

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040164.D
 Acq On : 16 Sep 2020 22:17
 Operator : SY/MD
 Sample : L4046-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P0

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\SOMUTR083120WMA.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	1.922	166	181	197	rVB3	45894	95708	1.04%	0.275%
2	2.231	265	277	291	rVB3	59473	95998	1.05%	0.276%
3	2.388	313	326	348	rBV	1540237	2386294	26.04%	6.854%
4	2.581	375	386	397	rBV	78814	128742	1.40%	0.370%
5	3.099	539	547	559	rVB3	51181	97479	1.06%	0.280%
6	3.378	619	634	655	rVB2	135088	302449	3.30%	0.869%
7	3.719	724	740	759	rVB3	114672	254092	2.77%	0.730%
8	4.015	811	832	856	rBV	3511998	9164666	100.00%	26.321%
9	4.552	982	999	1016	rBV	334484	810630	8.85%	2.328%
10	4.661	1019	1033	1063	rVB3	35942	128151	1.40%	0.368%
11	5.086	1149	1165	1179	rBV	75691	172693	1.88%	0.496%
12	5.407	1246	1265	1279	rBV3	91301	206954	2.26%	0.594%
13	5.742	1351	1369	1378	rBV3	138797	363511	3.97%	1.044%
14	5.790	1379	1384	1396	rVB2	83495	146082	1.59%	0.420%
15	6.263	1516	1531	1554	rVB	167887	319051	3.48%	0.916%
16	6.703	1653	1668	1678	rBV2	89770	181546	1.98%	0.521%
17	6.774	1679	1690	1701	rVB4	60820	128979	1.41%	0.370%
18	7.722	1970	1985	2002	rBV3	47331	96319	1.05%	0.277%
19	7.870	2016	2031	2035	rBV	84961	145982	1.59%	0.419%
20	7.906	2035	2042	2055	rVB	169930	291754	3.18%	0.838%
21	8.642	2259	2271	2314	rBV	217260	504216	5.50%	1.448%
22	9.449	2501	2522	2555	rBV	3868146	6806831	74.27%	19.550%
23	10.108	2709	2727	2745	rVB4	62129	148572	1.62%	0.427%
24	10.484	2829	2844	2857	rBV	3425406	5337091	58.24%	15.328%
25	10.754	2921	2928	2936	rVB	71637	110553	1.21%	0.318%
26	10.889	2953	2970	2990	rBV2	370013	678056	7.40%	1.947%
27	10.983	2990	2999	3007	rVV	54163	98702	1.08%	0.283%
28	11.288	3083	3094	3103	rBV	137476	219795	2.40%	0.631%
29	11.414	3117	3133	3143	rBV	194479	329955	3.60%	0.948%
30	11.487	3143	3156	3169	rVB3	121636	234930	2.56%	0.675%
31	11.635	3197	3202	3224	rVB5	79349	138178	1.51%	0.397%
32	11.809	3244	3256	3258	rBV	273271	374279	4.08%	1.075%
33	11.883	3270	3279	3291	rVB4	402969	622812	6.80%	1.789%
34	12.089	3326	3343	3358	rVB3	177883	315935	3.45%	0.907%

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Integration Parameters: rteint.p
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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SOM01.0

35	12.198	3360	3377	3398	rVB3	276918	742938	8.11%	2.134%
36	12.565	3481	3491	3499	rBV	172857	251764	2.75%	0.723%
37	12.674	3517	3525	3543	rVB3	47686	109433	1.19%	0.314%
38	12.767	3543	3554	3560	rBV4	81410	134490	1.47%	0.386%
39	12.815	3560	3569	3575	rVV	303451	478829	5.22%	1.375%
40	12.854	3576	3581	3594	rVB2	160135	231346	2.52%	0.664%
41	12.963	3604	3615	3624	rBV	127712	200292	2.19%	0.575%
42	13.465	3757	3771	3791	rVB5	77074	218225	2.38%	0.627%
43	13.597	3805	3812	3827	rVB4	44256	94677	1.03%	0.272%
44	13.838	3875	3887	3901	rBV5	68807	133324	1.45%	0.383%
45	13.986	3924	3933	3951	rVB3	161643	305740	3.34%	0.878%
46	14.751	4160	4171	4182	rBV5	48263	120126	1.31%	0.345%
47	14.963	4227	4237	4253	rBV4	54146	120529	1.32%	0.346%
48	15.063	4258	4268	4277	rVV2	150542	239630	2.61%	0.688%

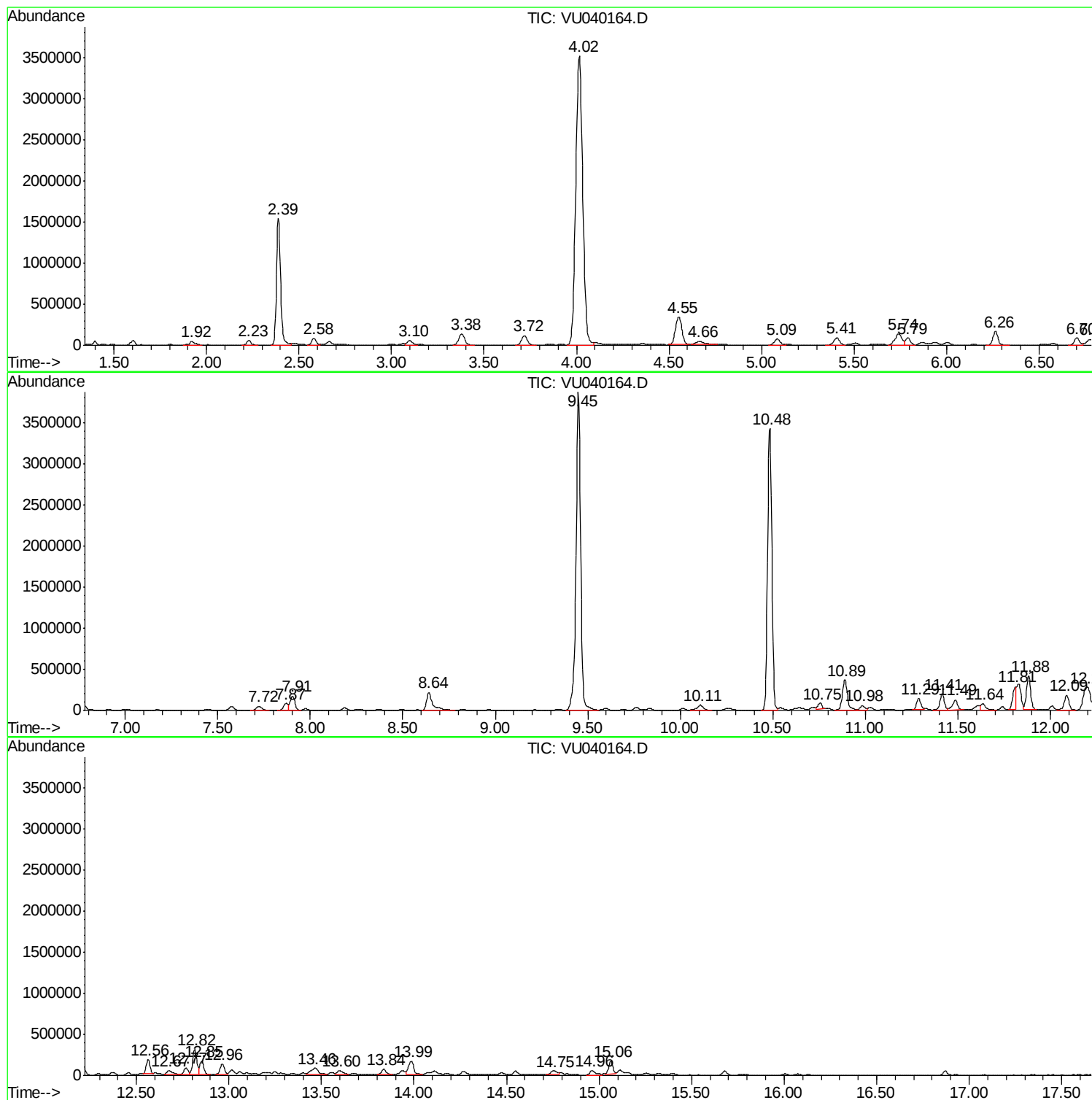
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument :
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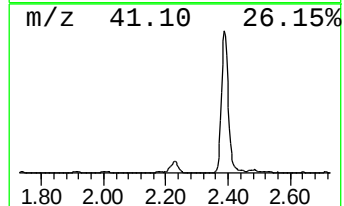
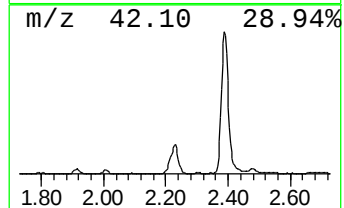
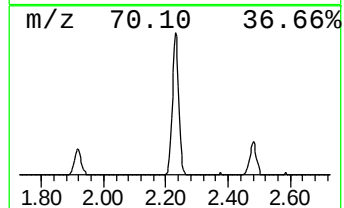
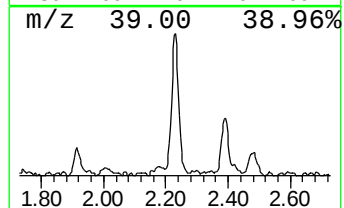
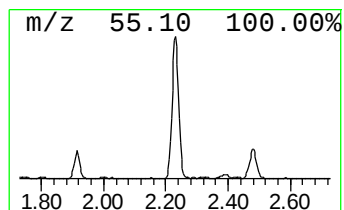
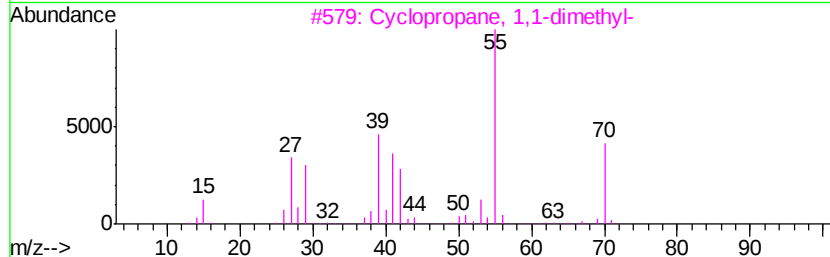
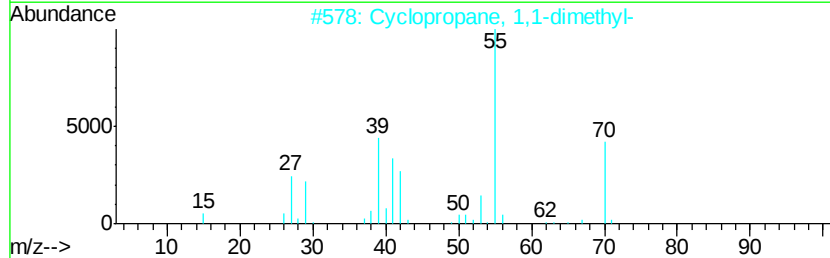
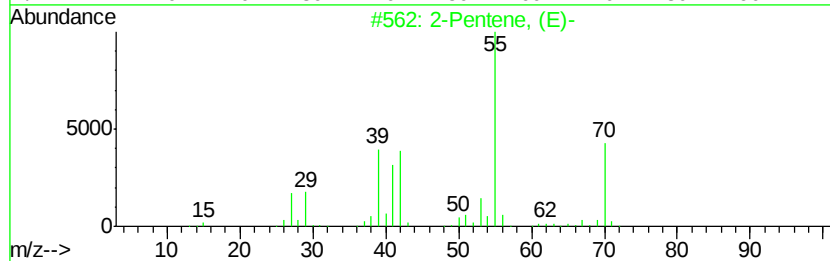
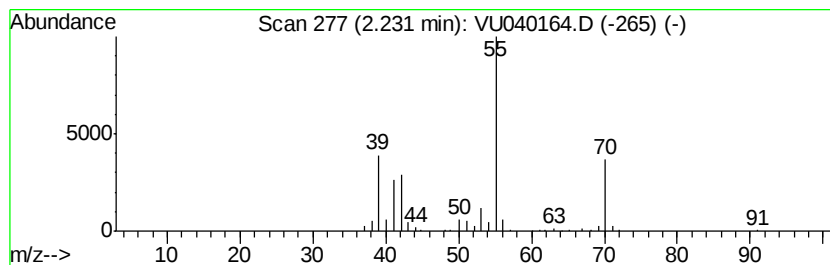
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	1.50 ug/L	95998	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, (E)-	70	C5H10	000646-04-8	94
2			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	90
3			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	90
4			1-Butene, 3-methyl-	70	C5H10	000563-45-1	83
5			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	81



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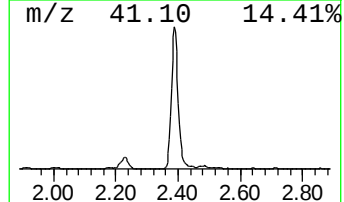
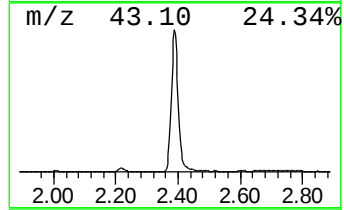
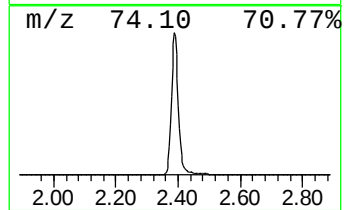
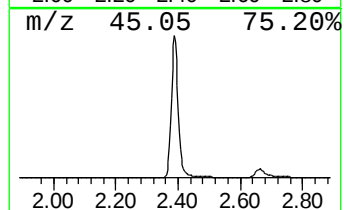
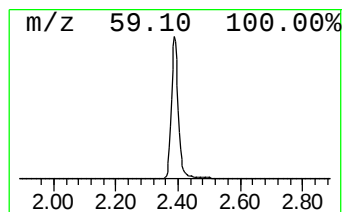
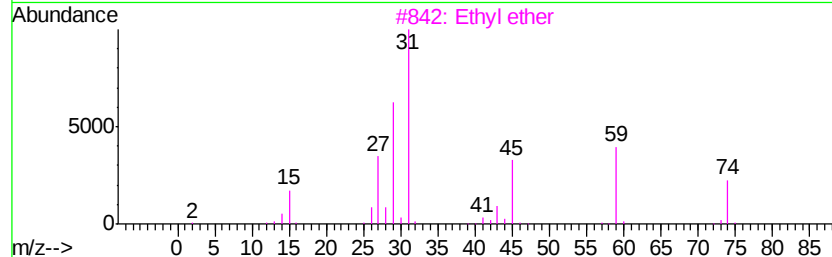
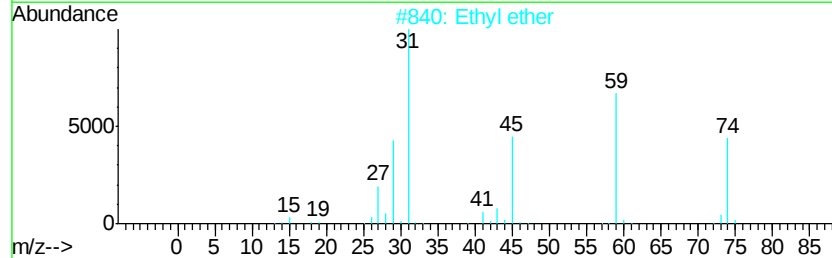
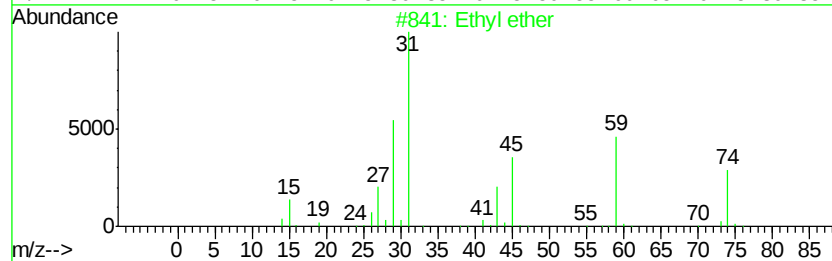
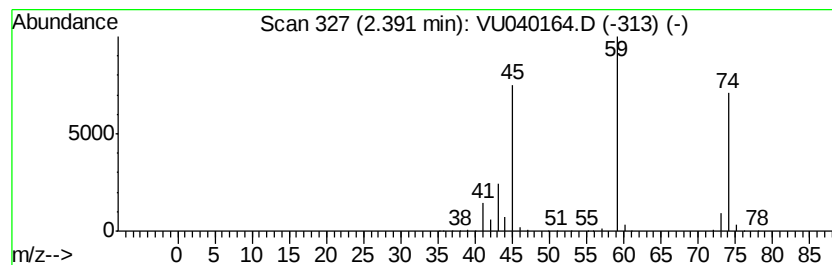
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	37.40 ug/L	2386290	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	90
4		Ethyl ether	74	C4H10O	000060-29-7	78
5		Ethyl ether	74	C4H10O	000060-29-7	72



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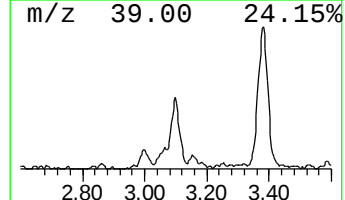
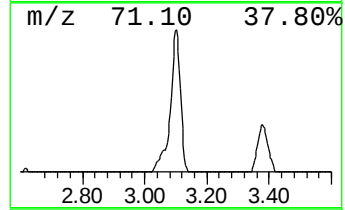
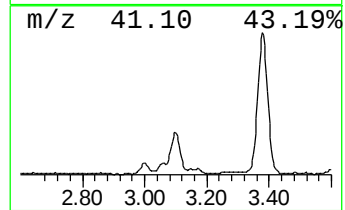
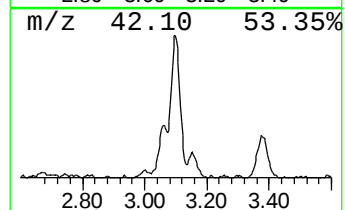
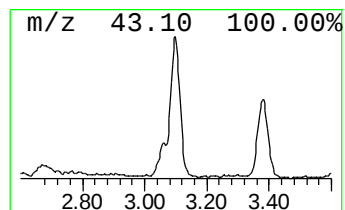
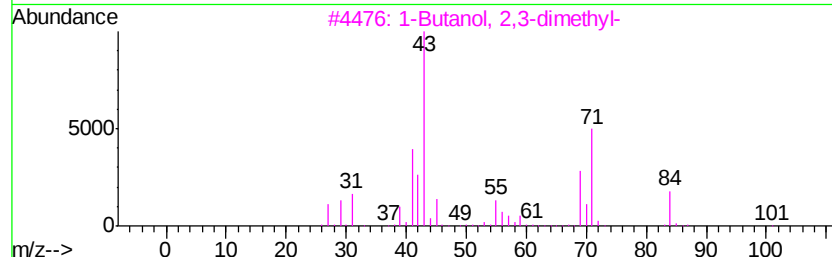
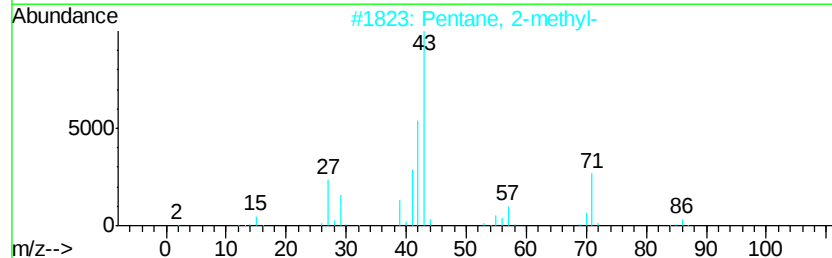
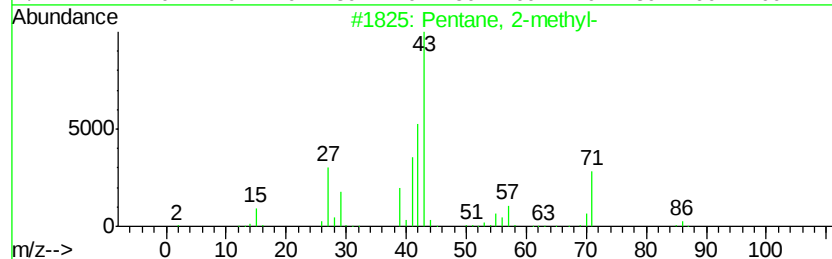
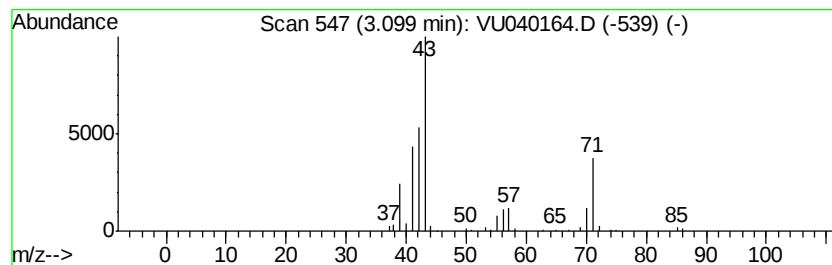
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	1.53 ug/L	97479	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	78
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3			1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
4			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	37
5			Pentane, 2-bromo-	150	C5H11Br	000107-81-3	36



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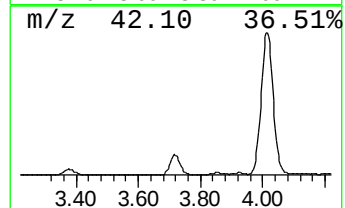
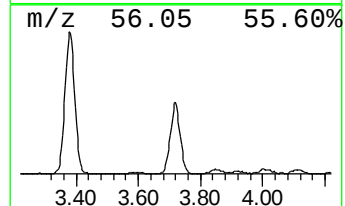
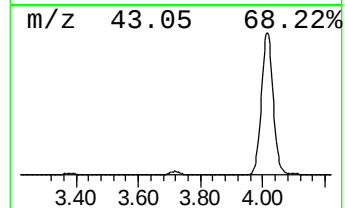
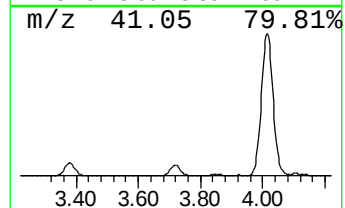
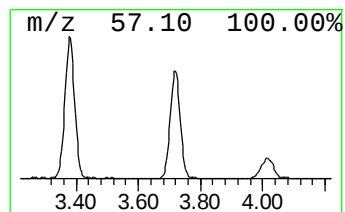
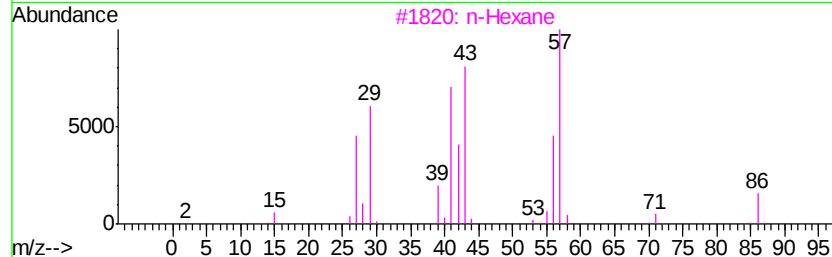
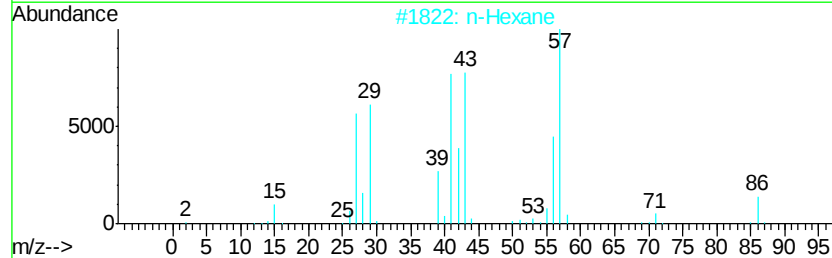
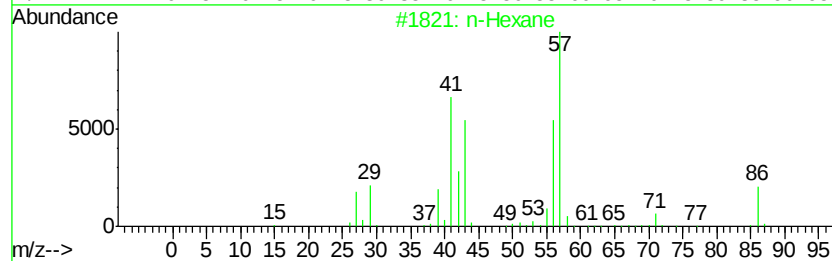
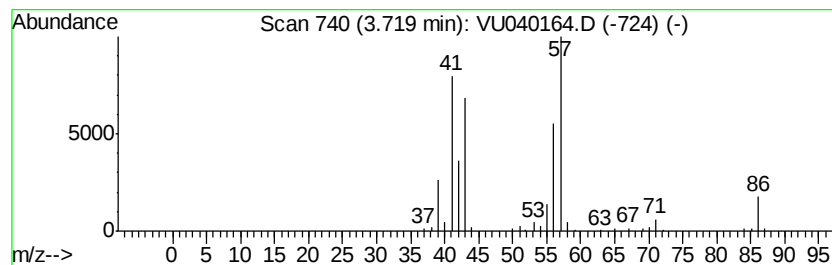
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	3.98 ug/L	254092	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	91
3		n-Hexane	86	C6H14	000110-54-3	90
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	42



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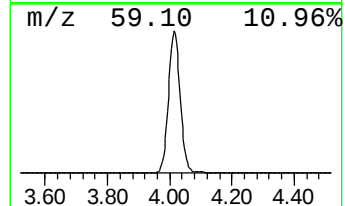
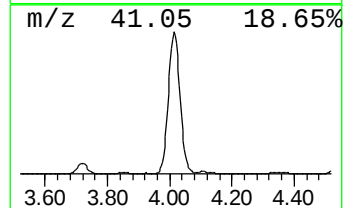
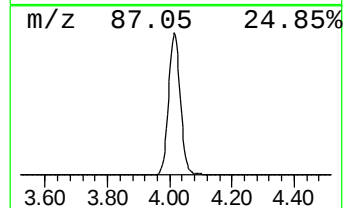
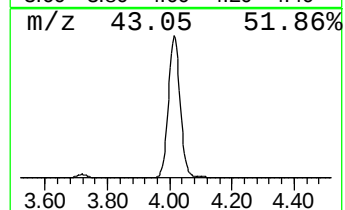
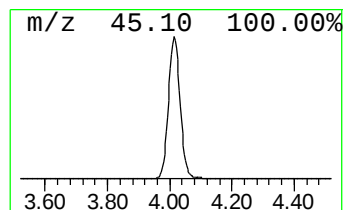
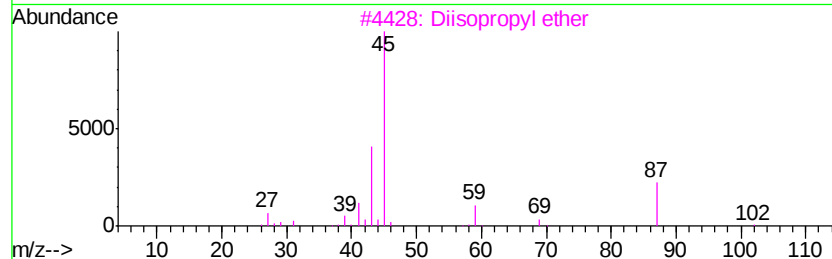
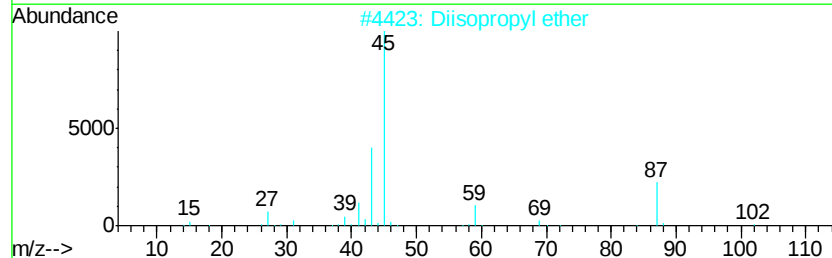
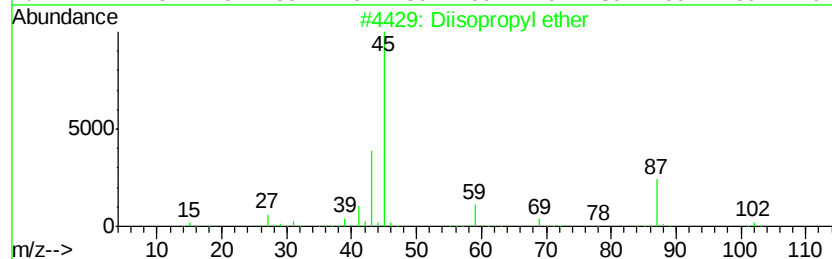
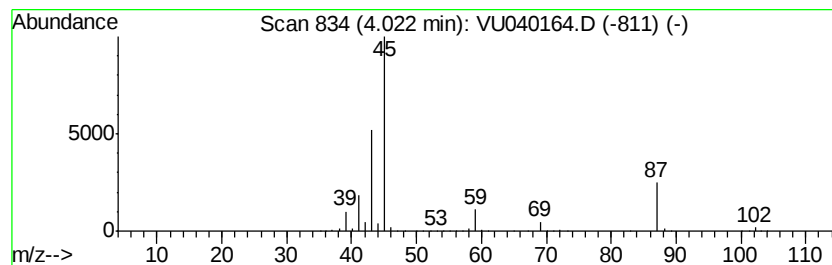
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	143.62 ug/L	9164670	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisopropyl ether	102	C6H14O	000108-20-3	86
2		Diisopropyl ether	102	C6H14O	000108-20-3	83
3		Diisopropyl ether	102	C6H14O	000108-20-3	83
4		Acetoin	88	C4H8O2	000513-86-0	58
5		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	56



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

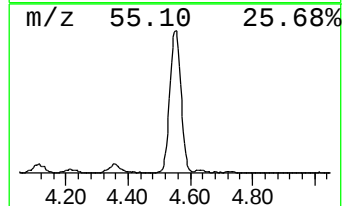
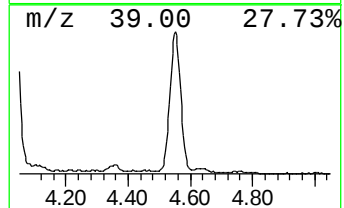
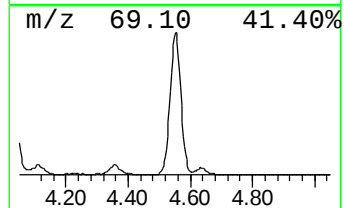
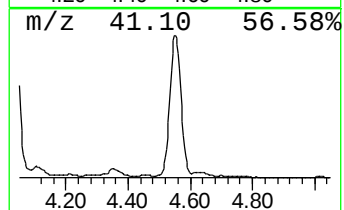
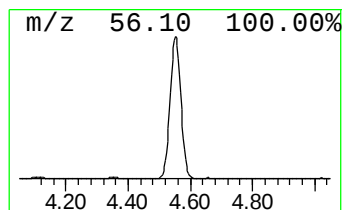
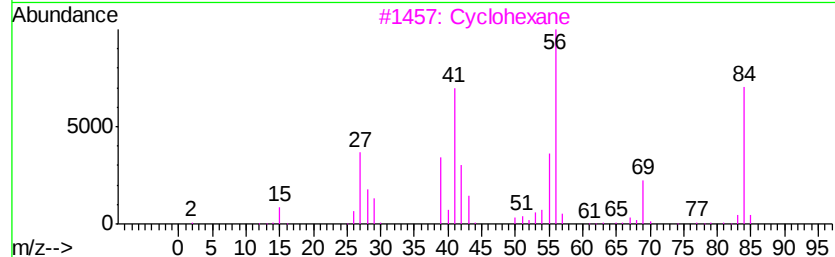
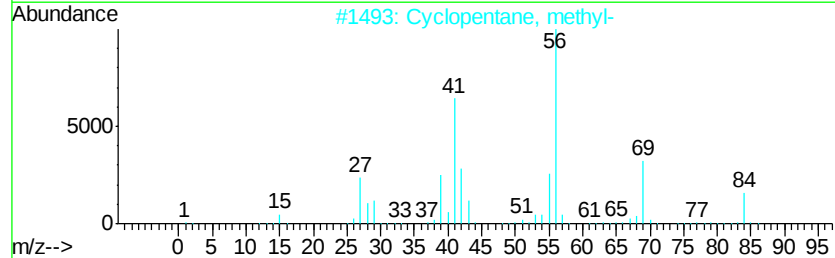
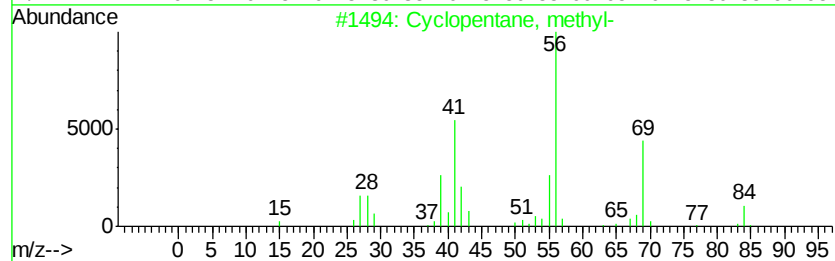
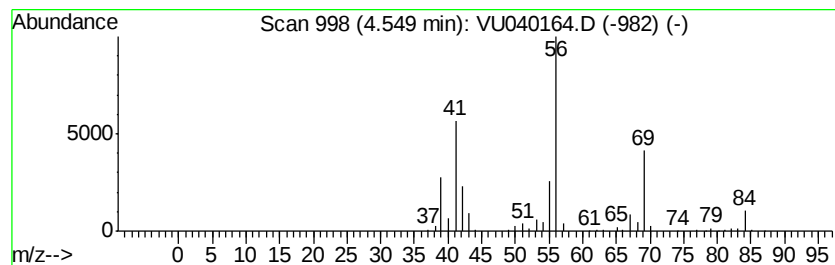
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic4.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	12.70 ug/L	810630	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3		Cyclohexane	84	C6H12	000110-82-7	86
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5		Cyclohexane	84	C6H12	000110-82-7	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

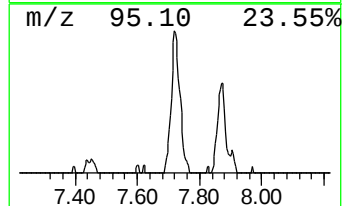
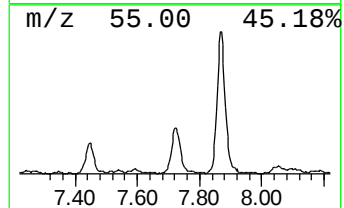
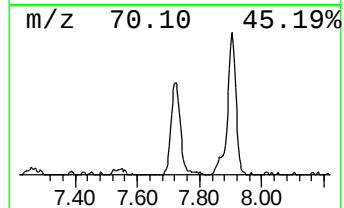
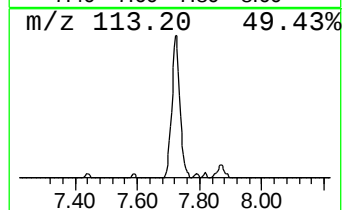
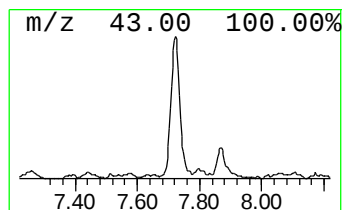
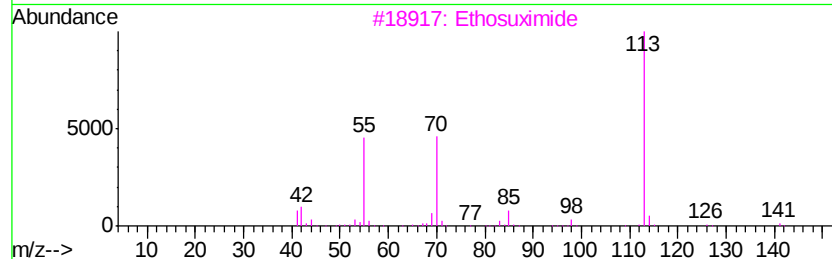
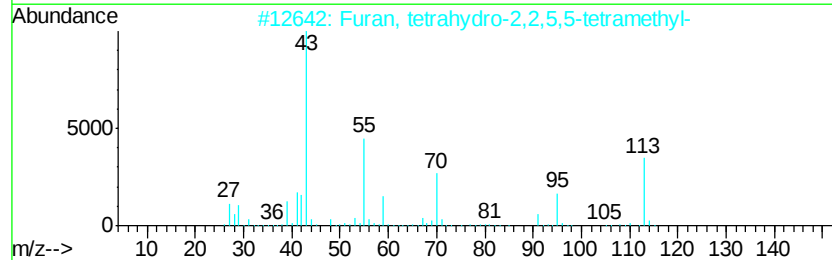
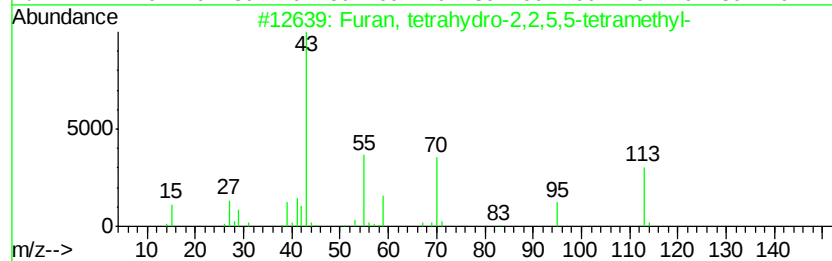
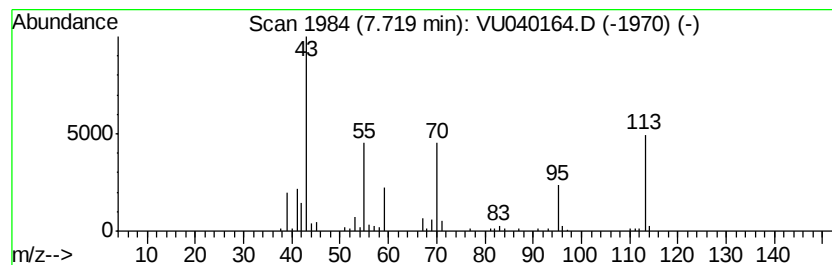
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	1.51 ug/L	96319	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	64		
2	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	47		
3	Ethosuximide	141	C7H11NO2	000077-67-8	47		
4	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	45		
5	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	42		



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

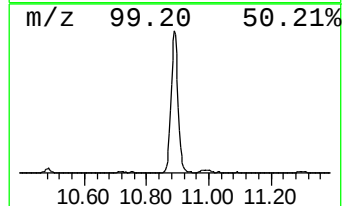
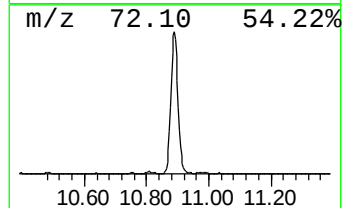
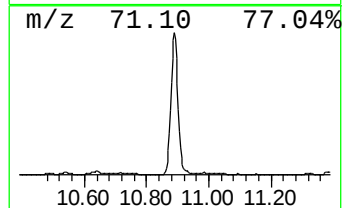
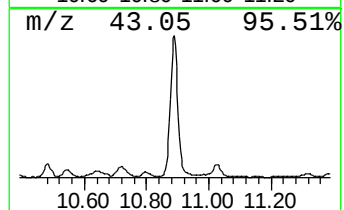
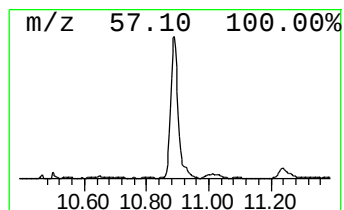
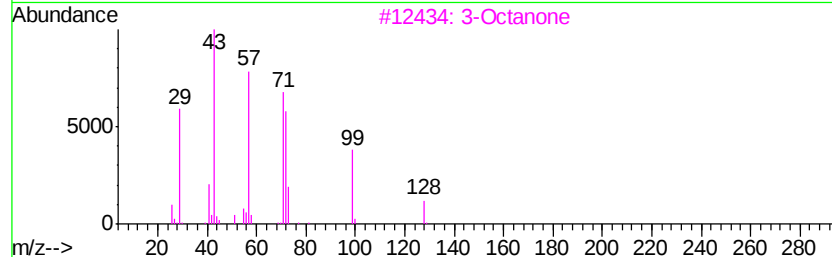
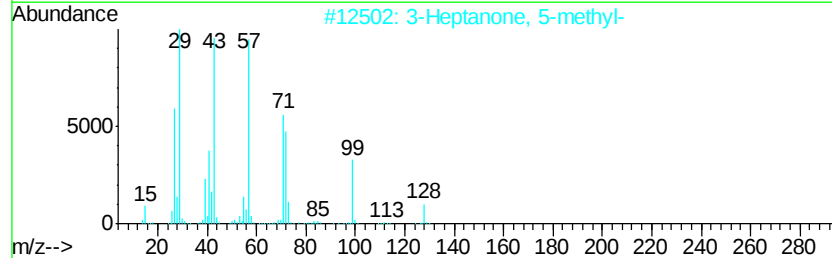
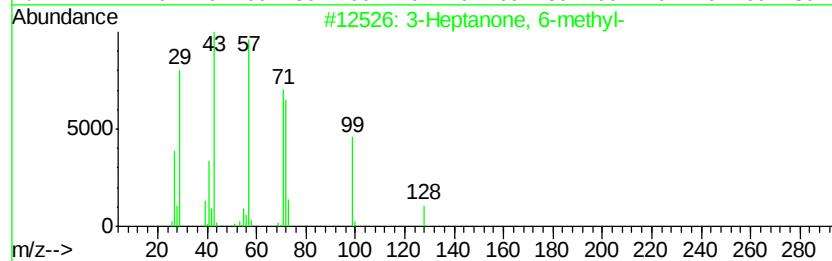
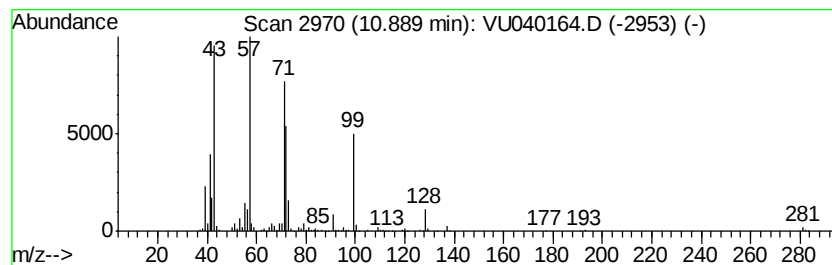
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 3-Heptanone, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	9.06 ug/L	678056	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	91	
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87	
3	3-Octanone	128	C8H16O	000106-68-3	86	
4	3-Octanone	128	C8H16O	000106-68-3	83	
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

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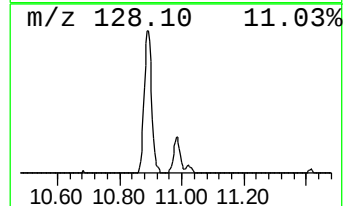
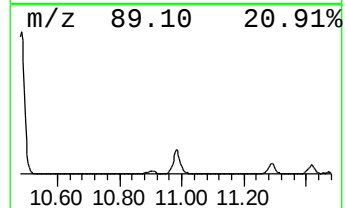
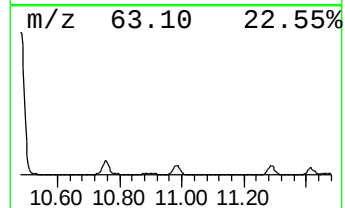
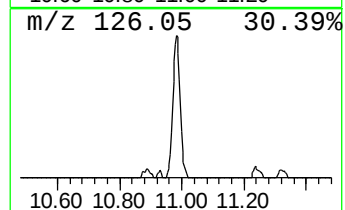
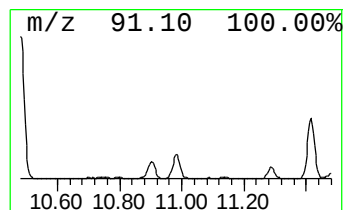
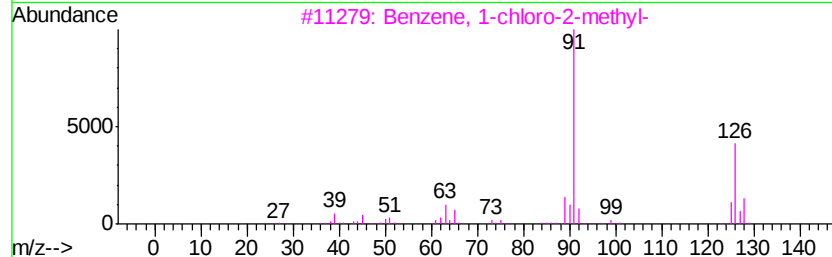
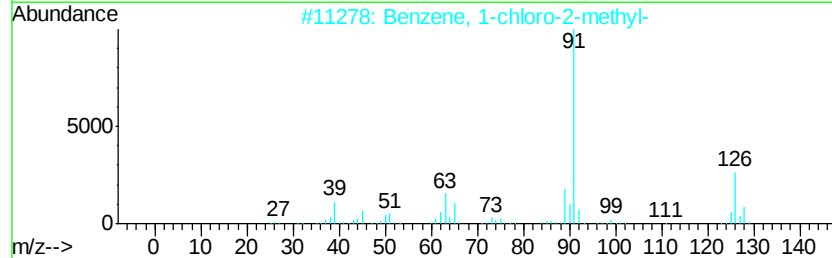
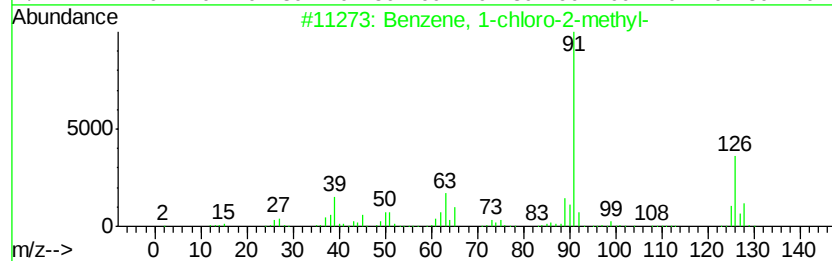
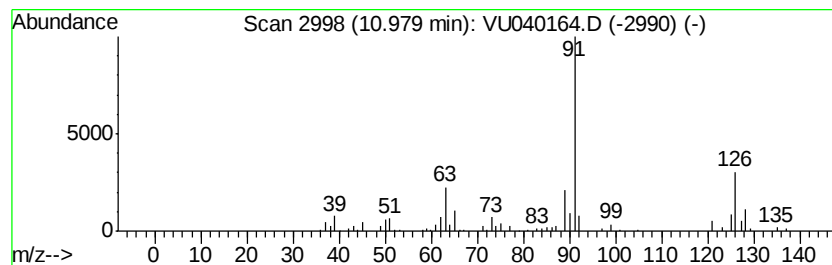
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Benzene, 1-chloro-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	1.32 ug/L	98702	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96	
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	87	
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	83	
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	81	
5	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	74	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

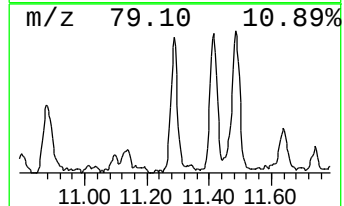
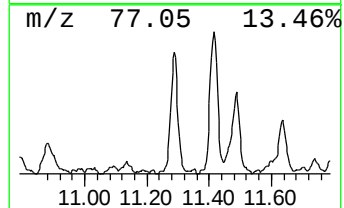
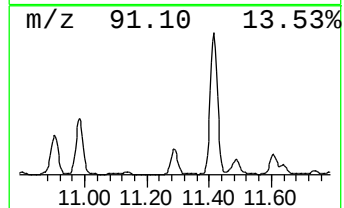
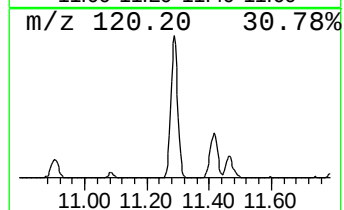
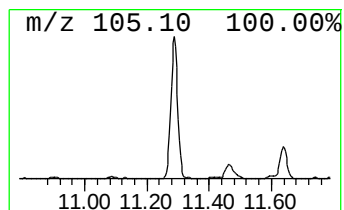
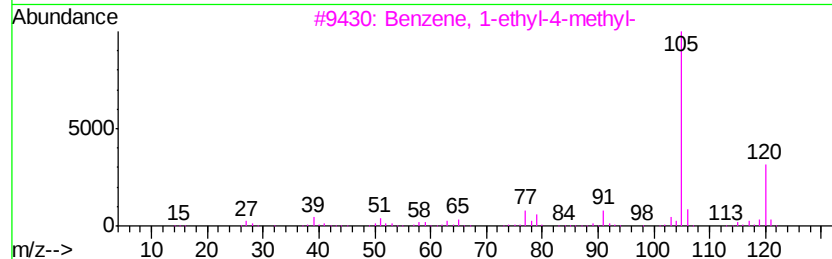
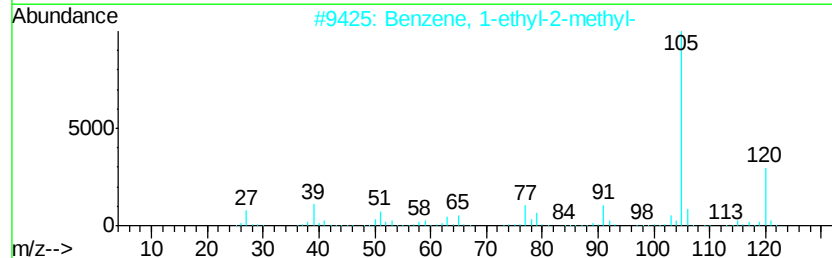
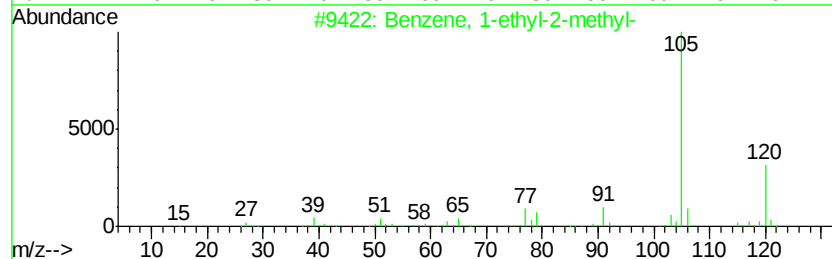
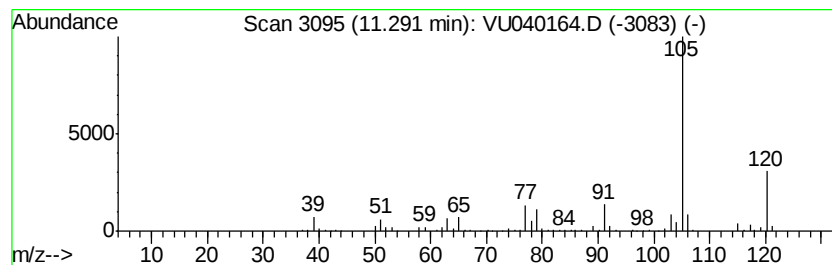
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.94 ug/L	219795	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

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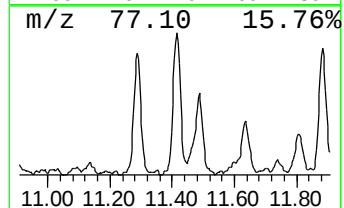
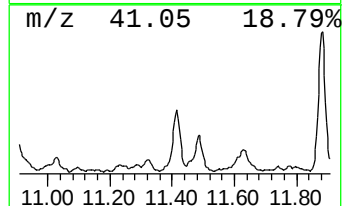
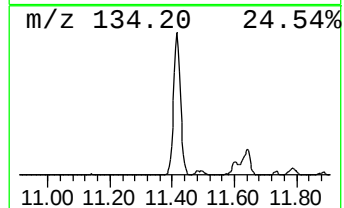
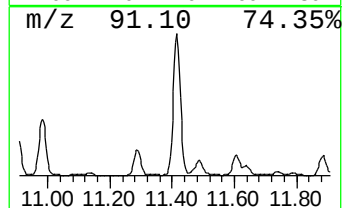
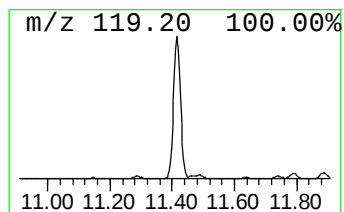
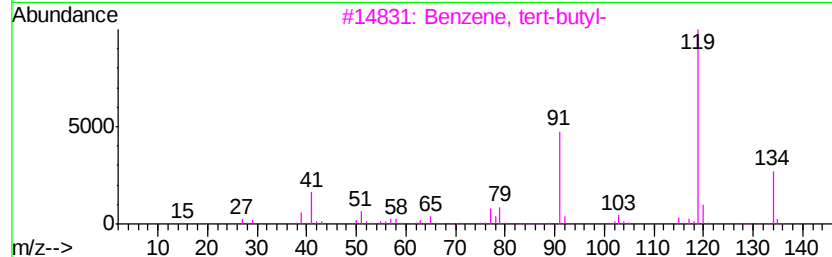
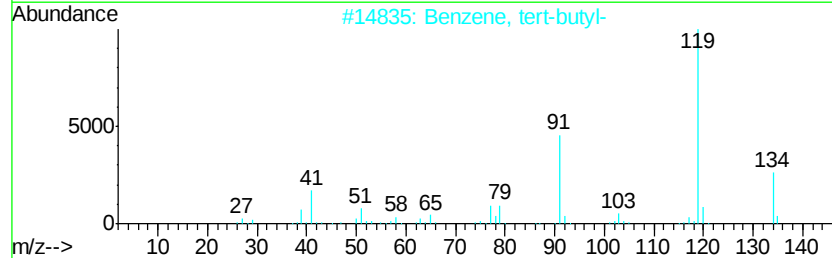
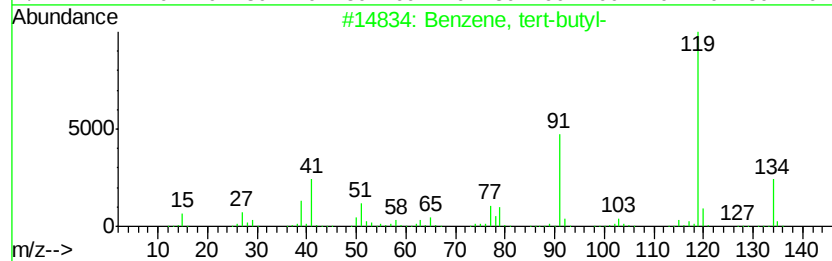
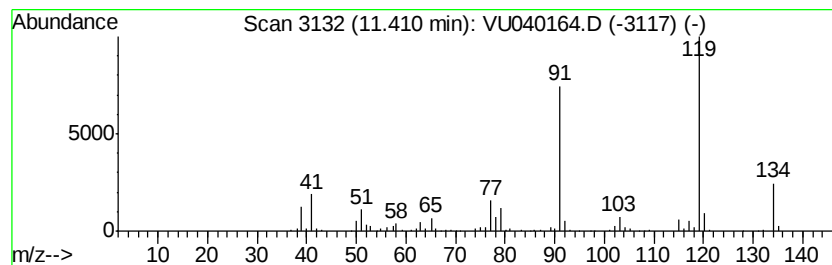
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzene, tert-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	4.41 ug/L	329955	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
2		Benzene, tert-butyl-	134	C10H14	000098-06-6	90
3		Benzene, tert-butyl-	134	C10H14	000098-06-6	90
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74
5		o-Cymene	134	C10H14	000527-84-4	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

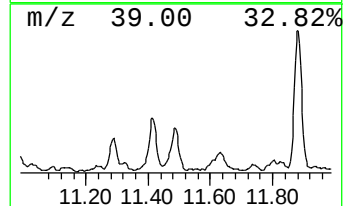
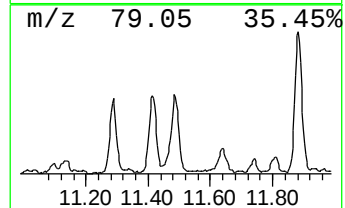
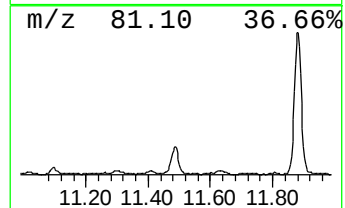
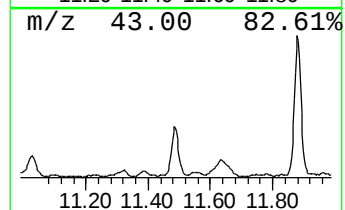
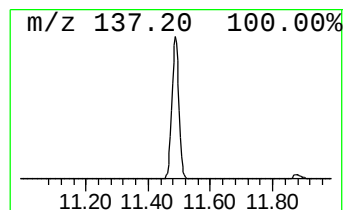
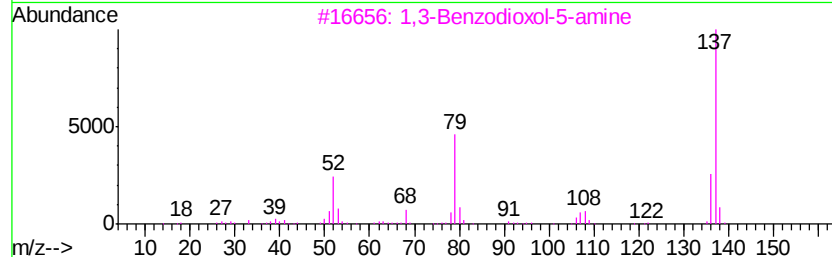
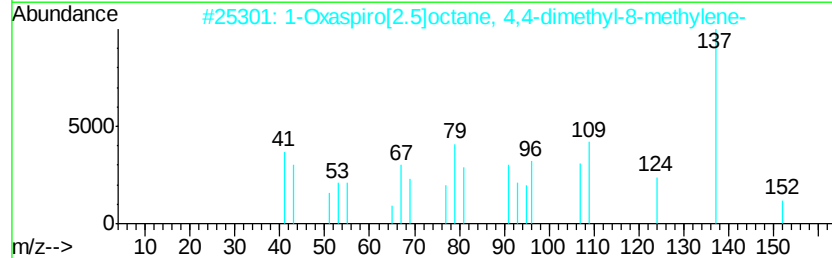
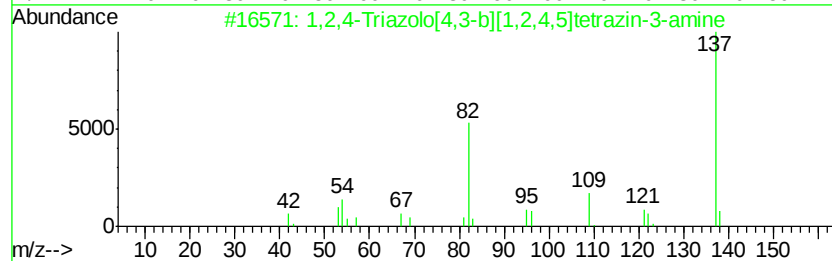
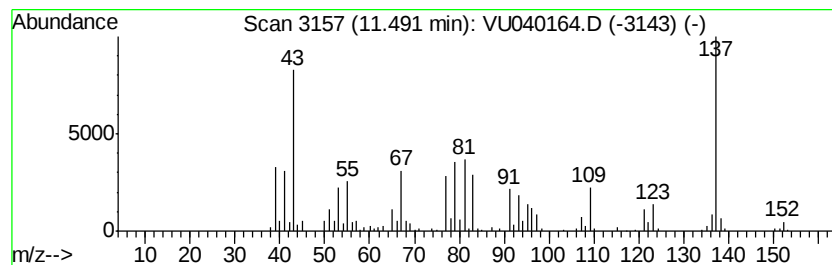
Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.49	3.14 ug/L	234930	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazolo[4,3-b][1,2,4,5]te...	137	C3H3N7	220696-99-1	47
2	1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	42
3	1,3-Benzodioxol-5-amine	137	C7H7NO2	014268-66-7	38
4	2-Amino-2,4,6-cycloheptatriene-1...	137	C7H7NS	003336-99-0	35
5	7-Oxabicyclo[4.1.0]heptane, 1-me...	152	C10H16O	001195-92-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

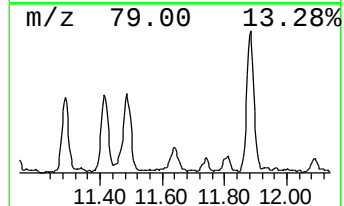
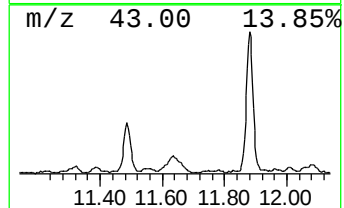
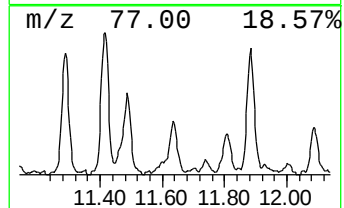
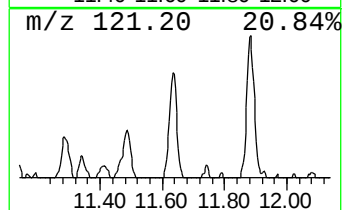
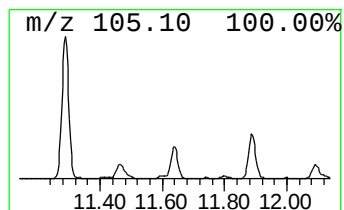
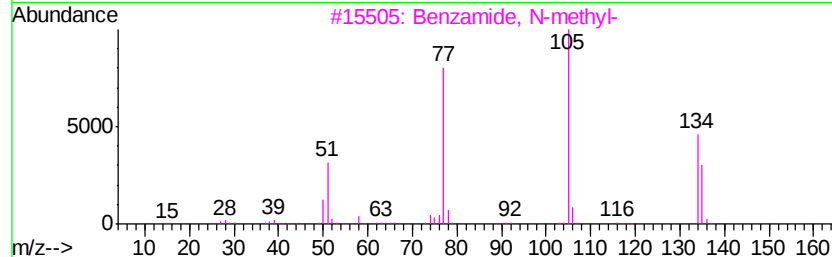
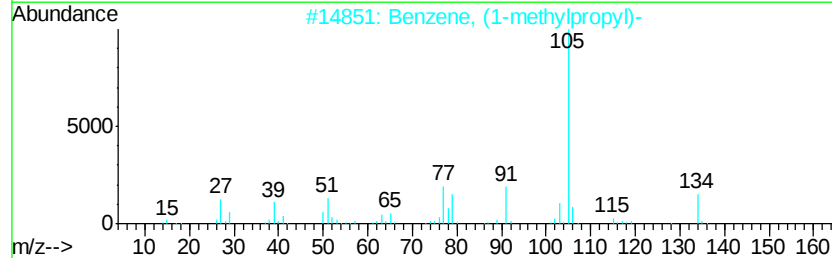
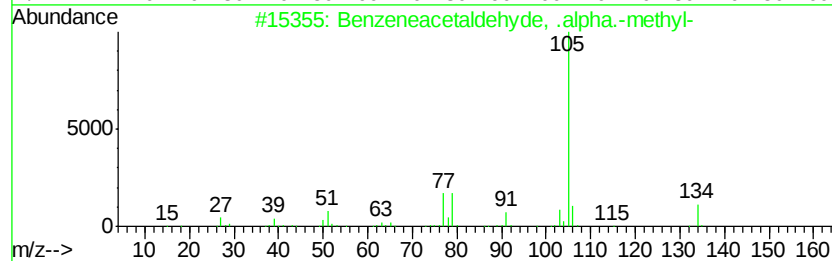
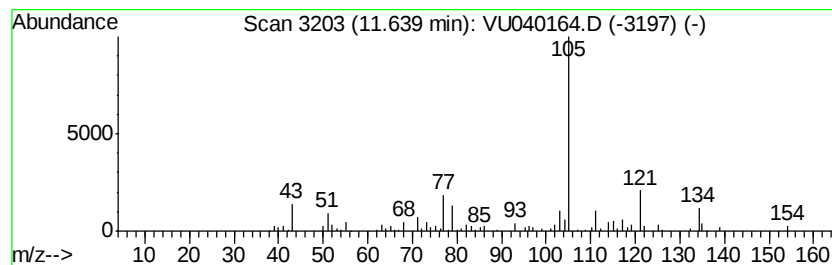
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	1.85 ug/L	138178	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	47
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
3			Benzamide, N-methyl-	135	C8H9NO	000613-93-4	43
4			Thiophene, 2-(4-methylbenzyl)sulf...	252	C12H12O2S2	153837-88-8	38
5			Benzene, (2-chloro-1-methylethyl)-	154	C9H11Cl	000824-47-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

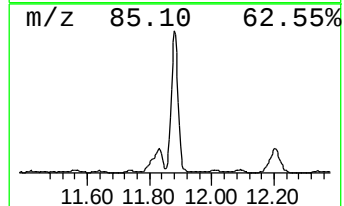
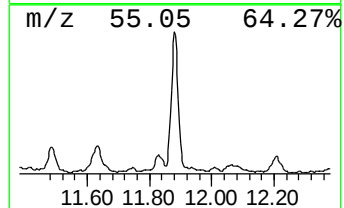
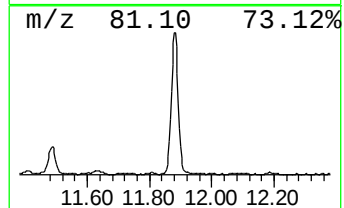
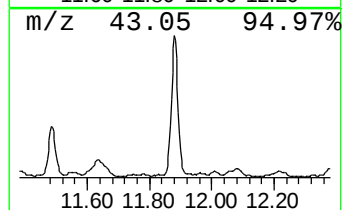
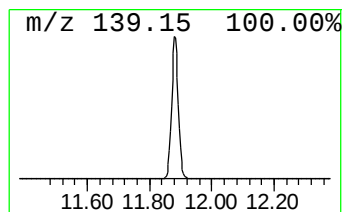
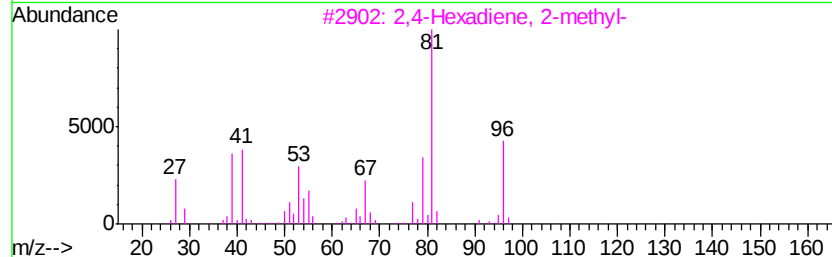
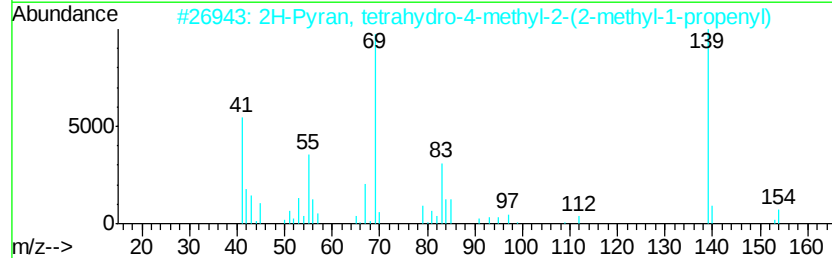
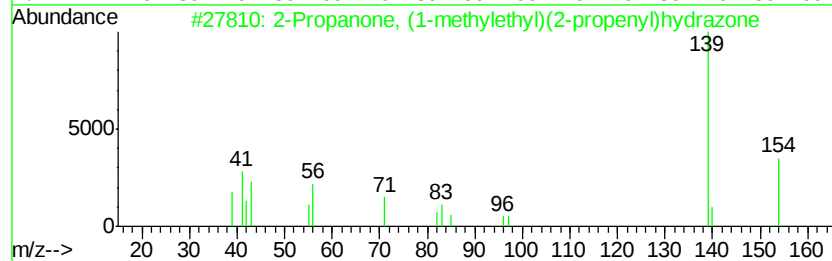
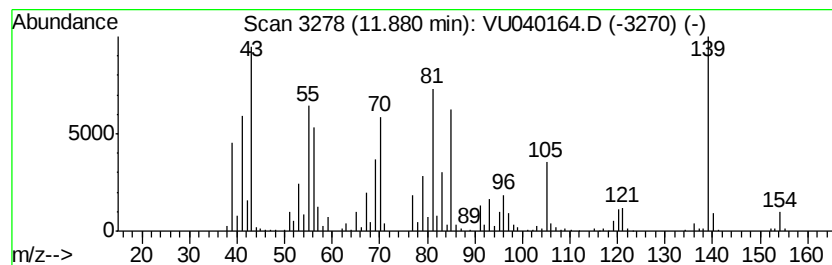
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	8.32 ug/L	622812	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	41
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	22
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	15
4	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	15
5	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

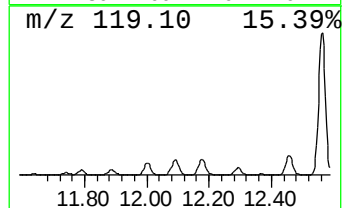
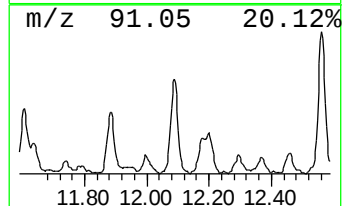
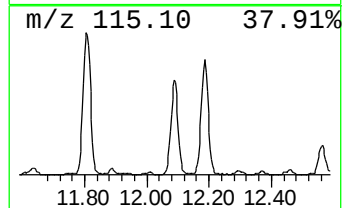
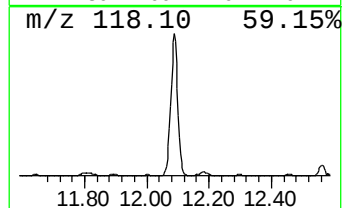
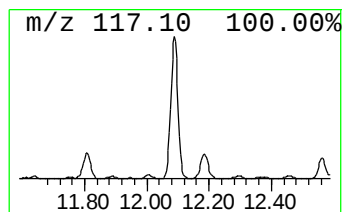
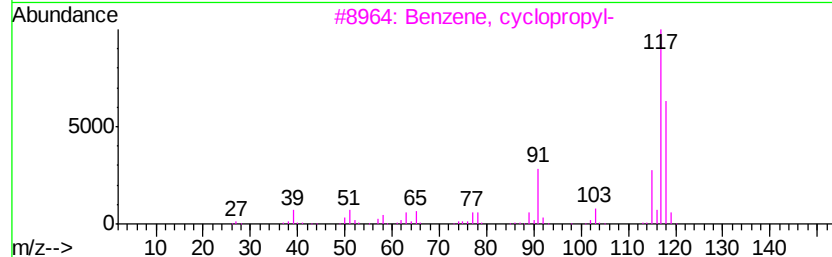
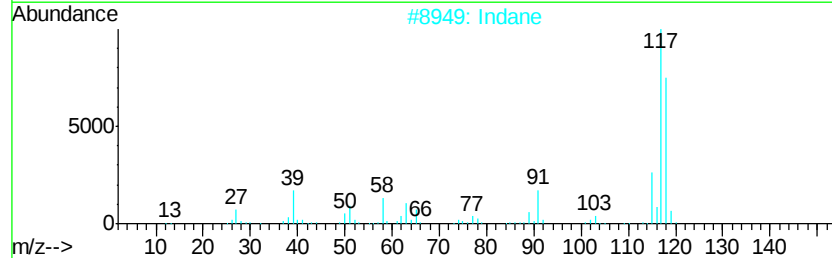
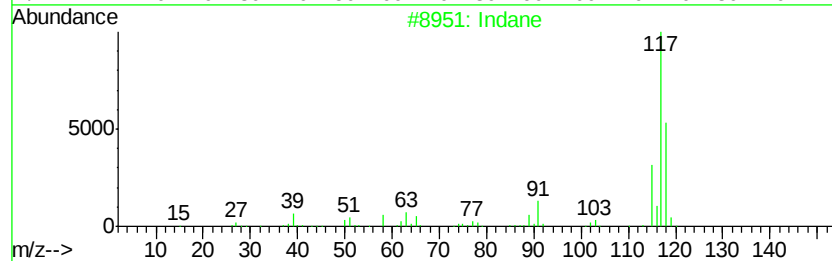
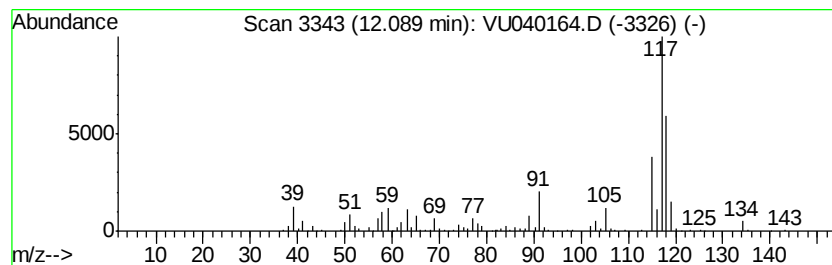
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.22 ug/L	315935	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	94
2	Indane		118	C9H10	000496-11-7	89
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	76
4	Indane		118	C9H10	000496-11-7	76
5	Benzene, 1-propenyl-		118	C9H10	000637-50-3	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

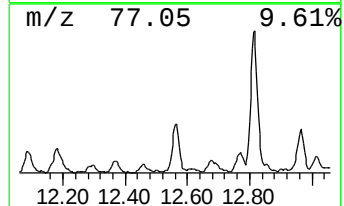
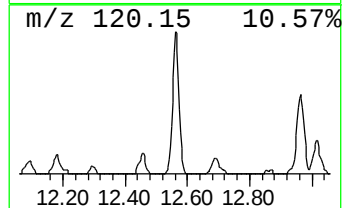
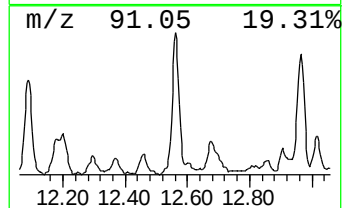
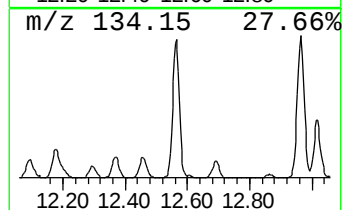
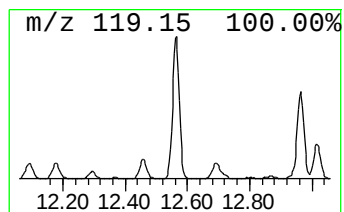
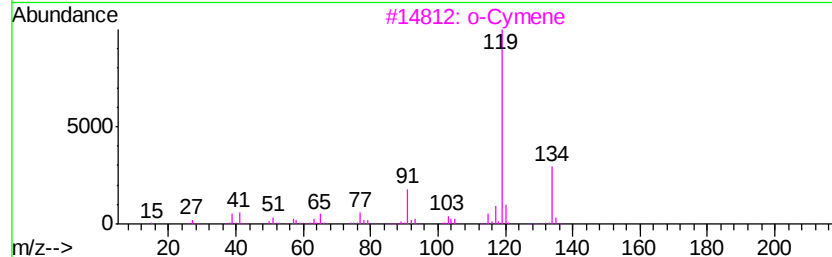
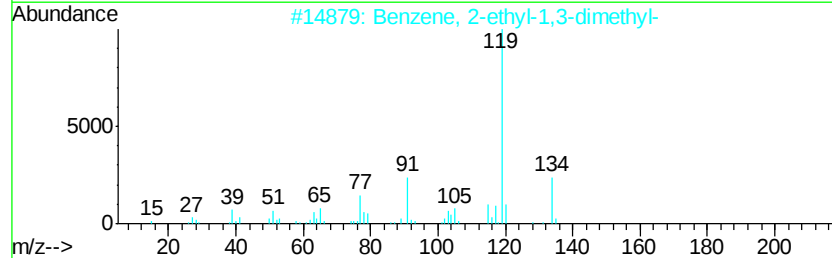
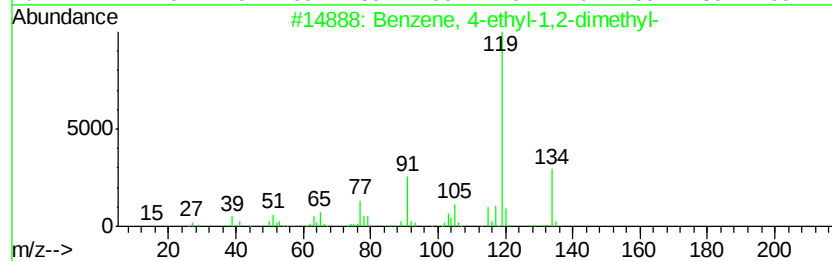
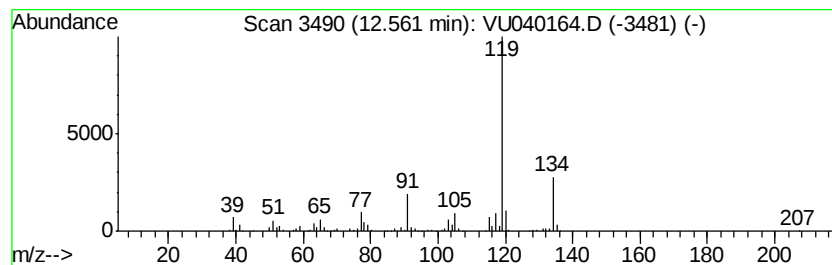
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.36 ug/L	251764	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		p-Cymene	134	C10H14	000099-87-6	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

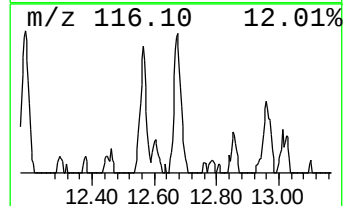
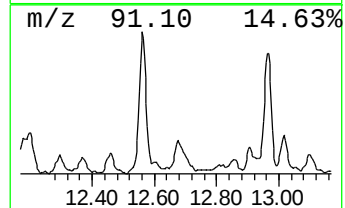
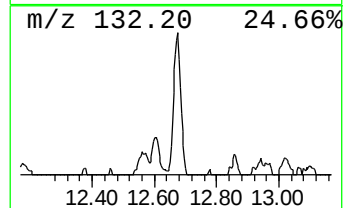
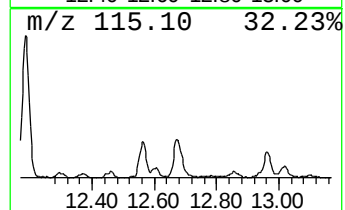
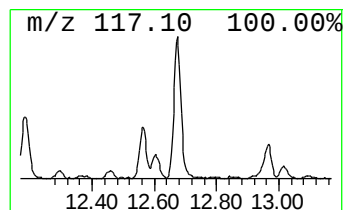
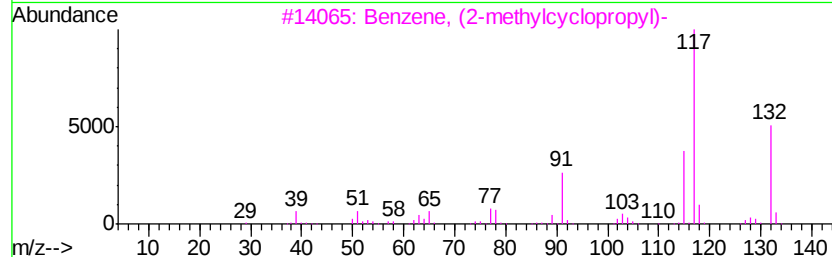
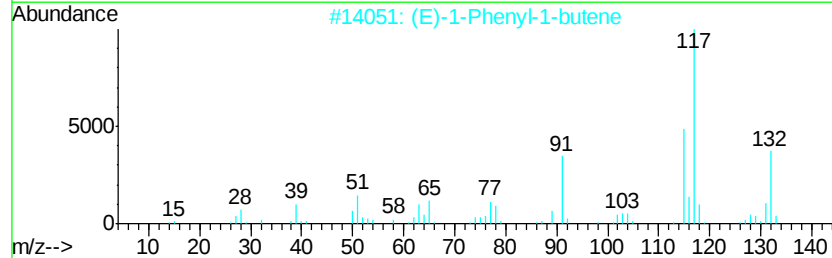
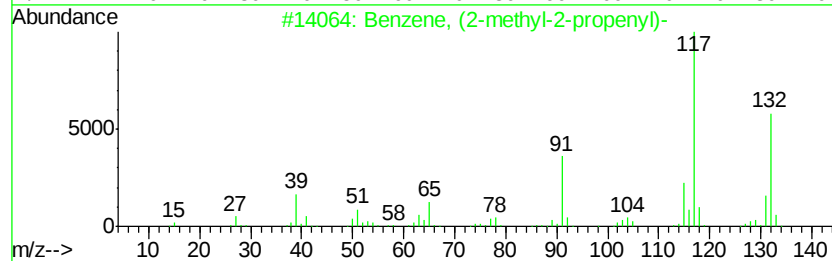
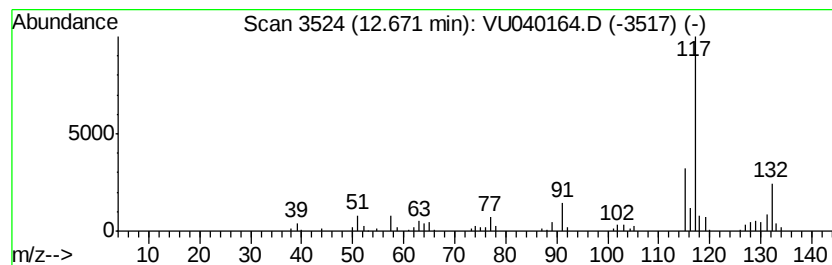
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 Benzene, (2-methyl-2-propen... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	1.46 ug/L	109433	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76
3			Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
5			Indan, 1-methyl-	132	C10H12	000767-58-8	74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
BG0P0

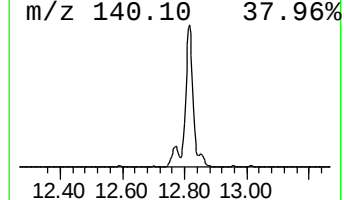
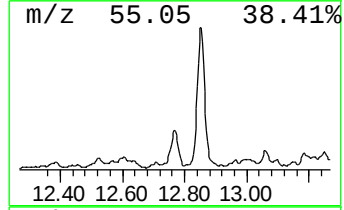
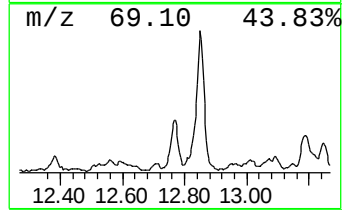
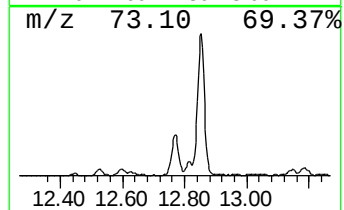
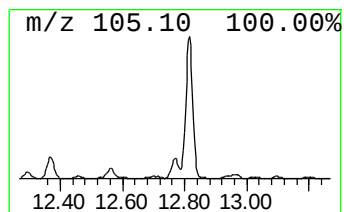
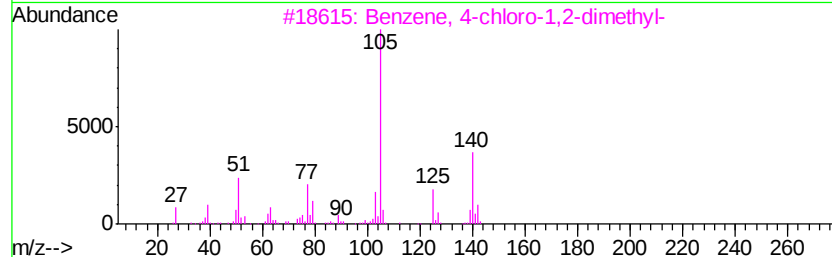
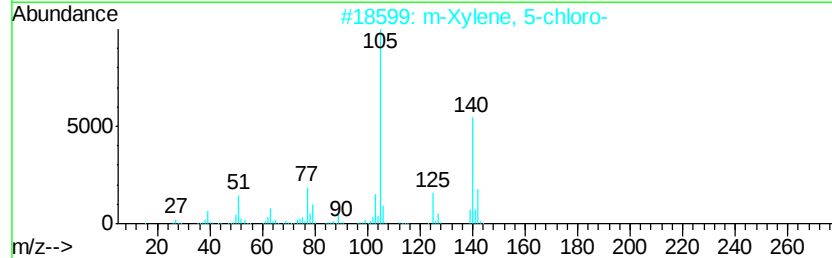
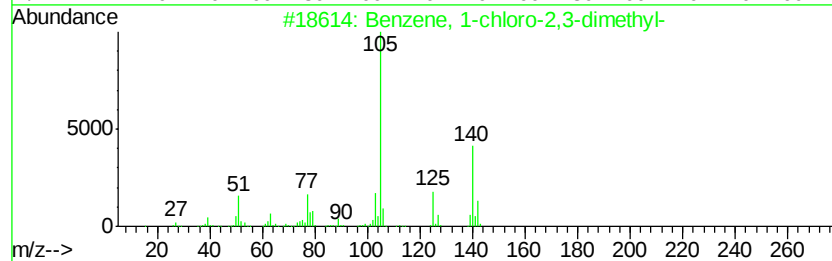
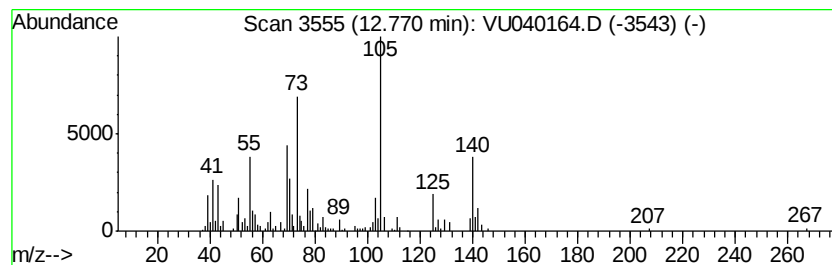
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 Benzene, 1-chloro-2,3-dimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	1.80 ug/L	134490	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	95
2		m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	94
3		Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	93
4		Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	93
5		Benzene, 2-chloro-1,3-dimethyl-	140	C8H9Cl	006781-98-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

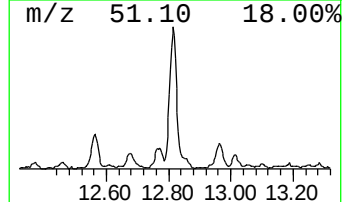
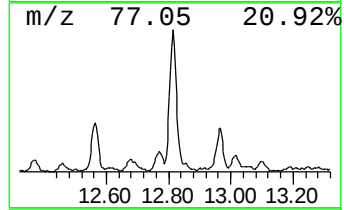
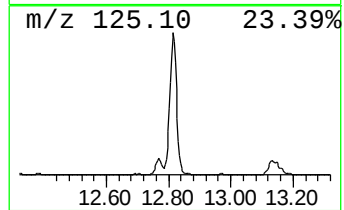
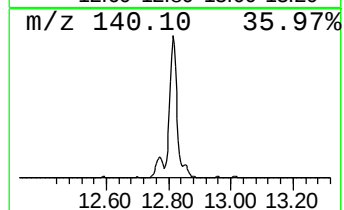
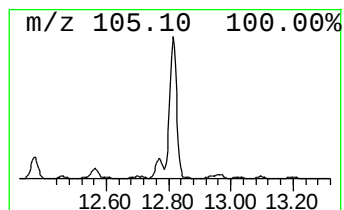
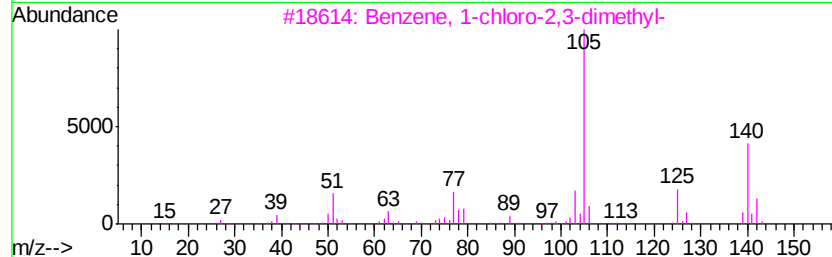
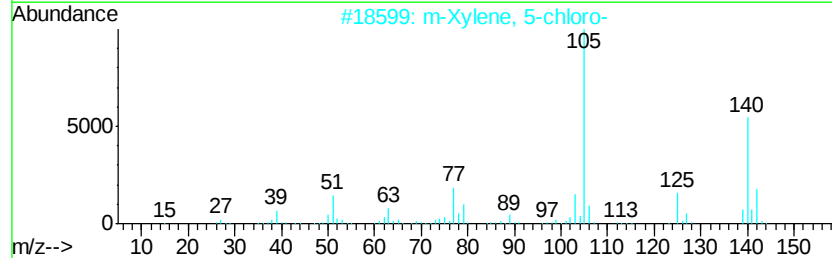
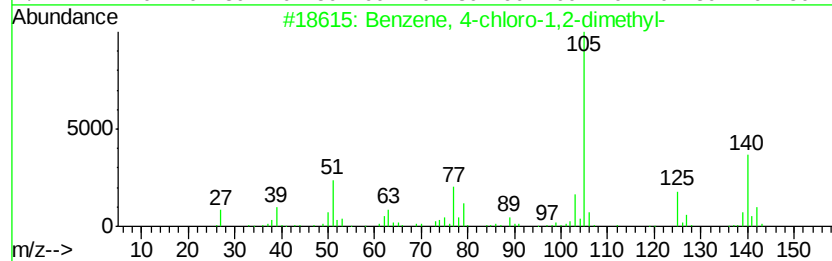
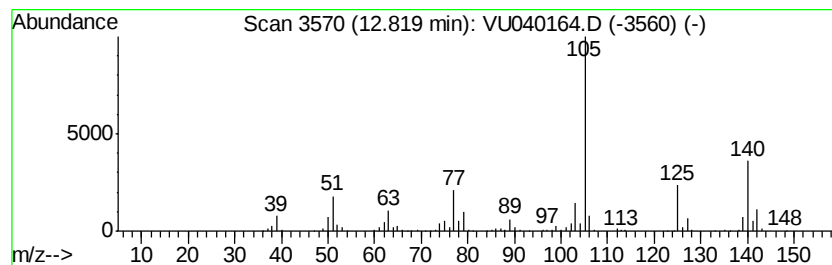
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Benzene, 4-chloro-1,2-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	6.40 ug/L	478829	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	96
2		m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	95
3		Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	94
4		Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	94
5		Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

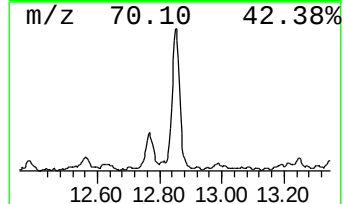
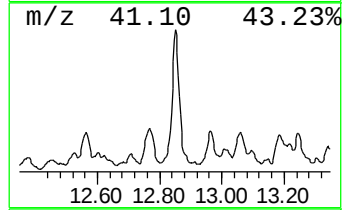
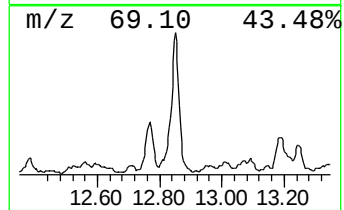
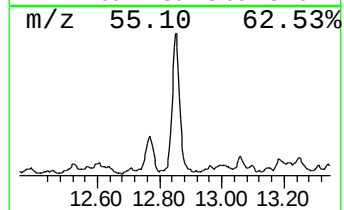
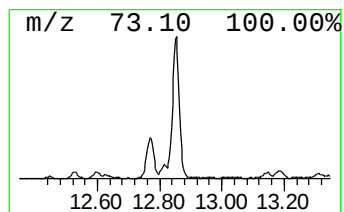
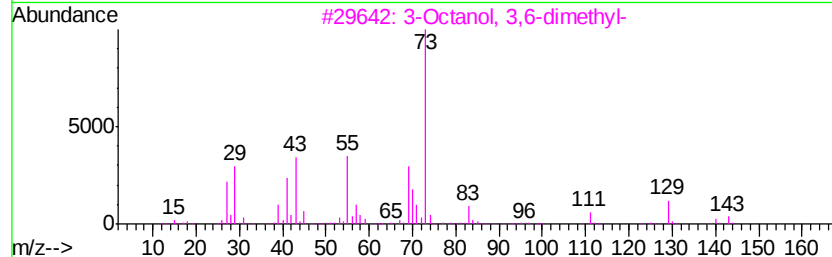
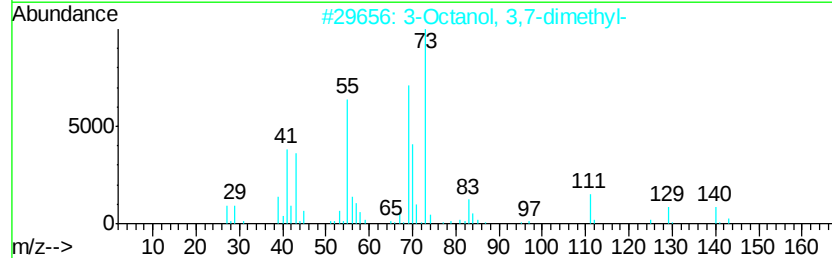
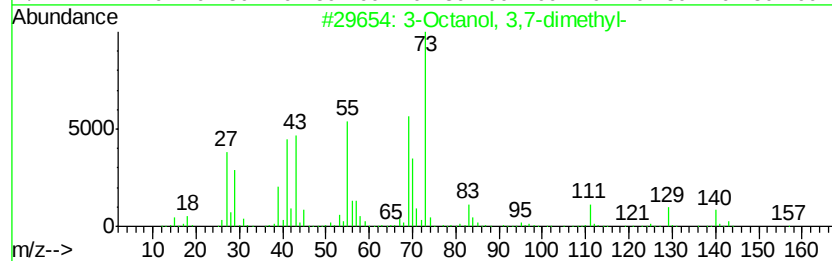
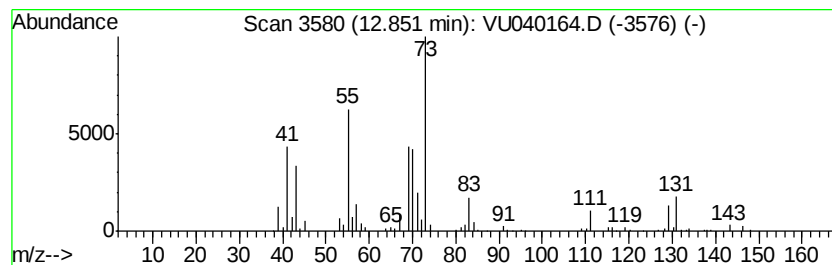
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 20 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.09 ug/L	231346	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	43
2			3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	42
3			3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	37
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	32
5			1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

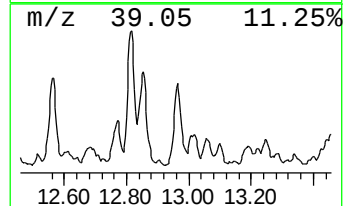
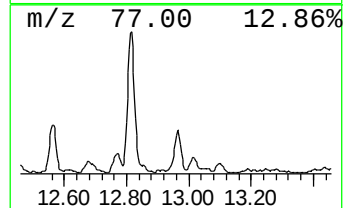
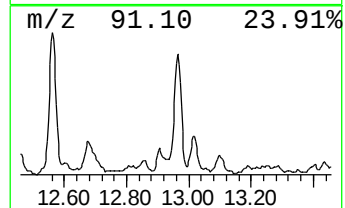
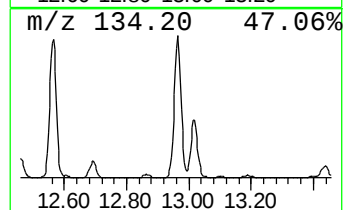
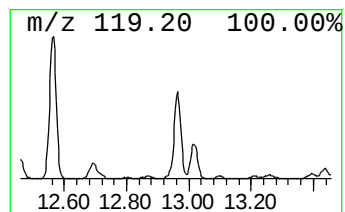
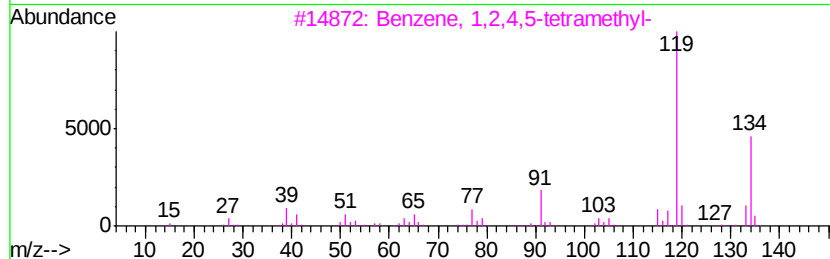
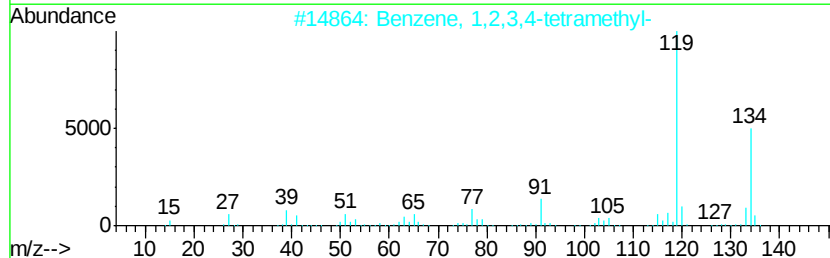
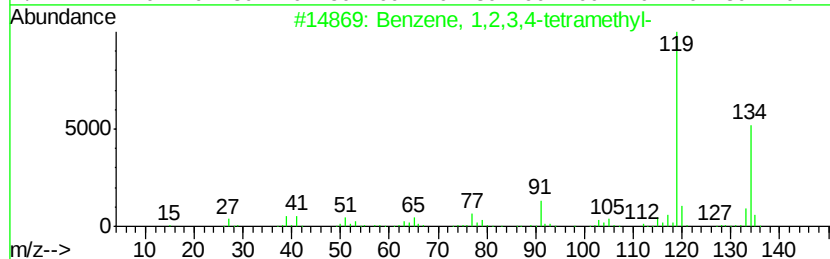
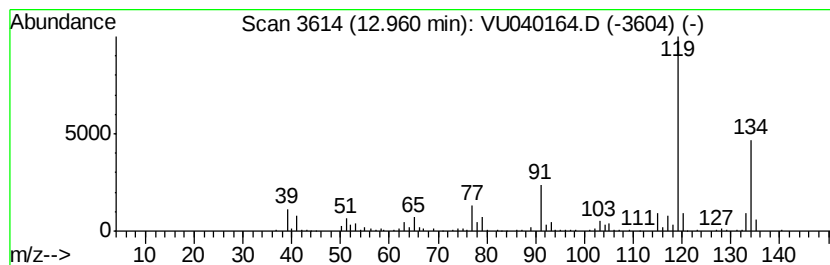
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.68 ug/L	200292	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

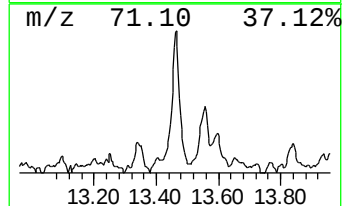
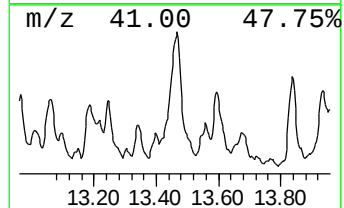
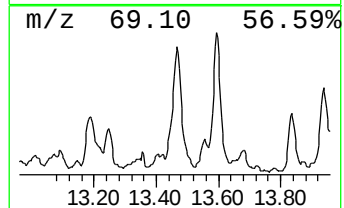
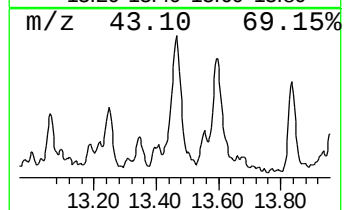
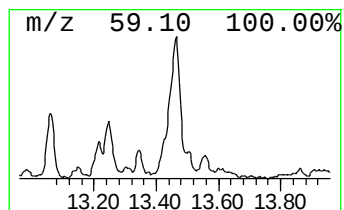
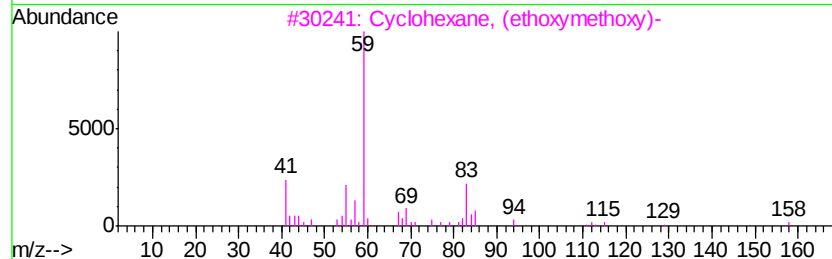
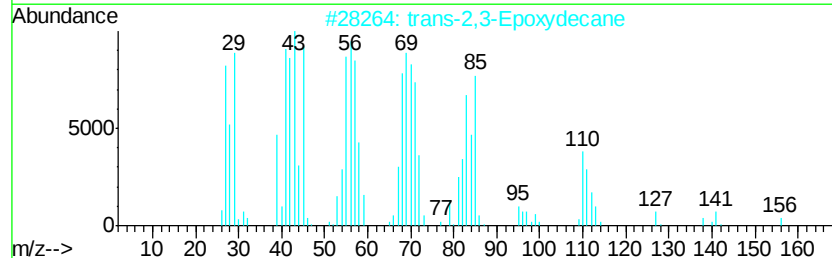
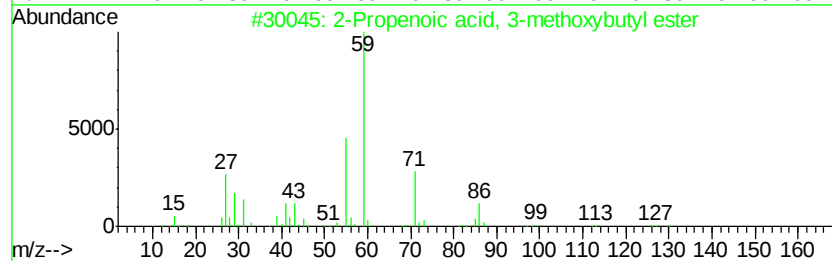
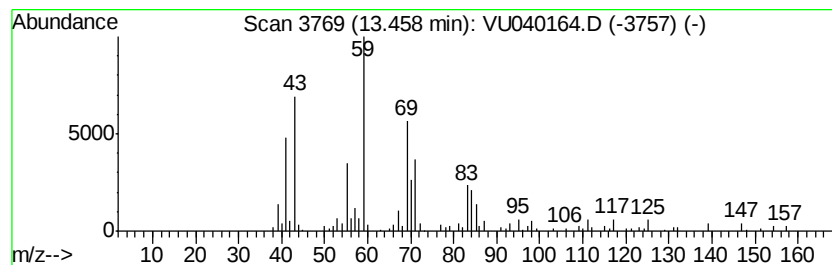
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 22 unknown-05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.92 ug/L	218225	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 3-methoxybutyl...	158	C8H14O3	002768-07-2	43
2			trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	43
3			Cyclohexane, (ethoxymethoxy)-	158	C9H18O2	054699-29-5	38
4			3-Hexene, 1-(1-methoxvethoxy)-, ...	158	C9H18O2	054340-97-5	32
5			Butanal, oxime	87	C4H9NO	000110-69-0	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040164.D
 Acq On : 16 Sep 2020 22:17
 Operator : SY/MD
 Sample : L4046-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P0

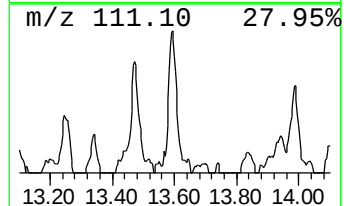
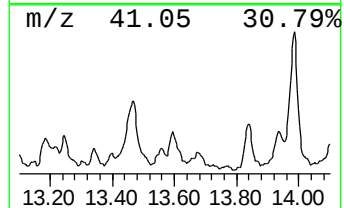
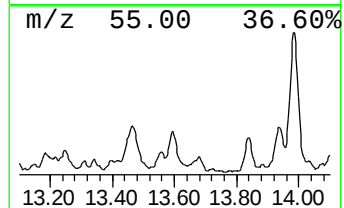
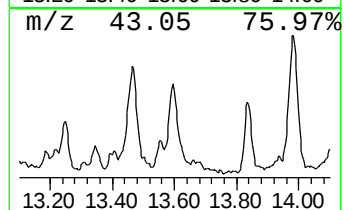
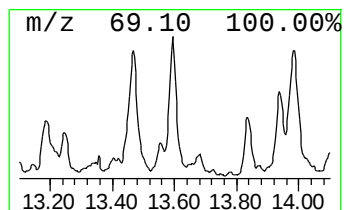
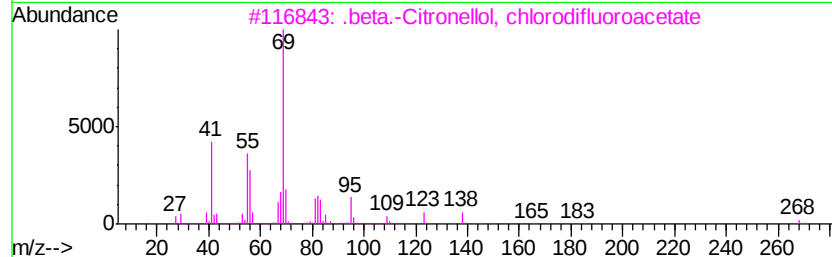
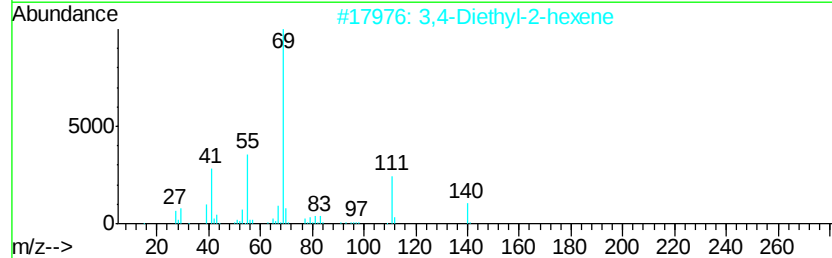
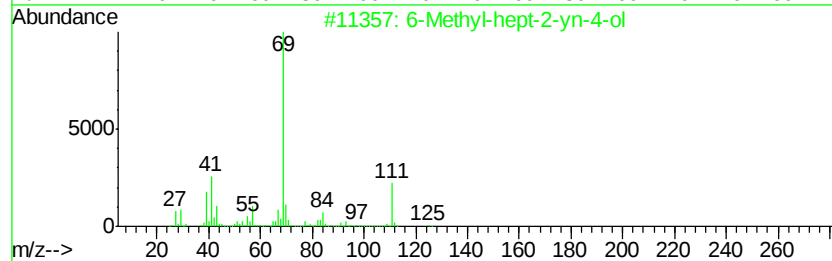
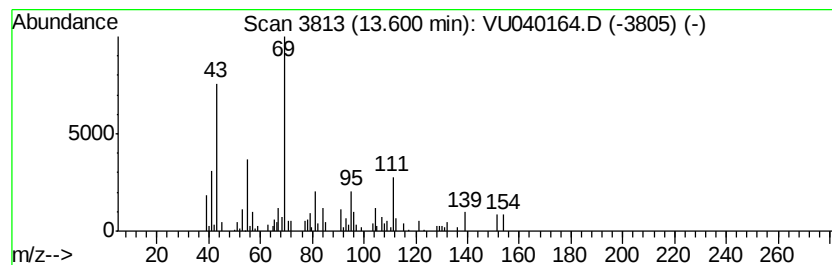
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 23 6-Methyl-hept-2-yn-4-ol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	1.26 ug/L	94677	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	53
2		3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	50
3		.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	47
4		Cyclooctanemethanol	142	C9H18O	003637-63-6	45
5		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

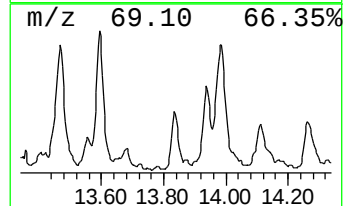
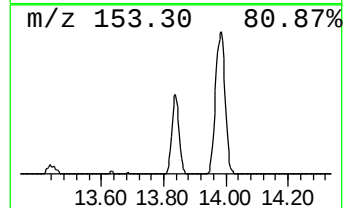
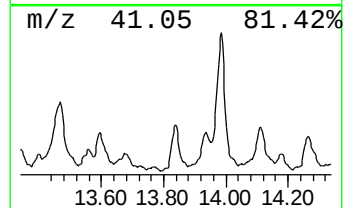
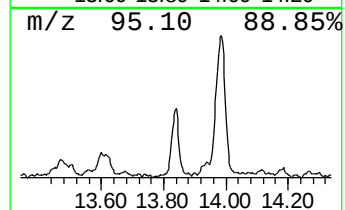
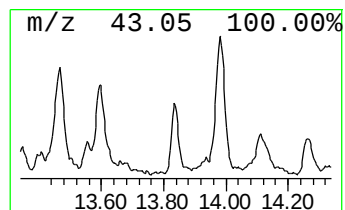
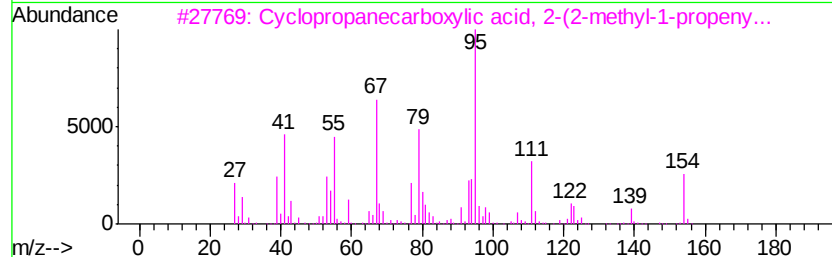
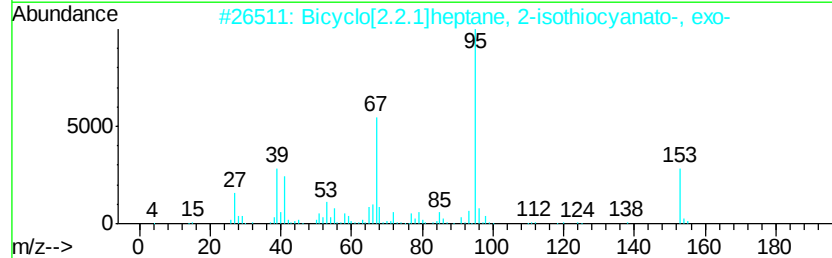
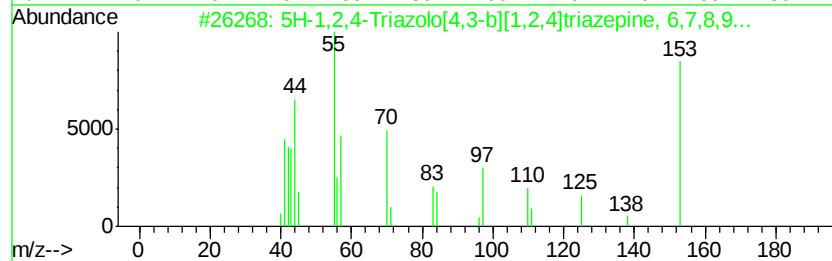
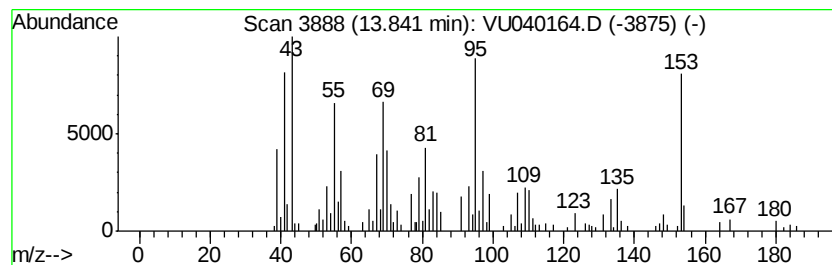
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 24 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.84	1.78 ug/L	133324	1,4-Dichlorobenzene-d4	11.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-1,2,4-Triazolo[4,3-b][1,2,4]t...	153	C6H11N5	062170-16-5	43	
2	Bicyclo[2.2.1]heptane, 2-isothio...	153	C8H11NS	018530-33-1	43	
3	Cyclopropanecarboxylic acid, 2-(...	154	C9H14O2	074841-59-1	35	
4	Phenol, 4-methyl-2-nitro-	153	C7H7NO3	000119-33-5	35	
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	20	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

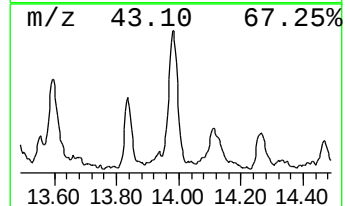
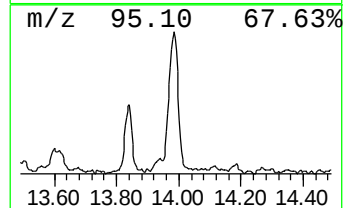
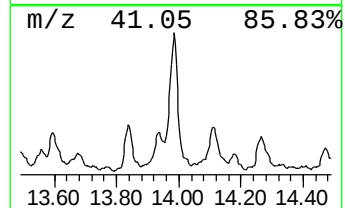
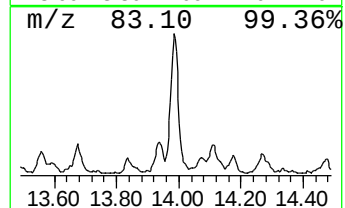
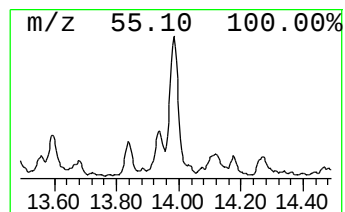
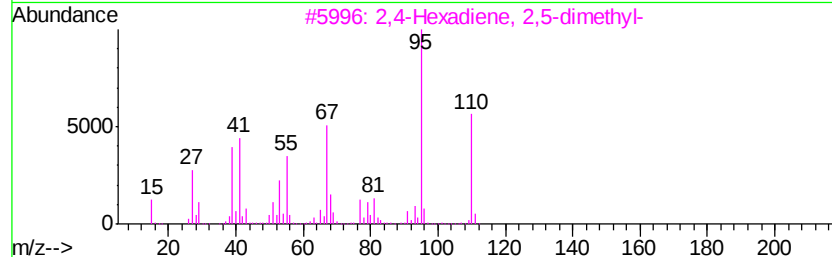
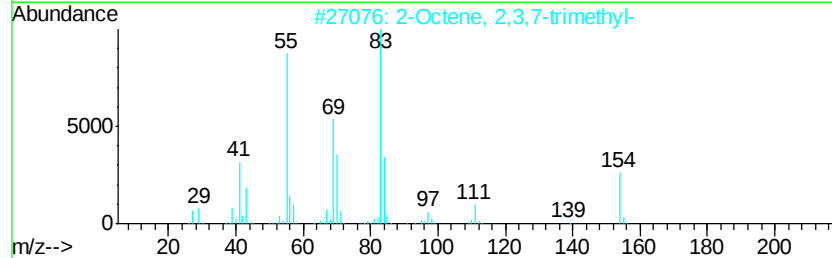
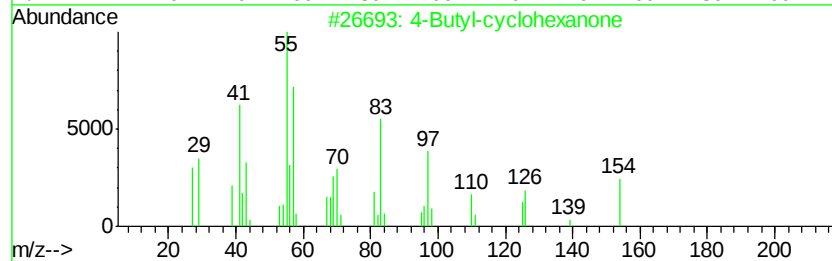
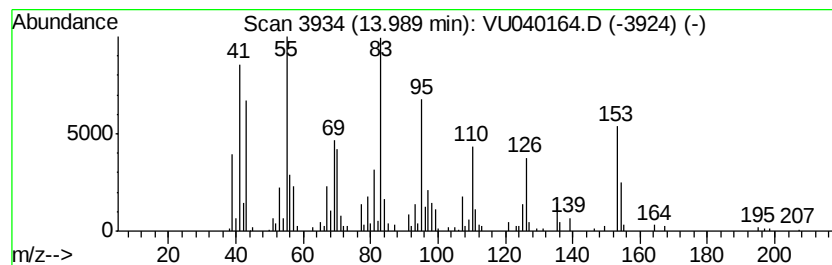
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MSVOA_U
ClientSampleId :
BG0P0

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Quant Title : TRACE VOA SOM01.0

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

Peak Number 25 4-Butyl-cyclohexanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.08 ug/L	305740	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Butyl-cyclohexanone	154 C10H18O	061203-82-5 53
2		2-Octene, 2,3,7-trimethyl-	154 C11H22	033933-75-4 38
3		2,4-Hexadiene, 2,5-dimethyl-	110 C8H14	000764-13-6 25
4		2,4-Hexadiene, 2,3-dimethyl-	110 C8H14	005678-98-8 25
5		2,4-Hexadiene, 3,4-dimethyl-, (Z...	110 C8H14	021293-01-6 25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

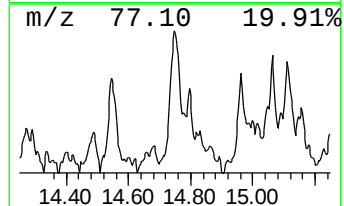
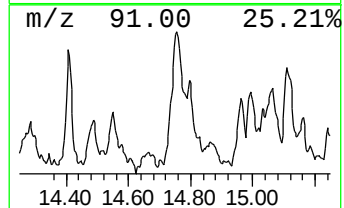
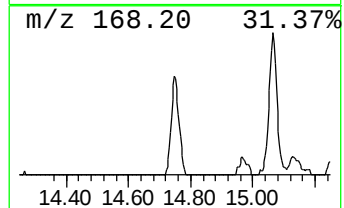
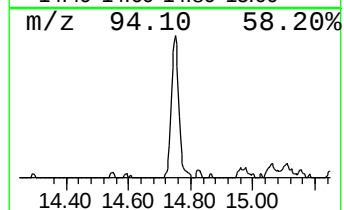
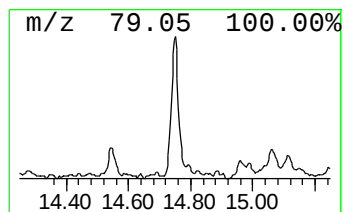
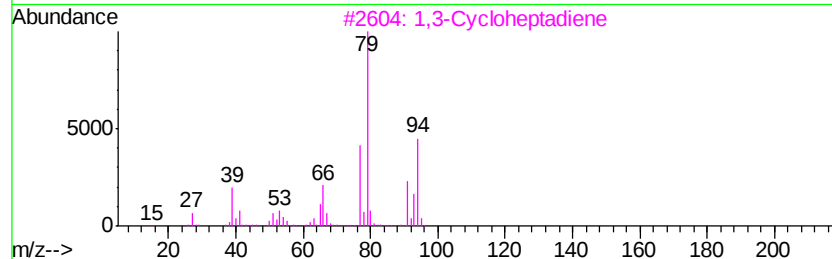
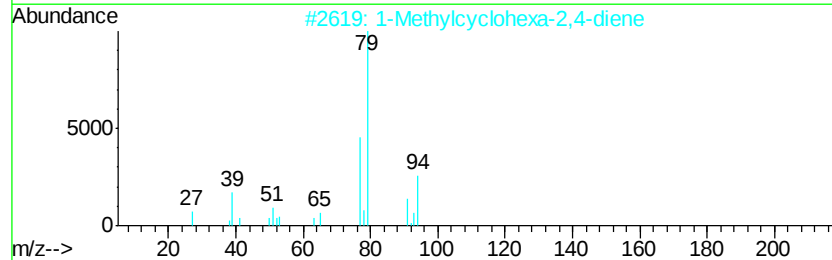
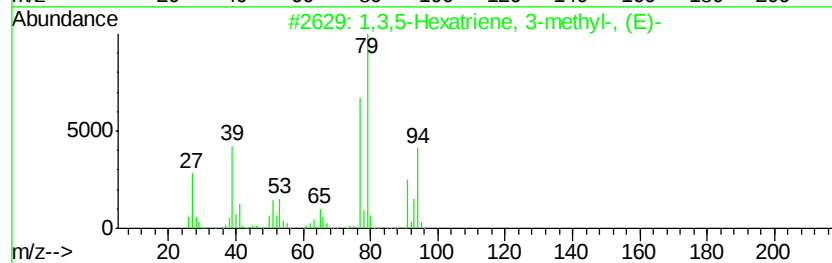
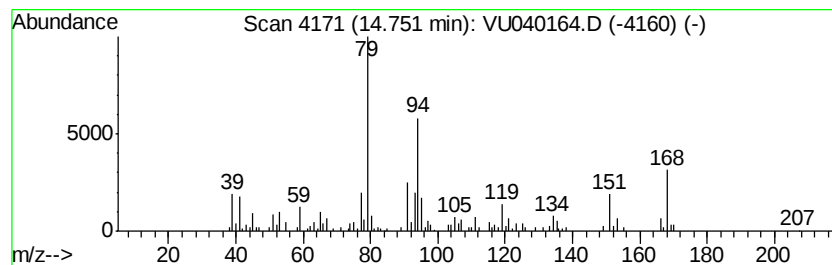
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 26 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	1.60 ug/L	120126	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	49
2			1-Methylcyclohexa-2,4-diene	94	C7H10	1000298-96-1	49
3			1,3-Cycloheptadiene	94	C7H10	004054-38-0	49
4			1,3-Cyclopentadiene, 1,2-dimethyl-	94	C7H10	004784-86-5	47
5			1,3-Cycloheptadiene	94	C7H10	004054-38-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

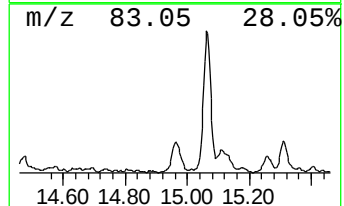
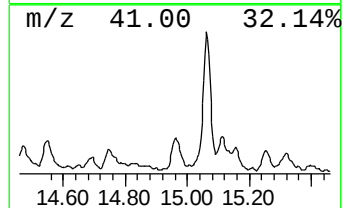
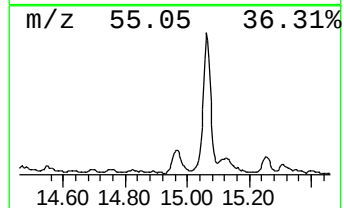
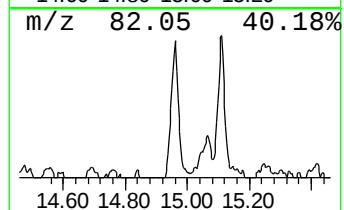
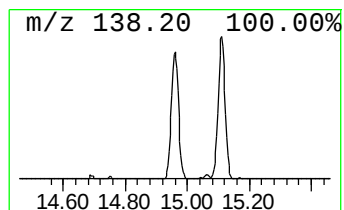
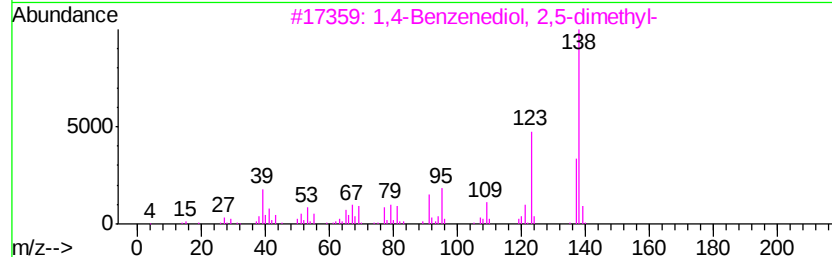
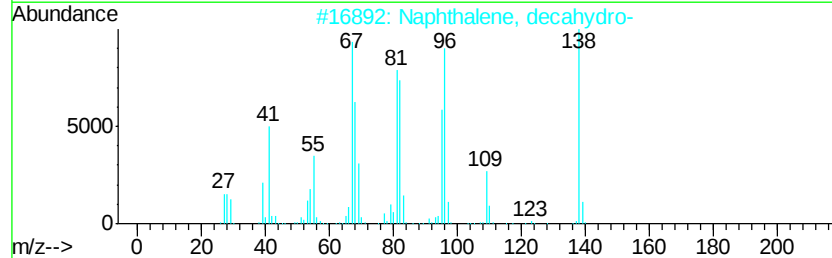
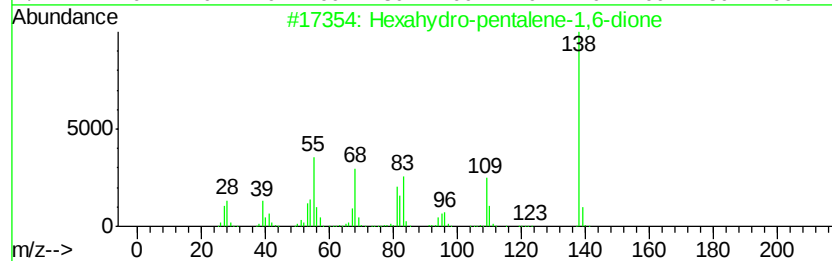
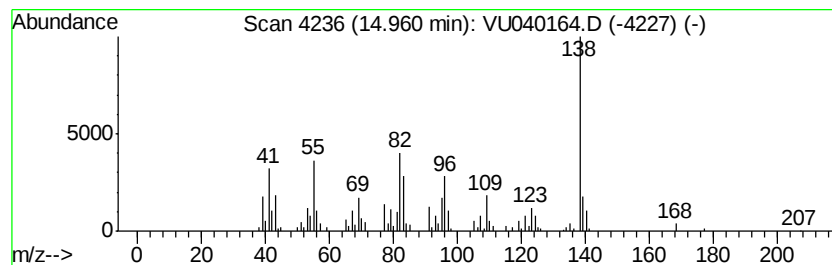
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 27 unknown-08 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	1.61 ug/L	120529	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexahydro-pentalene-1,6-dione	138	C8H10O2	090953-74-5	43
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	38
3			1,4-Benzenediol, 2,5-dimethyl-	138	C8H10O2	000615-90-7	38
4			1,4-Benzenediol, 2,6-dimethyl-	138	C8H10O2	000654-42-2	38
5			Benzene, 1,3-dimethoxy-	138	C8H10O2	000151-10-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040164.D
Acq On : 16 Sep 2020 22:17
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

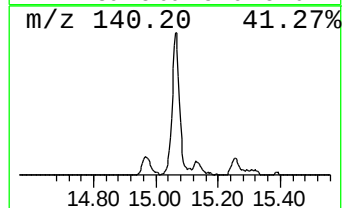
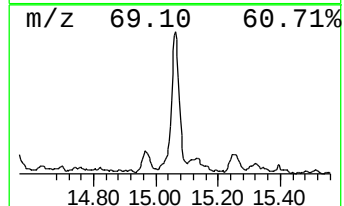
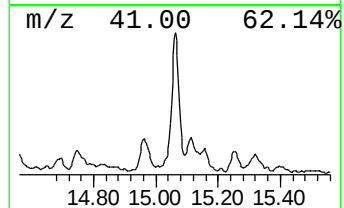
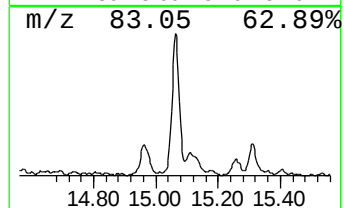
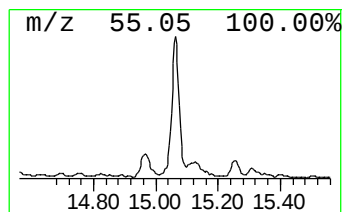
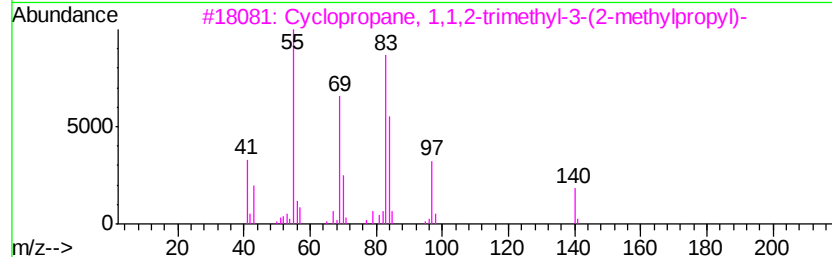
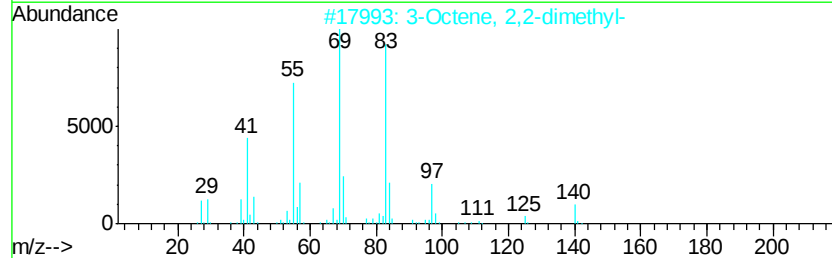
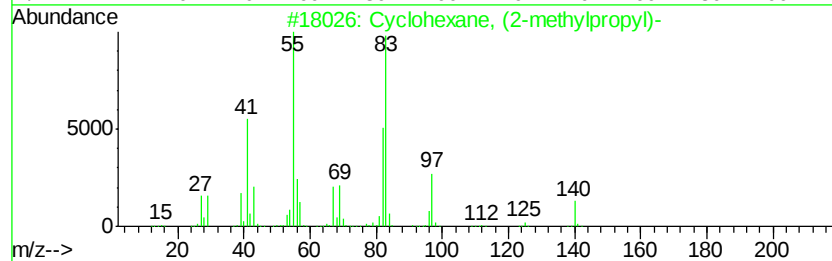
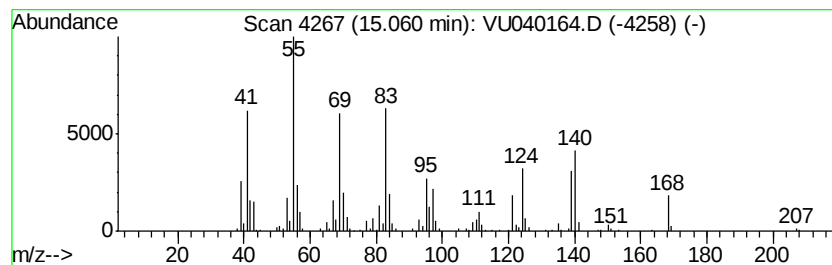
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 28 (DEL) Alkane: Cyclic15.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.20 ug/L	239630	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	45
2		3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
3		Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	41
4		2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	38
5		2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
 Data File : VU040164.D
 Acq On : 16 Sep 2020 22:17
 Operator : SY/MD
 Sample : L4046-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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
(DEL) Alkane: Str...	2.23	1.5	ug/L	95998	1	6.27	319051	5.0
Ethyl ether	2.39	37.4	ug/L	2386290	1	6.27	319051	5.0
(DEL) Alkane: Str...	3.10	1.5	ug/L	97479	1	6.27	319051	5.0
(DEL) Alkane: Str...	3.72	4.0	ug/L	254092	1	6.27	319051	5.0
Diisopropyl ether	4.02	143.6	ug/L	9164670	1	6.27	319051	5.0
(DEL) Alkane: Cyc...	4.55	12.7	ug/L	810630	1	6.27	319051	5.0
Furan, tetrahydro...	7.72	1.5	ug/L	96319	1	6.27	319051	5.0
3-Heptanone, 6-me...	10.89	9.1	ug/L	678056	3	11.81	374279	5.0
Benzene, 1-chloro...	10.98	1.3	ug/L	98702	3	11.81	374279	5.0
Benzene, 1-ethyl-...	11.29	2.9	ug/L	219795	3	11.81	374279	5.0
Benzene, tert-butyl-	11.41	4.4	ug/L	329955	3	11.81	374279	5.0
unknown-01	11.49	3.1	ug/L	234930	3	11.81	374279	5.0
unknown-02	11.64	1.9	ug/L	138178	3	11.81	374279	5.0
unknown-03	11.88	8.3	ug/L	622812	3	11.81	374279	5.0
Indane	12.09	4.2	ug/L	315935	3	11.81	374279	5.0
Benzene, 4-ethyl-...	12.56	3.4	ug/L	251764	3	11.81	374279	5.0
Benzene, (2-methy...	12.67	1.5	ug/L	109433	3	11.81	374279	5.0
Benzene, 1-chloro...	12.77	1.8	ug/L	134490	3	11.81	374279	5.0
Benzene, 4-chloro...	12.82	6.4	ug/L	478829	3	11.81	374279	5.0
unknown-04	12.85	3.1	ug/L	231346	3	11.81	374279	5.0
Benzene, 1,2,3,4-...	12.96	2.7	ug/L	200292	3	11.81	374279	5.0
unknown-05	13.46	2.9	ug/L	218225	3	11.81	374279	5.0
6-Methyl-hept-2-y...	13.60	1.3	ug/L	94677	3	11.81	374279	5.0
unknown-06	13.84	1.8	ug/L	133324	3	11.81	374279	5.0
4-Butyl-cyclohexa...	13.99	4.1	ug/L	305740	3	11.81	374279	5.0
unknown-07	14.75	1.6	ug/L	120126	3	11.81	374279	5.0
unknown-08	14.96	1.6	ug/L	120529	3	11.81	374279	5.0
(DEL) Alkane: Cyc...	15.06	3.2	ug/L	239630	3	11.81	374279	5.0