

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038267.D
 Acq On : 21 May 2020 16:16
 Operator : JC/MD
 Sample : L2724-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T9

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\SOMUTR050720WMA.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	2.443	331	343	360	rBV	7699350	11812220	7.87%	2.256%
2	4.099	829	858	892	rBV2	33474405	91358327	60.83%	17.449%
3	4.600	997	1014	1050	rVB	2409089	6145101	4.09%	1.174%
4	5.205	1174	1202	1254	rBV2	1874483	7335751	4.88%	1.401%
5	5.481	1271	1288	1302	rBV	867633	1941335	1.29%	0.371%
6	5.864	1373	1407	1422	rBV	14710872	30822906	20.52%	5.887%
7	6.825	1695	1706	1727	rVB2	963046	2027322	1.35%	0.387%
8	6.964	1728	1749	1763	rVB2	1176472	2255710	1.50%	0.431%
9	8.012	2064	2075	2088	rVB	2998326	4950096	3.30%	0.945%
10	8.677	2269	2282	2291	rBV	1266579	2286379	1.52%	0.437%
11	9.484	2509	2533	2557	rBV4	80921877	150184238	100.00%	28.684%
12	9.597	2557	2568	2592	rVB	6952135	12290580	8.18%	2.347%
13	9.719	2592	2606	2618	rBV	2527419	4244485	2.83%	0.811%
14	9.787	2618	2627	2644	rVB	1016166	1680598	1.12%	0.321%
15	10.124	2719	2732	2756	rVB2	4300754	7909498	5.27%	1.511%
16	10.279	2766	2780	2800	rBV	1030460	2231431	1.49%	0.426%
17	10.504	2836	2850	2862	rBV	7170464	11814957	7.87%	2.257%
18	10.635	2876	2891	2896	rBV5	880281	1907530	1.27%	0.364%
19	10.745	2914	2925	2930	rBV3	1176272	2204950	1.47%	0.421%
20	10.922	2959	2980	2996	rBV	8220151	16767659	11.16%	3.202%
21	11.005	2996	3006	3012	rVV	2075781	3302597	2.20%	0.631%
22	11.047	3012	3019	3030	rVV	2477952	4177617	2.78%	0.798%
23	11.307	3087	3100	3121	rVB	6768819	11307007	7.53%	2.160%
24	11.651	3188	3207	3222	rVB6	3163463	8274863	5.51%	1.580%
25	11.761	3231	3241	3248	rBV	997754	1566854	1.04%	0.299%
26	11.851	3248	3269	3277	rVV2	4745827	9608562	6.40%	1.835%
27	11.902	3277	3285	3298	rVB4	4495671	7303835	4.86%	1.395%
28	12.108	3333	3349	3364	rVB2	10472923	16713025	11.13%	3.192%
29	12.224	3367	3385	3400	rVB4	2344172	6248916	4.16%	1.193%
30	12.497	3454	3470	3479	rBV2	1114150	2165343	1.44%	0.414%
31	12.587	3489	3498	3506	rBV	1526436	2117146	1.41%	0.404%
32	12.886	3578	3591	3611	rBV	17825970	26986650	17.97%	5.154%
33	12.992	3613	3624	3633	rVB	1130264	1871305	1.25%	0.357%
34	13.475	3765	3774	3789	rBV5	1216518	2244416	1.49%	0.429%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

35	14.114	3963	3973	3999	rvB2	918525	1874761	1.25%	0.358%
36	15.455	4378	4390	4405	rvB2	864611	1539804	1.03%	0.294%
37	16.841	4809	4821	4845	rvB	3455956	5636995	3.75%	1.077%
38	16.970	4846	4861	4895	rvB	22926184	38474646	25.62%	7.348%

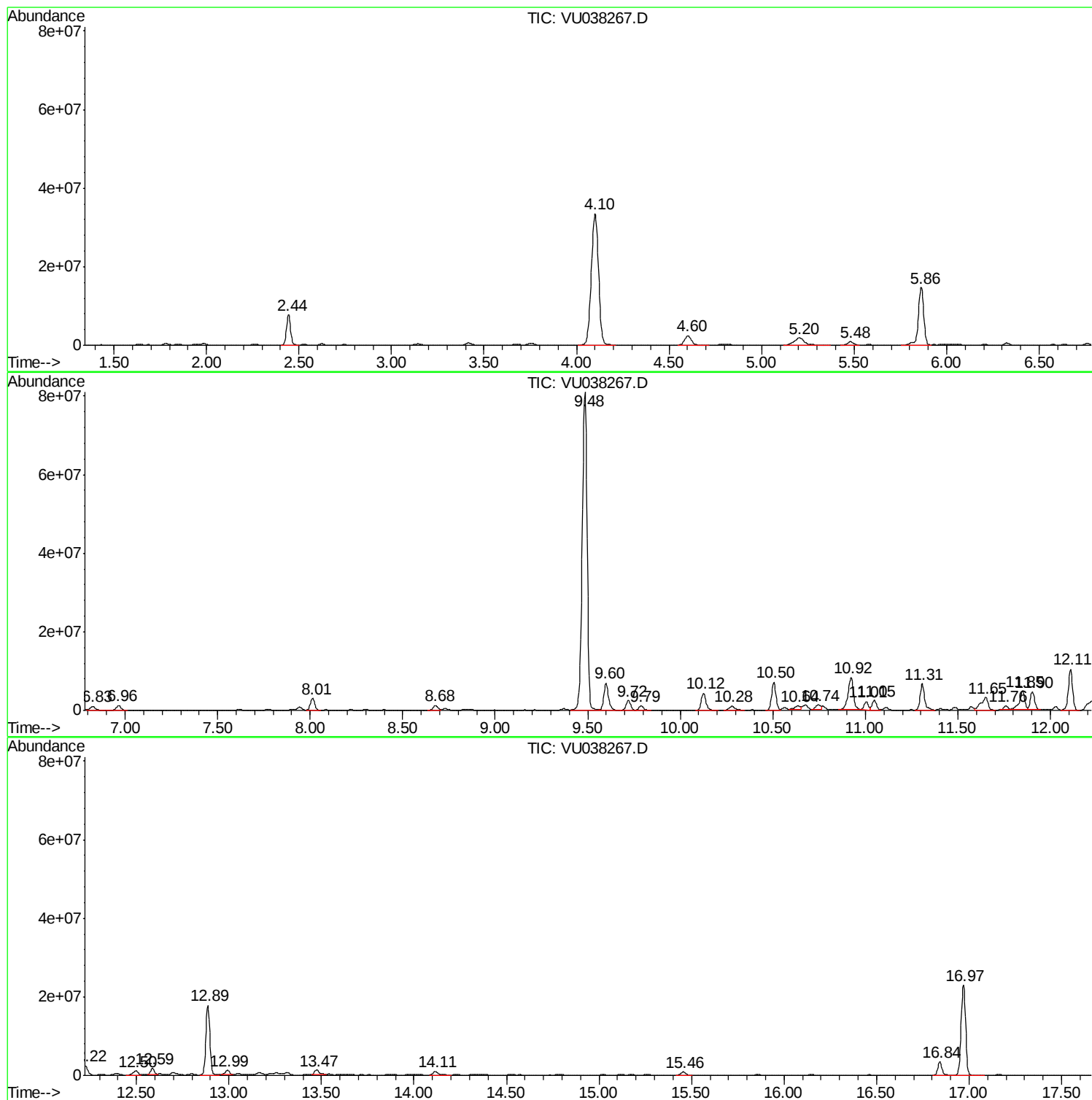
Sum of corrected areas: 523585415

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

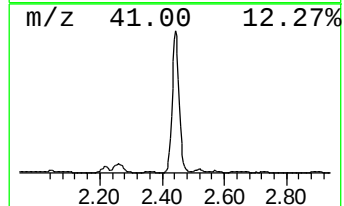
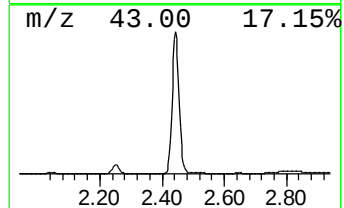
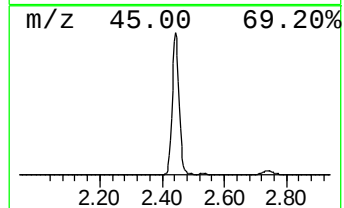
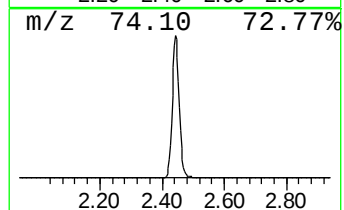
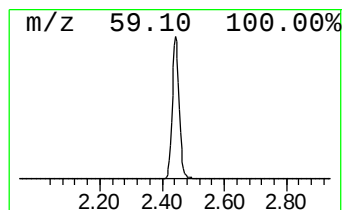
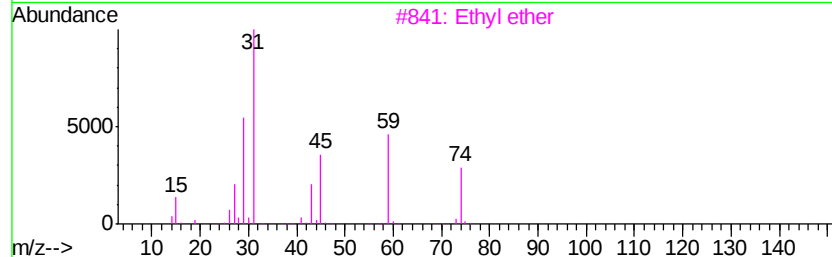
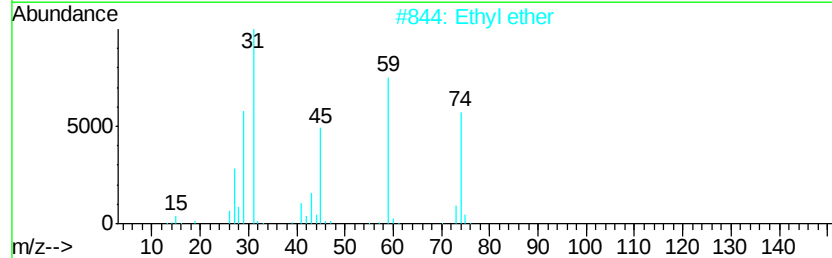
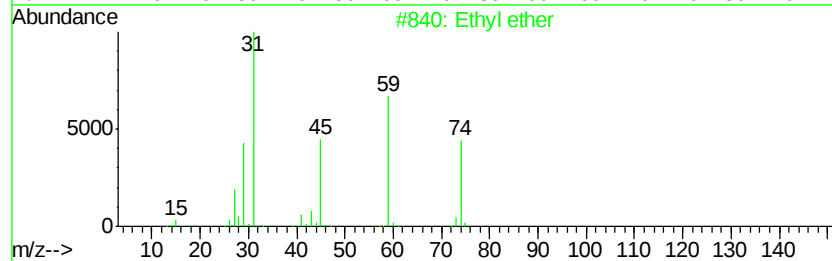
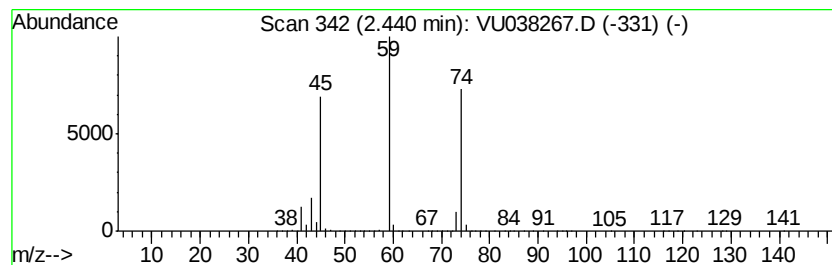
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	1.92 ug/L	11812200	1,4-Difluorobenzene	6.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	91
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	83
4			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5			Ethyl ether	74	C4H10O	000060-29-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

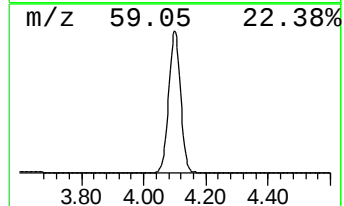
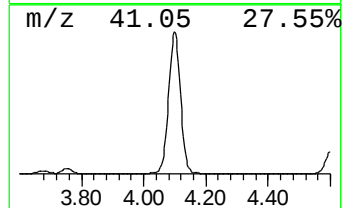
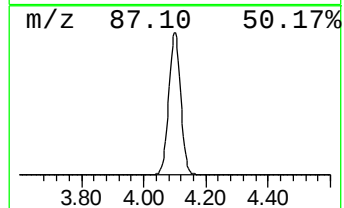
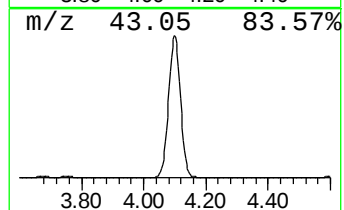
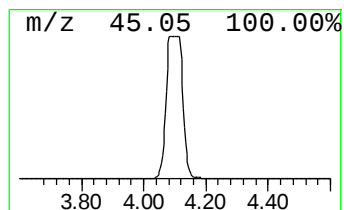
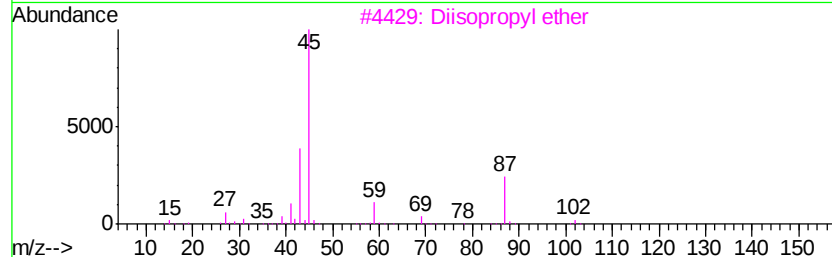
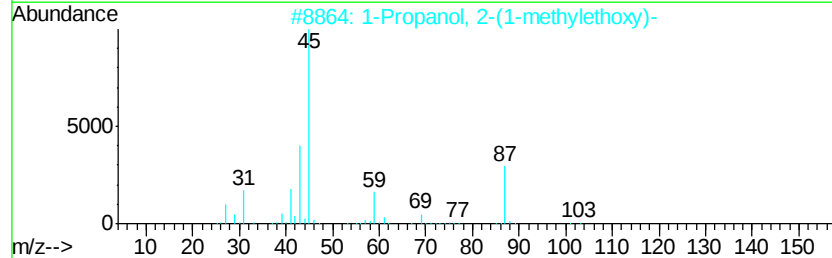
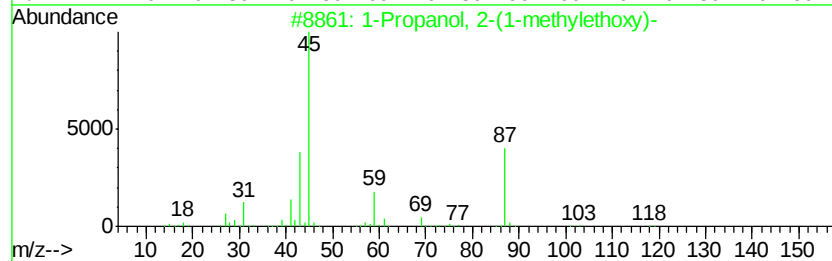
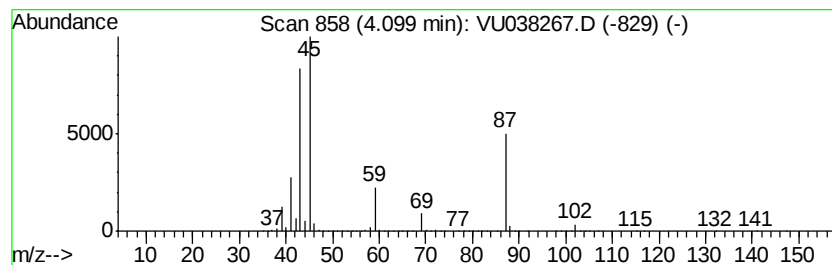
Instrument :
MSVOA_U
ClientSampleId :
BE4T9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 1-Propanol, 2-(1-methyletho... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	14.82 ug/L	91358300	1,4-Difluorobenzene	6.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Propanol, 2-(1-methylethoxy)-	118 C6H14O2	003944-37-4	72
2	1-Propanol, 2-(1-methylethoxy)-	118 C6H14O2	003944-37-4	64
3	Diisopropyl ether	102 C6H14O	000108-20-3	46
4	2-Propanone, 1-methoxy-	88 C4H8O2	005878-19-3	38
5	Propane, 2-ethoxy-	88 C5H12O	000625-54-7	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

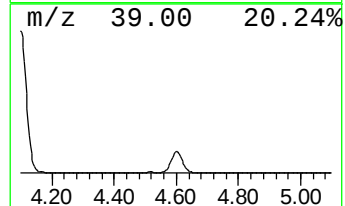
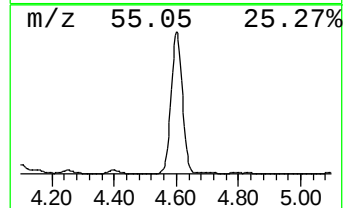
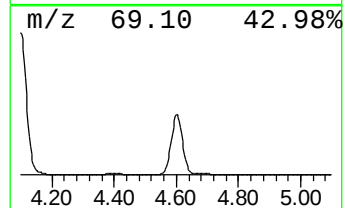
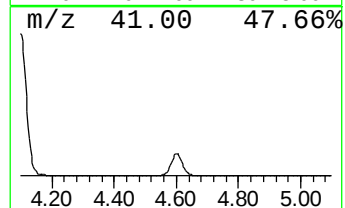
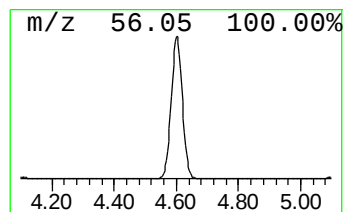
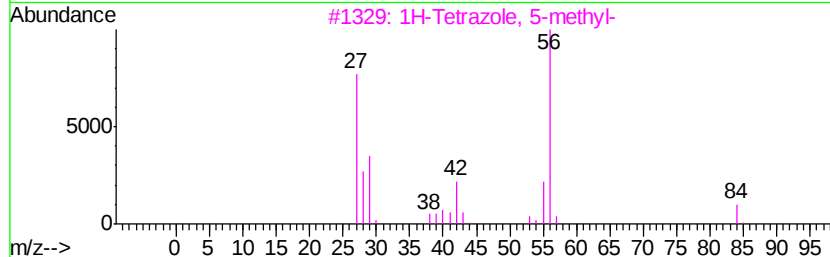
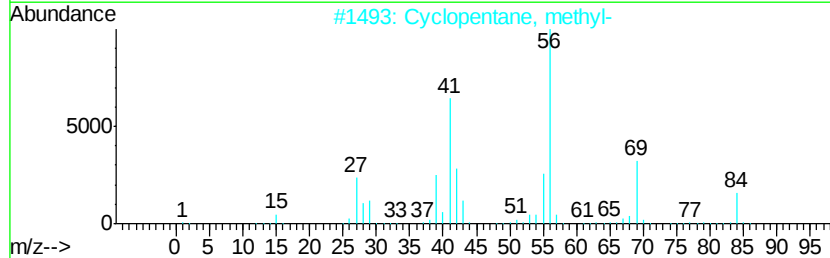
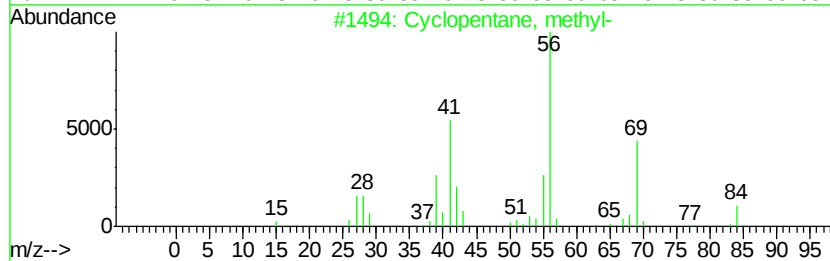
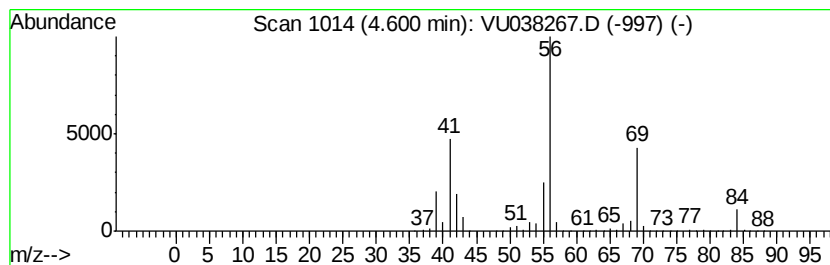
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic4.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	1.00 ug/L	6145100	1,4-Difluorobenzene	6.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4			Cyclohexane	84	C6H12	000110-82-7	78
5			Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

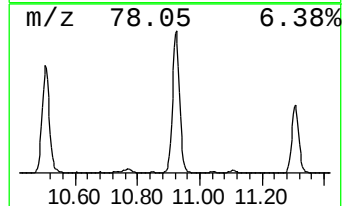
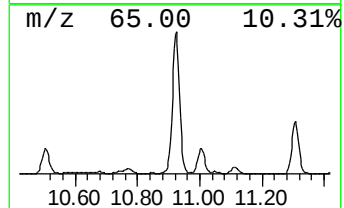
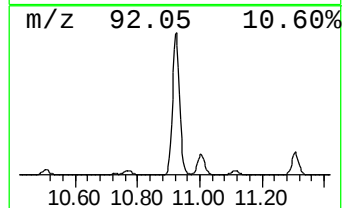
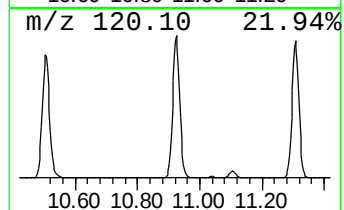
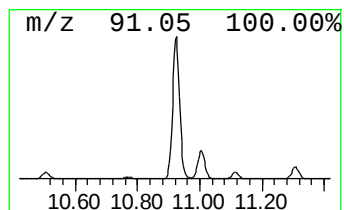
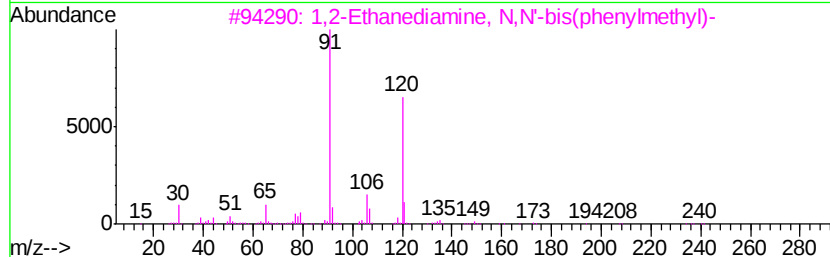
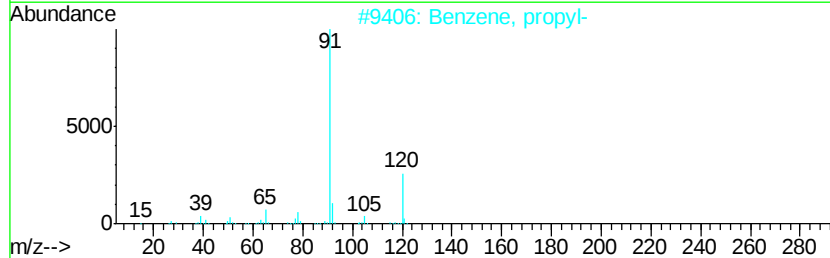
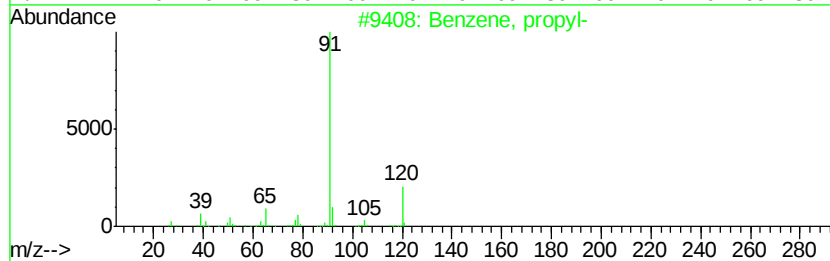
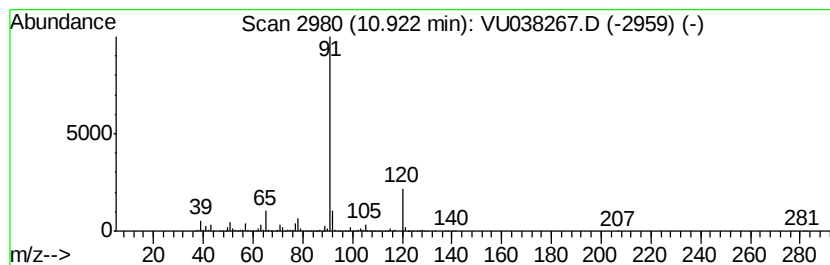
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	8.73 ug/L	16767700	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

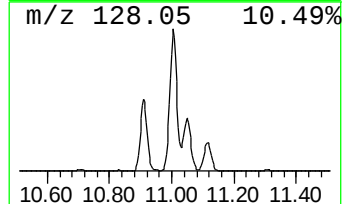
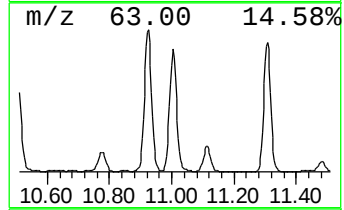
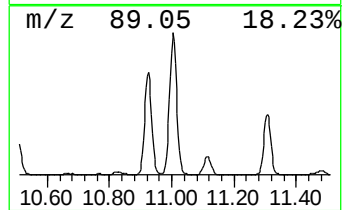
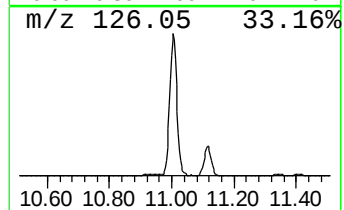
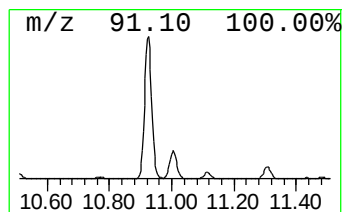
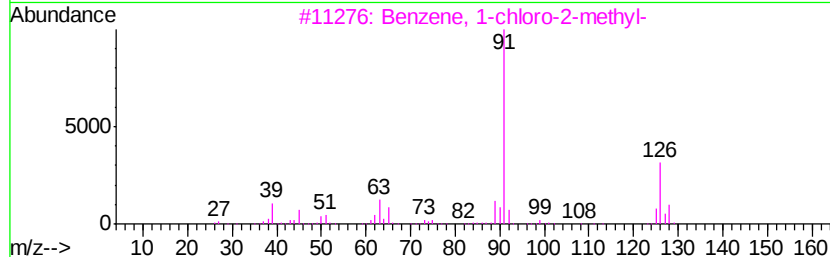
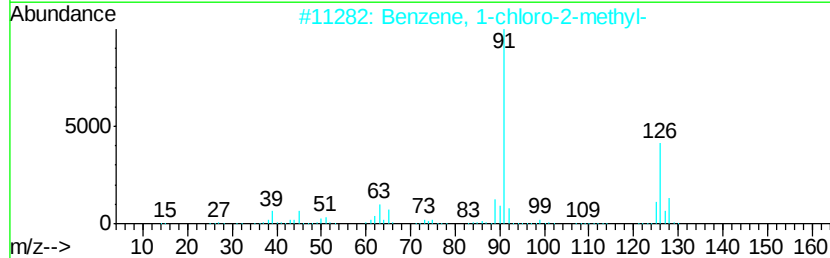
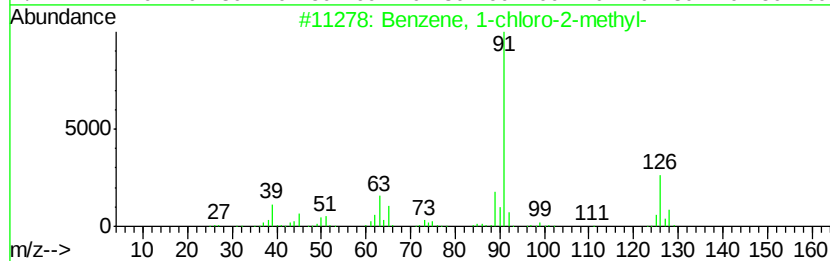
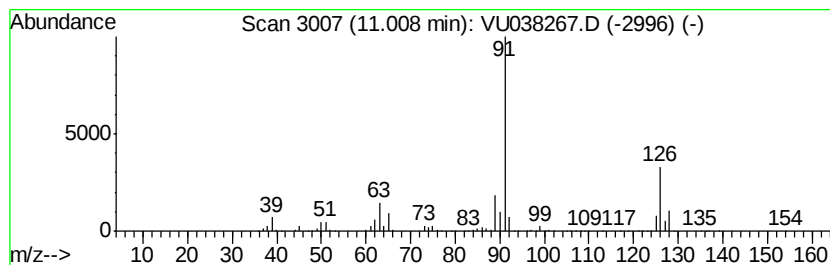
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 1-chloro-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	1.72 ug/L	3302600	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
3		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95
4		Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95
5		Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

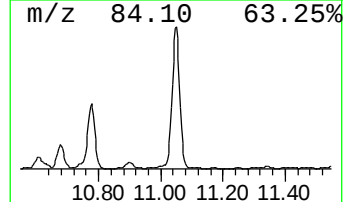
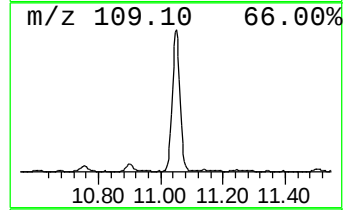
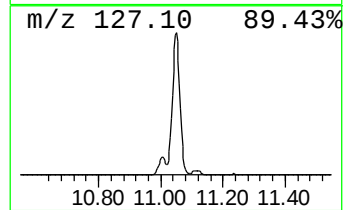
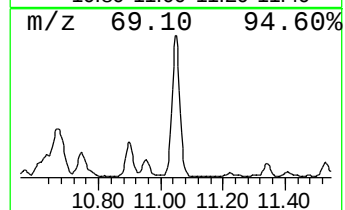
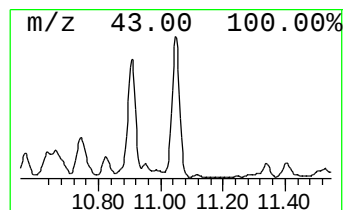
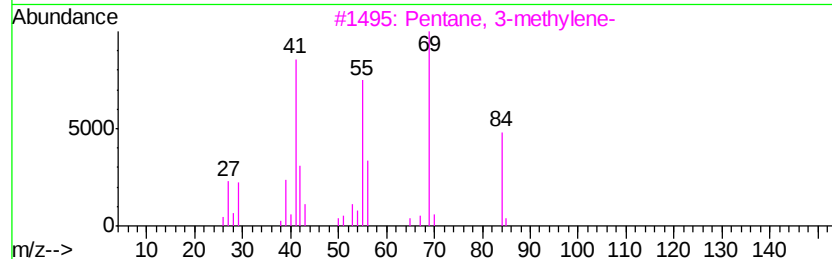
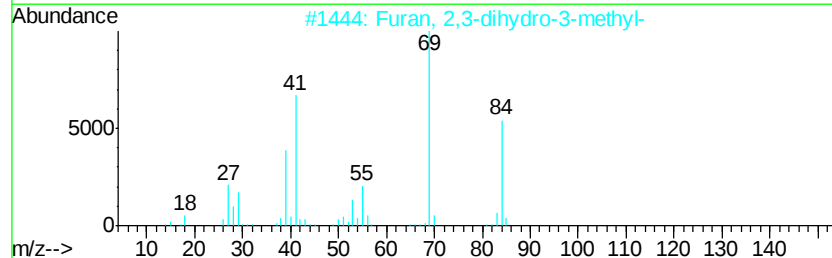
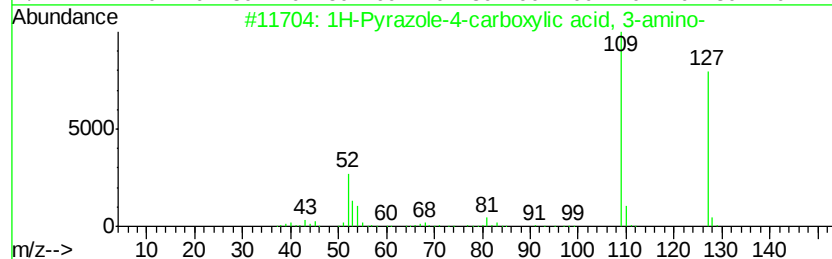
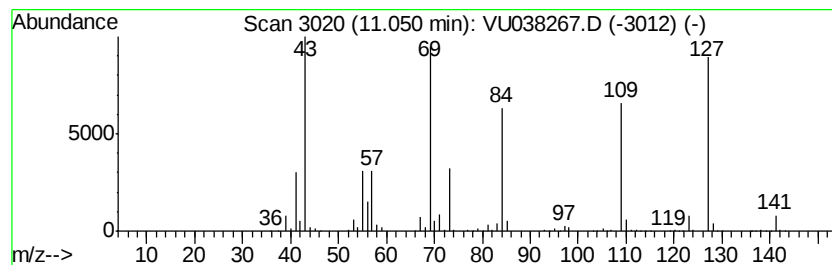
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.17 ug/L	4177620	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Pyrazole-4-carboxylic acid, 3...	127	C4H5N3O2	041680-34-6	35
2		Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	30
3		Pentane, 3-methylene-	84	C6H12	000760-21-4	27
4		1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	27
5		3,5,5-Trimethylcyclohexyl propyl...	250	C12H24F02P	1000298-30-8	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BE4T9

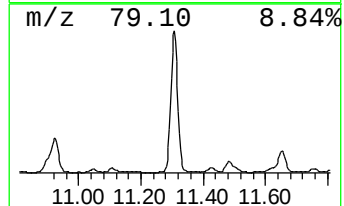
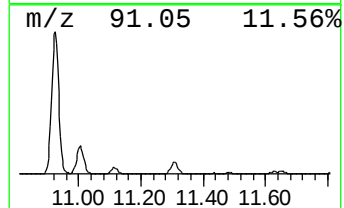
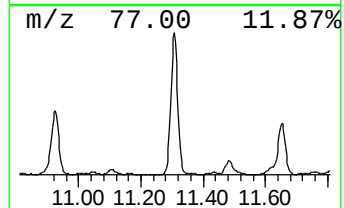
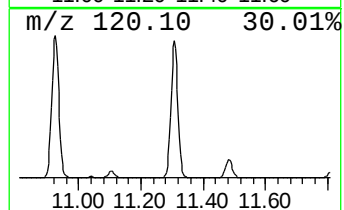
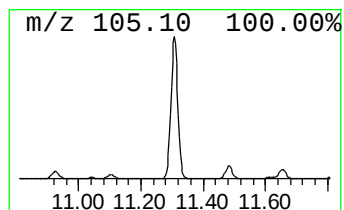
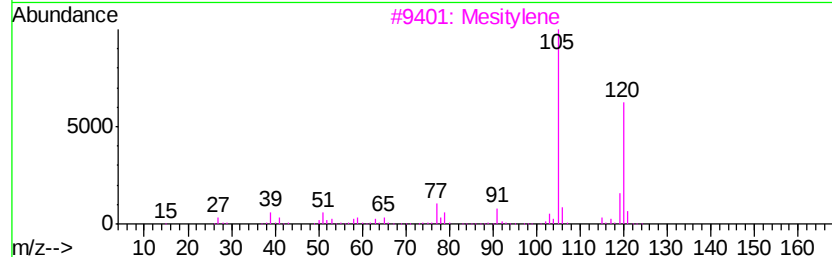
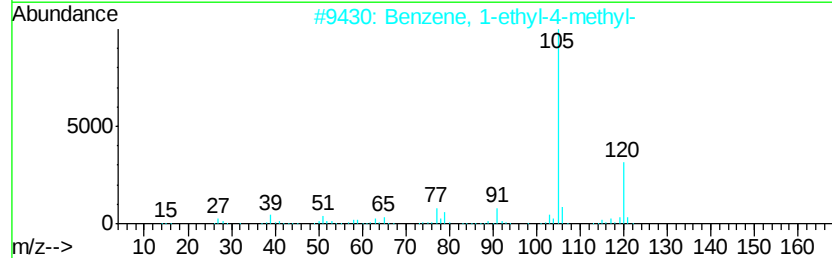
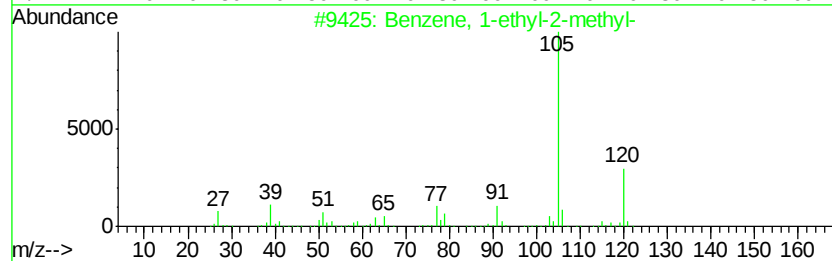
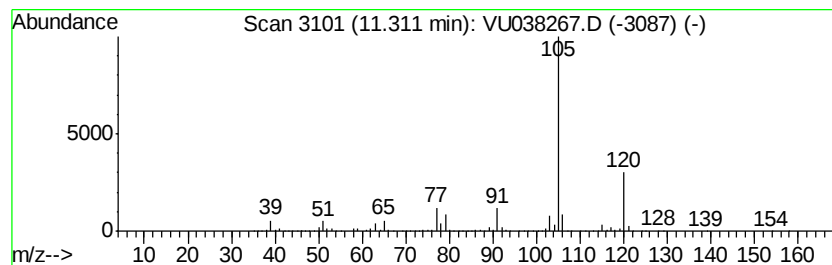
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	5.88 ug/L	11307000	1,4-Dichlorobenzene-d4	11.83

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-4-methyl-	120	C9H12	000622-96-8	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

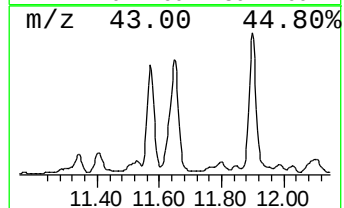
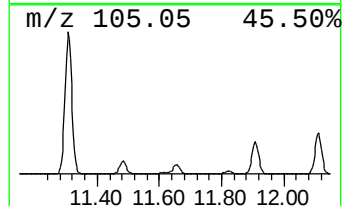
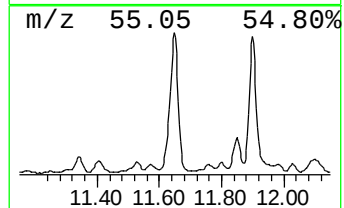
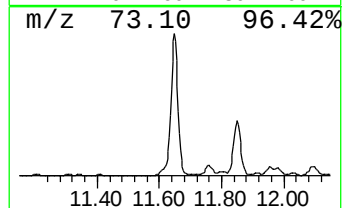
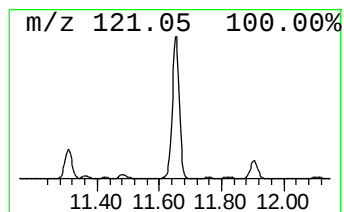
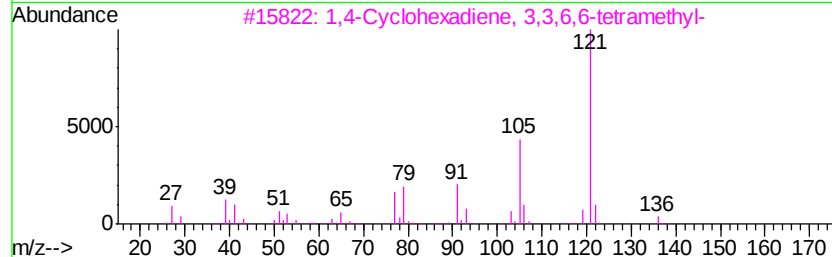
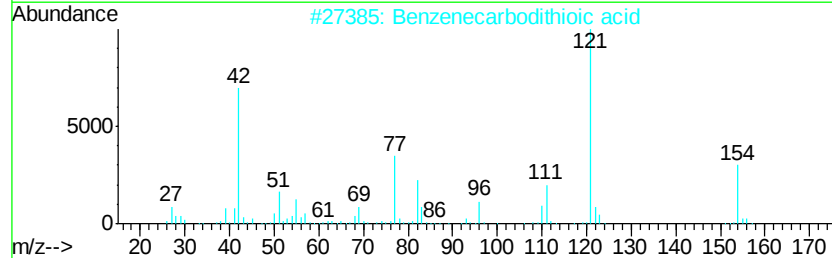
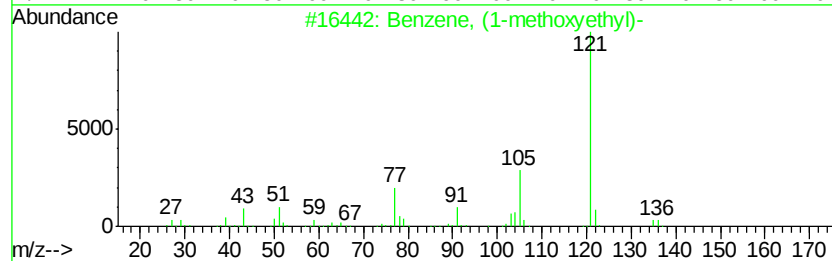
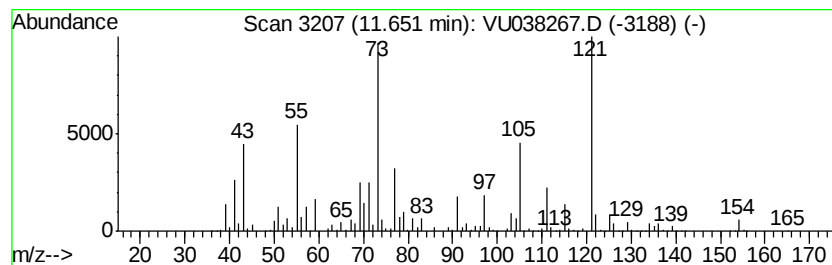
Instrument :
MSVOA_U
ClientSampleId :
BE4T9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Benzene, (1-methoxyethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.31 ug/L	8274860	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methoxyethyl)-	136 C9H12O	004013-34-7 50
2		Benzenecarbodithioic acid	154 C7H6S2	000121-68-6 47
3		1,4-Cyclohexadiene, 3,3,6,6-tetr...	136 C10H16	002223-54-3 43
4		Fenobucarb	207 C12H17NO2	003766-81-2 38
5		.alpha.-Hydroxy-.alpha.-methylbe...	226 C15H14O2	005623-26-7 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

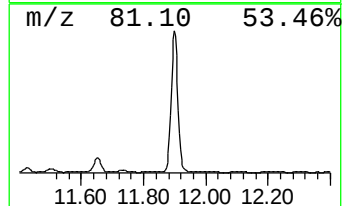
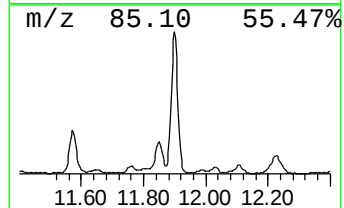
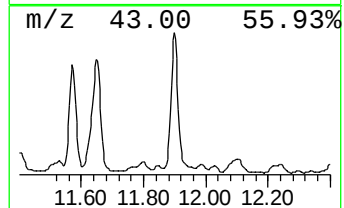
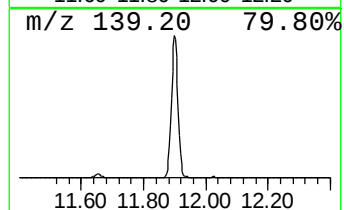
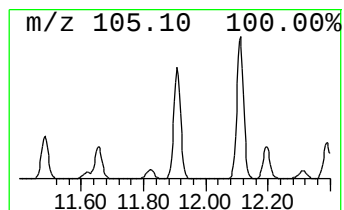
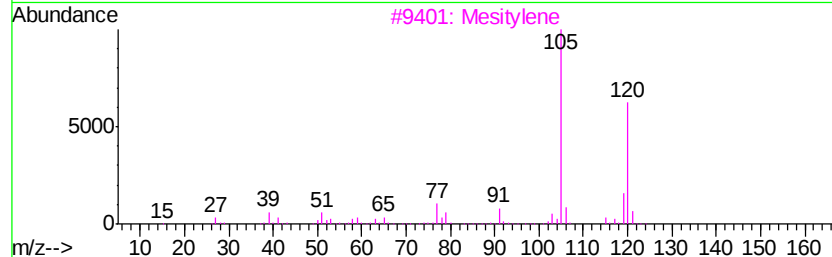
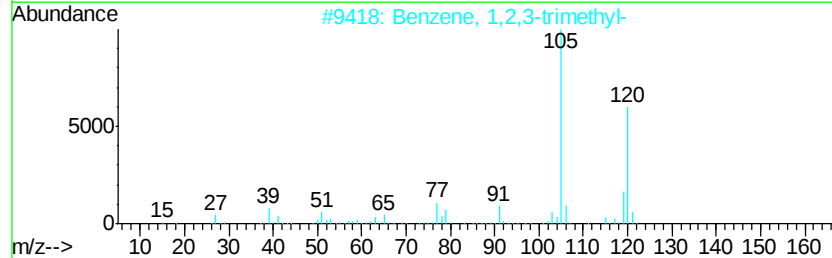
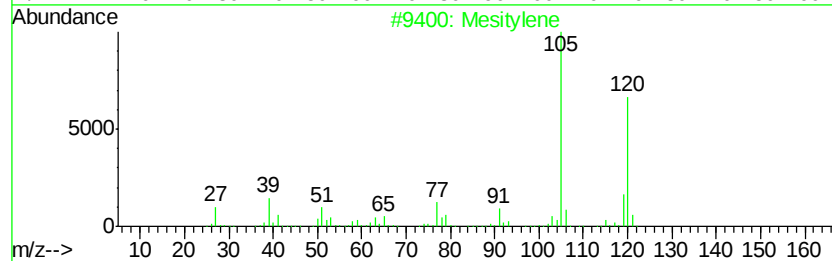
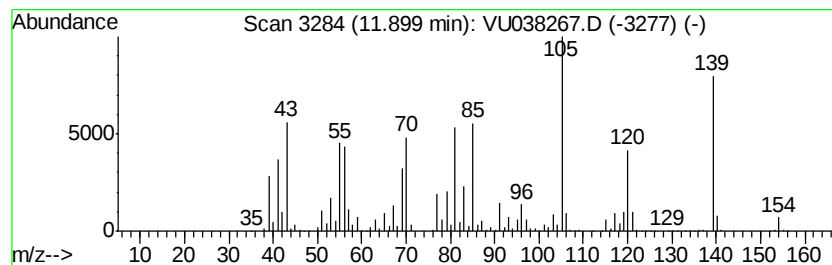
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.80 ug/L	7303840	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	38
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
3		Mesitylene	120	C9H12	000108-67-8	38
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

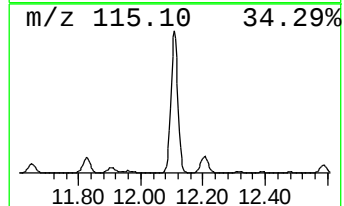
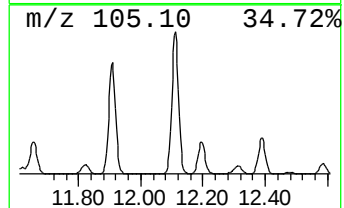
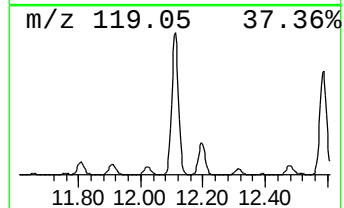
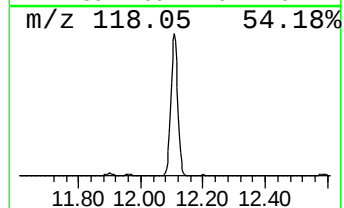
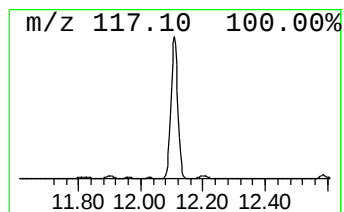
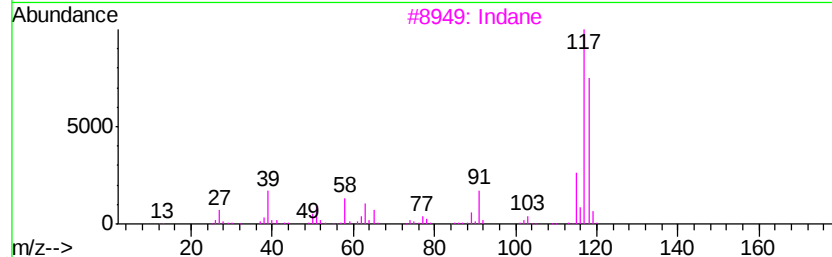
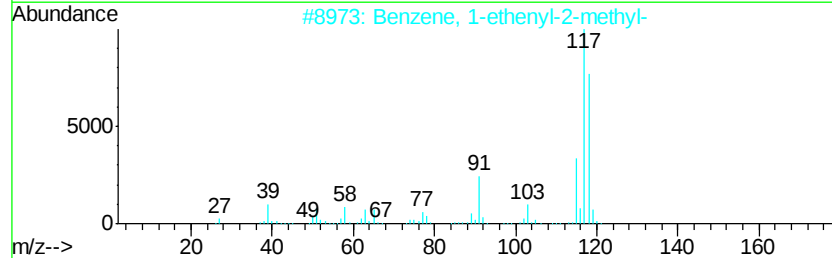
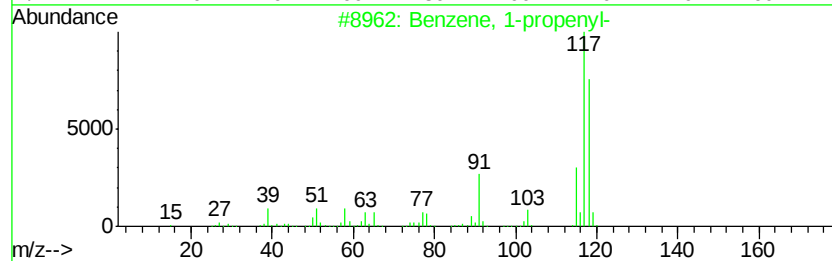
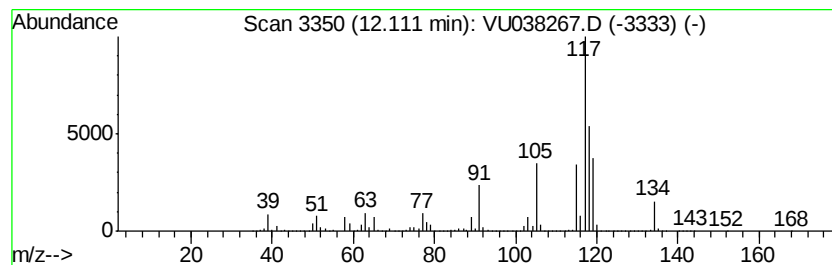
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	8.70 ug/L	16713000	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3		Indane	118	C9H10	000496-11-7	70
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

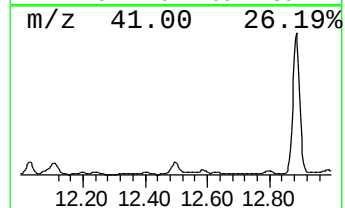
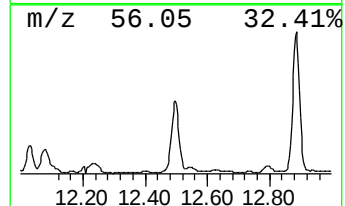
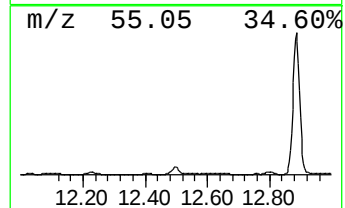
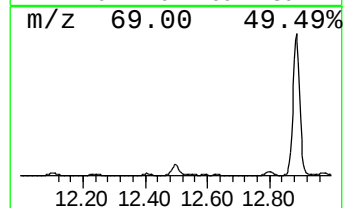
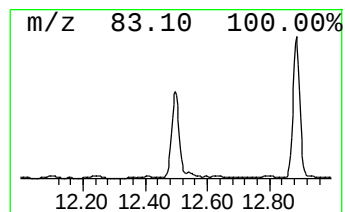
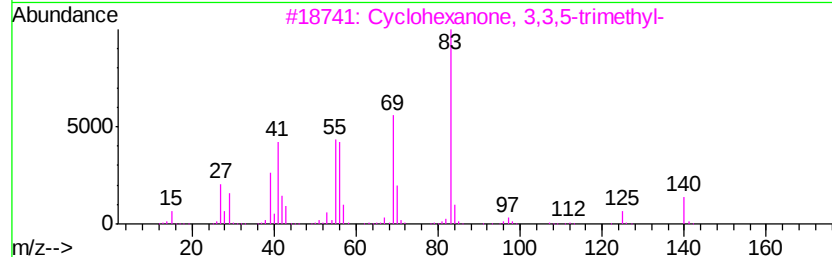
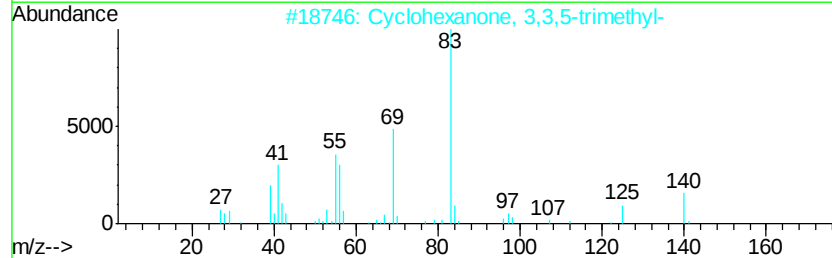
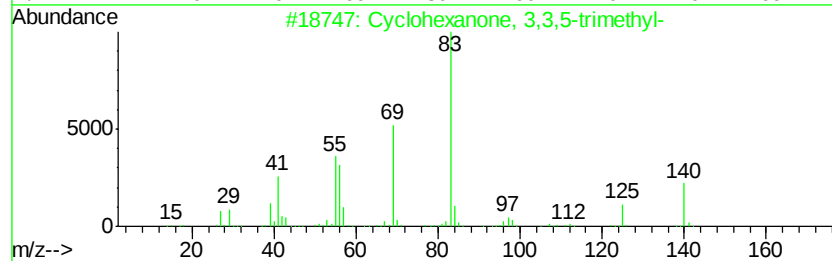
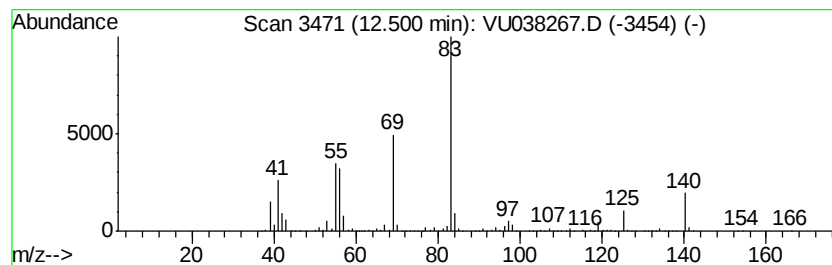
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Cyclohexanone, 3,3,5-trimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	1.13 ug/L	2165340	1,4-Dichlorobenzene-d4	11.83

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	94
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
5		2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

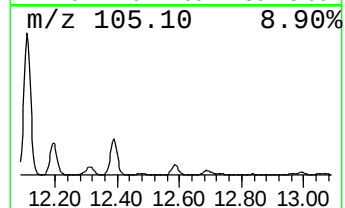
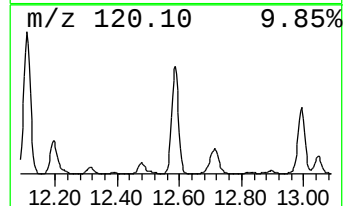
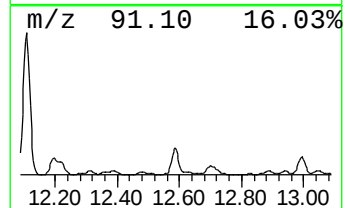
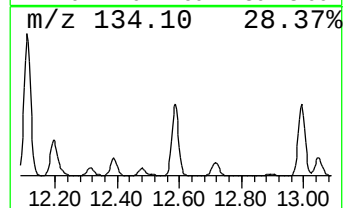
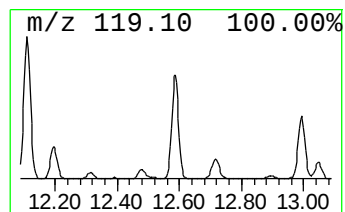
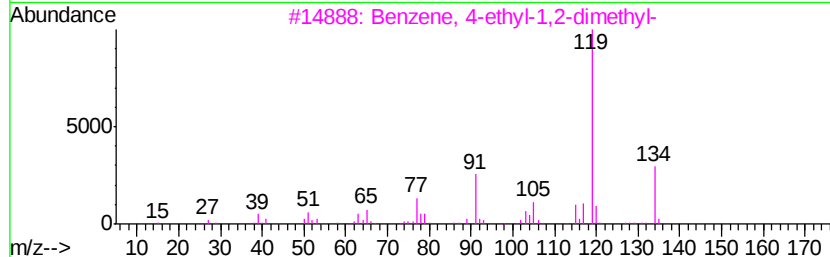
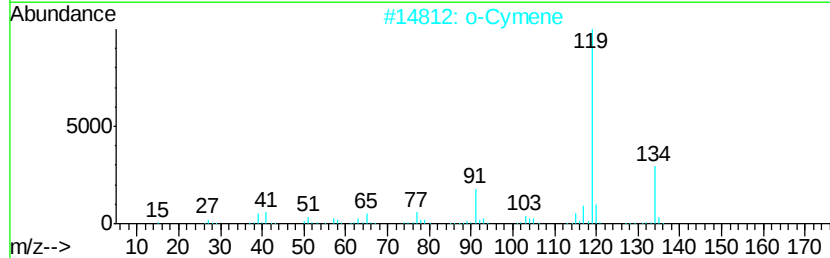
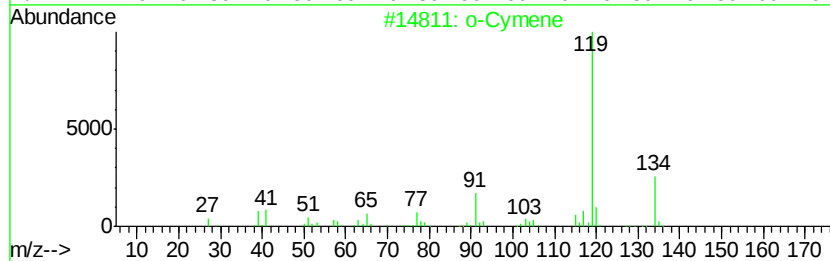
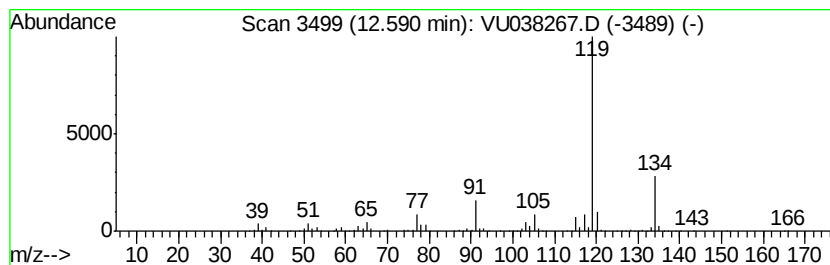
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	1.10 ug/L	2117150	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

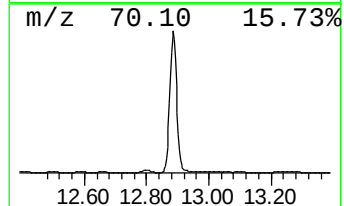
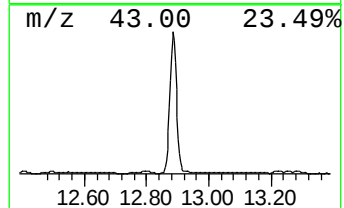
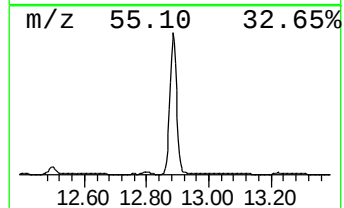
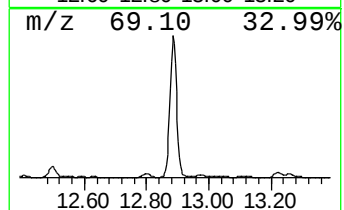
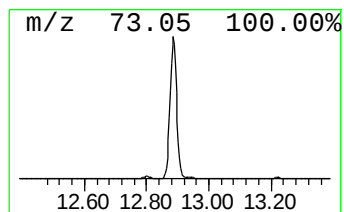
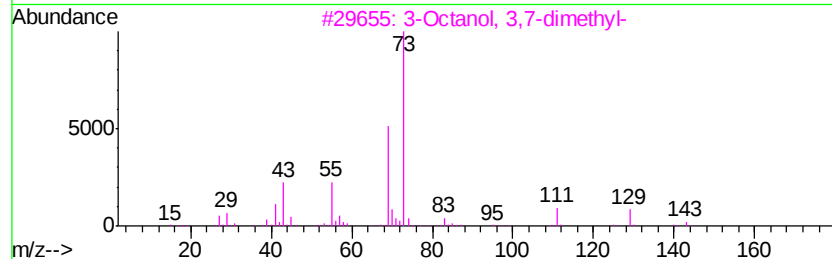
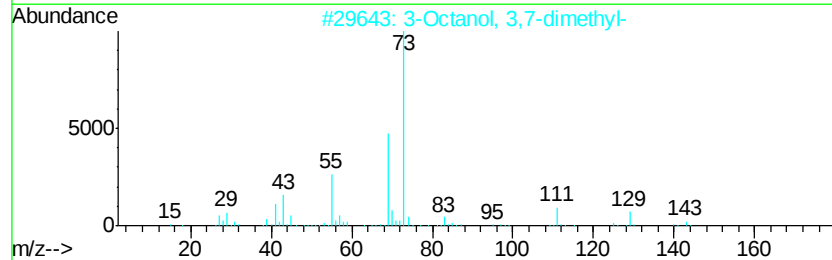
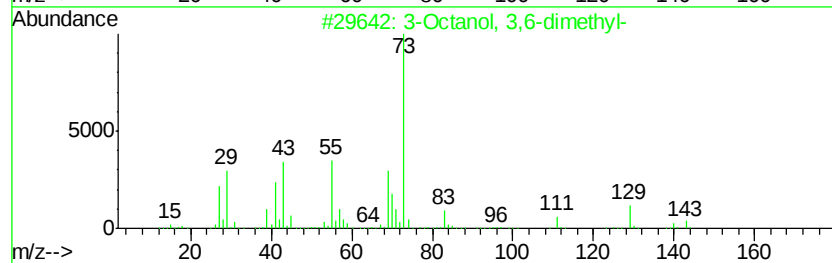
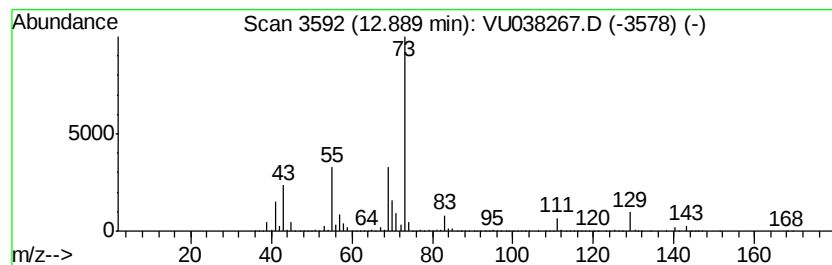
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 3-Octanol, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	14.04 ug/L	26986700	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	72
2		3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	50
3		3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	50
4		3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	40
5		3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

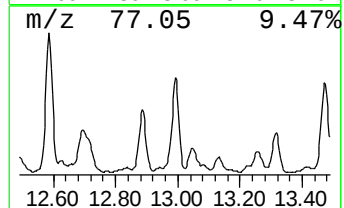
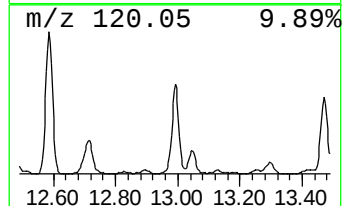
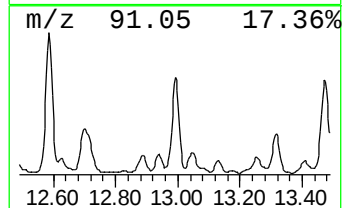
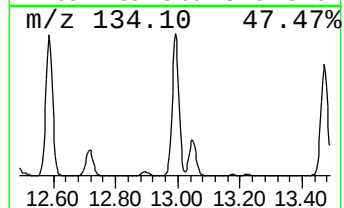
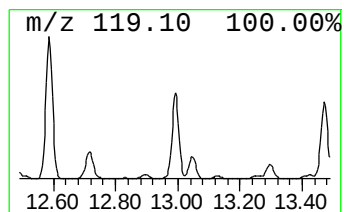
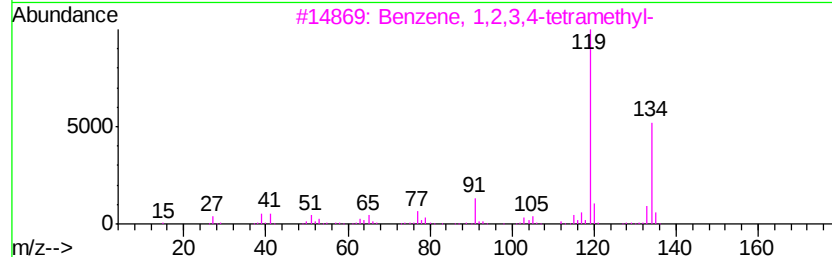
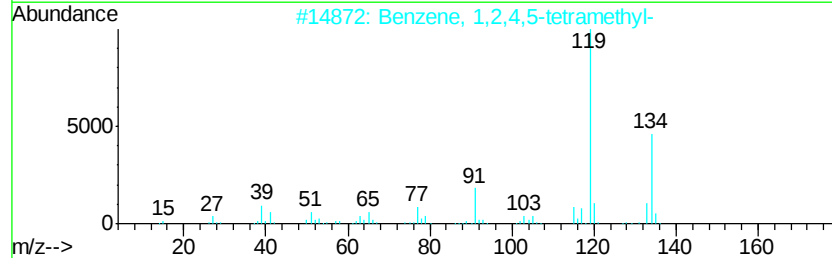
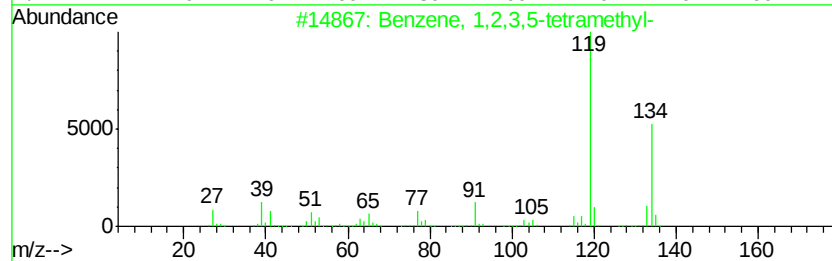
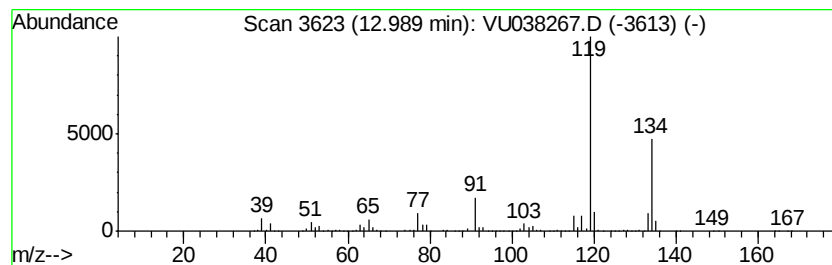
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	0.97 ug/L	1871310	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

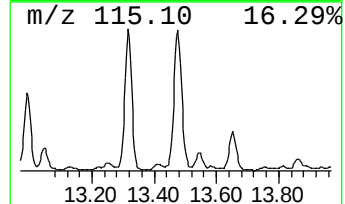
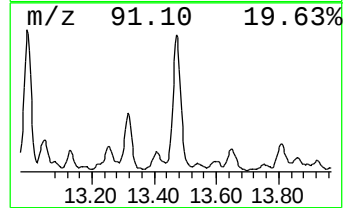
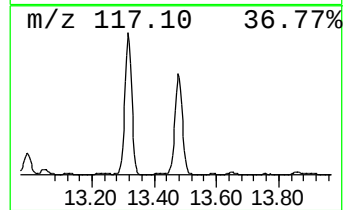
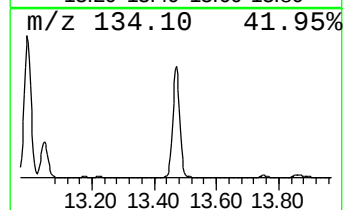
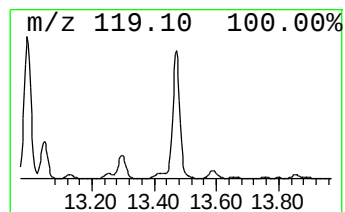
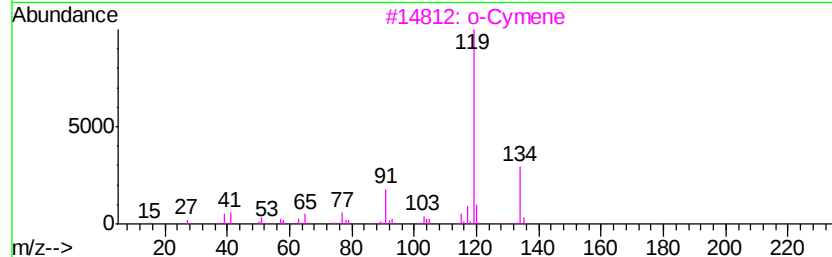
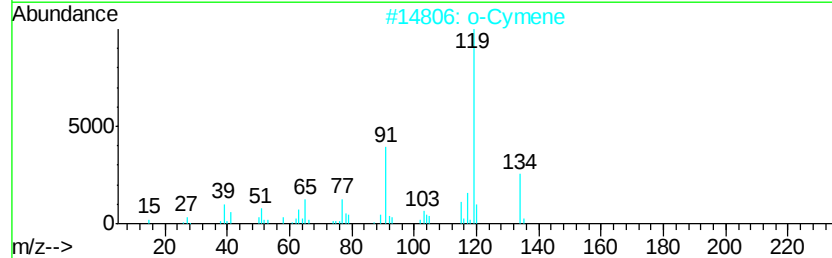
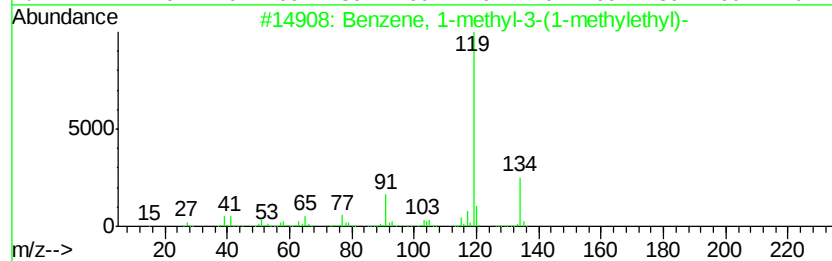
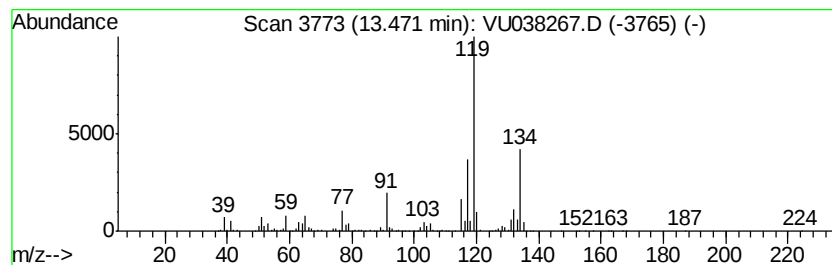
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.17 ug/L	2244420	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2		o-Cymene	134	C10H14	000527-84-4	70
3		o-Cymene	134	C10H14	000527-84-4	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5		o-Cymene	134	C10H14	000527-84-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

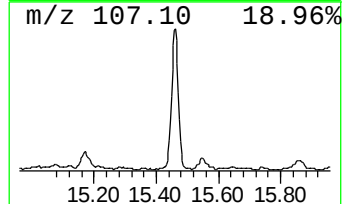
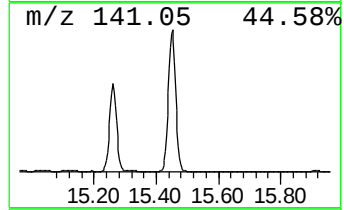
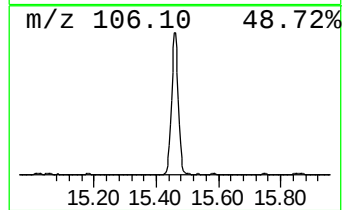
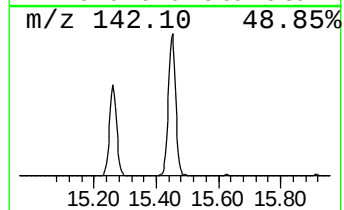
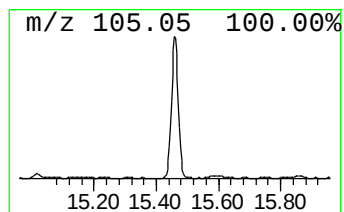
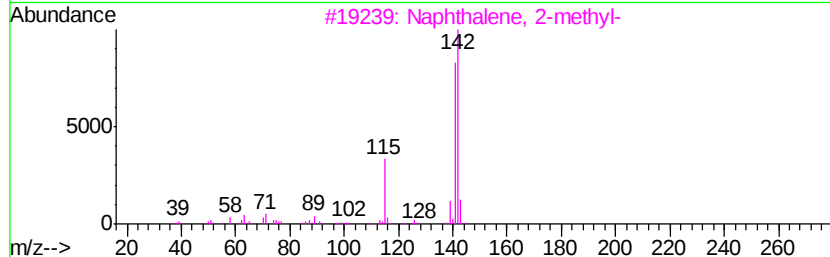
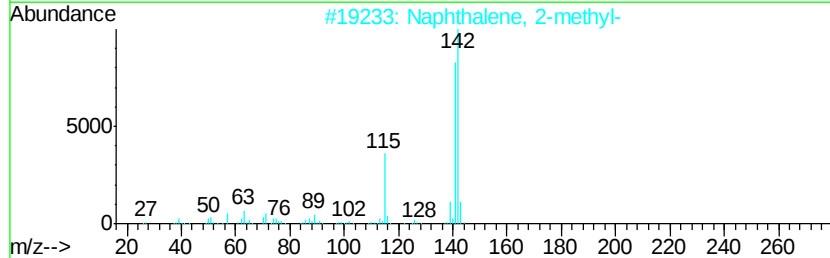
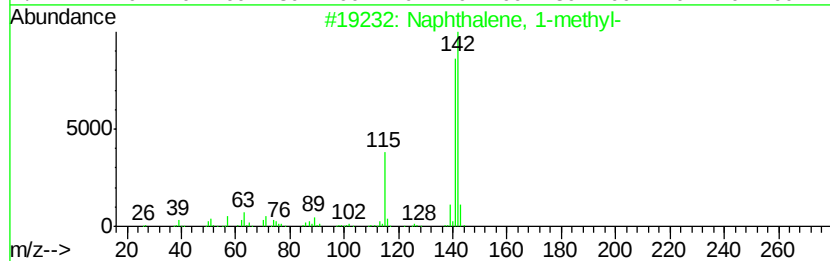
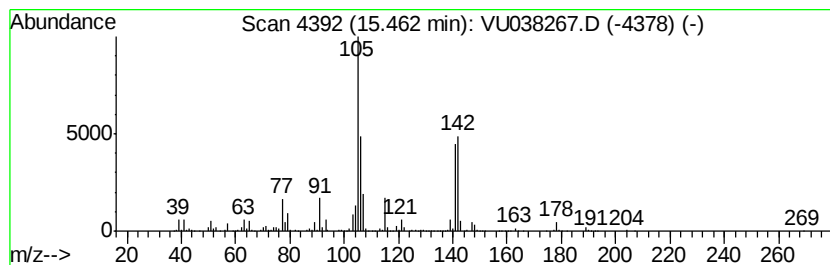
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.80 ug/L	1539800	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
5		Benzocycloheptatriene	142	C11H10	000264-09-5	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9

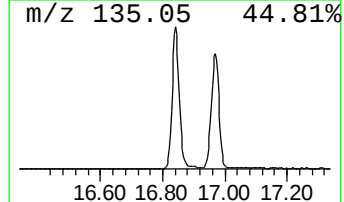
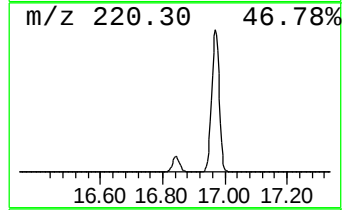
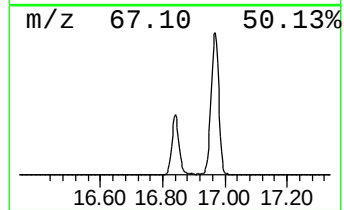
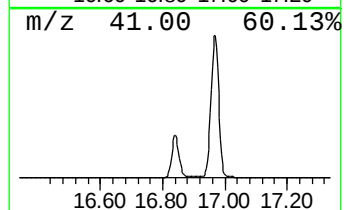
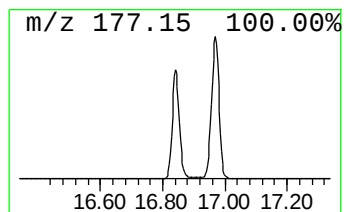
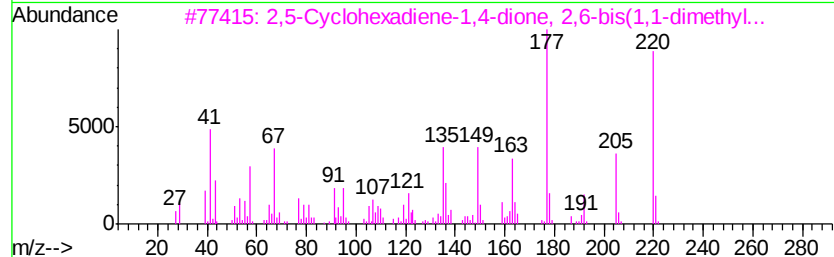
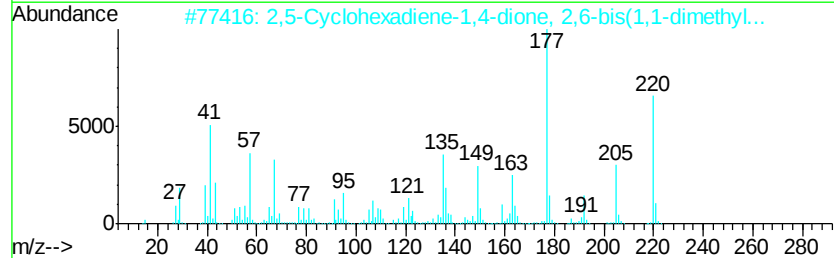
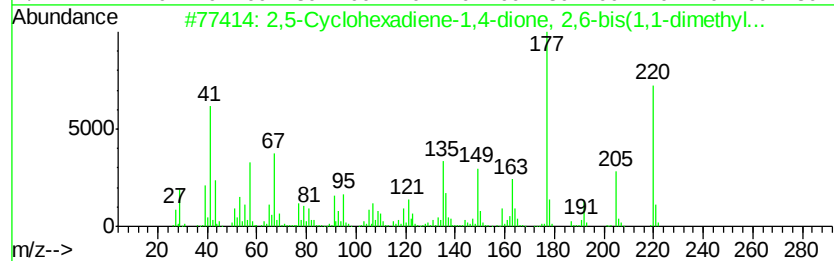
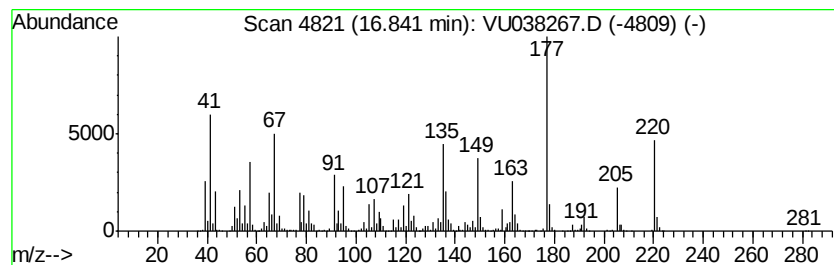
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.93 ug/L	5637000	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
3			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	53
4			Propanamine, 2-(1-adamantyl)-2-m...	207	C14H25N	079594-24-4	38
5			1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038267.D
Acq On : 21 May 2020 16:16
Operator : JC/MD
Sample : L2724-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

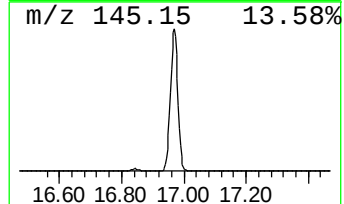
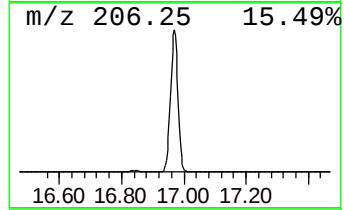
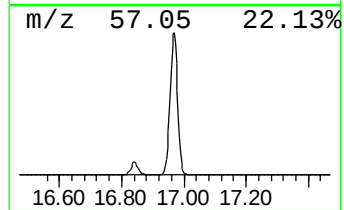
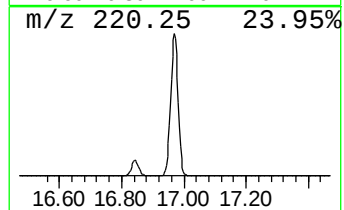
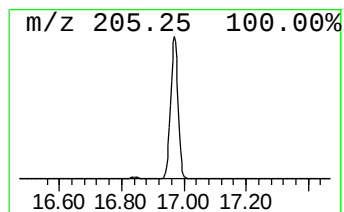
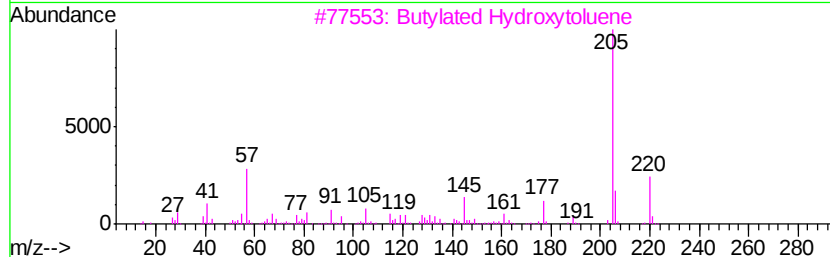
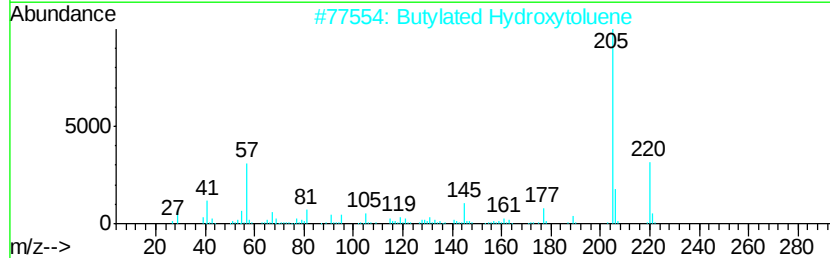
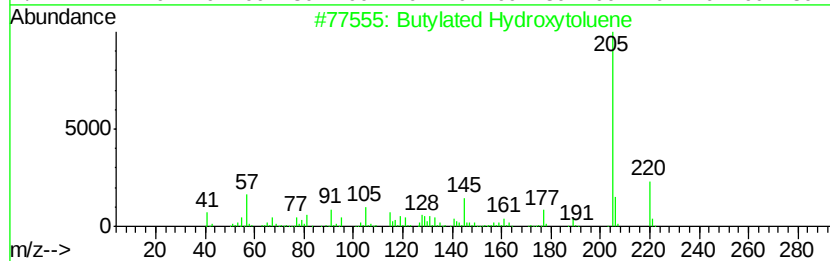
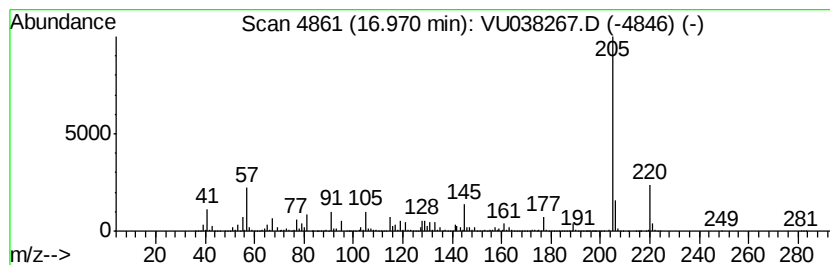
Instrument :
MSVOA_U
ClientSampleId :
BE4T9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.97	20.02 ug/L	38474600	1,4-Dichlorobenzene-d4	11.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	96
3	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 2,4,6-tris(1-methylethyl)-		220	C15H24O	002934-07-8	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
 Data File : VU038267.D
 Acq On : 21 May 2020 16:16
 Operator : JC/MD
 Sample : L2724-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.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
Ethyl ether	2.44	1.9	ug/L	11812200	1	6.32	30822900	5.0
1-Propanol, 2-(1-...	4.10	14.8	ug/L	91358300	1	6.32	30822900	5.0
(DEL) Alkane: Cyc...	4.60	1.0	ug/L	6145100	1	6.32	30822900	5.0
Benzene, propyl-	10.92	8.7	ug/L	16767700	3	11.83	9608560	5.0
Benzene, 1-chloro...	11.01	1.7	ug/L	3302600	3	11.83	9608560	5.0
unknown-01	11.05	2.2	ug/L	4177620	3	11.83	9608560	5.0
Benzene, 1-ethyl-...	11.31	5.9	ug/L	11307000	3	11.83	9608560	5.0
Benzene, (1-metho...	11.65	4.3	ug/L	8274860	3	11.83	9608560	5.0
unknown-02	11.90	3.8	ug/L	7303840	3	11.83	9608560	5.0
Benzene, 1-propenyl-	12.11	8.7	ug/L	16713000	3	11.83	9608560	5.0
Cyclohexanone, 3,...	12.50	1.1	ug/L	2165340	3	11.83	9608560	5.0
o-Cymene	12.59	1.1	ug/L	2117150	3	11.83	9608560	5.0
3-Octanol, 3,6-di...	12.89	14.0	ug/L	26986700	3	11.83	9608560	5.0
Benzene, 1,2,3,5-...	12.99	1.0	ug/L	1871310	3	11.83	9608560	5.0
Benzene, 1-methyl...	13.47	1.2	ug/L	2244420	3	11.83	9608560	5.0
Naphthalene, 1-me...	15.46	0.8	ug/L	1539800	3	11.83	9608560	5.0
2,5-Cyclohexadien...	16.84	2.9	ug/L	5637000	3	11.83	9608560	5.0
Butylated Hydroxy...	16.97	20.0	ug/L	38474600	3	11.83	9608560	5.0