

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038416.D
 Acq On : 30 May 2020 16:24
 Operator : JC/MD
 Sample : L2766-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Z1DL

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\SOMUTR053120WMA.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	1.610	75	84	99	rBV	158300	182256	10.74%	1.236%
2	1.932	176	184	201	rVB	122998	178672	10.53%	1.211%
3	2.401	320	330	346	rVB	77806	117061	6.90%	0.794%
4	2.594	376	390	407	rBV	265435	438532	25.83%	2.973%
5	3.115	544	552	565	rVB3	21574	42112	2.48%	0.286%
6	3.221	574	585	596	rVB2	9047	18344	1.08%	0.124%
7	3.395	622	639	655	rBV4	41944	97828	5.76%	0.663%
8	3.736	731	745	760	rBV2	40092	87969	5.18%	0.596%
9	4.035	819	838	863	rBV	197895	517810	30.51%	3.511%
10	4.571	986	1005	1021	rBV2	62996	150644	8.87%	1.021%
11	4.674	1021	1037	1084	rVV	232543	687778	40.52%	4.663%
12	5.102	1152	1170	1191	rBV	235816	528136	31.11%	3.581%
13	5.427	1255	1271	1282	rBV6	8831	20758	1.22%	0.141%
14	5.758	1352	1374	1381	rBV2	467314	1192388	70.25%	8.084%
15	5.809	1382	1390	1417	rVB	845571	1697438	100.00%	11.508%
16	6.282	1520	1537	1561	rBV	379232	730847	43.06%	4.955%
17	6.723	1659	1674	1688	rBV	281423	553138	32.59%	3.750%
18	7.591	1931	1944	1965	rBV	155574	267005	15.73%	1.810%
19	7.922	2030	2047	2064	rBV	556079	991274	58.40%	6.721%
20	8.202	2120	2134	2148	rBV	98172	165708	9.76%	1.123%
21	8.655	2262	2275	2311	rBV	895975	1641059	96.68%	11.126%
22	9.436	2503	2518	2555	rVB2	536976	1221402	71.96%	8.281%
23	9.587	2555	2565	2581	rBV3	26202	46267	2.73%	0.314%
24	9.710	2591	2603	2618	rBV	156455	260245	15.33%	1.764%
25	10.118	2717	2730	2741	rBV2	31212	53619	3.16%	0.364%
26	10.497	2835	2848	2861	rBV	71562	112530	6.63%	0.763%
27	10.771	2915	2933	2947	rBV	239589	382953	22.56%	2.596%
28	10.906	2959	2975	2992	rBV3	40645	87120	5.13%	0.591%
29	11.041	3011	3017	3028	rVV4	19988	34782	2.05%	0.236%
30	11.304	3087	3099	3114	rVB	53125	84617	4.98%	0.574%
31	11.478	3144	3153	3165	rVB	23027	33738	1.99%	0.229%
32	11.825	3248	3261	3277	rBV	582240	950441	55.99%	6.444%
33	11.906	3277	3286	3295	rVB	45345	68187	4.02%	0.462%
34	12.108	3335	3349	3359	rBV2	41649	65167	3.84%	0.442%

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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

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

35	12.205	3363	3379	3396	rBV	604278	1021130	60.16%	6.923%
36	12.889	3582	3592	3607	rVB6	9212	20543	1.21%	0.139%

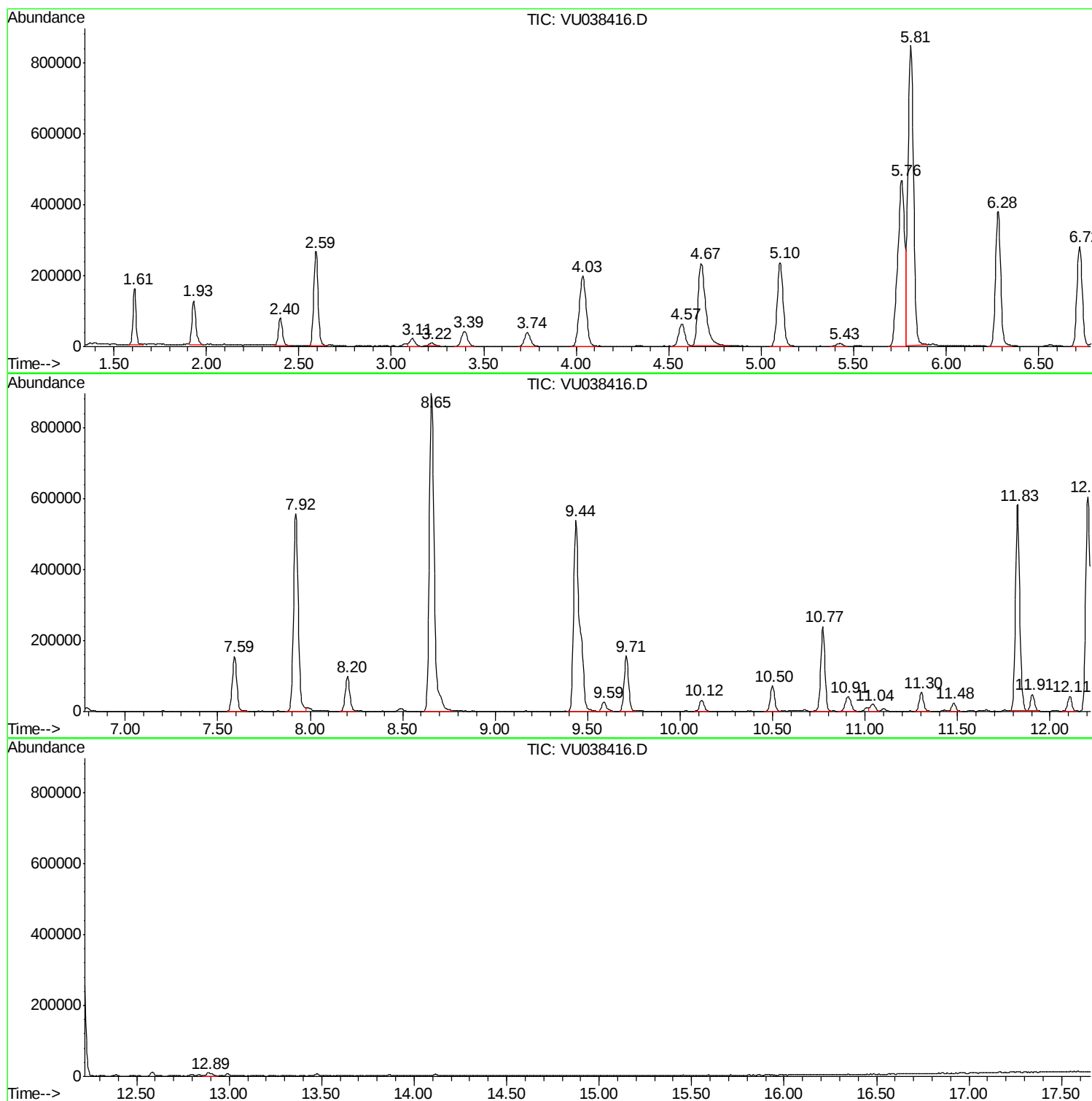
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Quant Title : TRACE VOA SOM01.0

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



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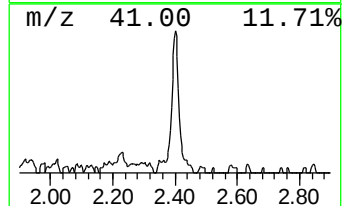
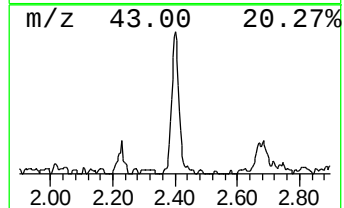
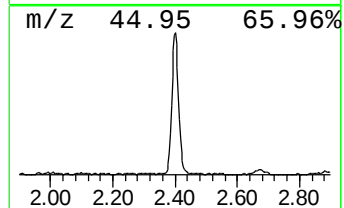
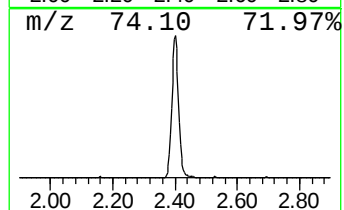
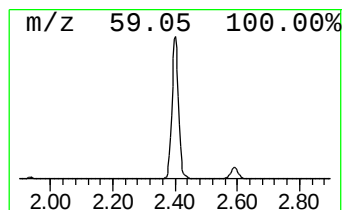
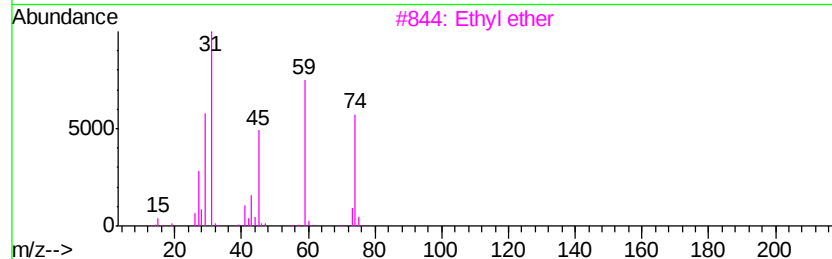
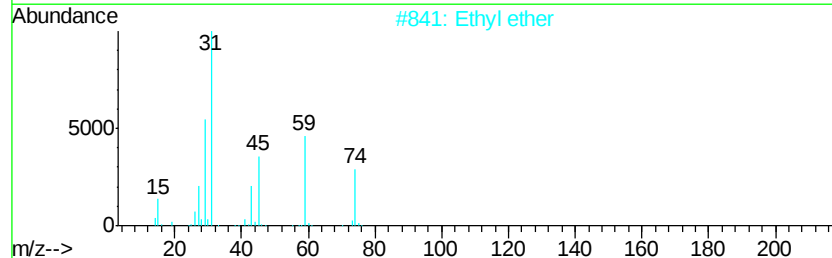
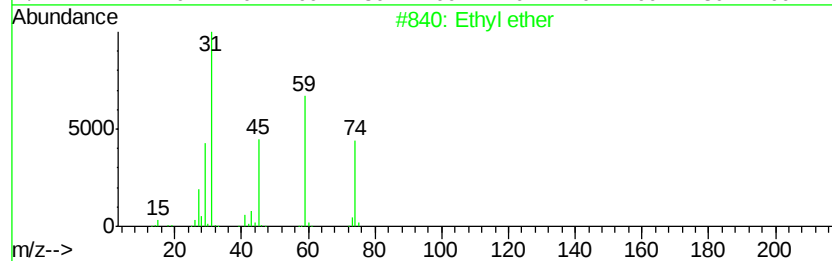
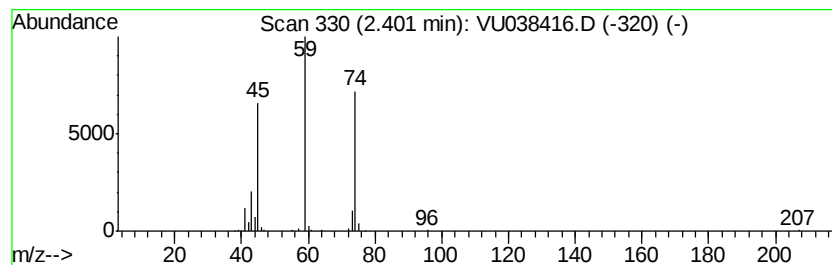
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	0.80 ug/L	117061	1,4-Difluorobenzene	6.28

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		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	56



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4Z1DL

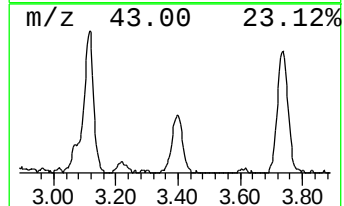
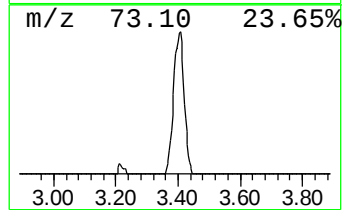
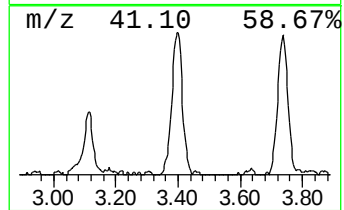
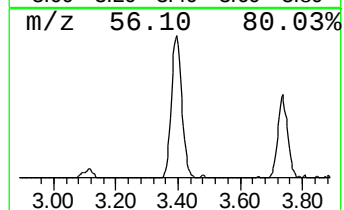
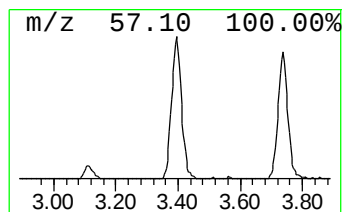
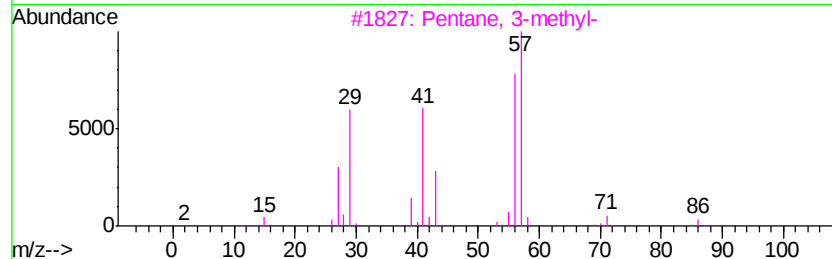
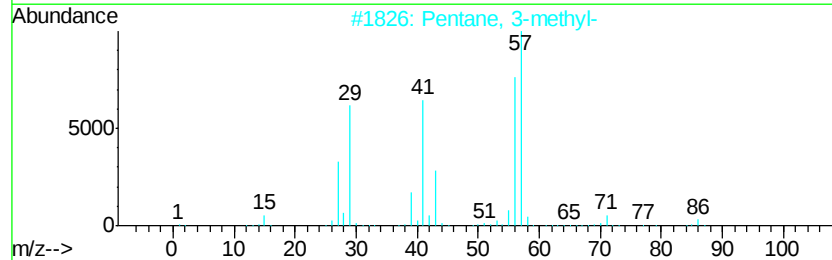
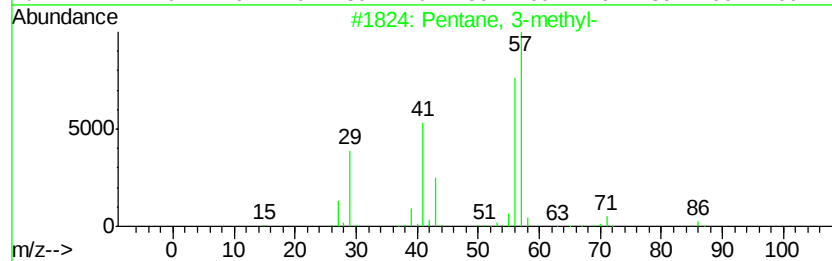
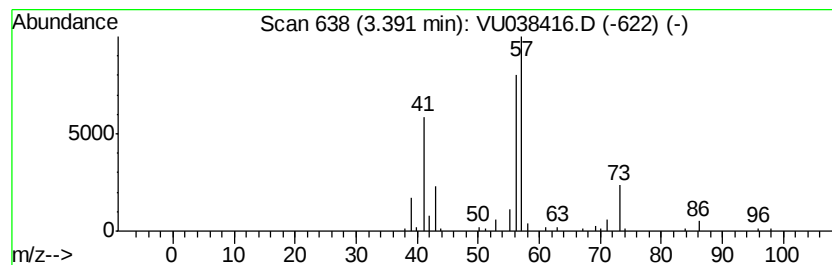
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	0.67 ug/L	97828	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	74
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	72
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
5		Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	59



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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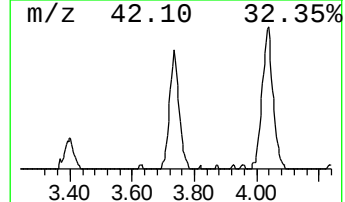
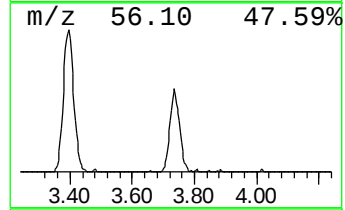
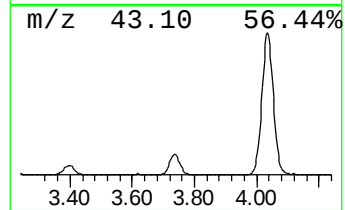
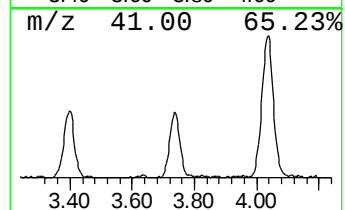
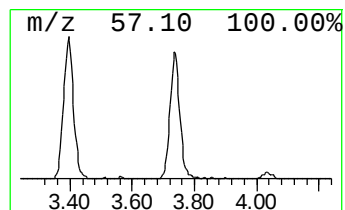
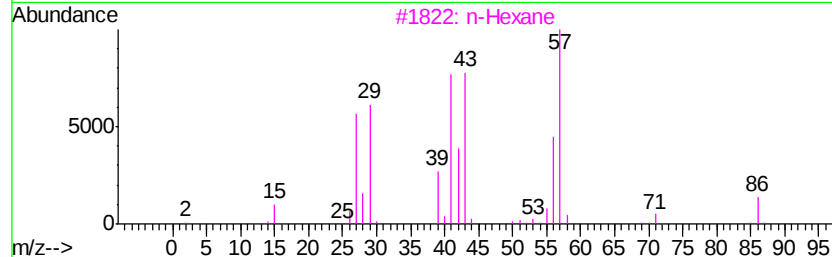
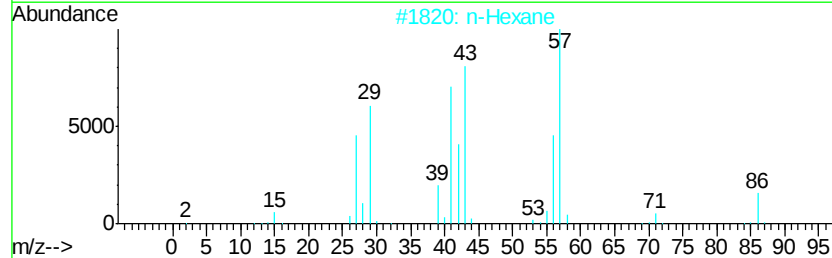
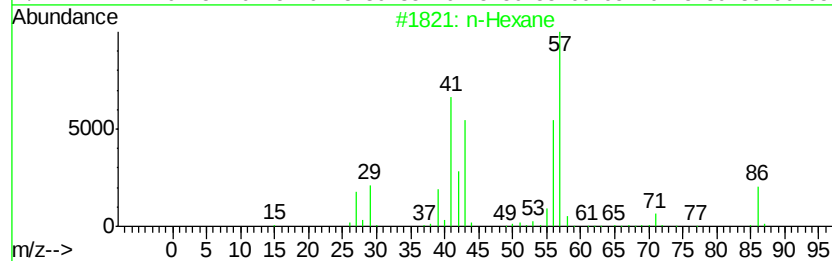
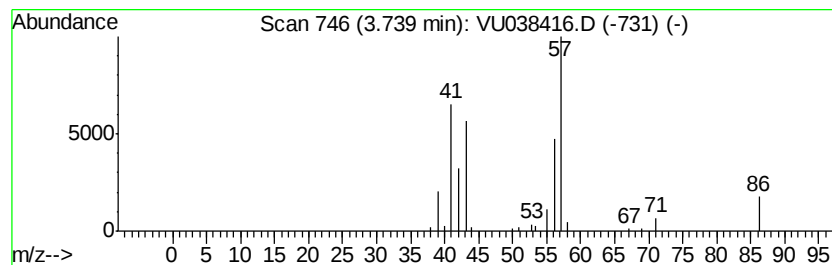
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.60 ug/L	87969	1,4-Difluorobenzene	6.28

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	80
3		n-Hexane	86	C6H14	000110-54-3	64
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40



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ALS Vial : 1 Sample Multiplier: 1

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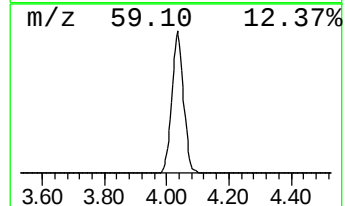
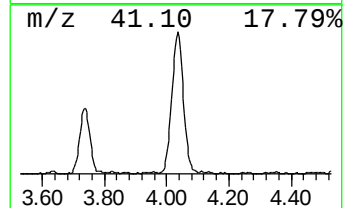
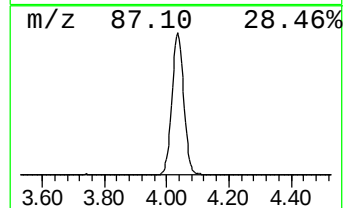
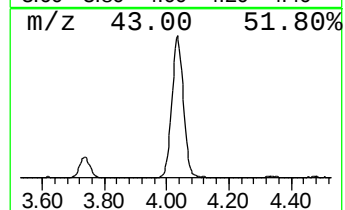
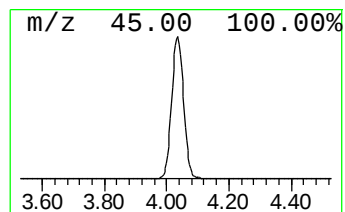
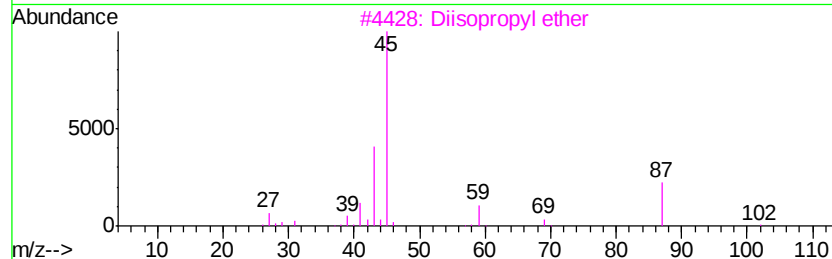
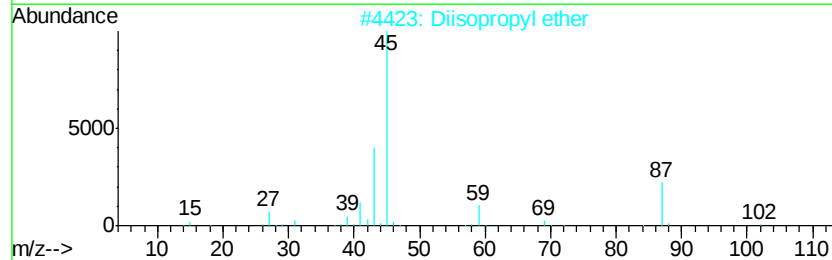
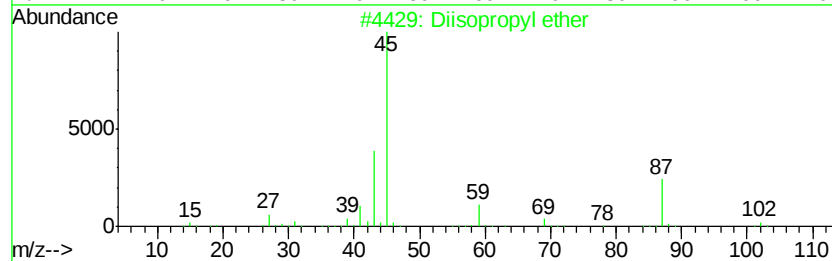
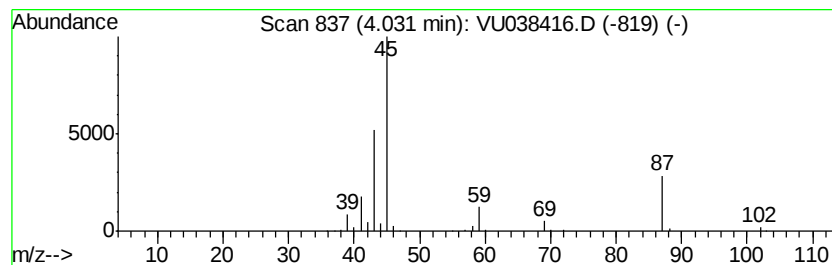
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	3.54 ug/L	517810	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	59
5			Acetoin	88	C4H8O2	000513-86-0	59



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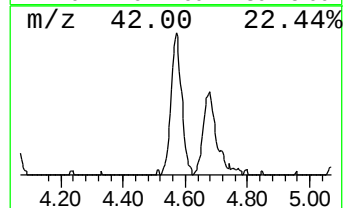
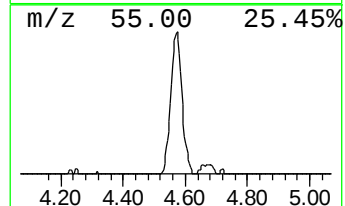
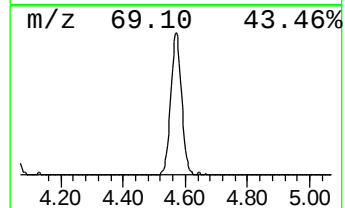
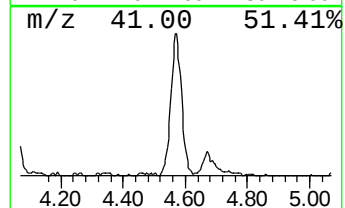
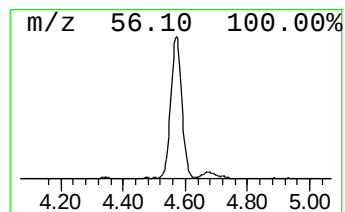
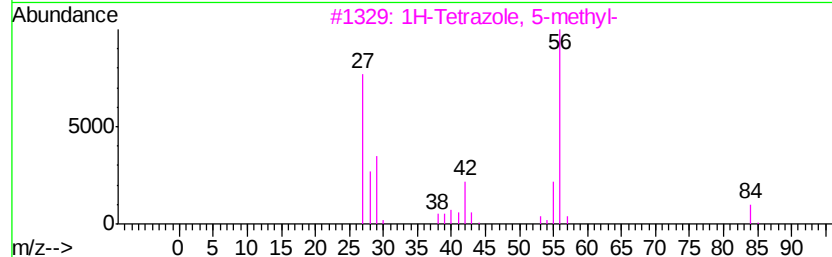
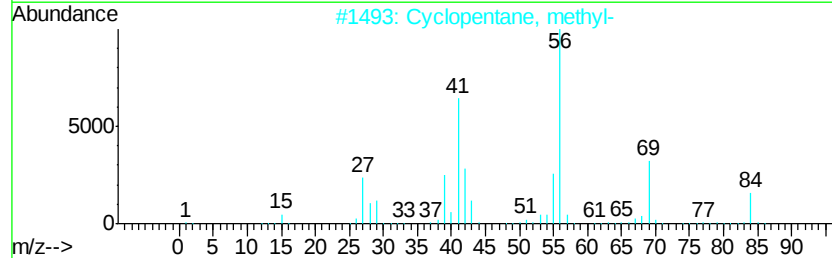
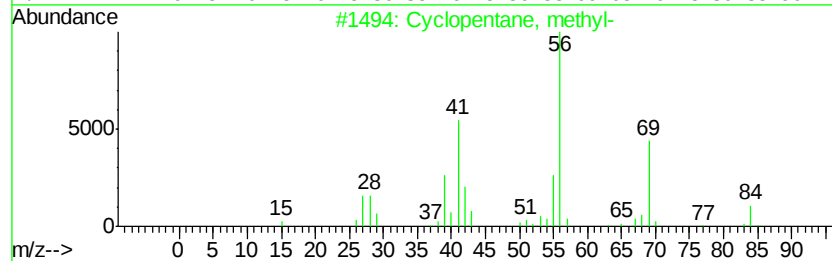
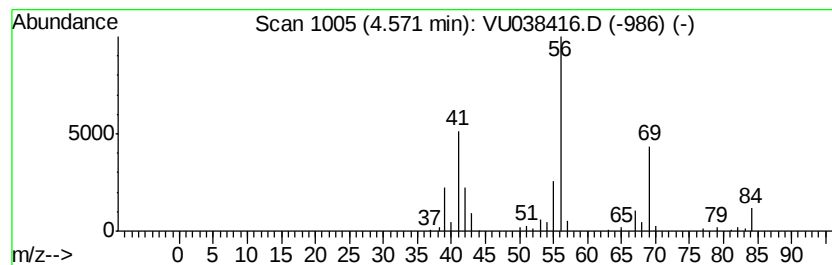
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic4.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.03 ug/L	150644	1,4-Difluorobenzene	6.28

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		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038416.D
Acq On : 30 May 2020 16:24
Operator : JC/MD
Sample : L2766-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4Z1DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.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	2.40	0.8	ug/L	117061	1	6.28	730847	5.0
(DEL) Alkane: Str...	3.39	0.7	ug/L	97828	1	6.28	730847	5.0
(DEL) Alkane: Str...	3.74	0.6	ug/L	87969	1	6.28	730847	5.0
Diisopropyl ether	4.03	3.5	ug/L	517810	1	6.28	730847	5.0
(DEL) Alkane: Cyc...	4.57	1.0	ug/L	150644	1	6.28	730847	5.0