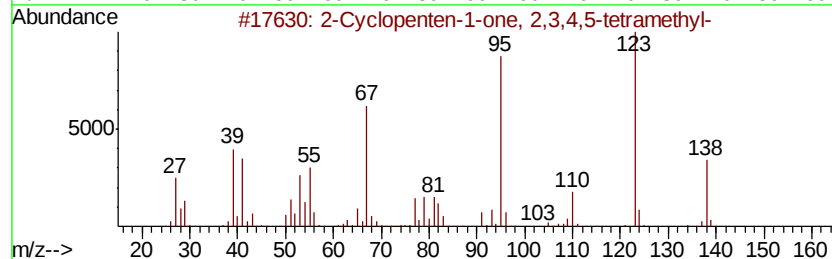
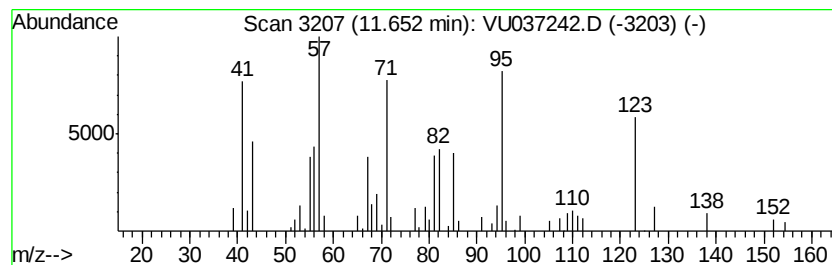
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.54 ug/L	52625	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138 C9H14O	054458-61-6	46
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138 C10H18	000554-59-6	38
3	Cyclopentene, 1-isopropyl-2,3-di...	138 C10H18	007712-73-4	30
4	(2Z,4E)-3,7-Dimethyl-2,4-octadiene	138 C10H18	1000374-08-4	30
5	1,4-Pentadiene, 2,3,3-trimethyl-	110 C8H14	000756-02-5	20



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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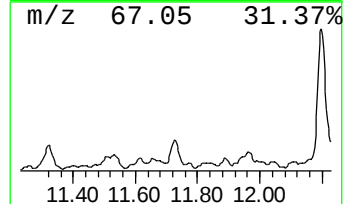
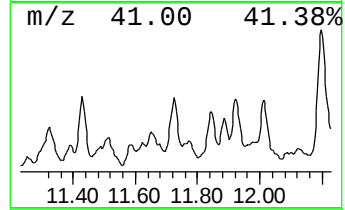
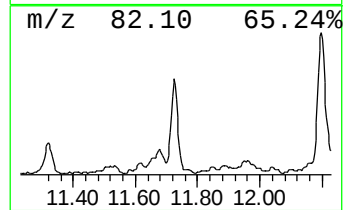
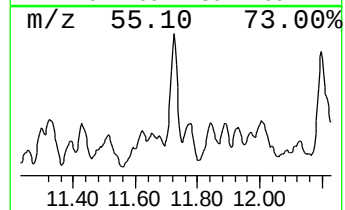
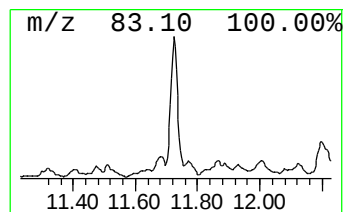
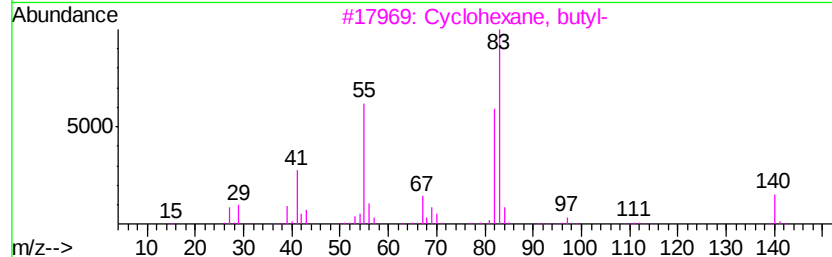
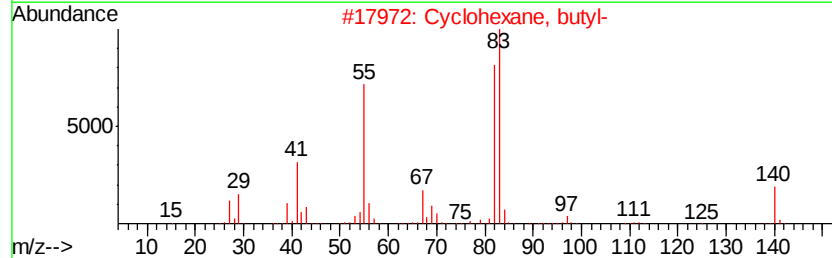
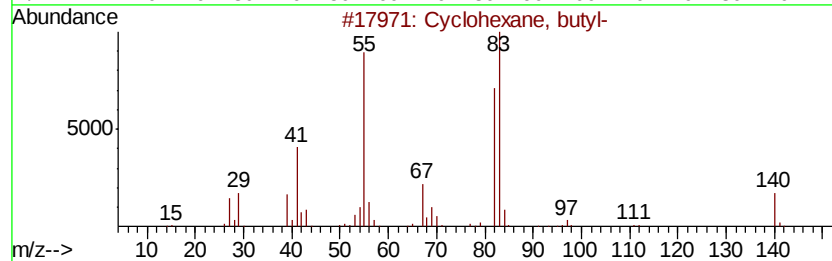
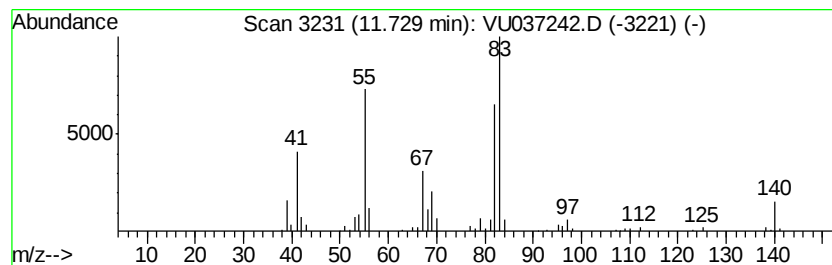
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic11.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	1.28 ug/L	125559	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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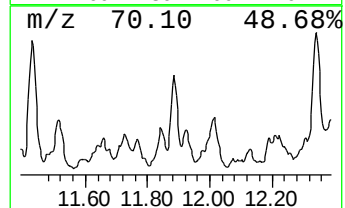
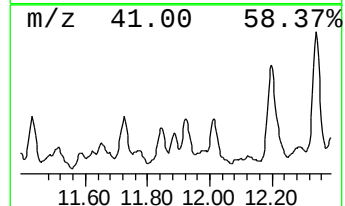
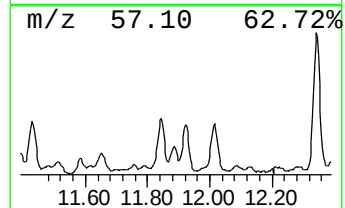
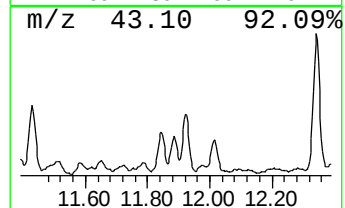
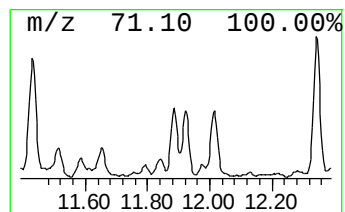
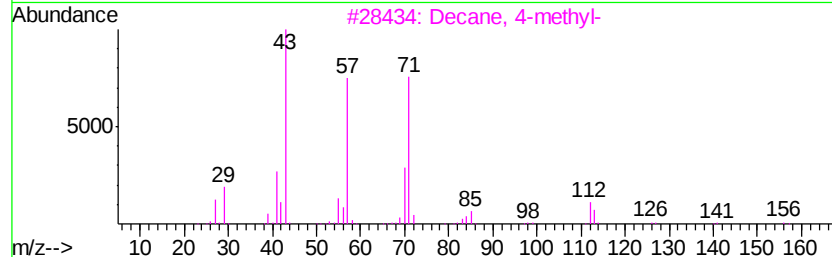
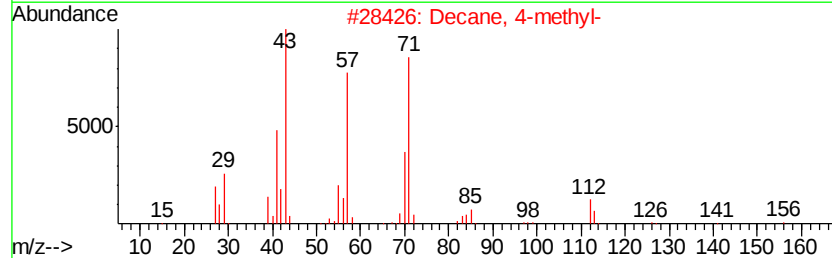
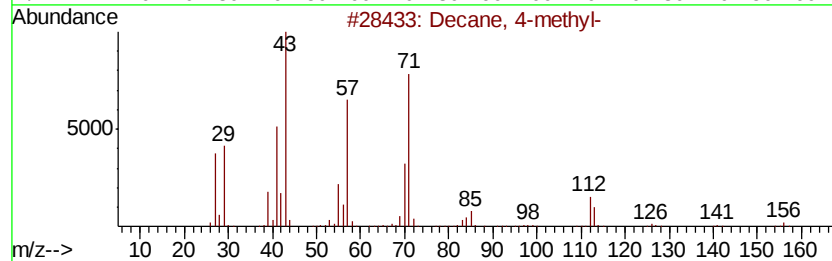
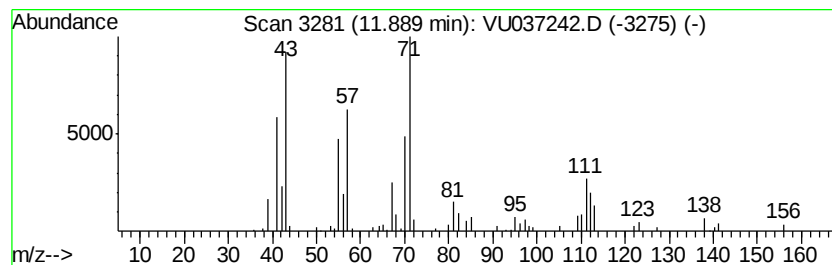
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	0.54 ug/L	53255	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	64
2			Decane, 4-methyl-	156	C11H24	002847-72-5	62
3			Decane, 4-methyl-	156	C11H24	002847-72-5	49
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	47
5			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

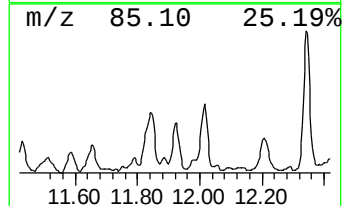
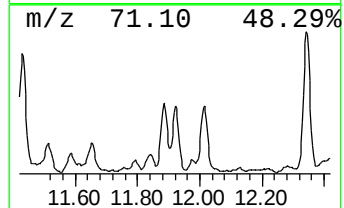
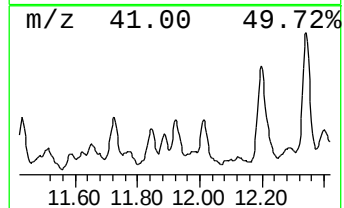
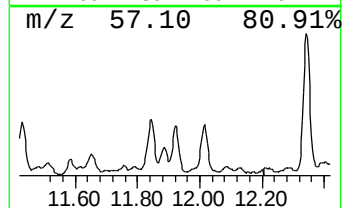
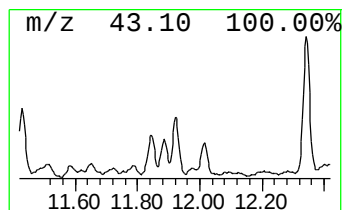
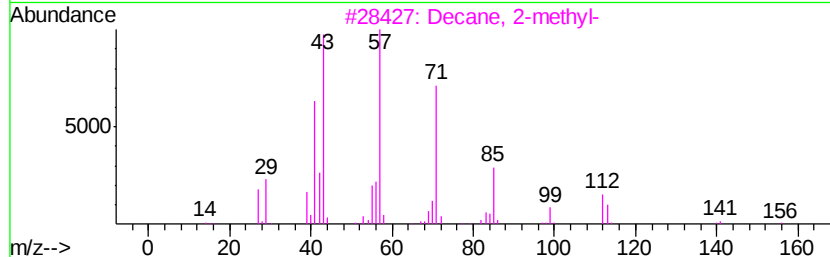
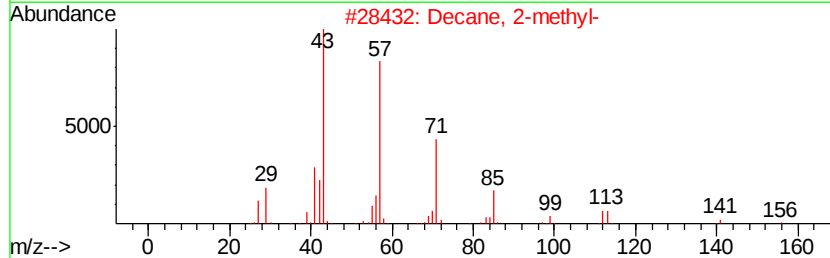
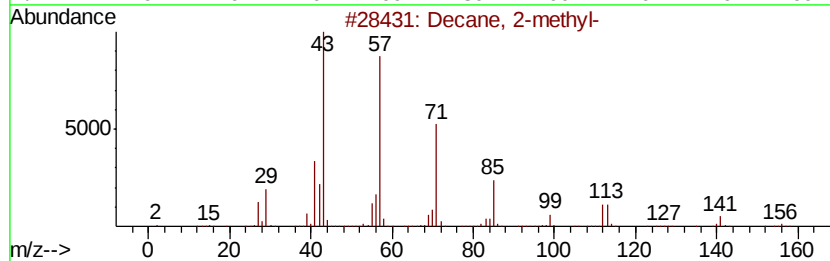
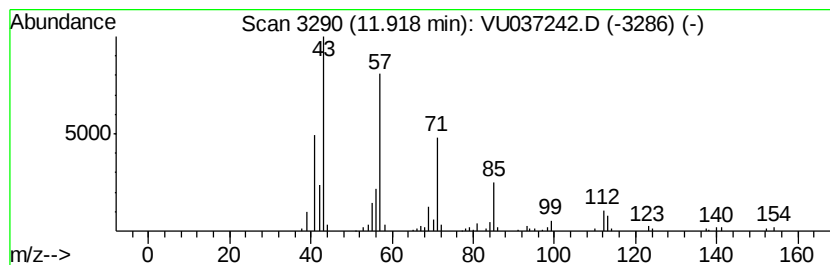
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	0.74 ug/L	72175	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	93
2			Decane, 2-methyl-	156	C11H24	006975-98-0	87
3			Decane, 2-methyl-	156	C11H24	006975-98-0	87
4			Decane, 3-methyl-	156	C11H24	013151-34-3	70
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

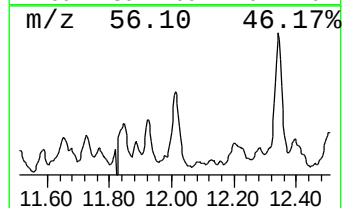
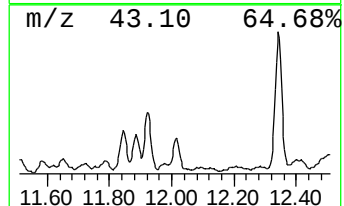
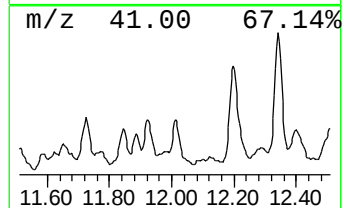
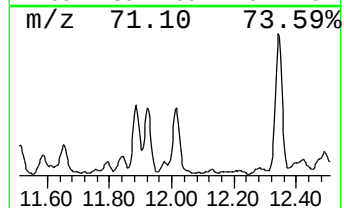
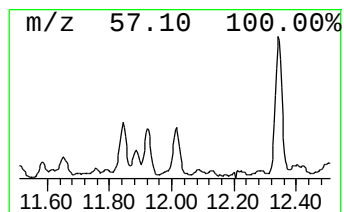
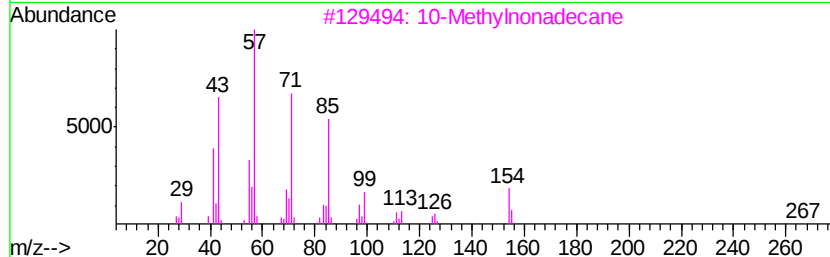
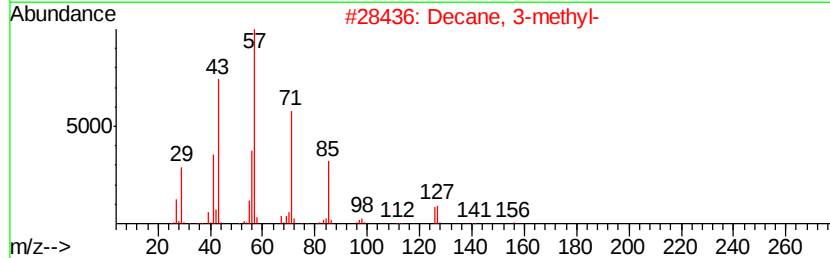
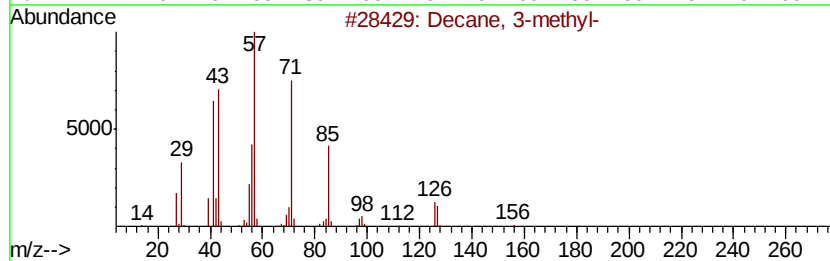
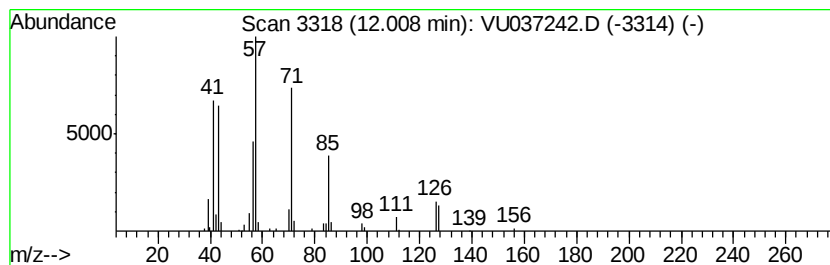
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	1.40 ug/L	137108	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	87
2			Decane, 3-methyl-	156	C11H24	013151-34-3	78
3			10-Methylnonadecane	282	C20H42	056862-62-5	53
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

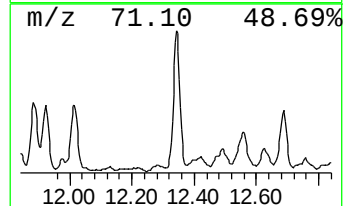
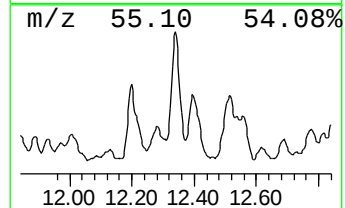
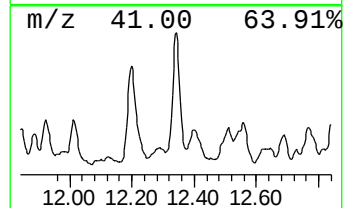
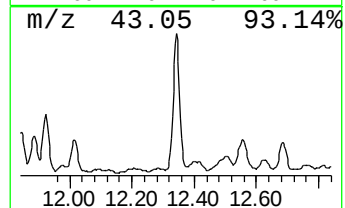
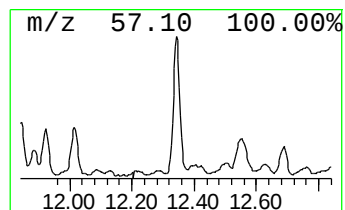
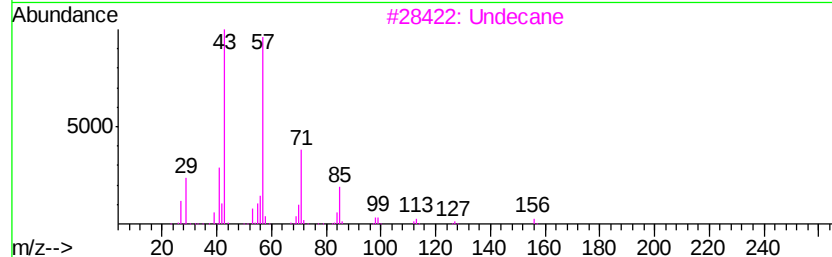
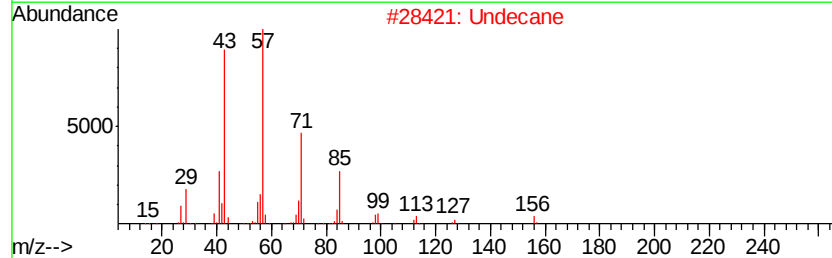
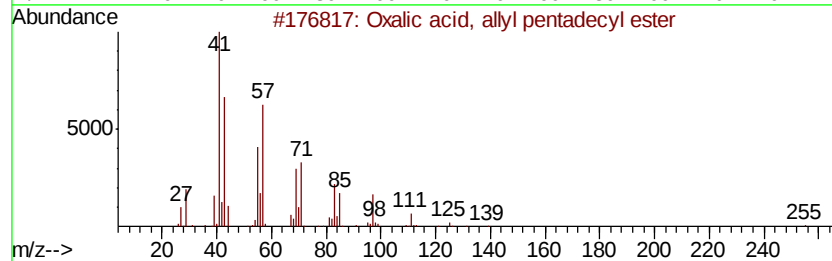
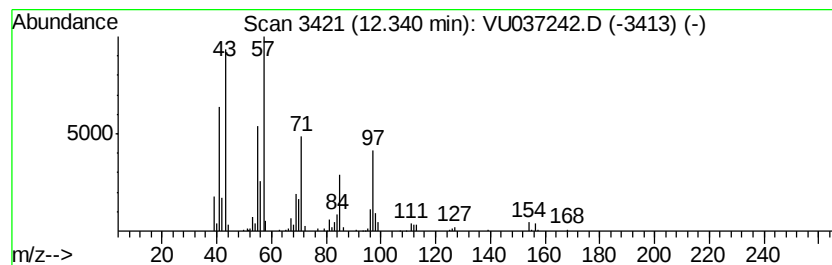
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Oxalic acid, allyl pentadec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.26 ug/L	319483	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	64
2		Undecane	156	C11H24	001120-21-4	64
3		Undecane	156	C11H24	001120-21-4	60
4		Decane, 2-methyl-	156	C11H24	006975-98-0	52
5		Undecane	156	C11H24	001120-21-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

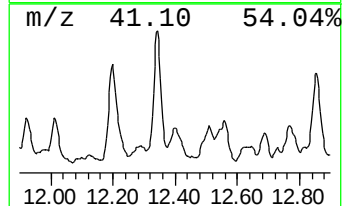
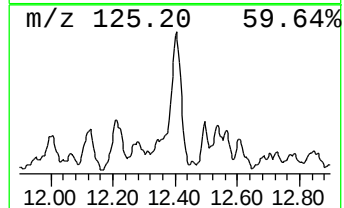
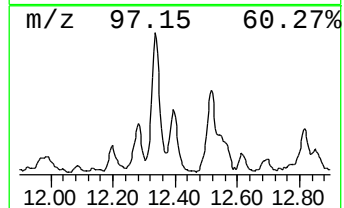
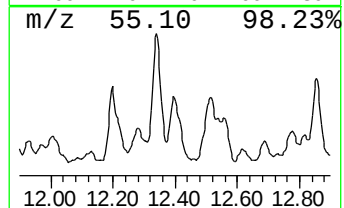
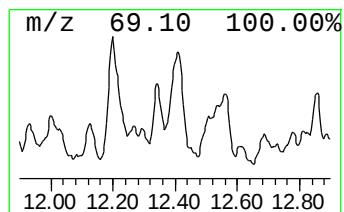
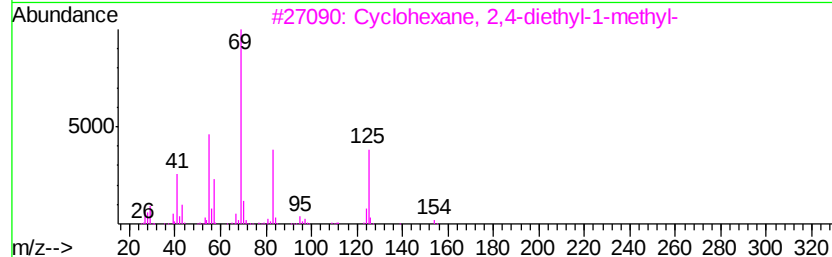
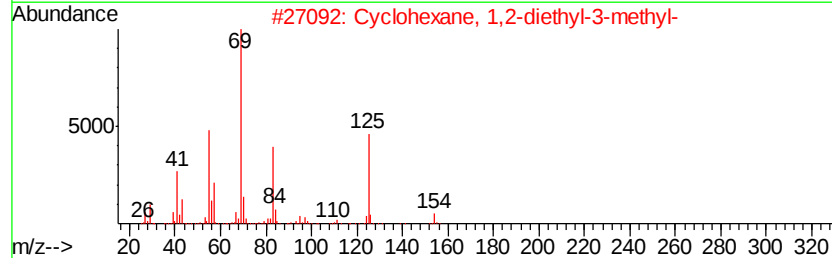
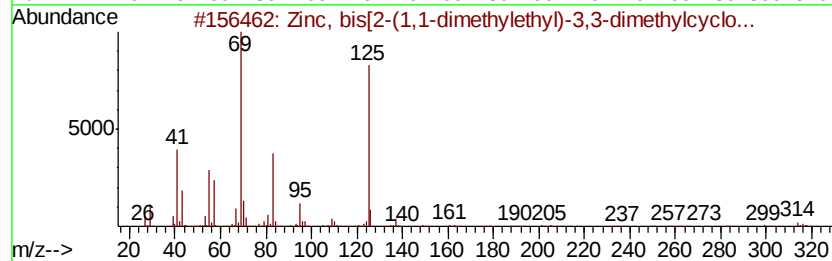
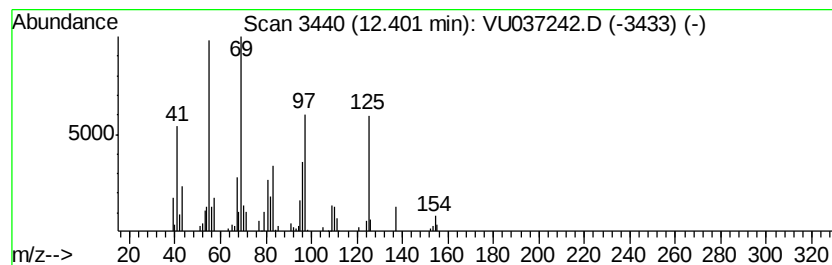
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	1.56 ug/L	152673	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
2			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	49
3			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43
4			1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	30
5			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

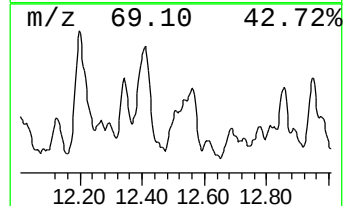
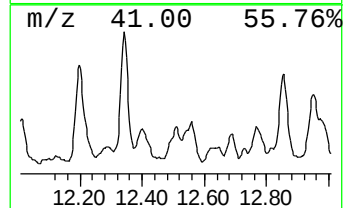
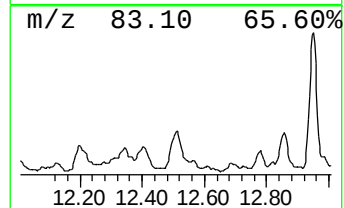
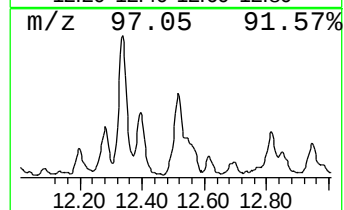
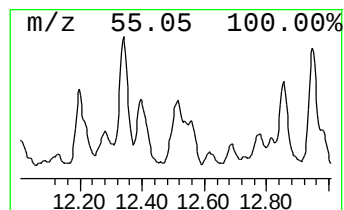
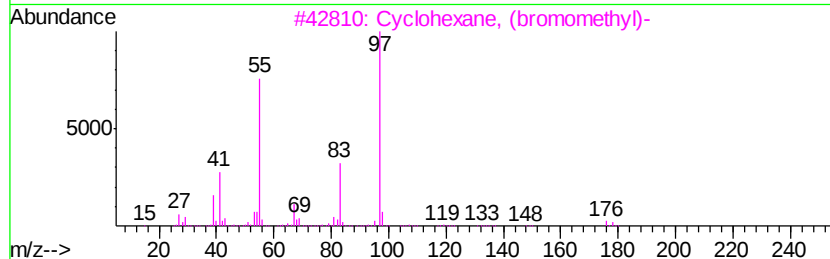
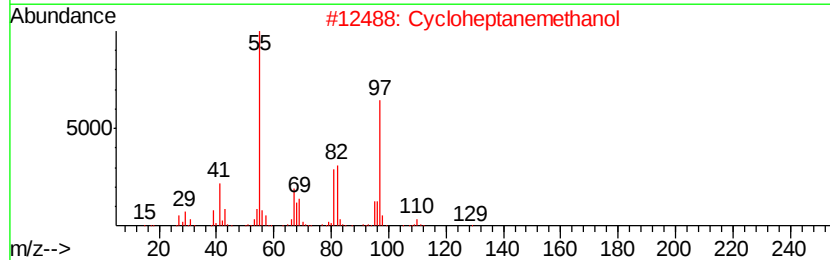
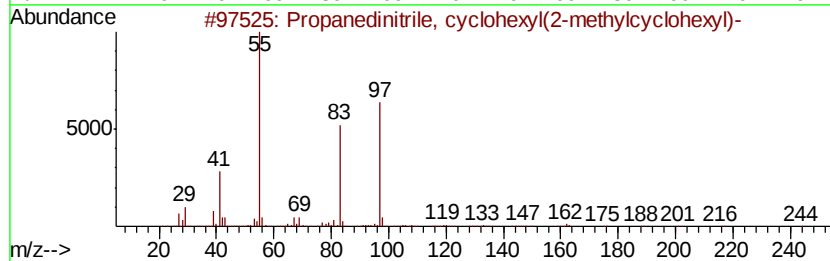
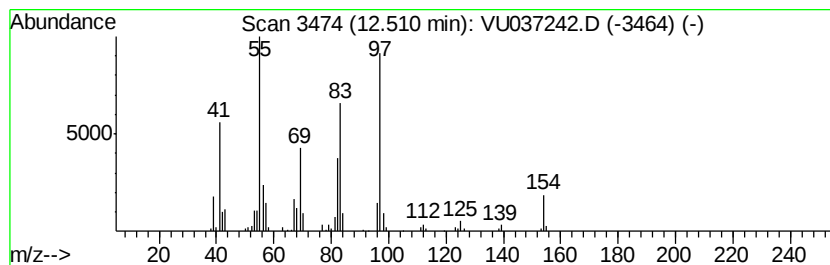
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Propanedinitrile, cyclohexy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	1.02 ug/L	99894	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Propanedinitrile, cyclohexyl(2-m...	244 C16H24N2	074764-55-9 53
2		Cycloheptanemethanol	128 C8H16O	004448-75-3 50
3		Cyclohexane, (bromomethyl)-	176 C7H13Br	002550-36-9 47
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126 C9H18	004923-78-8 47
5		Cyclohexane, 1,3-dimethyl-, cis-	112 C8H16	000638-04-0 47



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

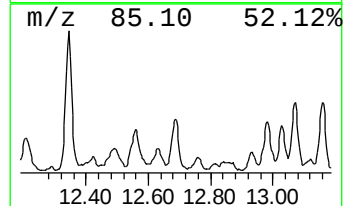
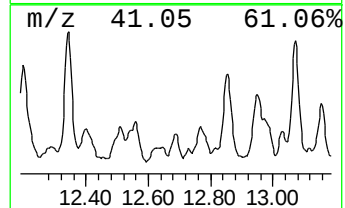
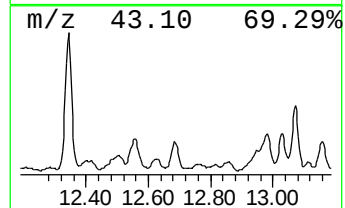
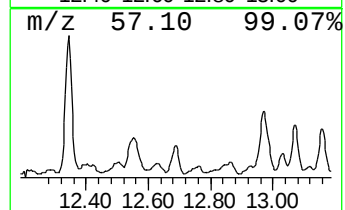
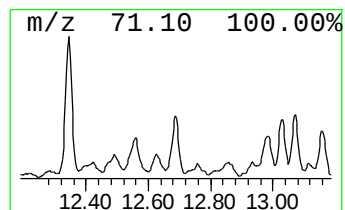
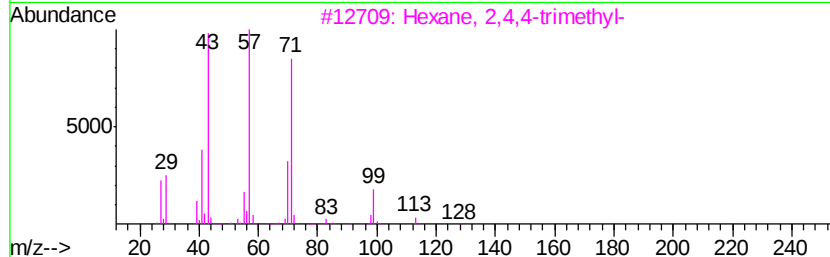
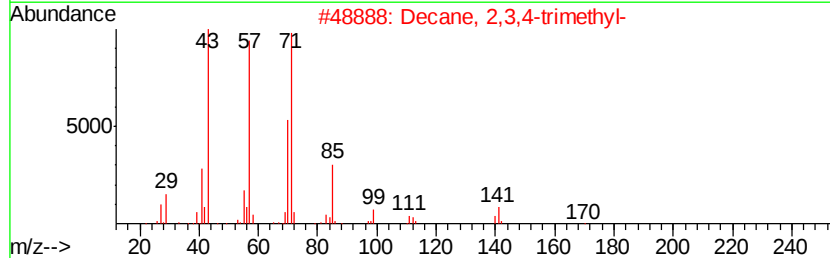
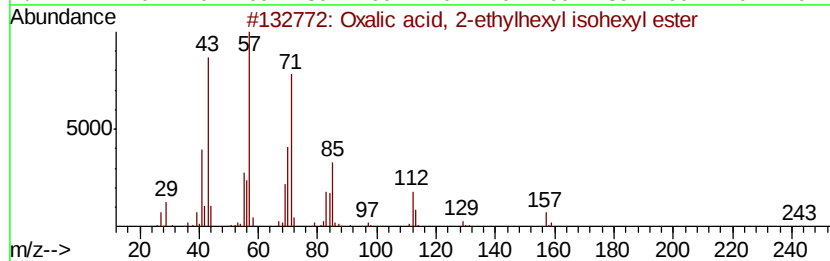
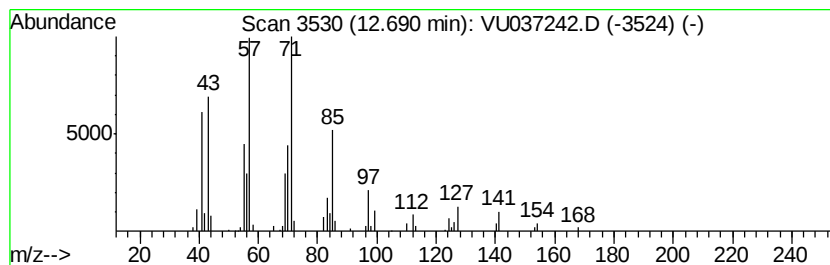
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Oxalic acid, 2-ethylhexyl i... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	0.61 ug/L	59917	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxalic acid, 2-ethylhexyl isohex...	286 C16H30O4	1000309-38-8	58
2	Decane, 2,3,4-trimethyl-	184 C13H28	062238-15-7	53
3	Hexane, 2,4,4-trimethyl-	128 C9H20	016747-30-1	47
4	Oxalic acid, 2-ethylhexyl pentyl...	272 C15H28O4	1000309-38-7	43
5	Decane, 4-methyl-	156 C11H24	002847-72-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

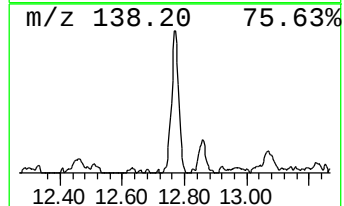
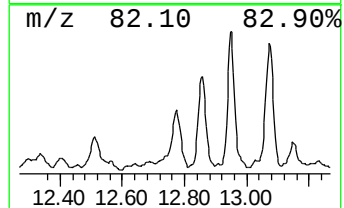
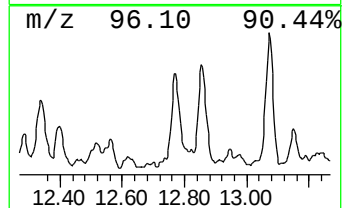
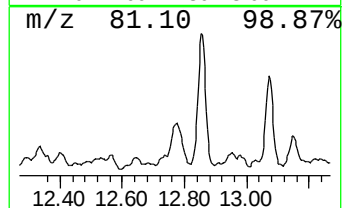
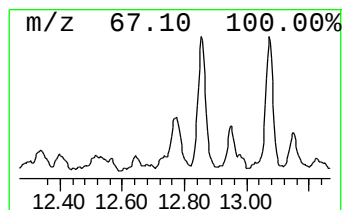
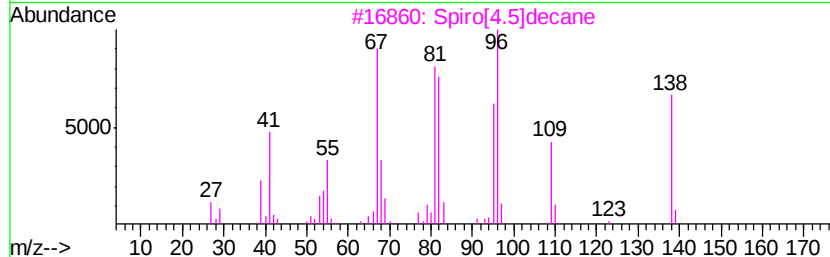
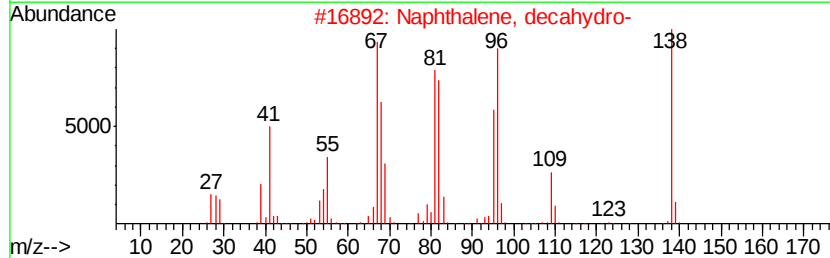
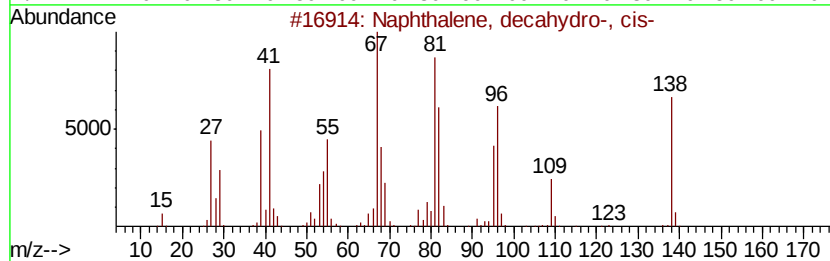
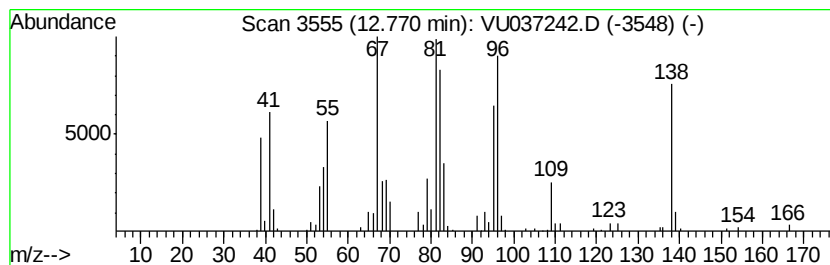
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, decahydro-, cis- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	1.06 ug/L	103988	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 93
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 91
3		Spiro[4.5]decane	138 C10H18	000176-63-6 90
4		Spiro[4.5]decane	138 C10H18	000176-63-6 90
5		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 87



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

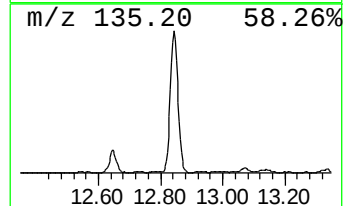
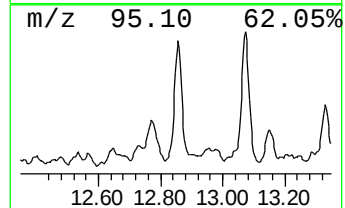
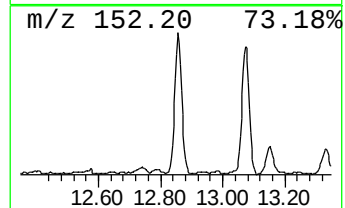
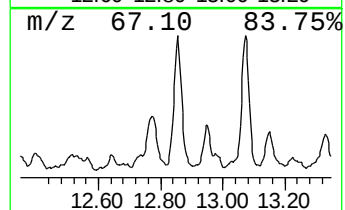
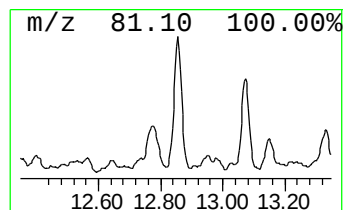
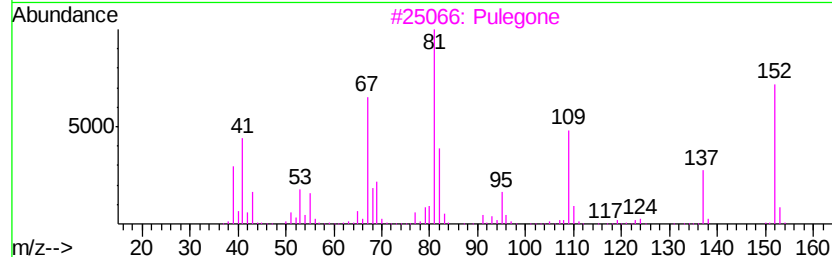
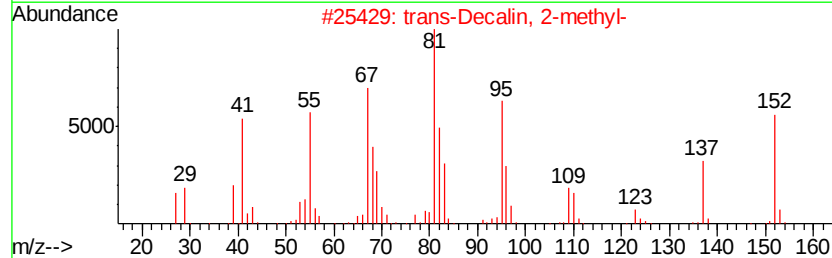
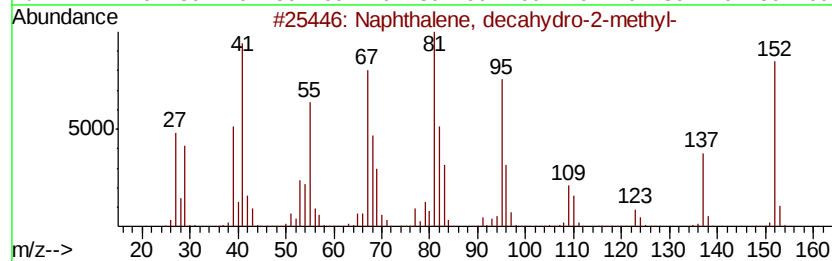
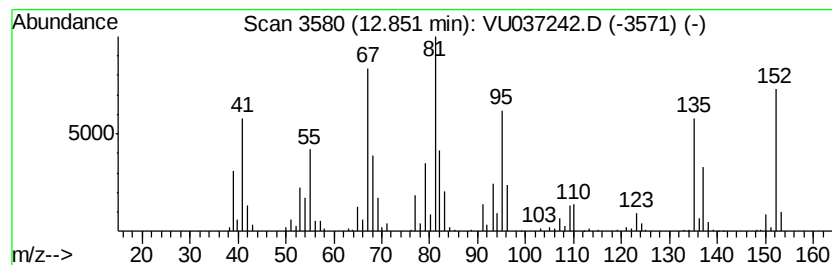
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	4.64 ug/L	455055	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 97
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 93
3		Pulegone	152 C10H16O	000089-82-7 89
4		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 68
5		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 68



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

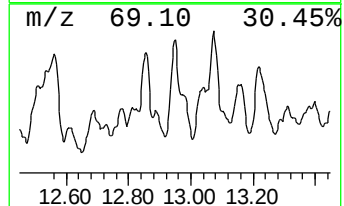
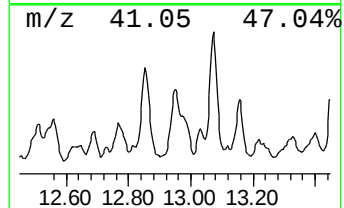
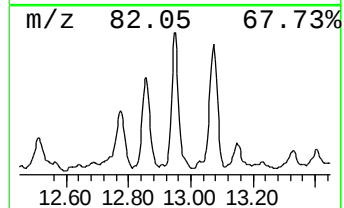
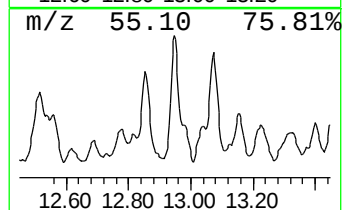
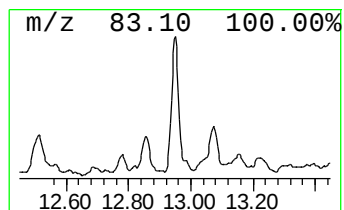
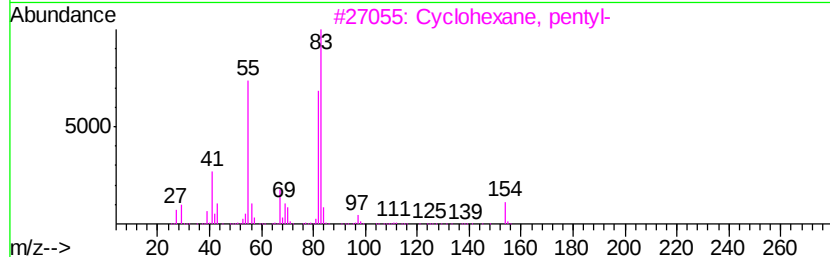
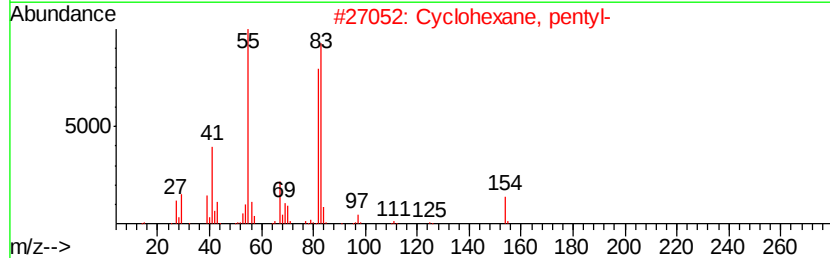
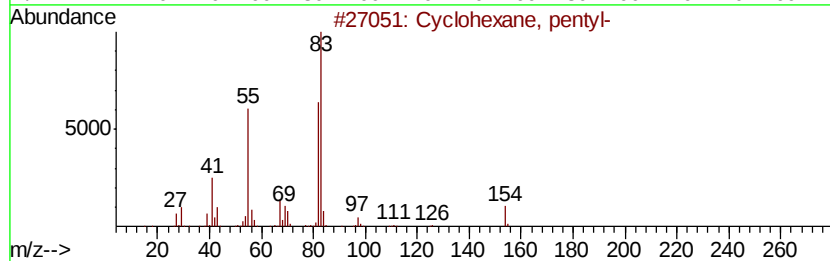
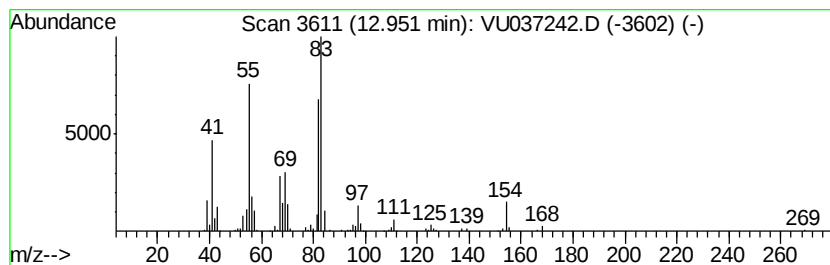
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic12.95 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.02 ug/L	197809	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
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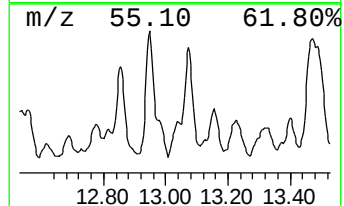
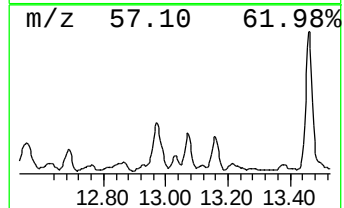
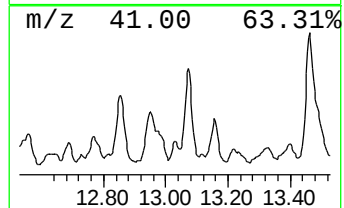
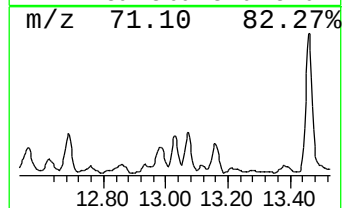
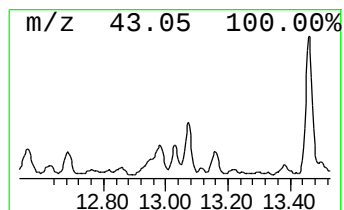
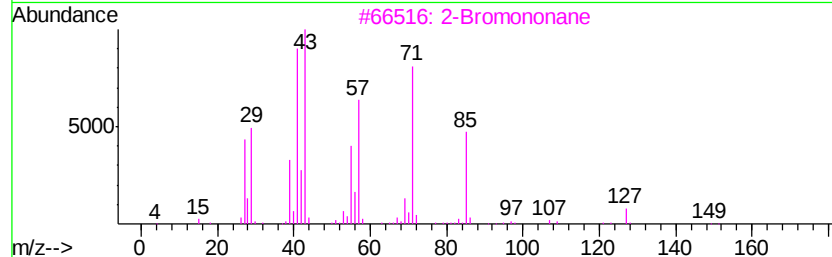
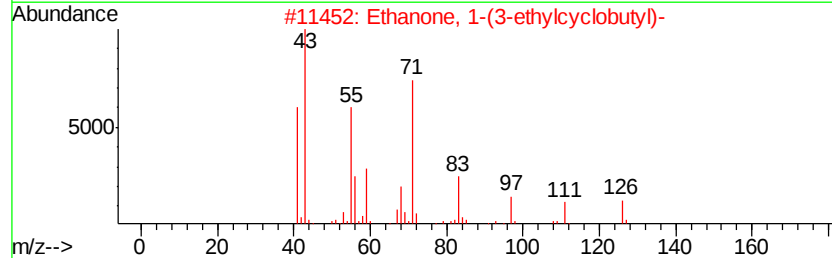
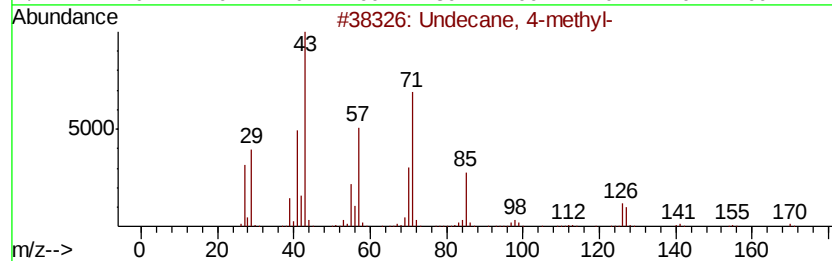
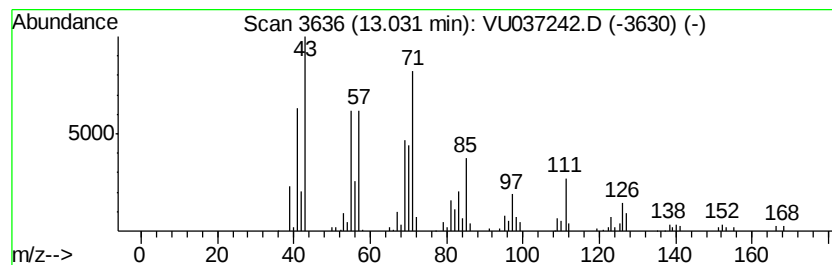
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	0.75 ug/L	73451	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	50
2			Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	49
3			2-Bromononane	206	C9H19Br	002216-35-5	43
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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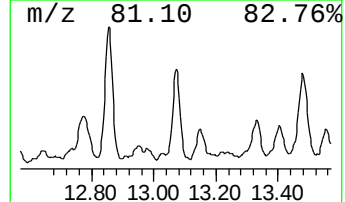
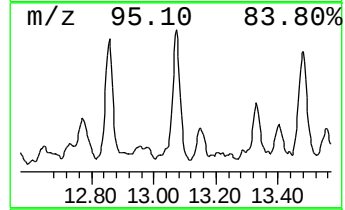
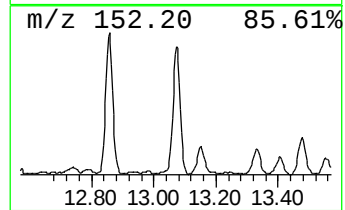
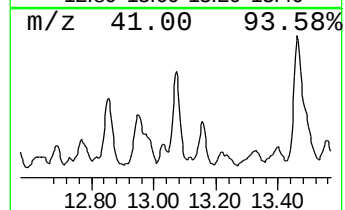
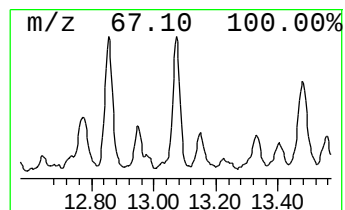
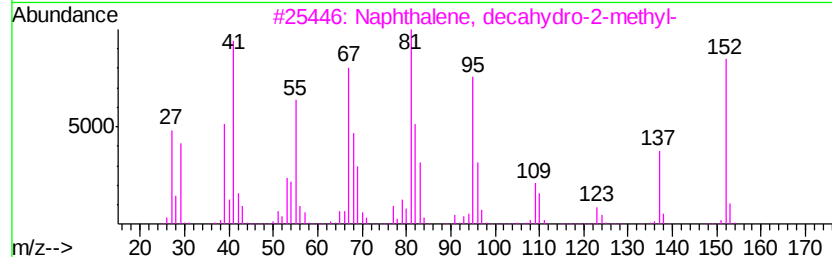
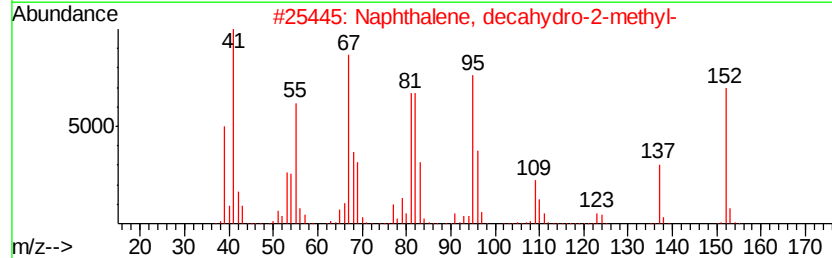
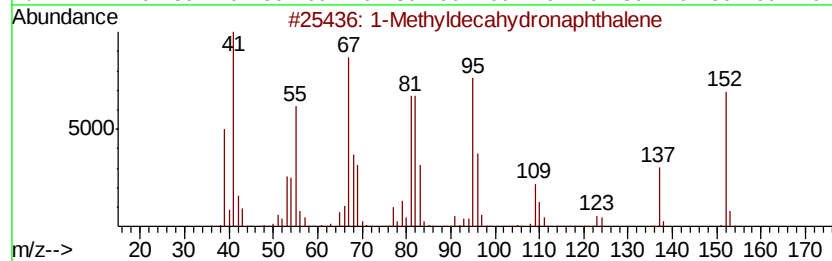
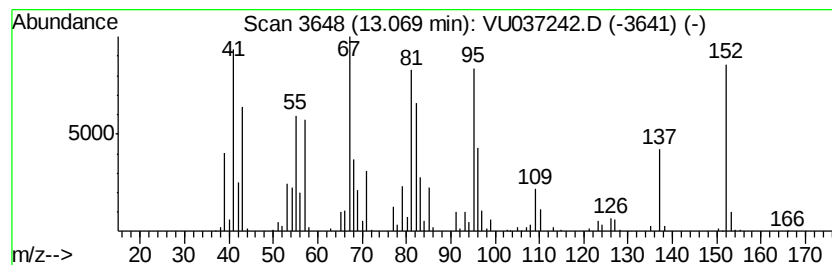
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1-Methyldecahydronaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.14 ug/L	406056	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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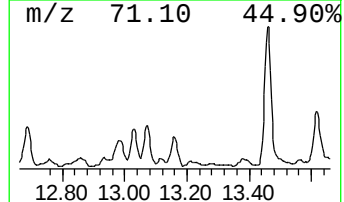
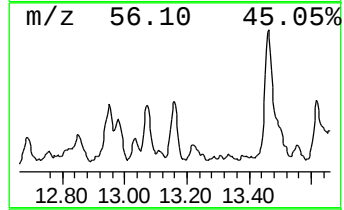
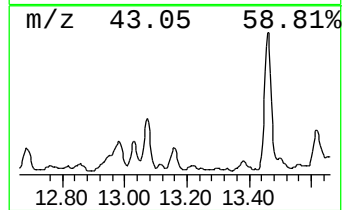
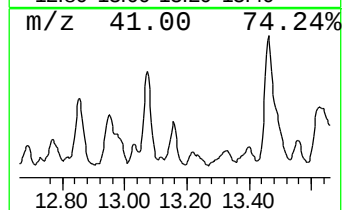
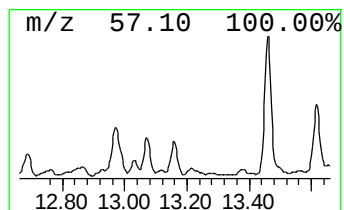
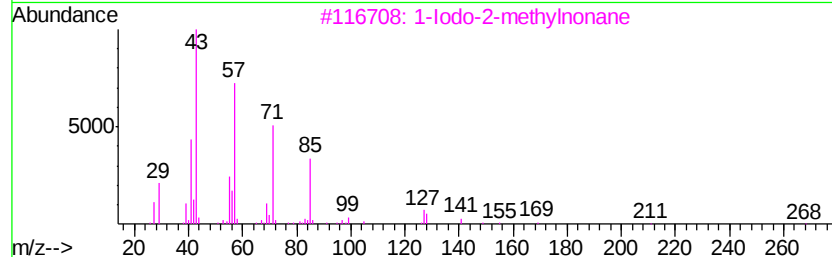
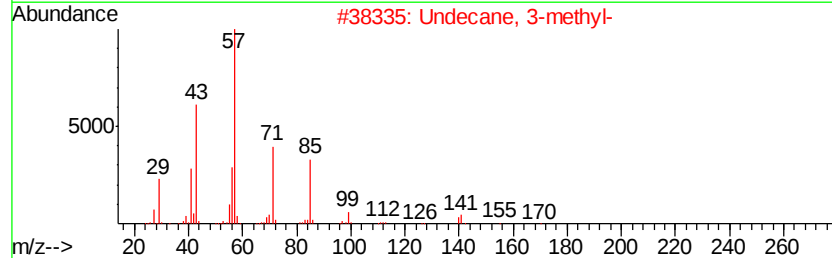
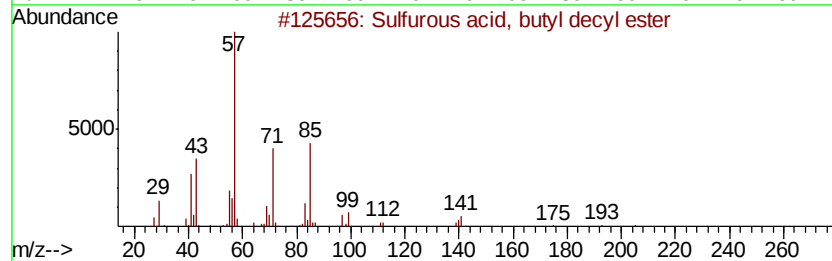
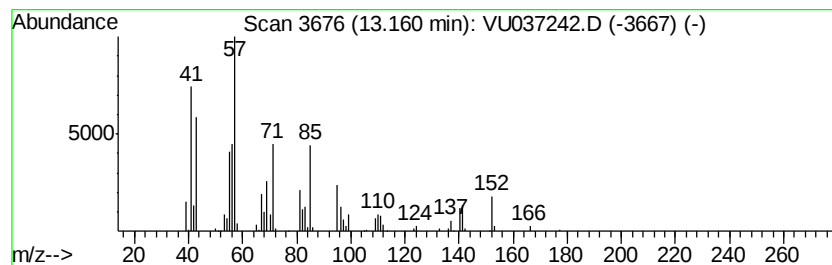
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	1.71 ug/L	168149	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	35
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	27
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	27
5			1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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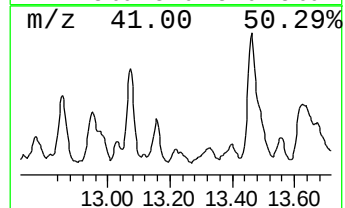
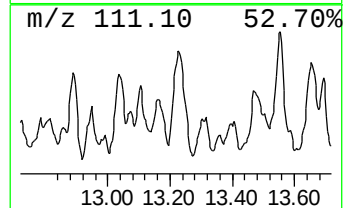
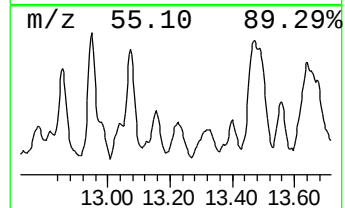
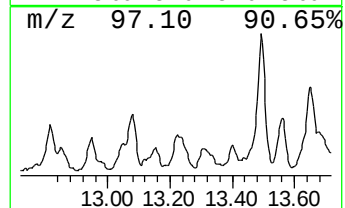
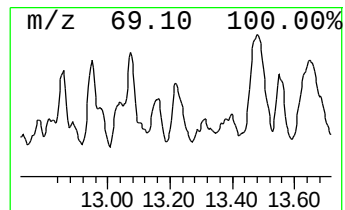
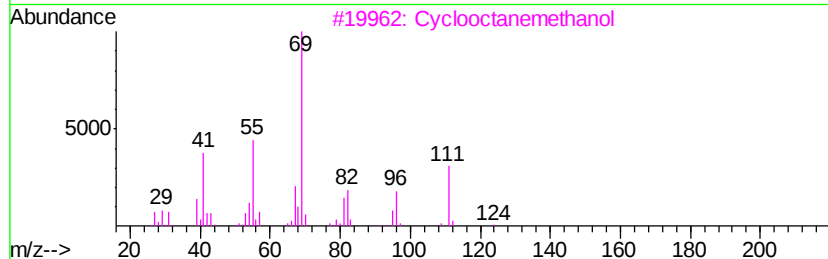
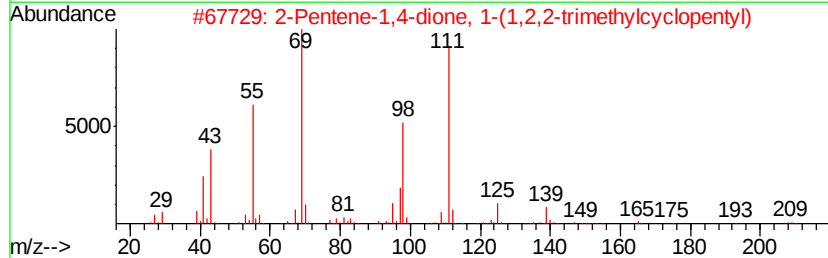
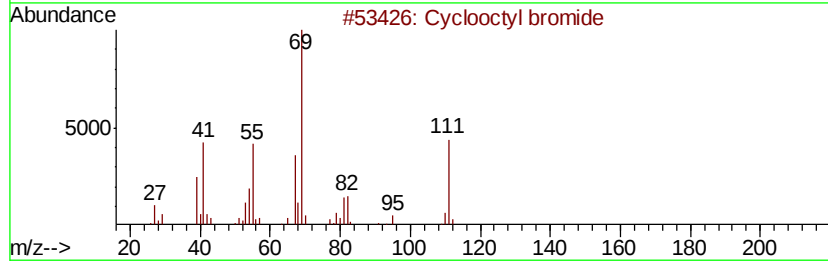
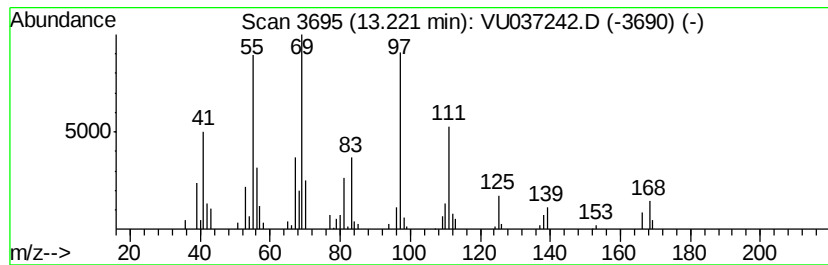
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	0.89 ug/L	87222	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctyl bromide	190	C8H15Br	001556-09-8	38
2			2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	35
3			Cyclooctanemethanol	142	C9H18O	003637-63-6	35
4			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	35
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

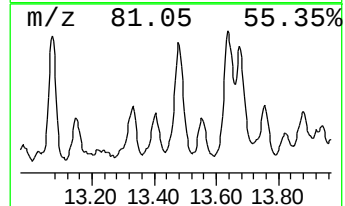
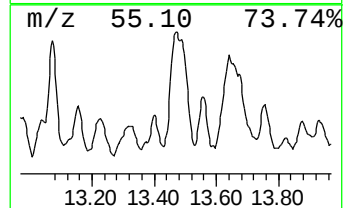
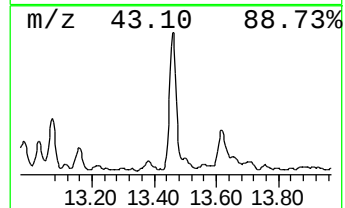
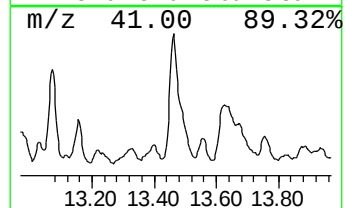
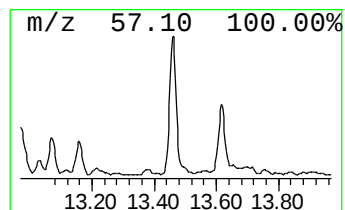
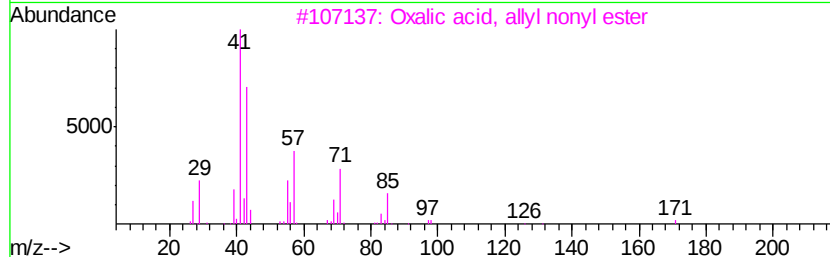
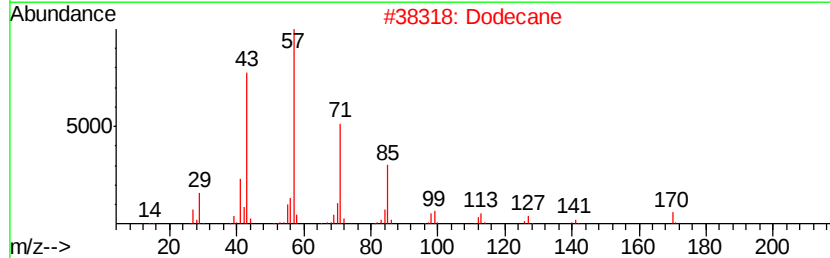
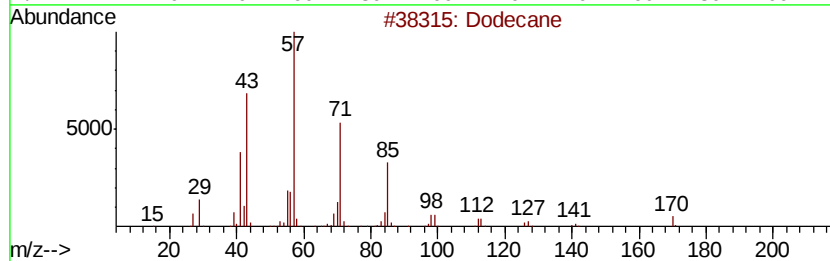
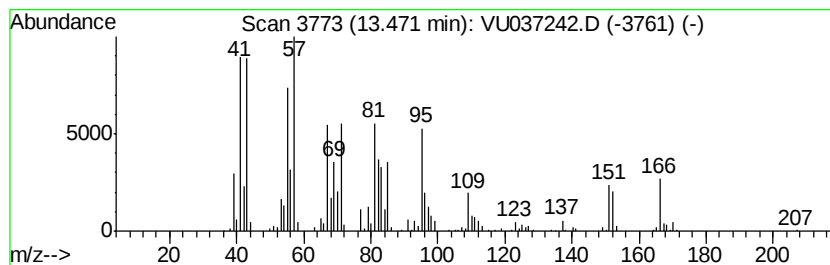
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.93 ug/L	679823	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	78
2		Dodecane	170	C12H26	000112-40-3	53
3		Oxalic acid, allvl nonvl ester	256	C14H24O4	1000309-23-7	47
4		Tridecane	184	C13H28	000629-50-5	46
5		Tetradecane	198	C14H30	000629-59-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

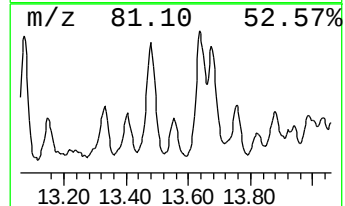
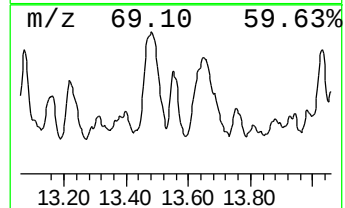
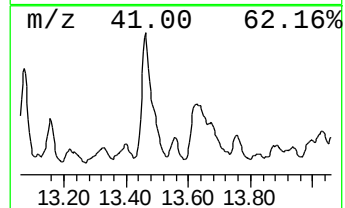
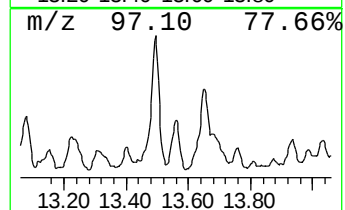
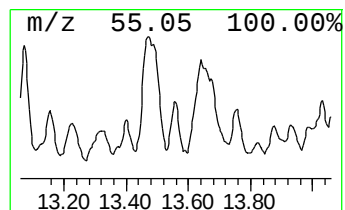
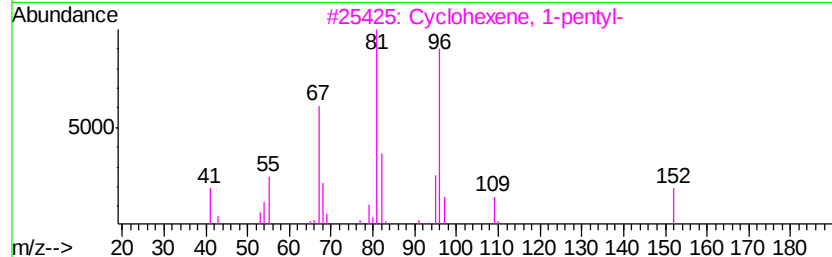
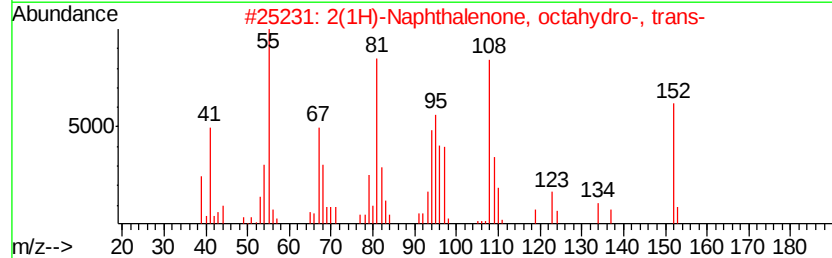
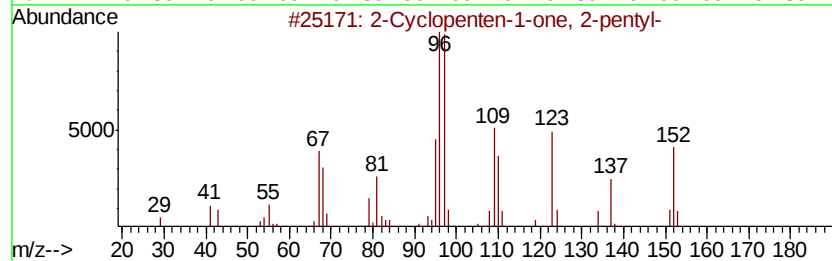
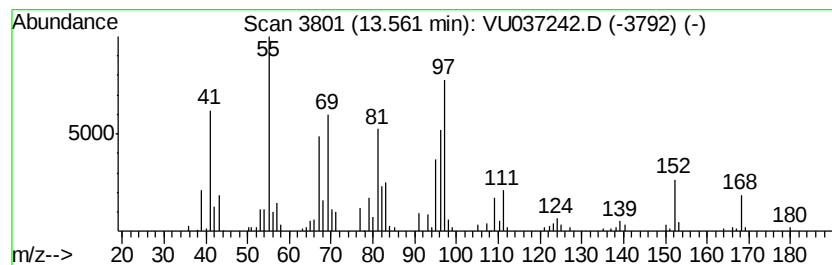
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 2-Cyclopenten-1-one, 2-pentyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	1.15 ug/L	113288	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	53
2			2(1H)-Naphthalenone, octahydro-, ...	152	C10H16O	016021-08-2	52
3			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	50
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

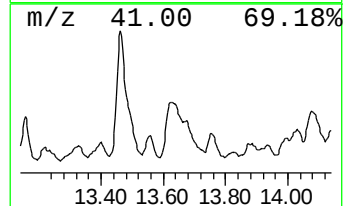
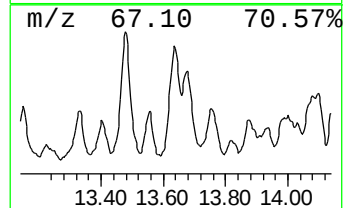
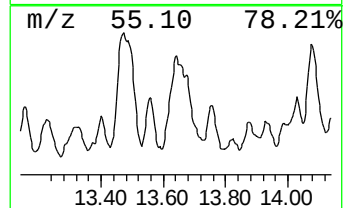
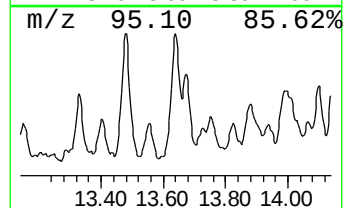
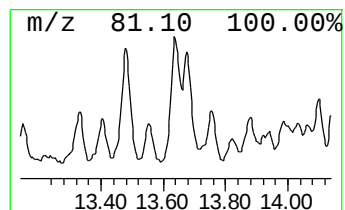
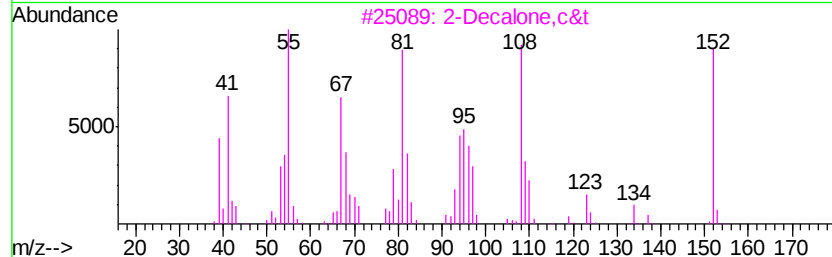
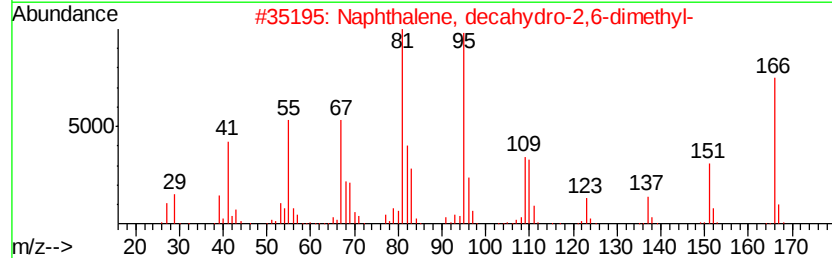
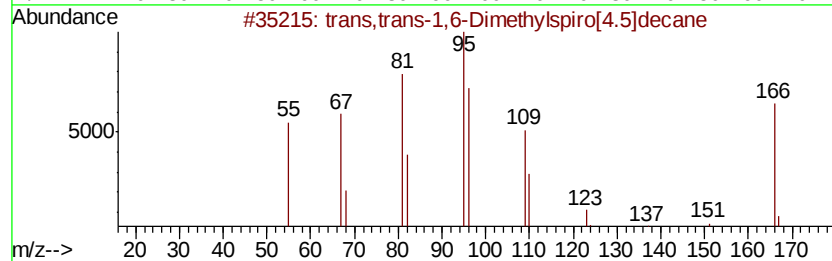
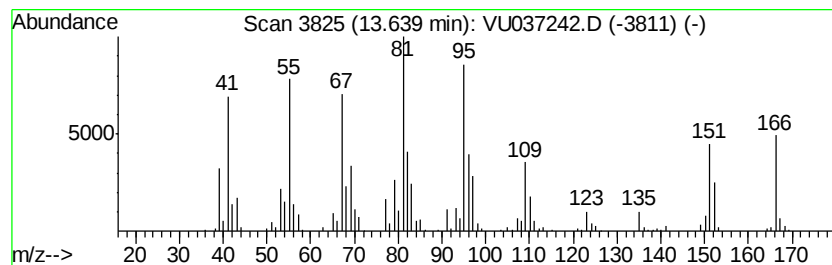
Instrument :
MSVOA_U
ClientSampleId :
DBER6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 trans,trans-1,6-Dimethylspi... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	5.25 ug/L	514871	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans,trans-1,6-Dimethylspiro[4....	166 C12H22	1000111-72-1	92
2	Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0	74
3	2-Decalone,c&t	152 C10H16O	004832-17-1	70
4	1-Methyl-2-methylenecyclohexane	110 C8H14	002808-75-5	60
5	trans,cis-1,8-Dimethylspiro[4.5]...	166 C12H22	1000111-72-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

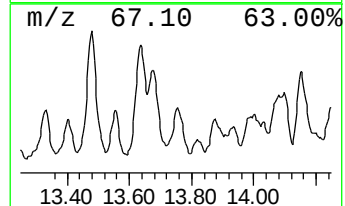
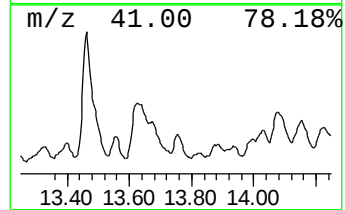
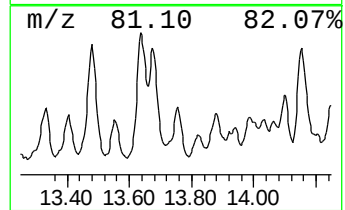
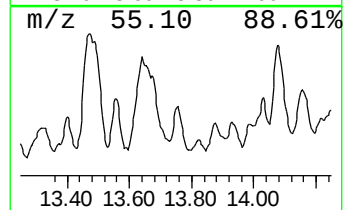
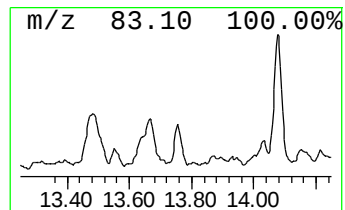
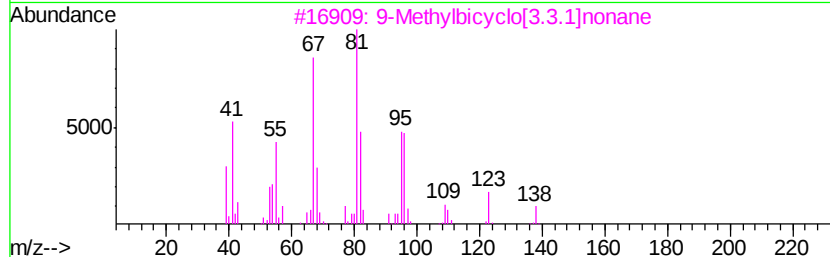
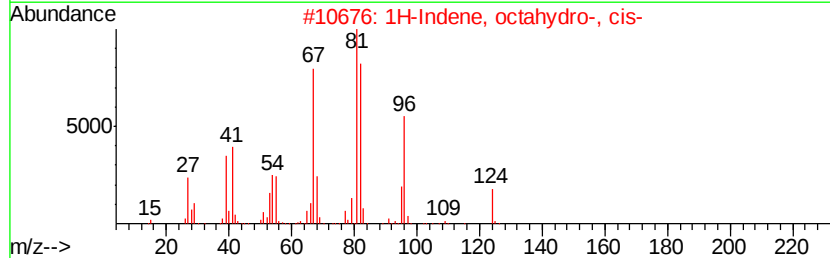
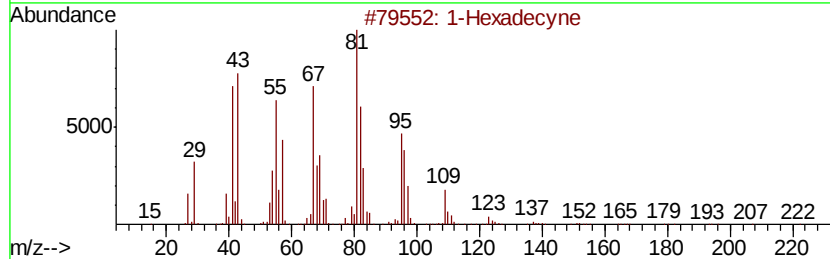
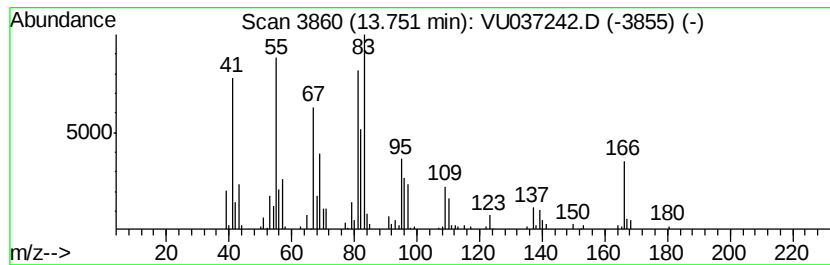
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 1-Hexadecyne Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	1.28 ug/L	125467	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexadecyne	222 C16H30	000629-74-3	50
2	1H-Indene, octahydro-, cis-	124 C9H16	004551-51-3	49
3	9-Methylbicyclo[3.3.1]nonane	138 C10H18	025107-01-1	49
4	1-Hexadecyne	222 C16H30	000629-74-3	43
5	Cyclopentane, 1-methyl-2-(2-prop...	124 C9H16	050746-53-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

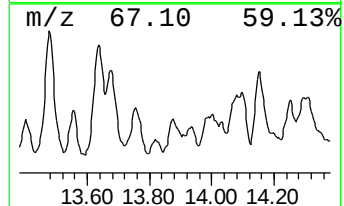
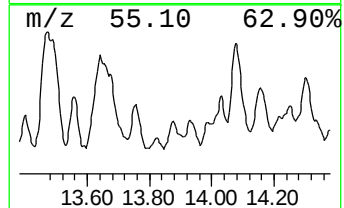
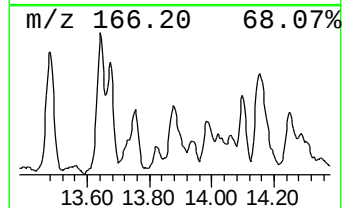
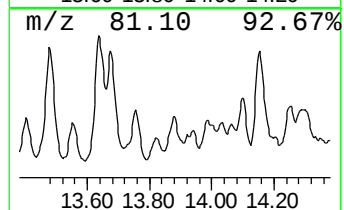
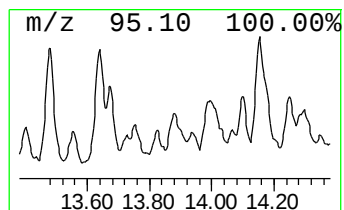
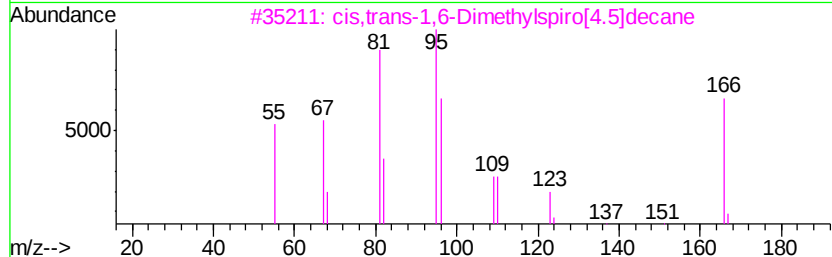
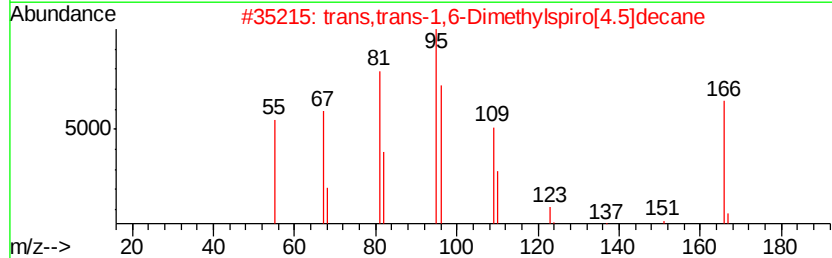
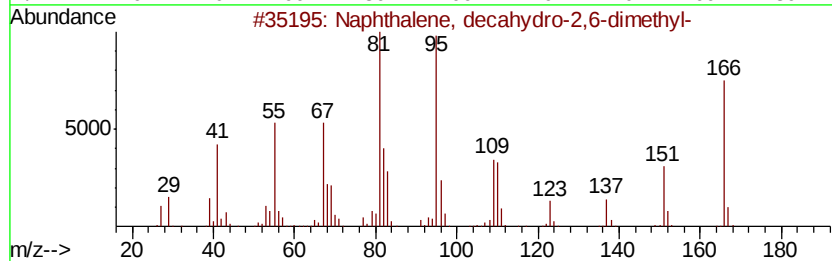
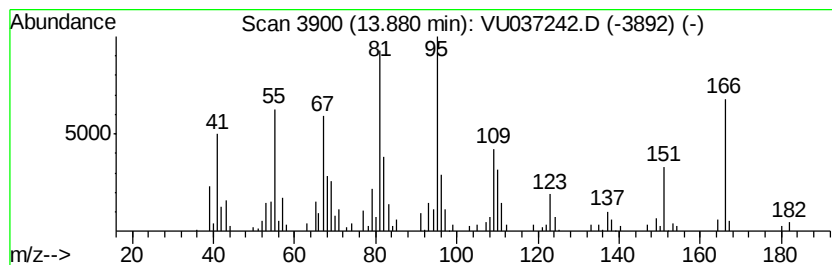
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Naphthalene, decahydro-2,6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	1.02 ug/L	100418	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	91
2		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	83
3		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	83
4		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	83
5		cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

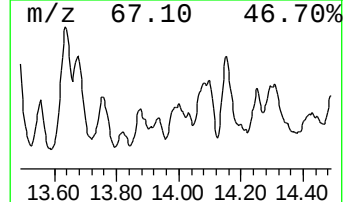
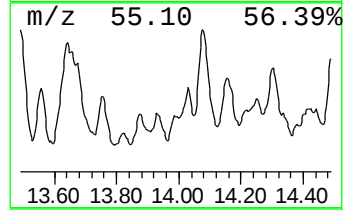
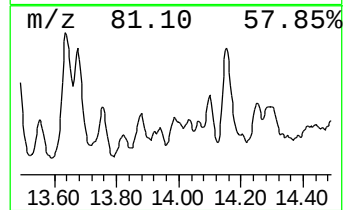
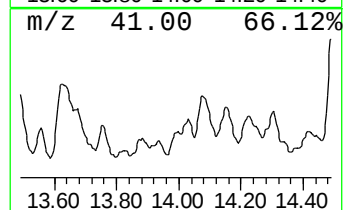
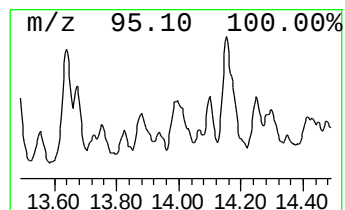
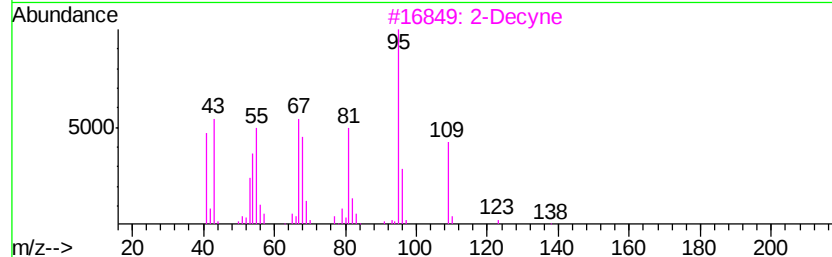
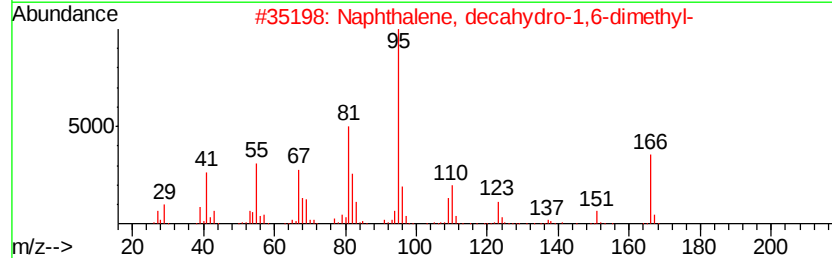
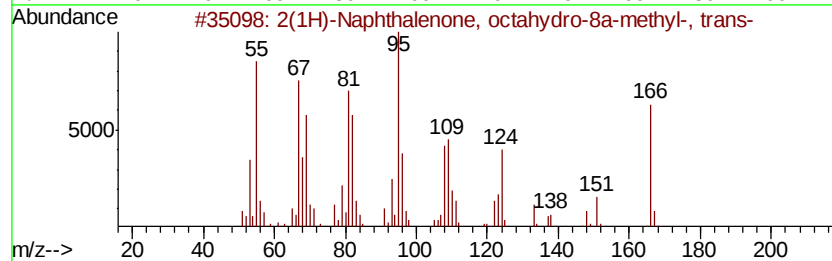
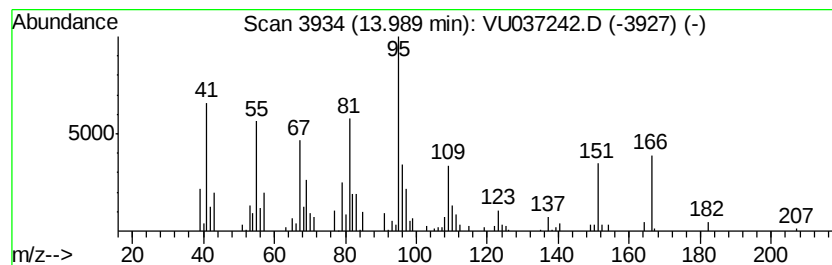
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 2(1H)-Naphthalenone, octahydro... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	0.52 ug/L	50935	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	83
2		Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	59
3		2-Decyne	138	C10H18	002384-70-5	53
4		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	52
5		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

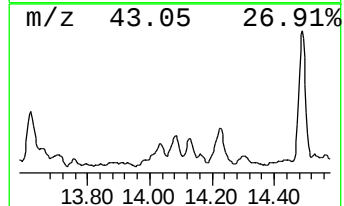
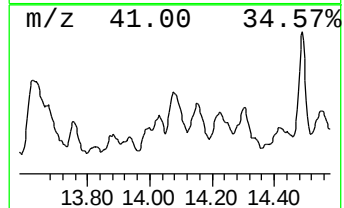
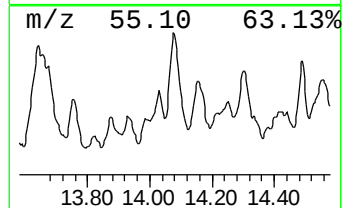
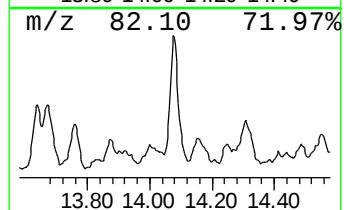
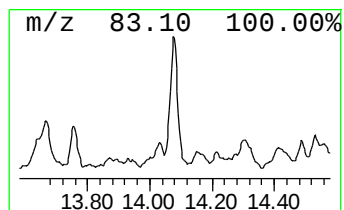
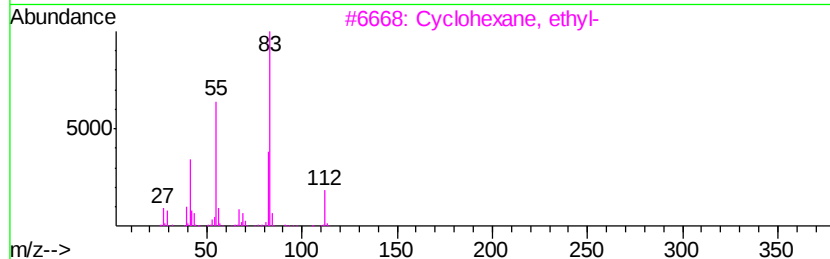
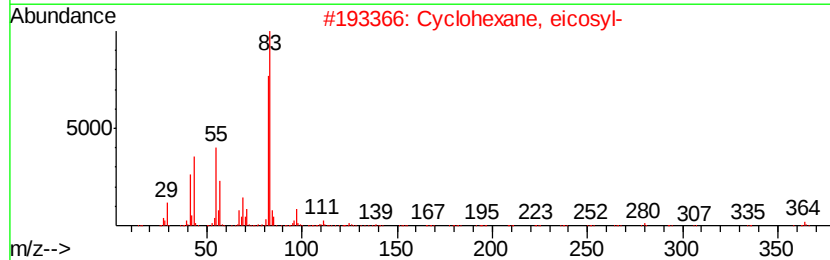
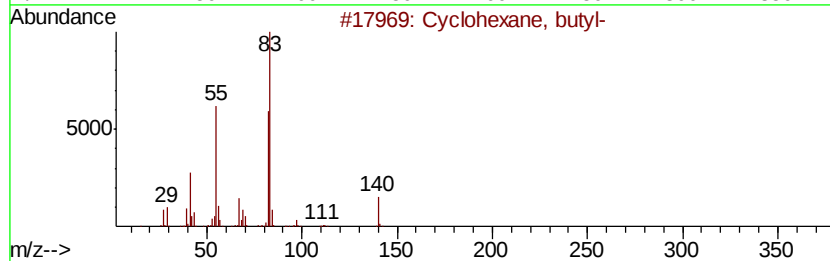
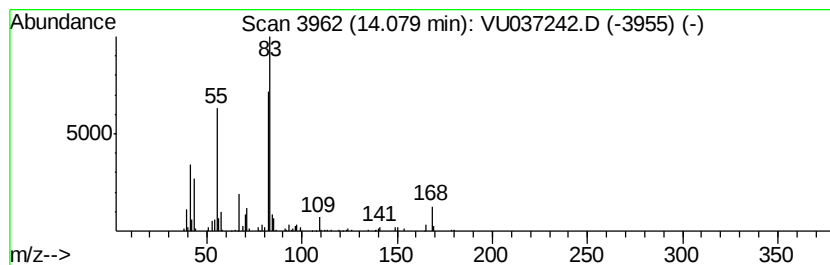
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Cyclic14.08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.08 ug/L	204333	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

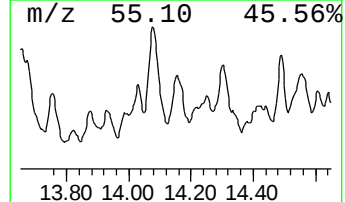
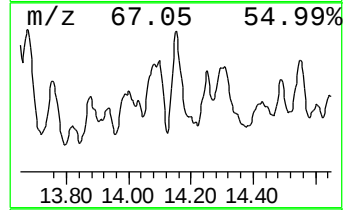
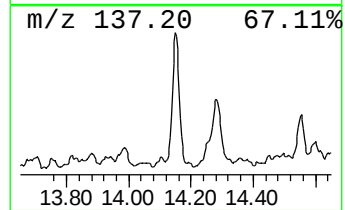
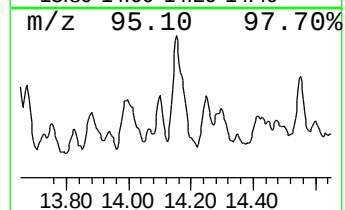
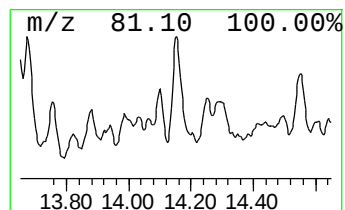
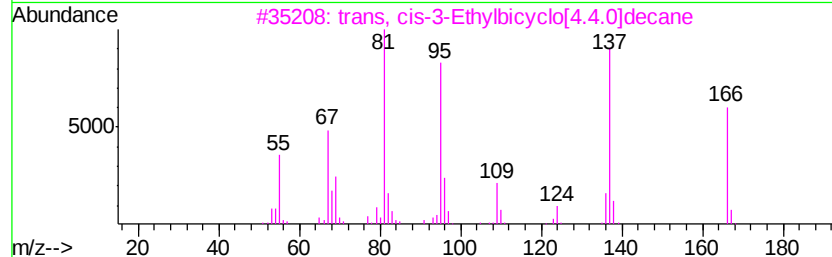
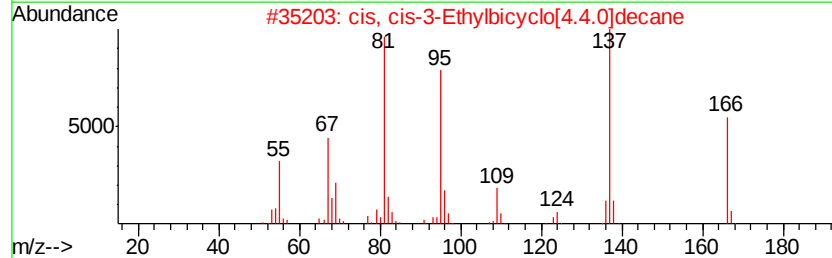
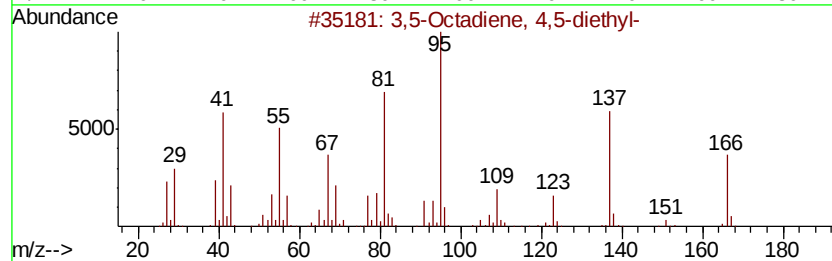
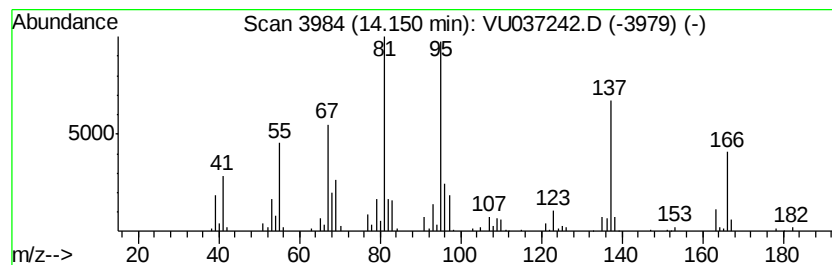
Instrument :
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ClientSampleId :
DBER6

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 3,5-Octadiene, 4,5-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.15	1.74 ug/L	170255	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	80
2	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	80
3	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	68
4	Cyclohexene, 4-methyl-1-(1-methv...	138	C10H18	000500-00-5	64
5	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

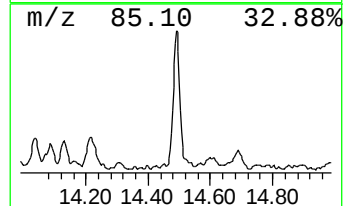
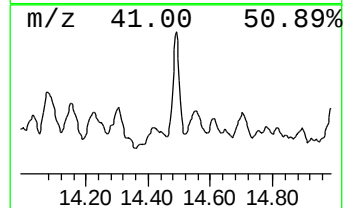
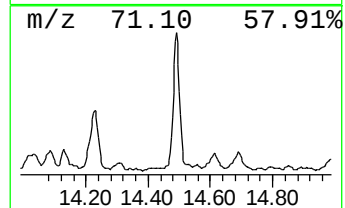
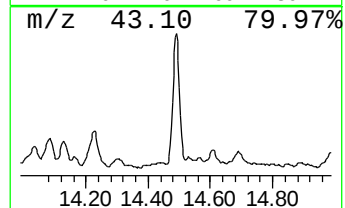
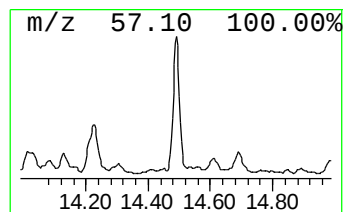
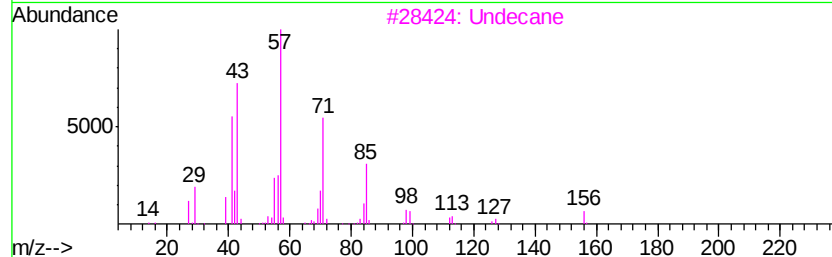
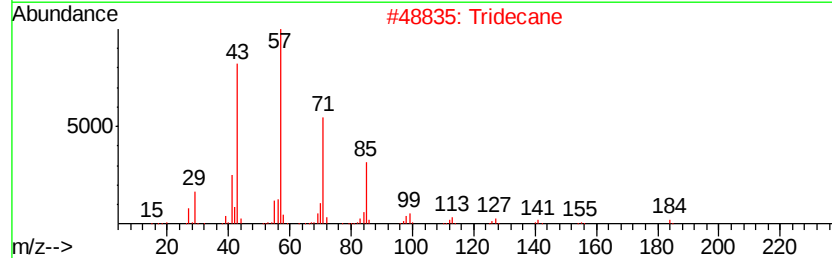
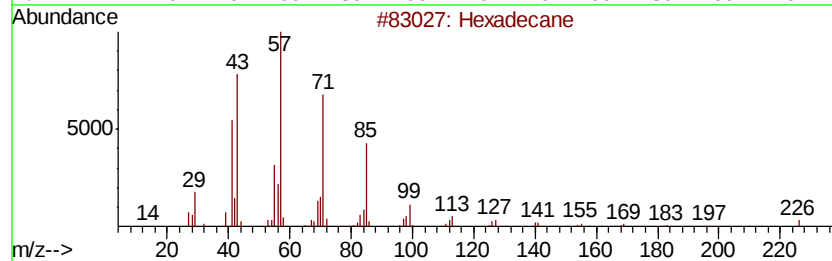
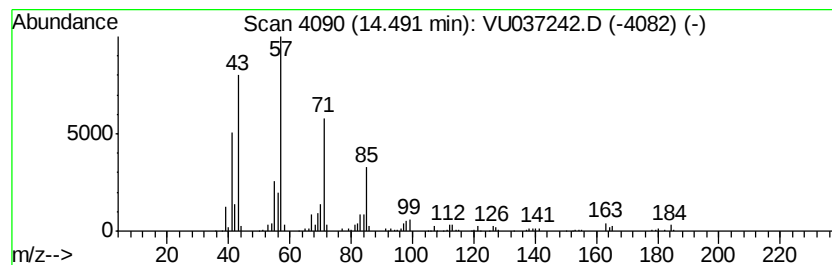
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.50 ug/L	245331	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Undecane	156	C11H24	001120-21-4	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Nonane	128	C9H20	000111-84-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031320\
Data File : VU037242.D
Acq On : 13 Mar 2020 15:17
Operator : JC/MD
Sample : L1891-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBER6

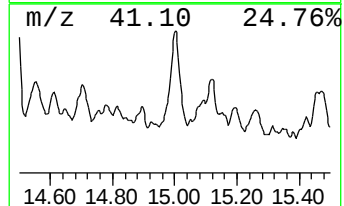
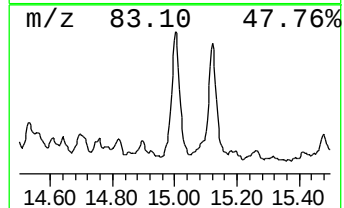
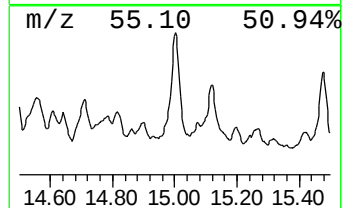
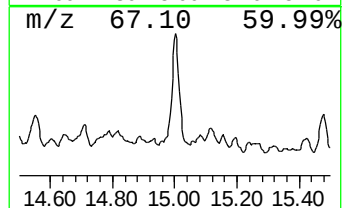
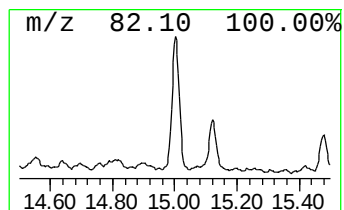
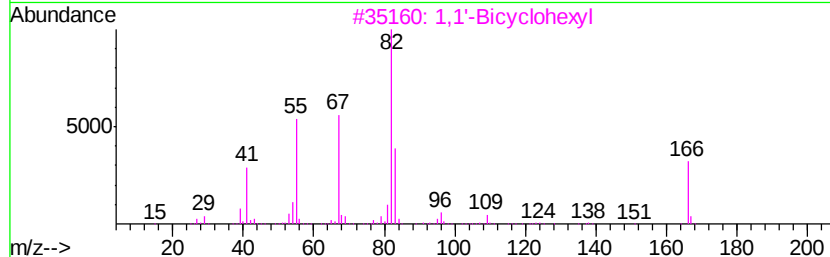
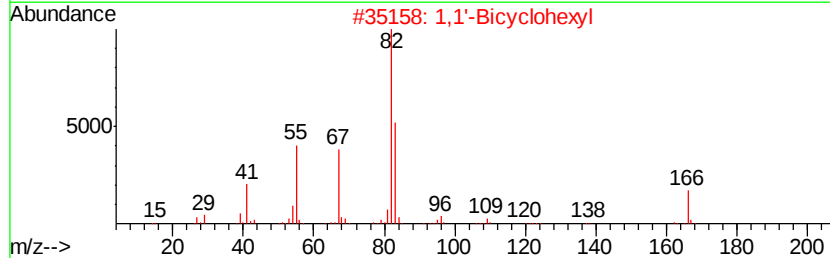
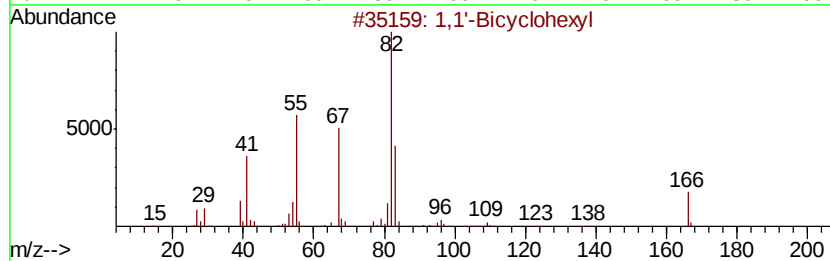
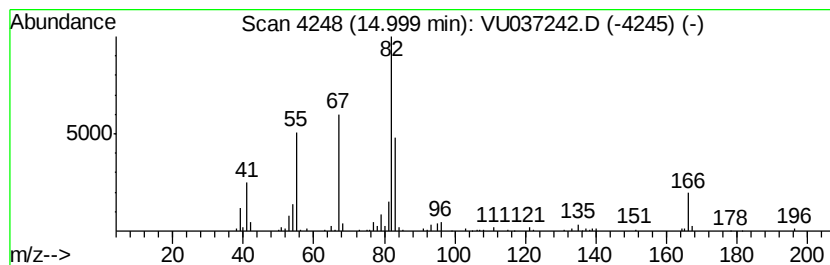
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 1,1'-Bicyclohexyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	1.99 ug/L	195290	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Bicyclohexyl	166	C12H22	000092-51-3	93
2	1,1'	-Bicyclohexyl	166	C12H22	000092-51-3	90
3	1,1'	-Bicyclohexyl	166	C12H22	000092-51-3	87
4	1,1'	-Bicyclohexyl	166	C12H22	000092-51-3	74
5	Succinic acid, di(trans-hex-3-en...		282	C16H26O4	1000353-43-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031320\
 Data File : VU037242.D
 Acq On : 13 Mar 2020 15:17
 Operator : JC/MD
 Sample : L1891-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.51	1.2	ug/L	73321	1	6.28	305987	5.0
(DEL) Alkane: Cyc...	9.59	0.6	ug/L	44973	2	9.44	393300	5.0
(DEL) Alkane: Cyc...	9.65	1.0	ug/L	78604	2	9.44	393300	5.0
(DEL) Alkane: Cyc...	10.06	1.6	ug/L	130124	2	9.44	393300	5.0
(DEL) Alkane: Cyc...	10.38	0.8	ug/L	65700	2	9.44	393300	5.0
(DEL) Alkane: Cyc...	10.72	0.6	ug/L	61072	3	11.83	490485	5.0
unknown-01	10.83	1.2	ug/L	113744	3	11.83	490485	5.0
Oxalic acid, cycl...	10.97	0.5	ug/L	49565	3	11.83	490485	5.0
(DEL) Alkane: Str...	11.03	0.6	ug/L	57719	3	11.83	490485	5.0
(DEL) Alkane: Cyc...	11.08	0.9	ug/L	88693	3	11.83	490485	5.0
(DEL) Alkane: Cyc...	11.20	0.6	ug/L	56166	3	11.83	490485	5.0
1H-Indene, octahy...	11.32	1.6	ug/L	154737	3	11.83	490485	5.0
(DEL) Alkane: Str...	11.43	1.1	ug/L	110056	3	11.83	490485	5.0
(DEL) Alkane: Cyc...	11.51	1.0	ug/L	97203	3	11.83	490485	5.0
unknown-02	11.65	0.5	ug/L	52625	3	11.83	490485	5.0
(DEL) Alkane: Cyc...	11.73	1.3	ug/L	125559	3	11.83	490485	5.0
(DEL) Alkane: Str...	11.89	0.5	ug/L	53255	3	11.83	490485	5.0
(DEL) Alkane: Str...	11.92	0.7	ug/L	72175	3	11.83	490485	5.0
(DEL) Alkane: Str...	12.01	1.4	ug/L	137108	3	11.83	490485	5.0
Oxalic acid, ally...	12.34	3.3	ug/L	319483	3	11.83	490485	5.0
Zinc, bis[2-(1,1-...	12.40	1.6	ug/L	152673	3	11.83	490485	5.0
Propanedinitrile,...	12.51	1.0	ug/L	99894	3	11.83	490485	5.0
Oxalic acid, 2-et...	12.69	0.6	ug/L	59917	3	11.83	490485	5.0
Naphthalene, deca...	12.77	1.1	ug/L	103988	3	11.83	490485	5.0
Naphthalene, deca...	12.85	4.6	ug/L	455055	3	11.83	490485	5.0
(DEL) Alkane: Cyc...	12.95	2.0	ug/L	197809	3	11.83	490485	5.0
(DEL) Alkane: Str...	13.03	0.8	ug/L	73451	3	11.83	490485	5.0
1-Methyldecahydro...	13.07	4.1	ug/L	406056	3	11.83	490485	5.0
unknown-03	13.16	1.7	ug/L	168149	3	11.83	490485	5.0
unknown-04	13.22	0.9	ug/L	87222	3	11.83	490485	5.0
(DEL) Alkane: Str...	13.47	6.9	ug/L	679823	3	11.83	490485	5.0
2-Cyclopenten-1-o...	13.56	1.1	ug/L	113288	3	11.83	490485	5.0
trans,trans-1,6-D...	13.64	5.3	ug/L	514871	3	11.83	490485	5.0
1-Hexadecyne	13.75	1.3	ug/L	125467	3	11.83	490485	5.0
Naphthalene, deca...	13.88	1.0	ug/L	100418	3	11.83	490485	5.0
2(1H)-Naphthaleno...	13.99	0.5	ug/L	50935	3	11.83	490485	5.0
(DEL) Alkane: Cyc...	14.08	2.1	ug/L	204333	3	11.83	490485	5.0
3,5-Octadiene, 4,...	14.15	1.7	ug/L	170255	3	11.83	490485	5.0
(DEL) Alkane: Str...	14.49	2.5	ug/L	245331	3	11.83	490485	5.0
1,1'-Bicyclohexyl	15.00	2.0	ug/L	195290	3	11.83	490485	5.0