

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017321.D
 Acq On : 02 Jul 2020 21:25
 Operator : SY/MD
 Sample : L3154-08DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4295DL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.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	1.225	36	42	54	rVB	30101	31202	6.16%	0.533%
2	1.319	61	71	81	rBV2	161819	174230	34.41%	2.976%
3	1.579	138	152	163	rBV	65664	95796	18.92%	1.636%
4	1.647	164	173	190	rVB	234290	298915	59.03%	5.106%
5	1.823	221	228	238	rVB5	8133	14172	2.80%	0.242%
6	2.126	310	322	341	rBV	124561	194272	38.37%	3.319%
7	2.521	433	445	457	rBV7	30337	65393	12.91%	1.117%
8	2.598	459	469	483	rVB2	64533	121221	23.94%	2.071%
9	2.788	514	528	544	rBV	207504	441566	87.20%	7.543%
10	3.209	649	659	667	rBV10	2981	5162	1.02%	0.088%
11	3.788	821	839	853	rBV3	19086	47889	9.46%	0.818%
12	3.868	855	864	871	rBV6	7839	14681	2.90%	0.251%
13	3.923	871	881	882	rBV	52433	64672	12.77%	1.105%
14	4.380	1006	1023	1046	rBV	91932	232705	45.96%	3.975%
15	4.704	1111	1124	1139	rBV5	12698	32388	6.40%	0.553%
16	5.074	1223	1239	1251	rBV3	201876	497427	98.23%	8.497%
17	5.248	1286	1293	1299	rBV10	4415	5636	1.11%	0.096%
18	5.643	1402	1416	1434	rBV	209635	423357	83.61%	7.232%
19	5.945	1496	1510	1512	rBV	10694	18158	3.59%	0.310%
20	6.097	1542	1557	1576	rBV	113742	236896	46.78%	4.047%
21	6.826	1776	1784	1794	rVB9	5182	9733	1.92%	0.166%
22	7.010	1828	1841	1856	rBV	60362	111451	22.01%	1.904%
23	7.338	1931	1943	1962	rBV	243566	426638	84.25%	7.288%
24	7.418	1963	1968	1975	rVB8	3866	5404	1.07%	0.092%
25	7.643	2030	2038	2051	rBV2	34677	58258	11.51%	0.995%
26	7.862	2099	2106	2111	rBV8	4312	6519	1.29%	0.111%
27	8.109	2173	2183	2210	rBV	208207	400177	79.03%	6.836%
28	8.241	2214	2224	2238	rVB3	35665	66879	13.21%	1.142%
29	8.875	2410	2421	2433	rBV	306486	497607	98.27%	8.500%
30	9.283	2537	2548	2562	rBV2	79516	137864	27.23%	2.355%
31	9.476	2601	2608	2615	rBV10	4480	7075	1.40%	0.121%
32	9.739	2682	2690	2703	rBV7	10010	18097	3.57%	0.309%
33	9.829	2703	2718	2726	rBV7	8403	19715	3.89%	0.337%
34	9.887	2728	2736	2742	rBV9	5325	7862	1.55%	0.134%

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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	10.238	2833	2845	2858	rBV	85239	139813	27.61%	2.388%
36	10.868	3031	3041	3052	rBV	8559	16082	3.18%	0.275%
37	11.270	3154	3166	3185	rBV	322095	506366	100.00%	8.650%
38	11.646	3272	3283	3302	rBV	251569	402714	79.53%	6.879%

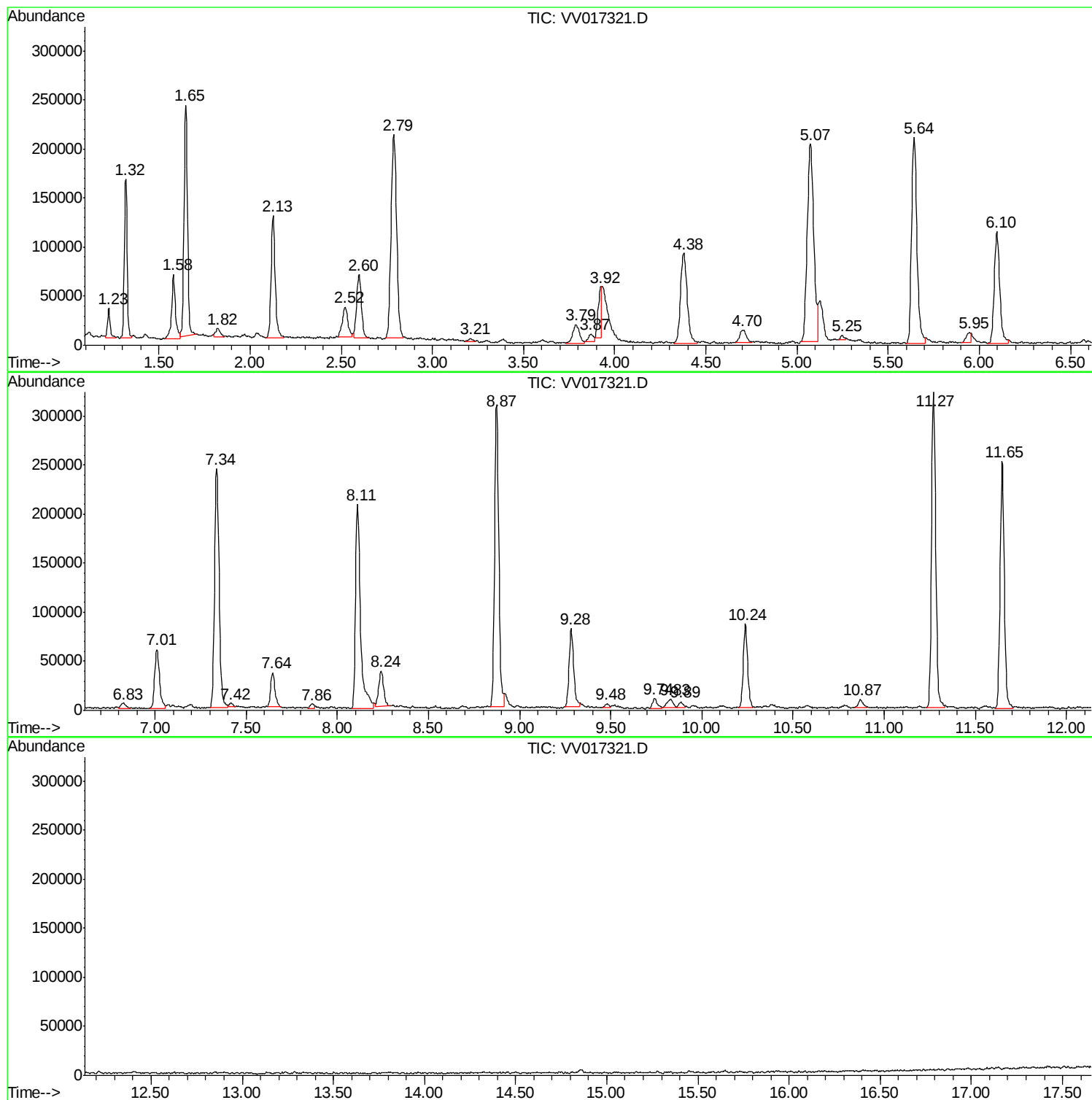
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Quant Title : TRACE VOA SOM01.0

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



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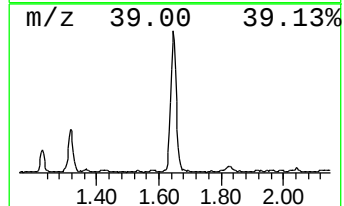
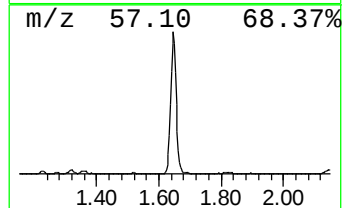
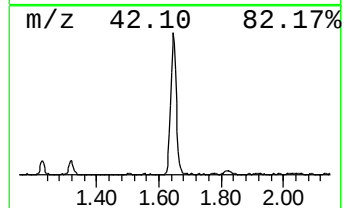
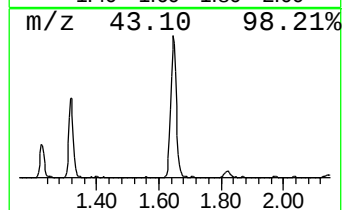
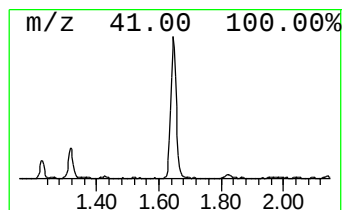
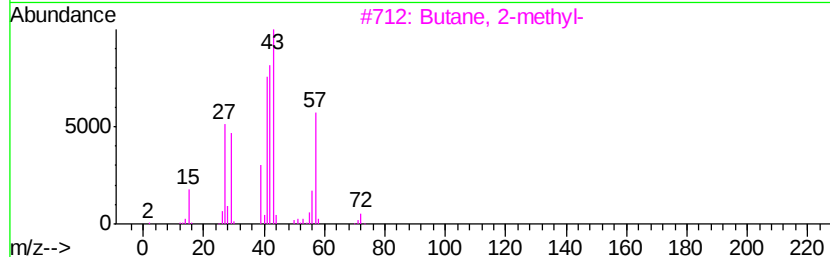
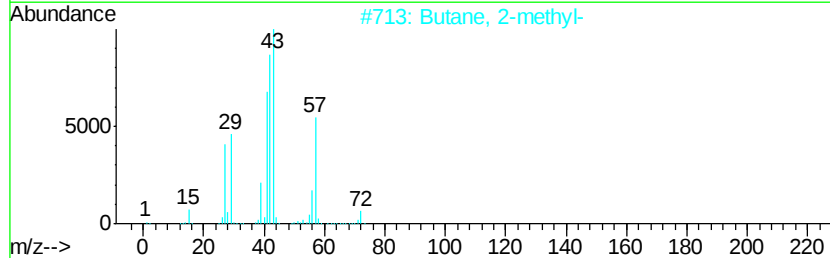
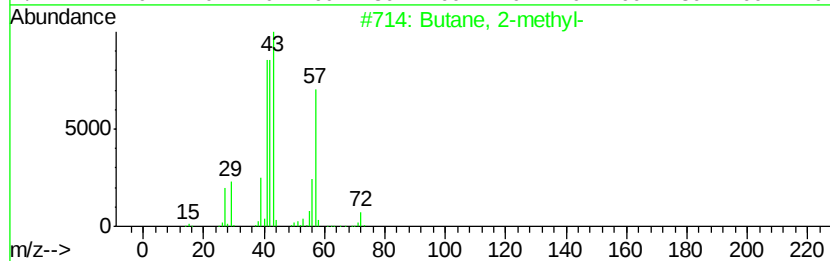
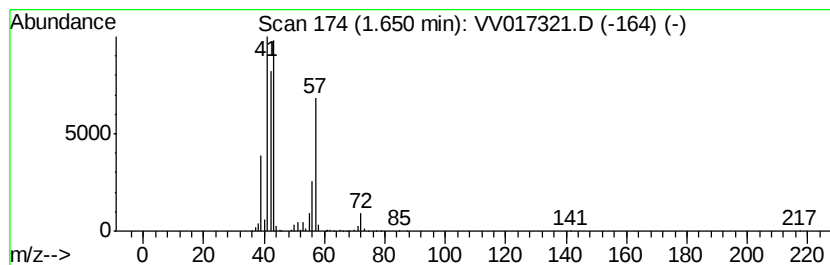
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	3.53 ug/L	298915	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2		Butane, 2-methyl-	72	C5H12	000078-78-4	58
3		Butane, 2-methyl-	72	C5H12	000078-78-4	58
4		3-Buten-1-ol	72	C4H8O	000627-27-0	38
5		Oxirane, trimethyl-	86	C5H10O	005076-19-7	37



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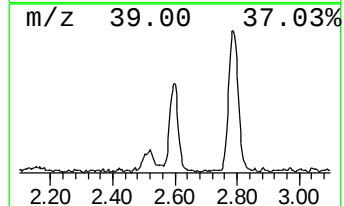
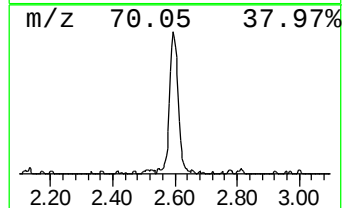
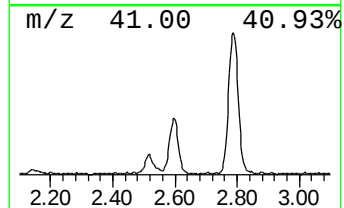
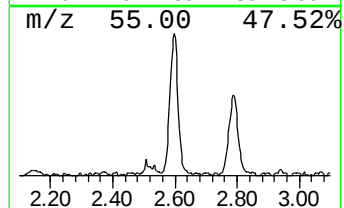
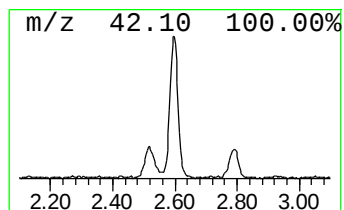
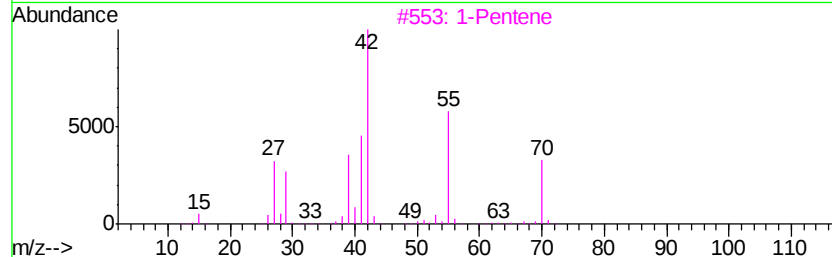
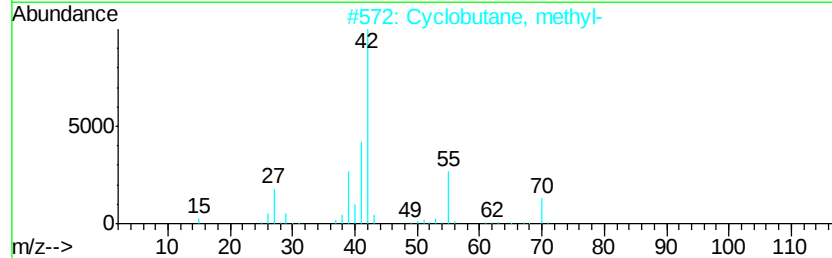
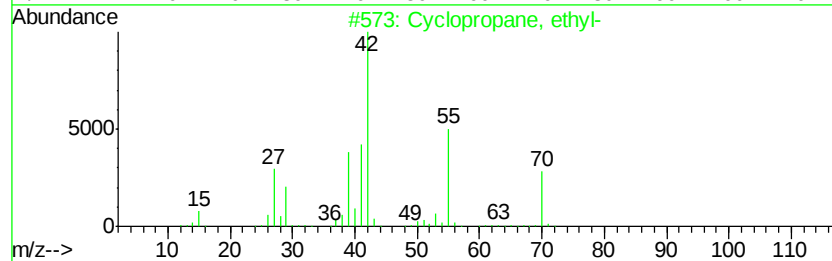
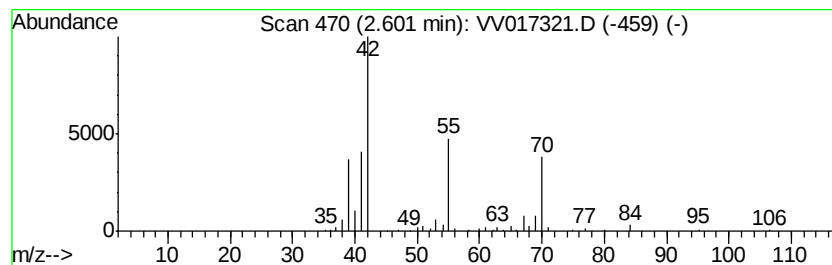
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic2.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	1.43 ug/L	121221	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	80
2		Cyclobutane, methyl-	70	C5H10	000598-61-8	80
3		1-Pentene	70	C5H10	000109-67-1	80
4		1-Pentene	70	C5H10	000109-67-1	64
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	59



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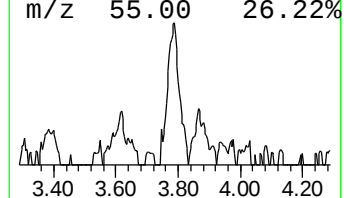
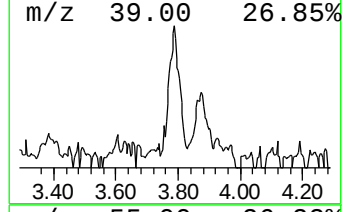
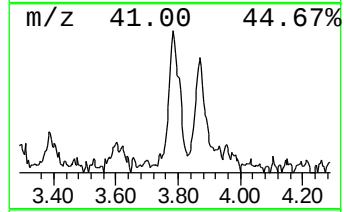
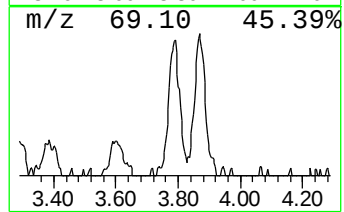
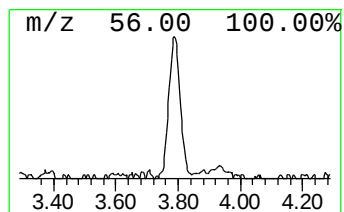
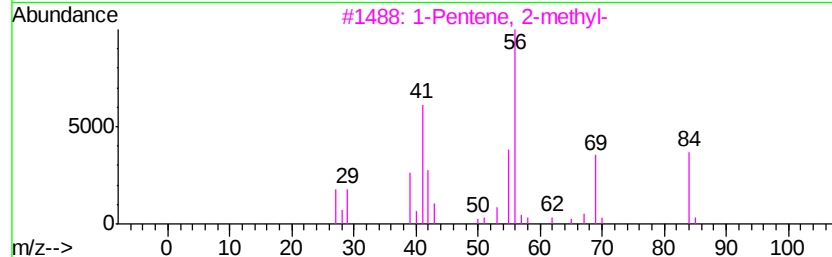
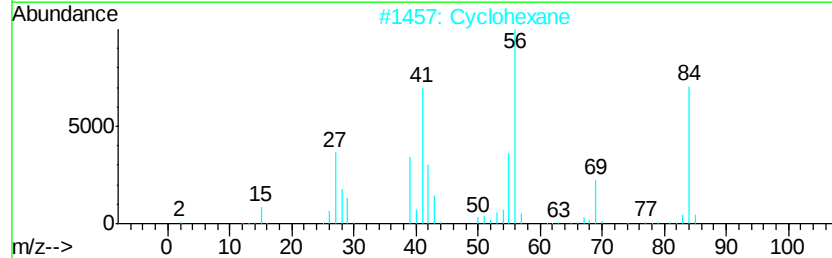
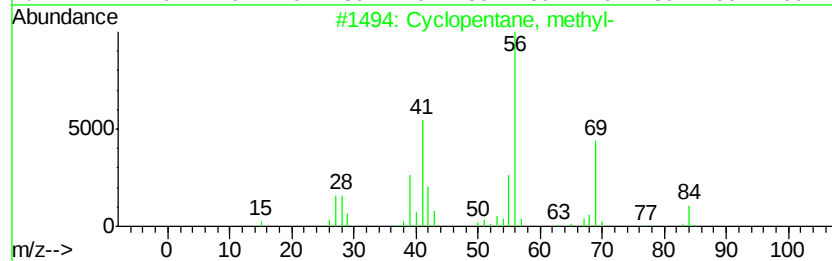
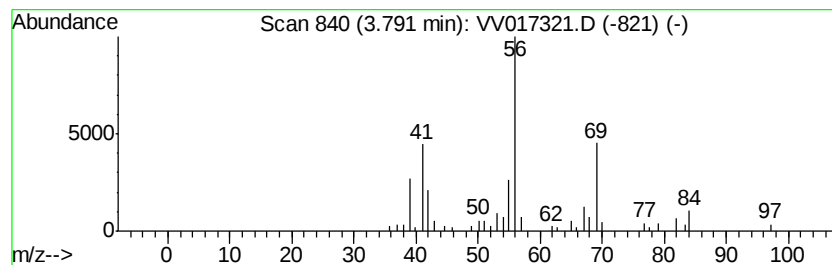
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic3.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	0.57 ug/L	47889	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2		Cyclohexane	84	C6H12	000110-82-7	72
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	64



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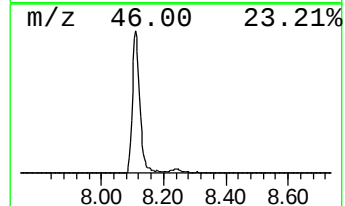
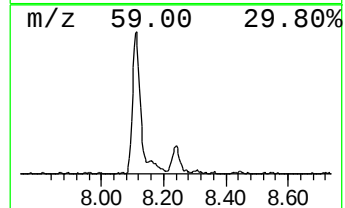
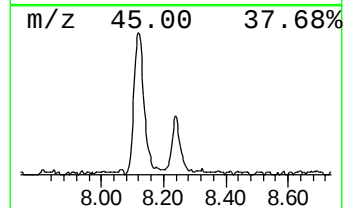
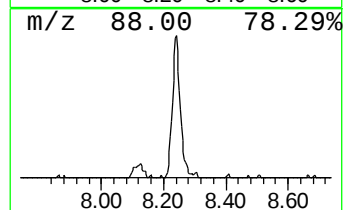
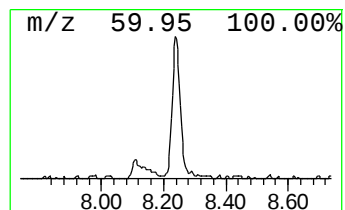
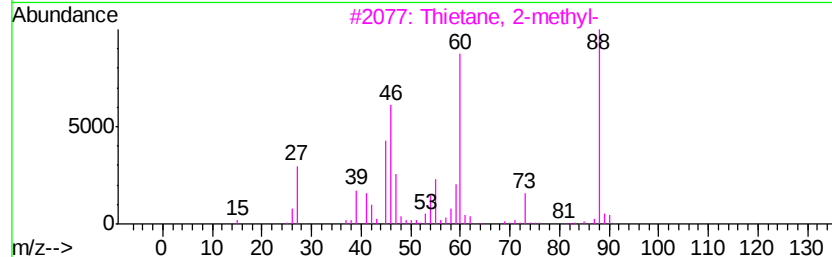
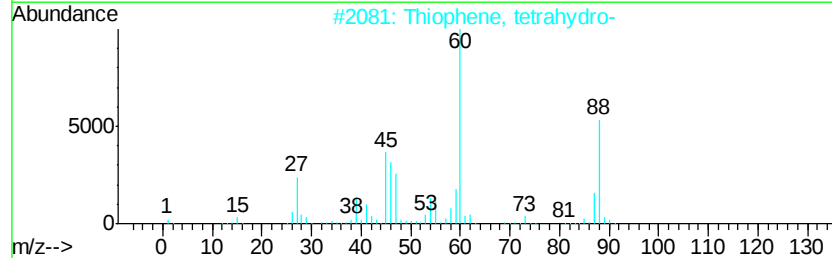
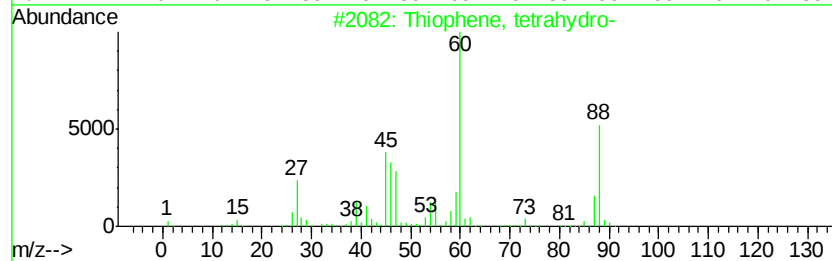
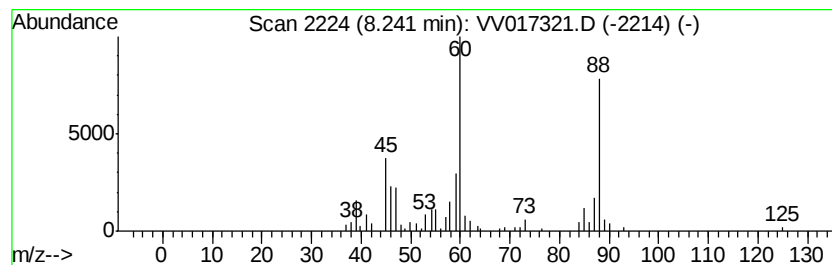
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Thiophene, tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.67 ug/L	66879	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	87
2		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	83
3		Thietane, 2-methyl-	88	C4H8S	017837-41-1	83
4		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	83
5		1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	53



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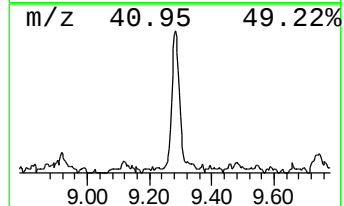
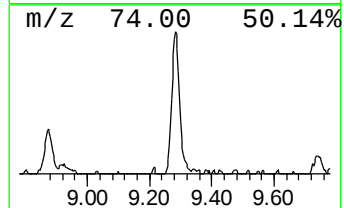
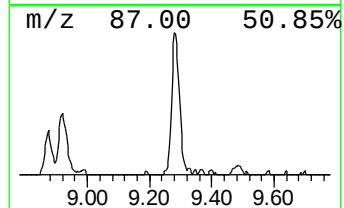
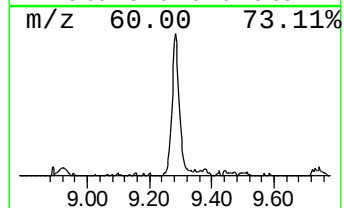
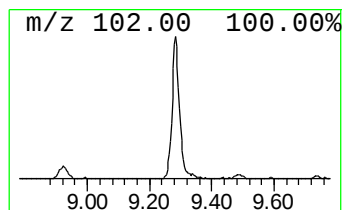
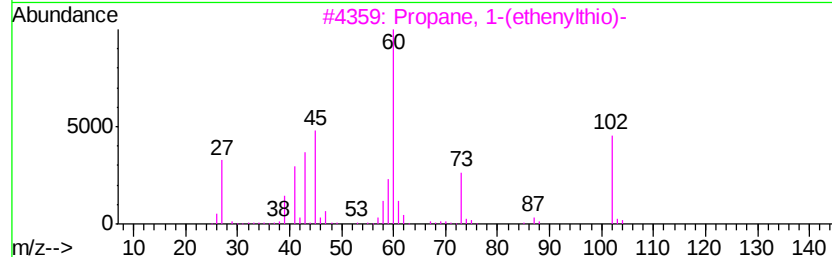
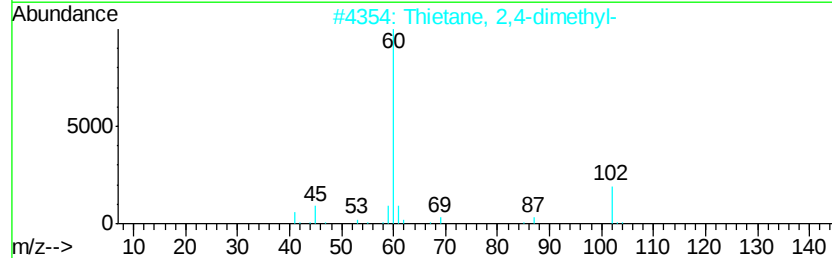
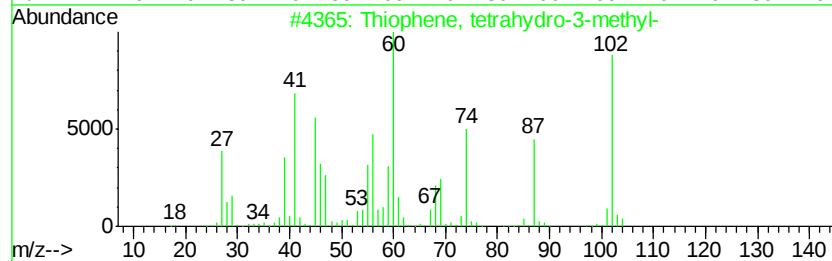
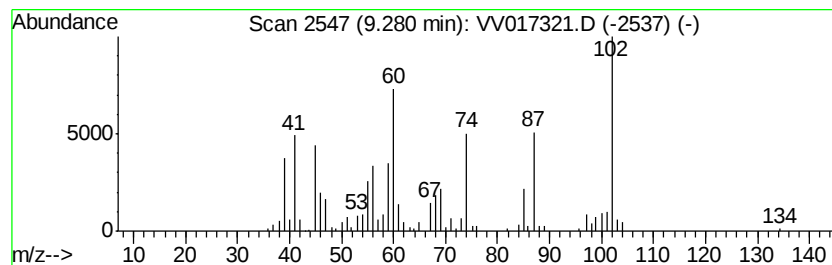
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Thiophene, tetrahydro-3-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	1.39 ug/L	137864	Chlorobenzene-d5	8.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	93
2		Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	47
3		Propane, 1-(ethenylthio)-	102	C5H10S	016330-21-5	37
4		2H-Thiopyran, tetrahydro-	102	C5H10S	001613-51-0	32
5		2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017321.D
Acq On : 02 Jul 2020 21:25
Operator : SY/MD
Sample : L3154-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4295DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.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...	1.65	3.5	ug/L	298915	1	5.64	423357	5.0
(DEL) Alkane: Cyc...	2.60	1.4	ug/L	121221	1	5.64	423357	5.0
(DEL) Alkane: Cyc...	3.79	0.6	ug/L	47889	1	5.64	423357	5.0
Thiophene, tetrah...	8.24	0.7	ug/L	66879	2	8.87	497607	5.0
Thiophene, tetrah...	9.28	1.4	ug/L	137864	2	8.87	497607	5.0