

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
 Data File : VV006247.D
 Acq On : 12 Jun 2018 14:46
 Operator : SY/MD
 Sample : J3405-01DL2 100X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAWS3DL2

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_V\METHOD\SOMVTR053118WMA.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	1.029	31	43	67	rBV	1249882	1434166	45.04%	6.107%
2	1.321	125	134	154	rBV	103126	127363	4.00%	0.542%
3	1.582	208	215	231	rVB	96855	117702	3.70%	0.501%
4	2.135	376	387	396	rBV	206388	301928	9.48%	1.286%
5	2.189	396	404	422	rVB	230380	341692	10.73%	1.455%
6	2.540	506	513	526	rVB	29849	46924	1.47%	0.200%
7	2.996	646	655	669	rVB	29200	56191	1.76%	0.239%
8	3.755	875	891	915	rBV2	116433	288645	9.07%	1.229%
9	3.945	934	950	998	rVB3	127862	408132	12.82%	1.738%
10	4.408	1077	1094	1114	rBV	144261	344468	10.82%	1.467%
11	5.099	1289	1309	1322	rBV2	336382	801927	25.19%	3.415%
12	5.668	1471	1486	1505	rBV	337480	657706	20.66%	2.801%
13	5.961	1563	1577	1606	rBV4	64277	137583	4.32%	0.586%
14	6.122	1612	1627	1651	rBV	187151	380161	11.94%	1.619%
15	7.035	1896	1911	1932	rBV	105077	186350	5.85%	0.794%
16	7.279	1976	1987	2000	rBV	55463	97080	3.05%	0.413%
17	7.363	2000	2013	2025	rVV	396525	676753	21.26%	2.882%
18	7.433	2025	2035	2069	rVB	280879	490757	15.41%	2.090%
19	7.668	2097	2108	2124	rBV	63643	105791	3.32%	0.450%
20	8.022	2208	2218	2238	rVB2	33018	61113	1.92%	0.260%
21	8.134	2238	2253	2296	rBV3	768536	1489458	46.78%	6.343%
22	8.305	2296	2306	2321	rVB2	35541	62331	1.96%	0.265%
23	8.900	2470	2491	2513	rBV	466404	822316	25.83%	3.502%
24	9.060	2530	2541	2550	rBV	62535	98870	3.11%	0.421%
25	9.183	2568	2579	2594	rVB	226452	371126	11.66%	1.580%
26	9.289	2605	2612	2627	rVB2	21611	33365	1.05%	0.142%
27	9.430	2647	2656	2674	rVB	22400	37847	1.19%	0.161%
28	9.591	2694	2706	2717	rBV	208918	333566	10.48%	1.420%
29	9.748	2741	2755	2765	rBV3	21371	41107	1.29%	0.175%
30	9.806	2765	2773	2784	rBV	32911	48690	1.53%	0.207%
31	9.980	2817	2827	2840	rVB	27309	41976	1.32%	0.179%
32	10.195	2882	2894	2900	rBV2	21233	39260	1.23%	0.167%
33	10.266	2907	2916	2926	rBV	135163	203179	6.38%	0.865%
34	10.327	2926	2935	2944	rVV	133177	192159	6.04%	0.818%

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

Filtering: 5
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 Title : TRACE VOA SOM01.0

35	10.388	2944	2954	2976	rVV3	80298	216302	6.79%	0.921%
36	10.498	2976	2988	3006	rVV	219926	491518	15.44%	2.093%
37	10.588	3006	3016	3032	rVB	150570	241364	7.58%	1.028%
38	10.742	3049	3064	3073	rBV	680329	1076199	33.80%	4.583%
39	10.787	3073	3078	3101	rVB	193531	292486	9.19%	1.245%
40	10.893	3101	3111	3123	rBV	119500	187889	5.90%	0.800%
41	10.964	3123	3133	3153	rVB	372878	574077	18.03%	2.445%
42	11.070	3153	3166	3183	rBV	705134	1208745	37.96%	5.147%
43	11.240	3207	3219	3224	rBV6	46482	81247	2.55%	0.346%
44	11.292	3224	3235	3248	rVV3	1930894	3183928	100.00%	13.558%
45	11.356	3249	3255	3259	rVV	128485	193978	6.09%	0.826%
46	11.385	3260	3264	3280	rVB	185256	268904	8.45%	1.145%
47	11.494	3289	3298	3306	rBV3	25069	40571	1.27%	0.173%
48	11.549	3306	3315	3318	rVV	61213	86061	2.70%	0.366%
49	11.584	3318	3326	3345	rVV3	274898	600879	18.87%	2.559%
50	11.678	3345	3355	3373	rVB2	417851	736313	23.13%	3.135%
51	11.880	3408	3418	3433	rVB2	111889	192746	6.05%	0.821%
52	11.973	3435	3447	3469	rVB2	222228	469330	14.74%	1.999%
53	12.070	3469	3477	3494	rVB3	53012	103284	3.24%	0.440%
54	12.160	3494	3505	3519	rBV4	29640	69288	2.18%	0.295%
55	12.231	3520	3527	3540	rVB4	21841	36586	1.15%	0.156%
56	12.314	3541	3553	3555	rBV4	29600	48756	1.53%	0.208%
57	12.459	3584	3598	3606	rBV7	21367	51496	1.62%	0.219%
58	12.514	3606	3615	3631	rVB2	219425	368577	11.58%	1.570%
59	12.607	3631	3644	3657	rBV	155177	245648	7.72%	1.046%
60	12.838	3707	3716	3726	rBV5	28594	57940	1.82%	0.247%
61	12.903	3726	3736	3741	rVV6	39541	75890	2.38%	0.323%
62	12.935	3742	3746	3755	rVV3	35407	54228	1.70%	0.231%
63	12.989	3755	3763	3772	rVV	36624	61294	1.93%	0.261%
64	13.047	3772	3781	3791	rVV4	55437	90772	2.85%	0.387%
65	13.234	3828	3839	3854	rVV	61719	109495	3.44%	0.466%
66	13.324	3856	3867	3881	rVB5	41751	75191	2.36%	0.320%
67	13.469	3892	3912	3925	rBV2	317065	611596	19.21%	2.604%
68	13.562	3933	3941	3958	rVB	33178	64032	2.01%	0.273%
69	13.678	3958	3977	3984	rBV5	19774	48621	1.53%	0.207%
70	13.870	4026	4037	4050	rBV4	50266	91953	2.89%	0.392%
71	14.079	4093	4102	4112	rVV2	54431	83960	2.64%	0.358%

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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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Title : TRACE VOA SOM01.0

72	14.253	4146	4156	4166	rBV	76849	114806	3.61%	0.489%
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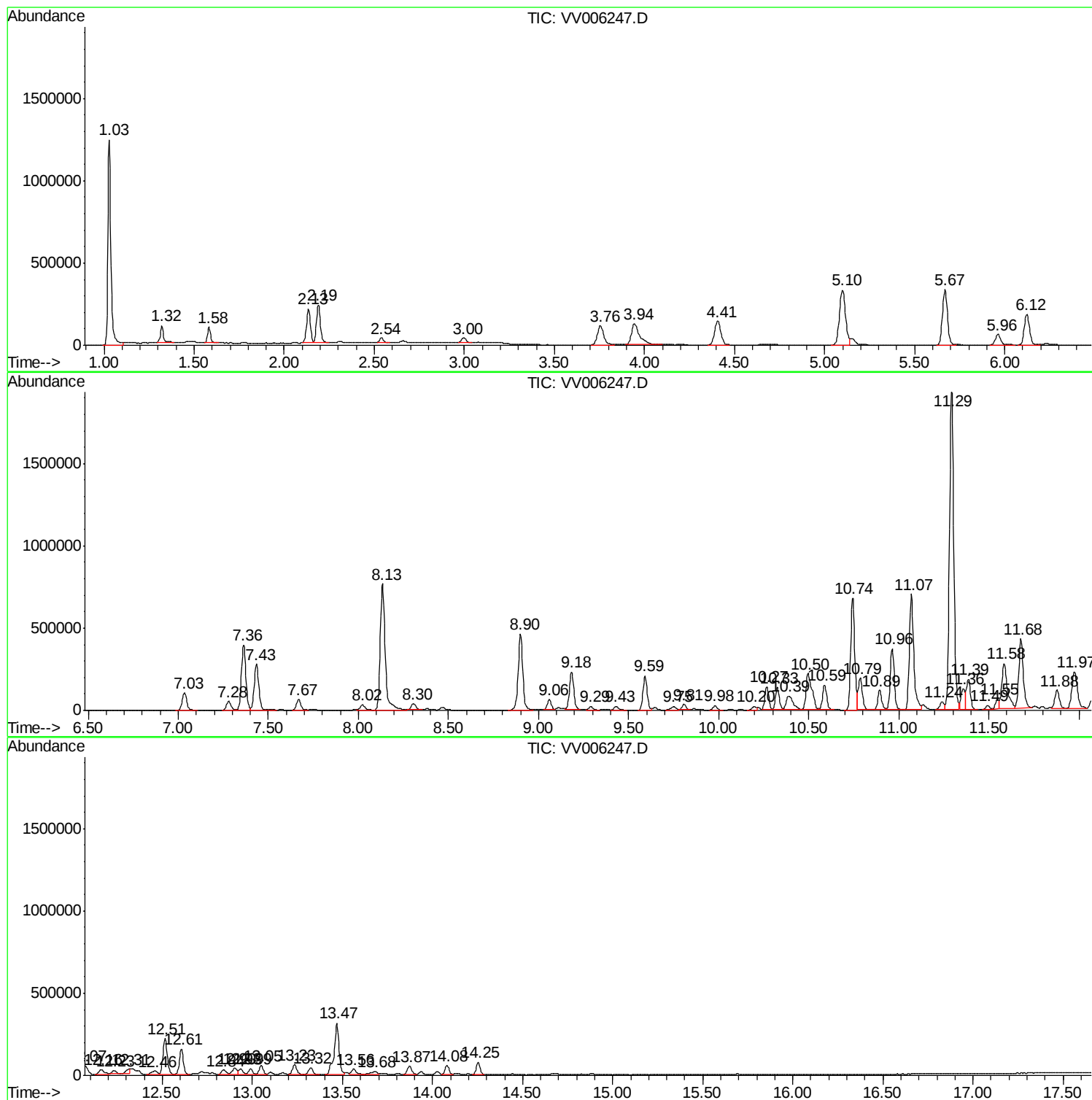
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0

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



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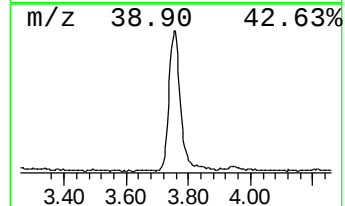
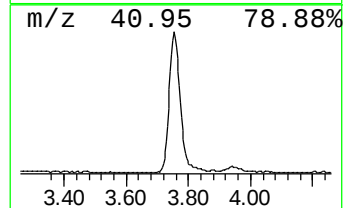
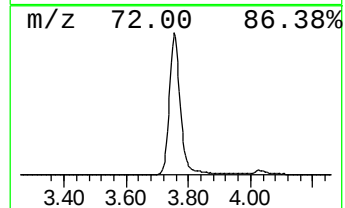
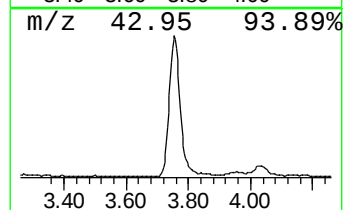
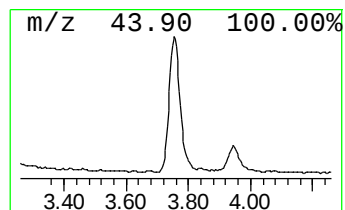
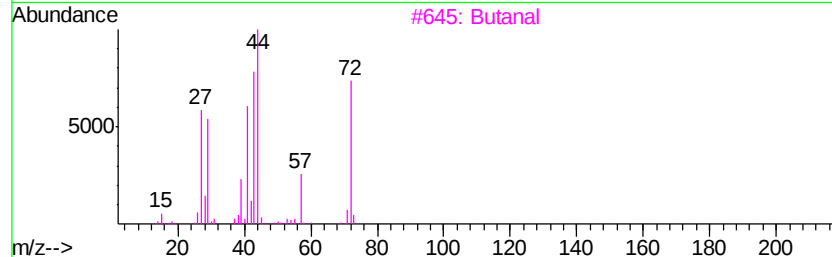
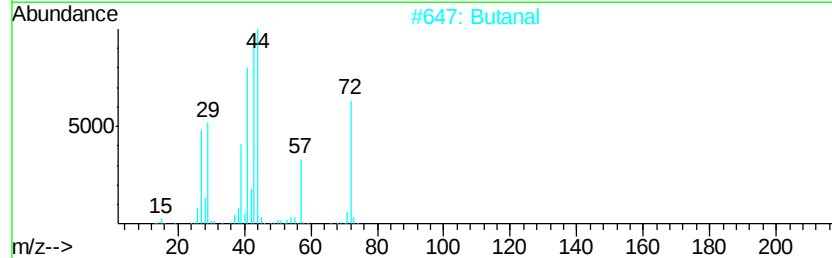
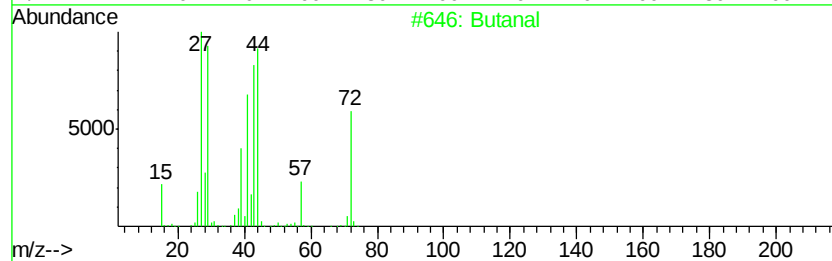
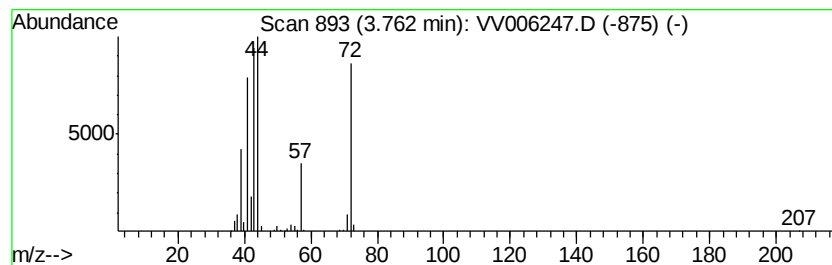
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.19 ug/L	288645	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	91
2		Butanal	72	C4H8O	000123-72-8	90
3		Butanal	72	C4H8O	000123-72-8	72
4		Butanal	72	C4H8O	000123-72-8	49
5		1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	47



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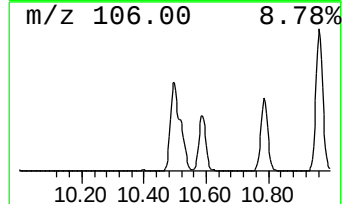
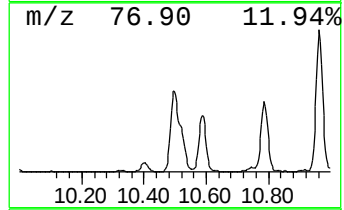
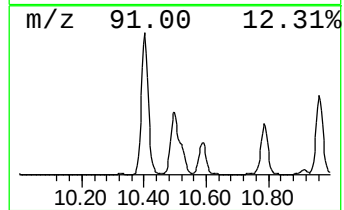
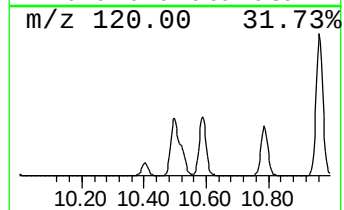
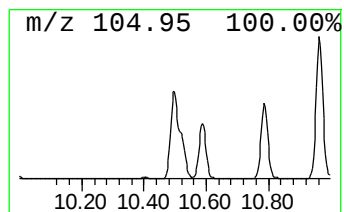
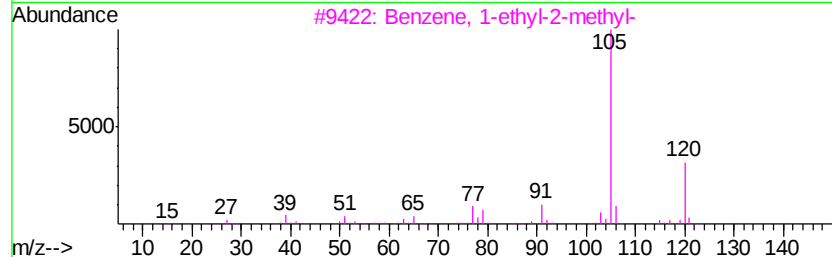
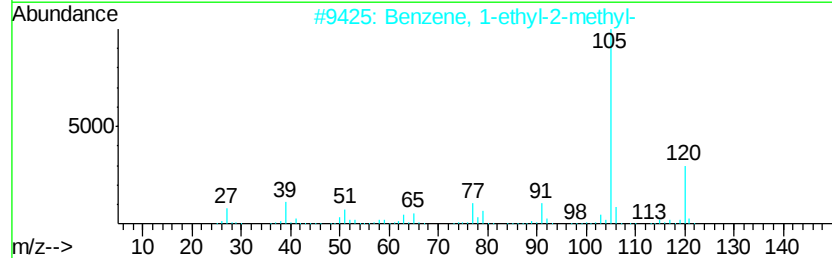
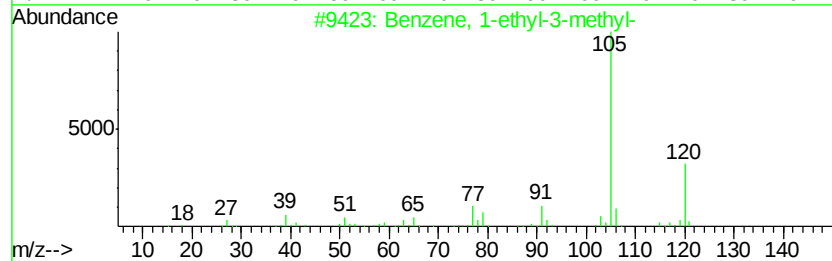
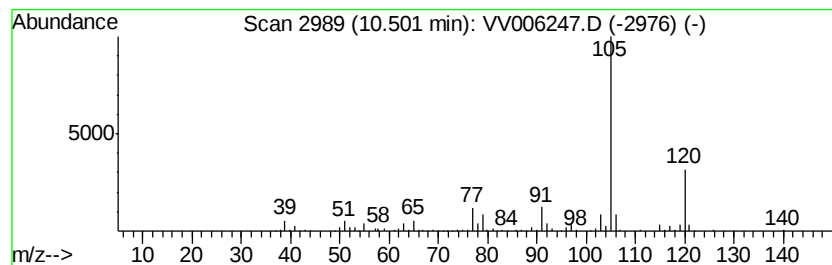
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	0.77 ug/L	491518	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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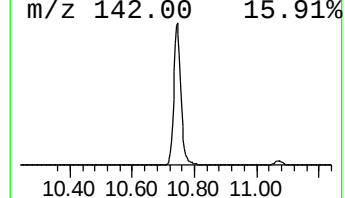
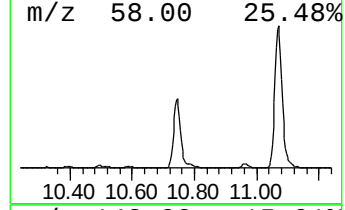
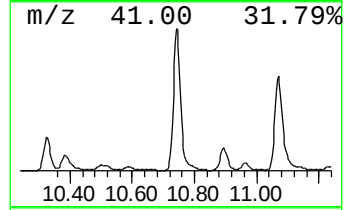
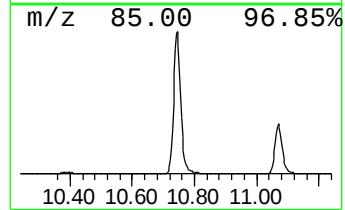
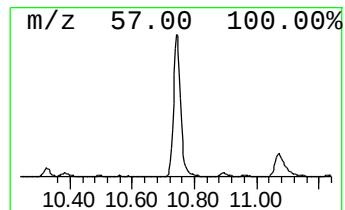
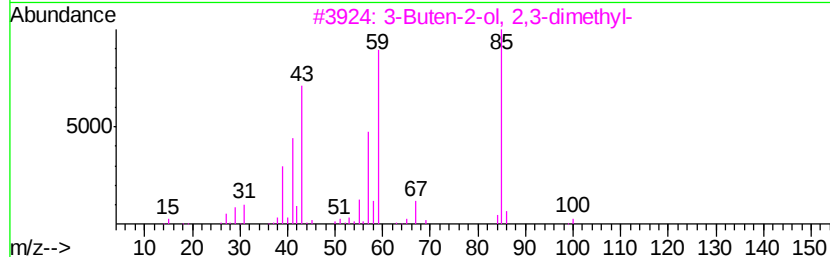
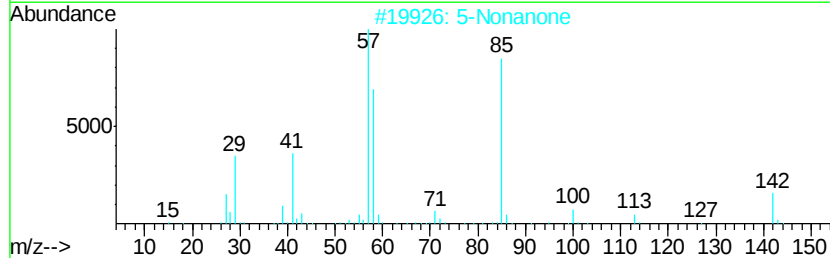
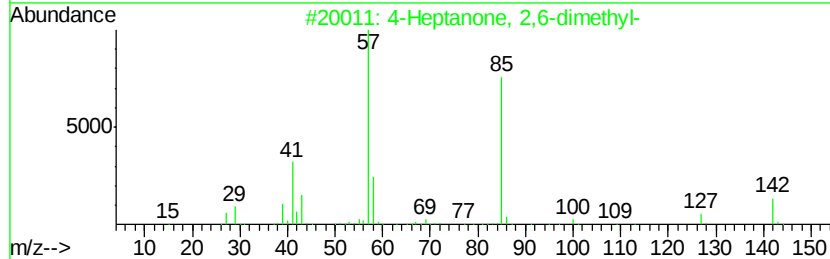
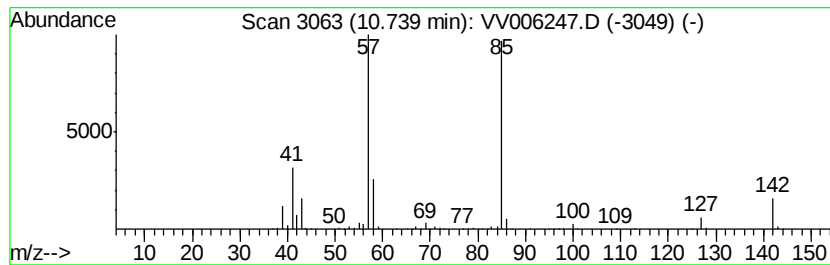
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.74	1.69 ug/L	1076200	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	5-Nonanone	142	C9H18O	000502-56-7	59
3	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	50
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	50



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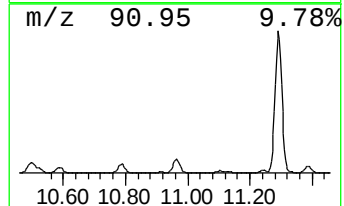
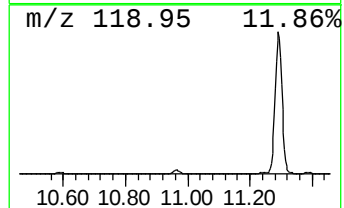
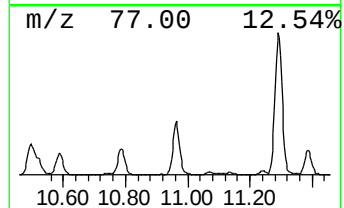
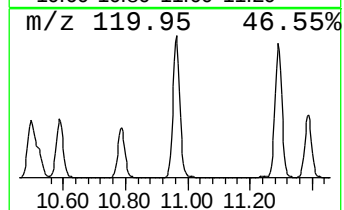
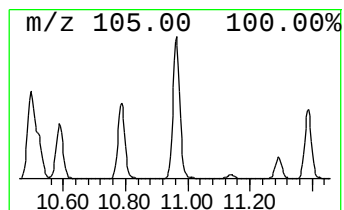
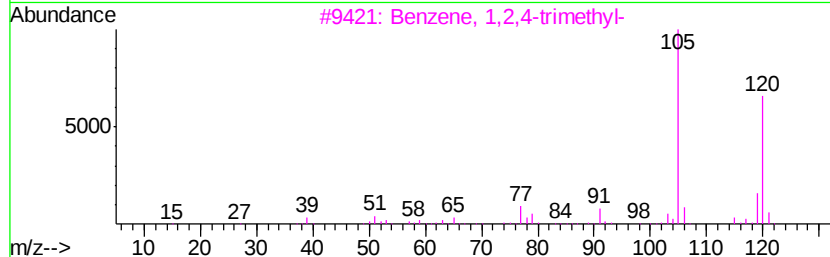
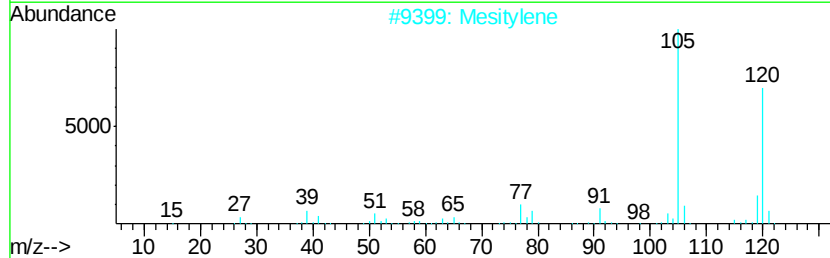
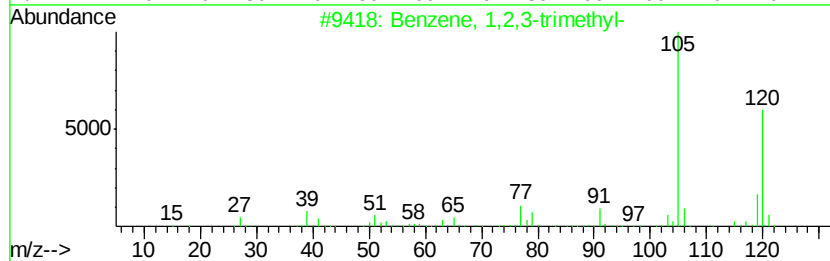
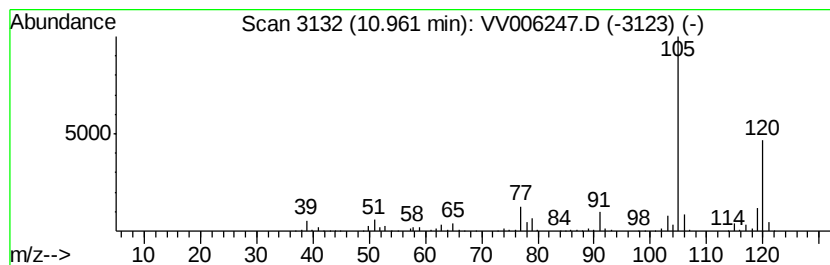
Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	0.90 ug/L	574077	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 97
2		Mesitylene	120 C9H12	000108-67-8 95
3		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 95
4		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 95
5		Mesitylene	120 C9H12	000108-67-8 94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
Data File : VV006247.D
Acq On : 12 Jun 2018 14:46
Operator : SY/MD
Sample : J3405-01DL2 100X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

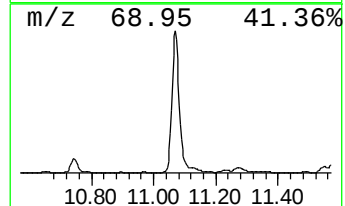
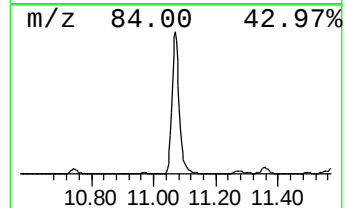
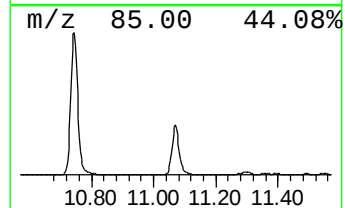
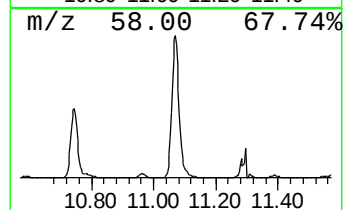
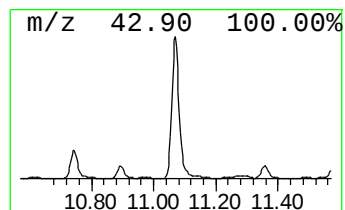
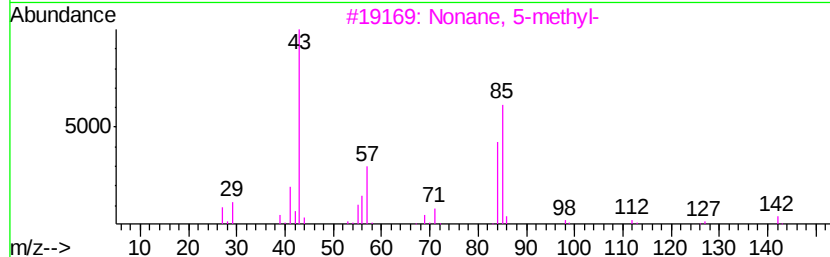
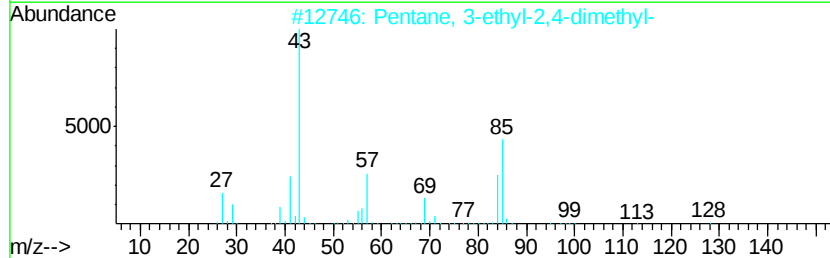
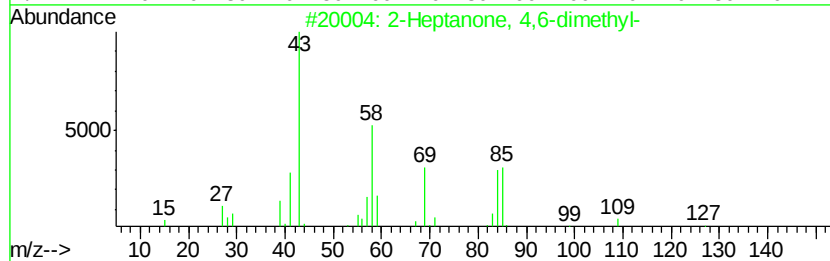
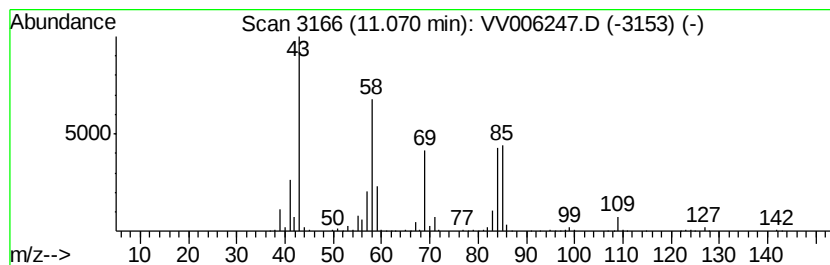
Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 2-Heptanone, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.90 ug/L	1208750	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Heptanone, 4,6-dimethyl-	142 C9H18O	019549-80-5	90
2	Pentane, 3-ethyl-2,4-dimethyl-	128 C9H20	001068-87-7	38
3	Nonane, 5-methyl-	142 C10H22	015869-85-9	37
4	2-Nonanone, 9-[(tetrahydro-2H-py...	242 C14H26O3	054699-41-1	36
5	4-Methylpentan-2-yl propyl carbo...	188 C10H20O3	1000372-81-8	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
Data File : VV006247.D
Acq On : 12 Jun 2018 14:46
Operator : SY/MD
Sample : J3405-01DL2 100X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

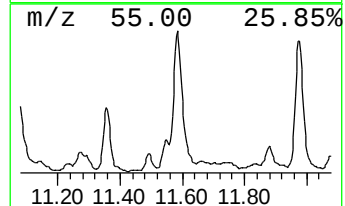
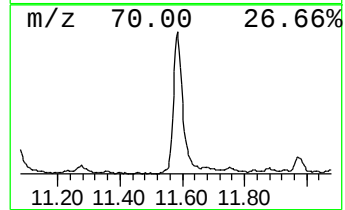
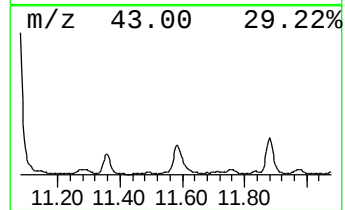
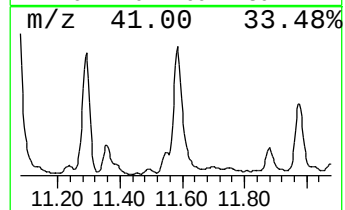
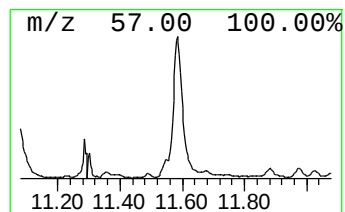
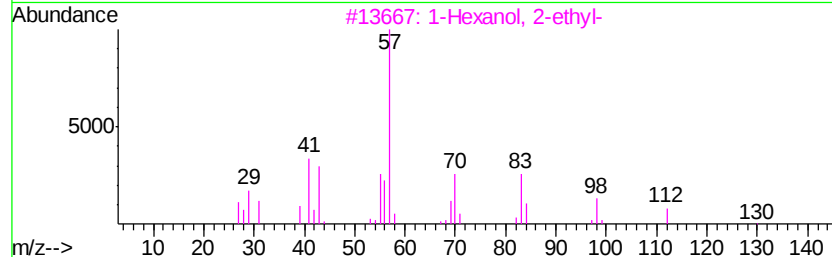
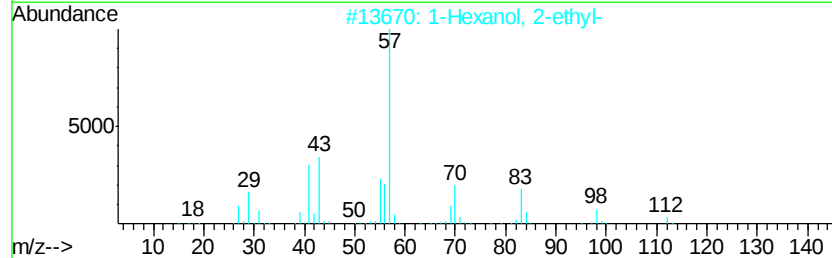
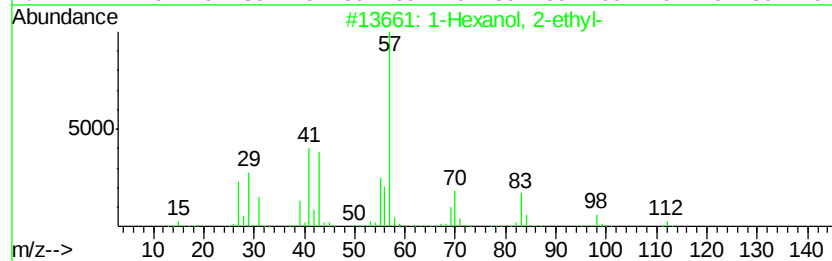
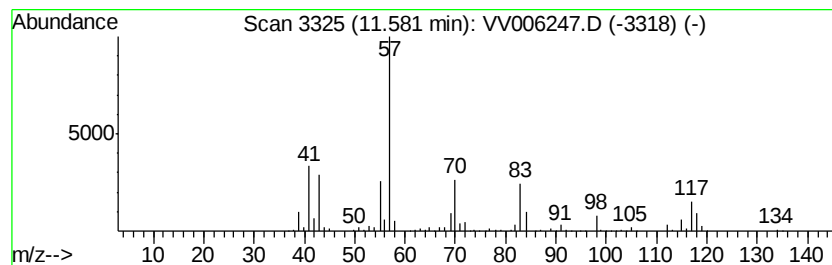
Instrument :
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ClientSampleId :
DAWS3DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.58	0.94 ug/L	600879	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
Data File : VV006247.D
Acq On : 12 Jun 2018 14:46
Operator : SY/MD
Sample : J3405-01DL2 100X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

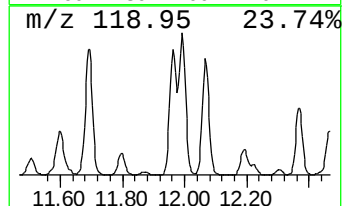
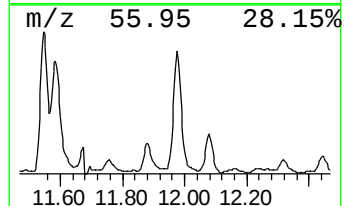
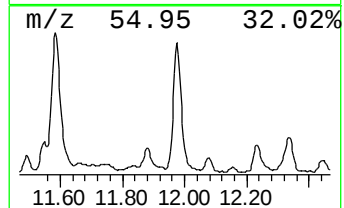
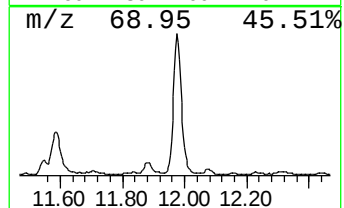
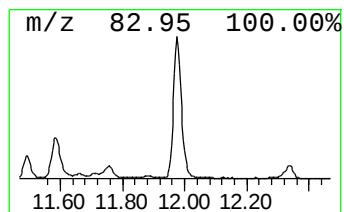
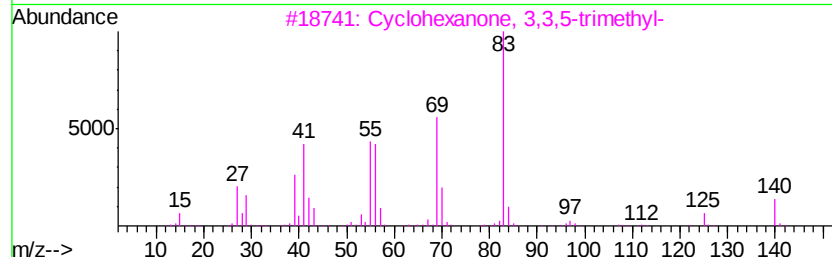
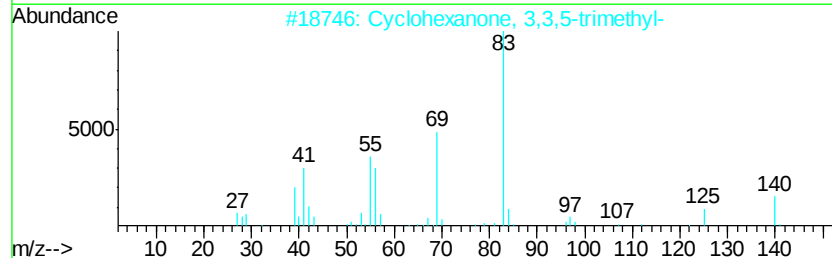
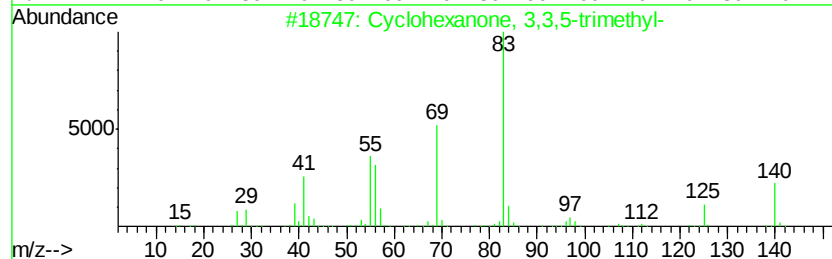
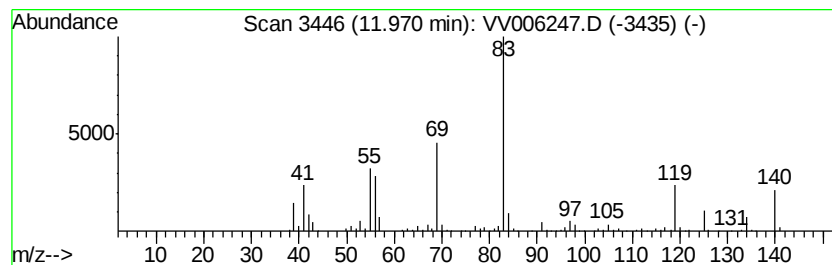
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Cyclohexanone, 3,3,5-trimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	0.74 ug/L	469330	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	80
5		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
Data File : VV006247.D
Acq On : 12 Jun 2018 14:46
Operator : SY/MD
Sample : J3405-01DL2 100X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

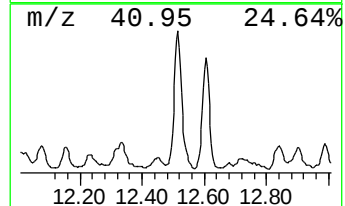
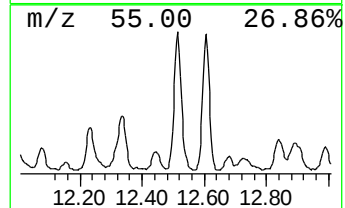
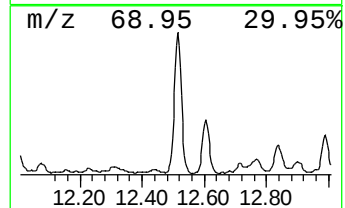
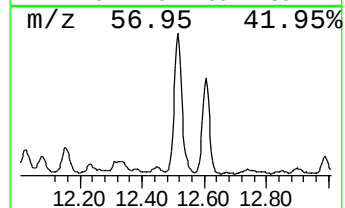
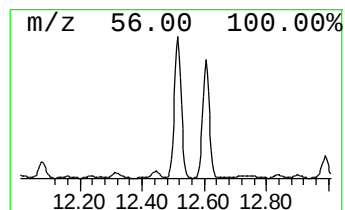
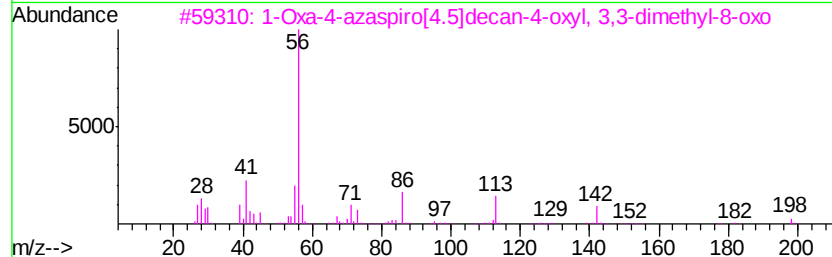
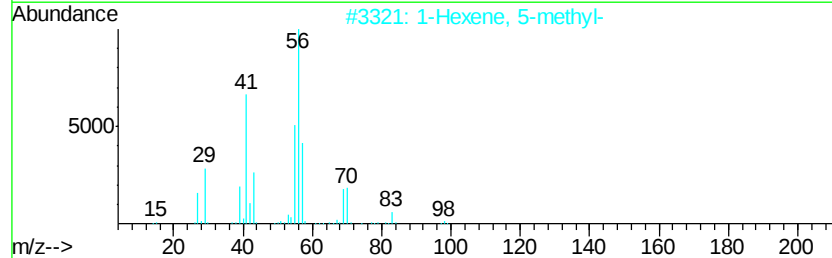
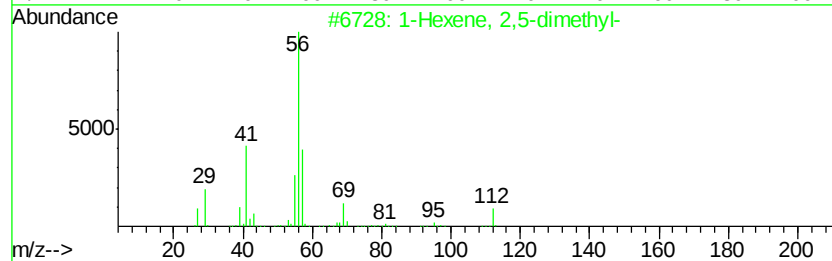
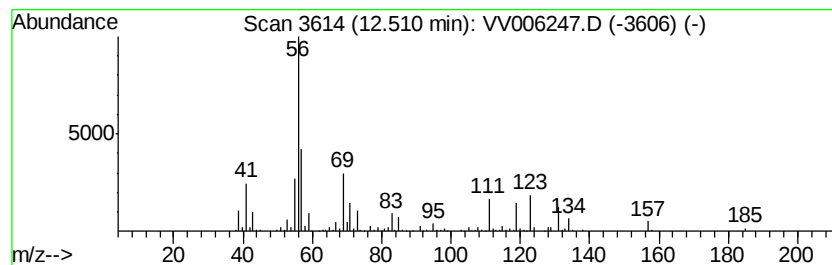
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 1-Hexene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	0.58 ug/L	368577	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
2			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38
3			1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16N03	1000115-84-0	38
4			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
5			Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
Data File : VV006247.D
Acq On : 12 Jun 2018 14:46
Operator : SY/MD
Sample : J3405-01DL2 100X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

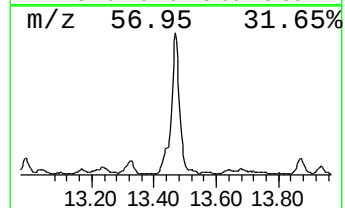
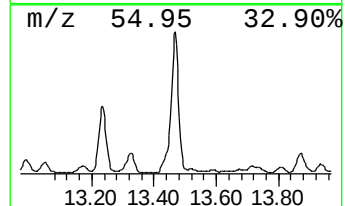
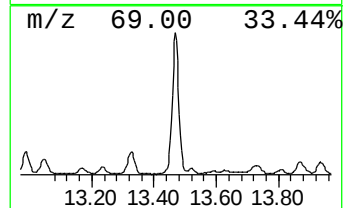
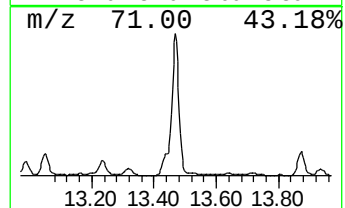
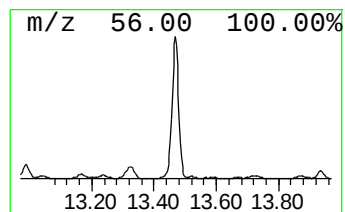
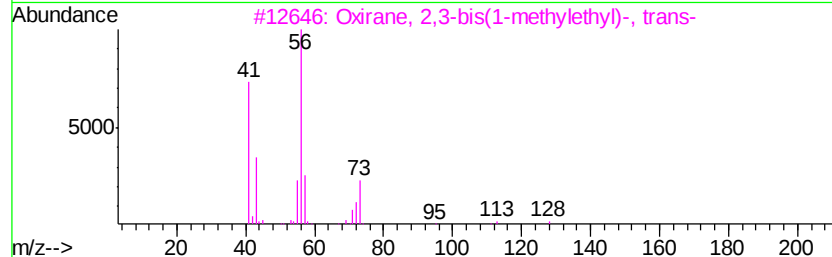
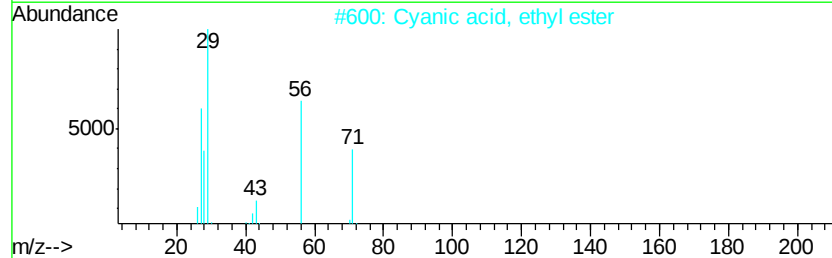
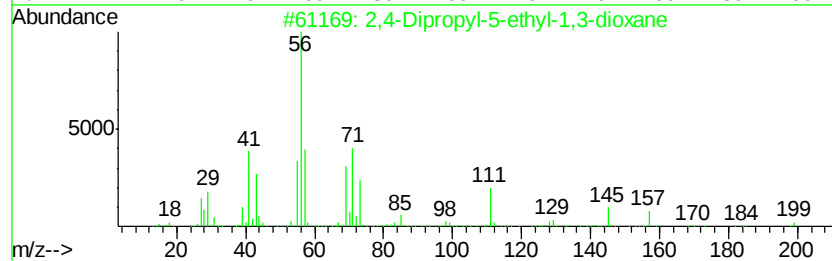
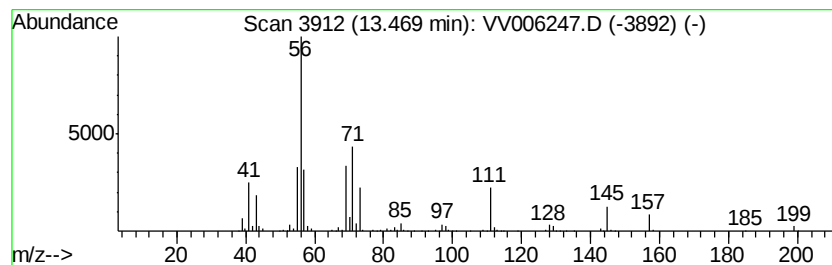
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	0.96 ug/L	611596	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	91
2			Cyanoic acid, ethyl ester	71	C3H5NO	000627-48-5	52
3			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
4			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	28
5			Tridecane, 7-methylene-	196	C14H28	019780-80-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061218\
Data File : VV006247.D
Acq On : 12 Jun 2018 14:46
Operator : SY/MD
Sample : J3405-01DL2 100X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DAWS3DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.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
Butanal	3.76	2.2	ug/L	288645	1	5.67	657706	5.0
Benzene, 1-ethyl-...	10.50	0.8	ug/L	491518	3	11.30	3183930	5.0
4-Heptanone, 2,6-...	10.74	1.7	ug/L	1076200	3	11.30	3183930	5.0
Benzene, 1,2,3-tr...	10.96	0.9	ug/L	574077	3	11.30	3183930	5.0
2-Heptanone, 4,6-...	11.07	1.9	ug/L	1208750	3	11.30	3183930	5.0
1-Hexanol, 2-ethyl-	11.58	0.9	ug/L	600879	3	11.30	3183930	5.0
Cyclohexanone, 3,...	11.97	0.7	ug/L	469330	3	11.30	3183930	5.0
1-Hexene, 2,5-dim...	12.51	0.6	ug/L	368577	3	11.30	3183930	5.0
2,4-Dipropyl-5-et...	13.47	1.0	ug/L	611596	3	11.30	3183930	5.0