

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
 Data File : VU040421.D
 Acq On : 01 Oct 2020 13:50
 Operator : SY/MD
 Sample : L4202-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB7

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\SOMUTR092920WMA.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	1.363	3	7	21	rVB	320659	310269	43.57%	5.805%
2	1.495	41	48	53	rBV	34718	33262	4.67%	0.622%
3	1.527	53	58	70	rVB	20664	23906	3.36%	0.447%
4	1.604	71	82	96	rBV3	162860	245720	34.50%	4.597%
5	1.739	117	124	137	rVB4	9147	12373	1.74%	0.231%
6	1.922	171	181	192	rBV	45313	64550	9.06%	1.208%
7	2.003	198	206	218	rVB	30062	42365	5.95%	0.793%
8	2.163	247	256	264	rBV	27688	37967	5.33%	0.710%
9	2.215	264	272	285	rVB2	37681	55245	7.76%	1.034%
10	2.424	326	337	341	rBV5	5428	8304	1.17%	0.155%
11	2.469	342	351	365	rVB2	29577	49478	6.95%	0.926%
12	2.581	372	386	400	rBV	77400	129390	18.17%	2.421%
13	2.658	401	410	425	rVB2	4708	11037	1.55%	0.206%
14	2.996	505	515	526	rVB7	4226	10215	1.43%	0.191%
15	3.096	541	546	556	rVB3	4892	8631	1.21%	0.161%
16	3.379	621	634	646	rVB3	6292	12354	1.73%	0.231%
17	3.604	688	704	717	rBV4	7120	16470	2.31%	0.308%
18	3.720	727	740	754	rVB3	8553	17854	2.51%	0.334%
19	4.652	1011	1030	1065	rBV	95080	295274	41.46%	5.525%
20	5.083	1149	1164	1183	rBV2	87712	199861	28.06%	3.739%
21	5.742	1347	1369	1393	rBV2	160984	432259	60.70%	8.087%
22	6.147	1483	1495	1510	rBV9	3809	8344	1.17%	0.156%
23	6.263	1516	1531	1549	rBV	195199	363532	51.05%	6.802%
24	6.703	1654	1668	1687	rBV2	113009	216840	30.45%	4.057%
25	7.575	1923	1939	1952	rBV	53214	93018	13.06%	1.740%
26	7.906	2024	2042	2056	rBV	167855	289478	40.65%	5.416%
27	8.186	2118	2129	2143	rBV2	35149	60250	8.46%	1.127%
28	8.305	2154	2166	2172	rBV2	7434	12161	1.71%	0.228%
29	8.346	2172	2179	2194	rVB2	8713	16026	2.25%	0.300%
30	8.555	2233	2244	2257	rBV2	84158	141044	19.81%	2.639%
31	8.639	2257	2270	2300	rBV	391336	712143	100.00%	13.324%
32	9.420	2499	2513	2541	rBV	285547	478855	67.24%	8.959%
33	10.755	2916	2928	2944	rBV	104147	167700	23.55%	3.138%
34	11.806	3237	3255	3275	rBV	265908	428168	60.12%	8.011%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSB7

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\SOMUTR092920WMA.M
Title : TRACE VOA SOM01.0

35	12.185	3361	3373	3392	rVB	211383	340463	47.81%	6.370%
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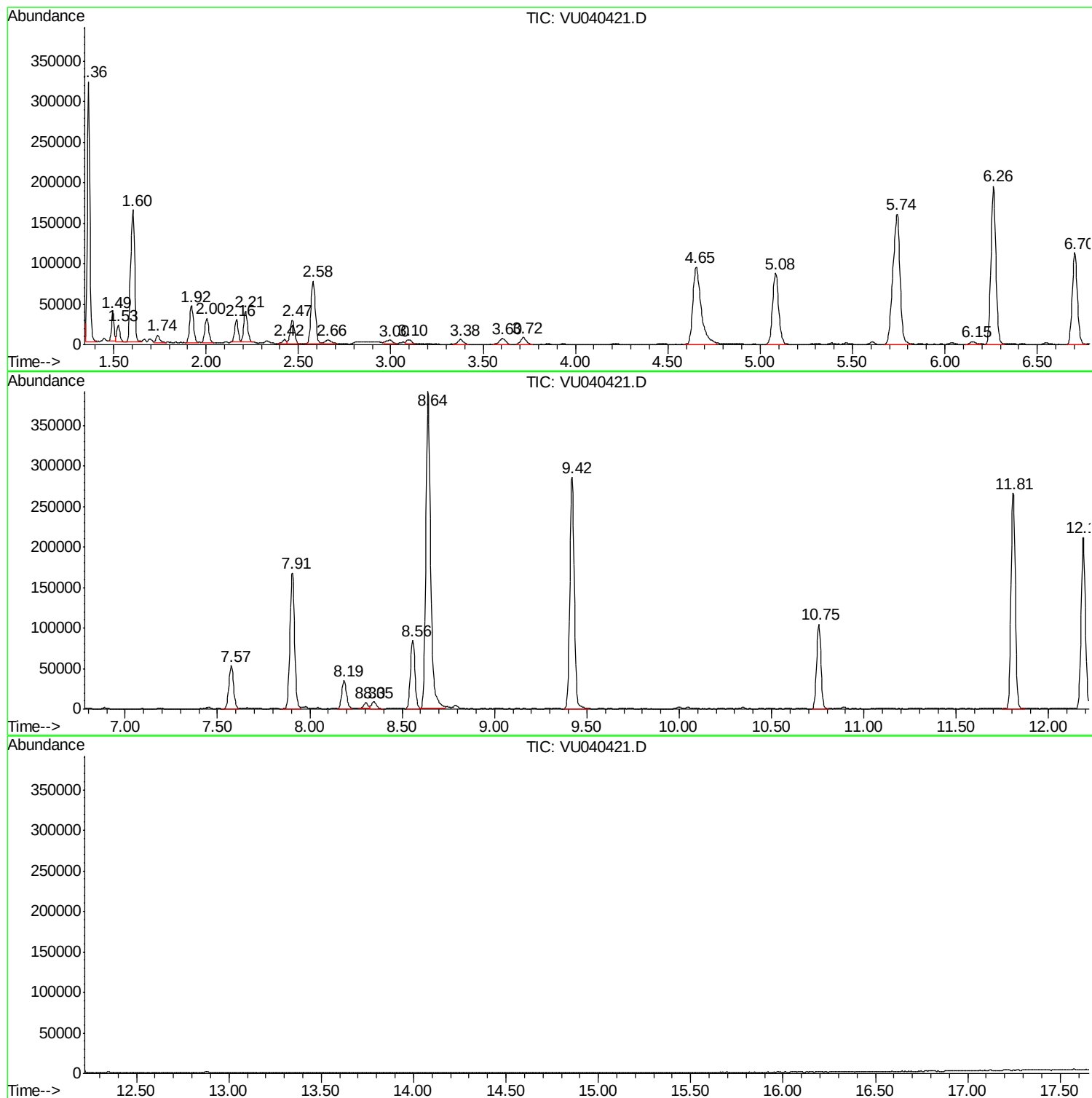
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Quant Title : TRACE VOA SOM01.0

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



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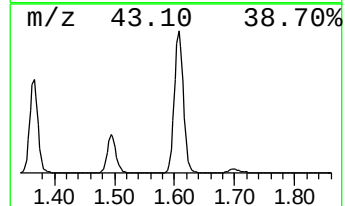
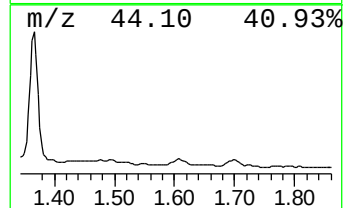
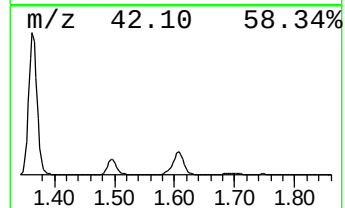
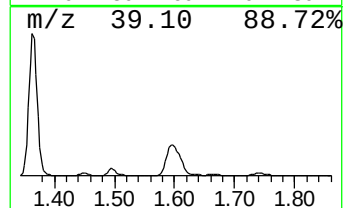
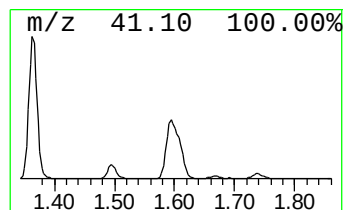
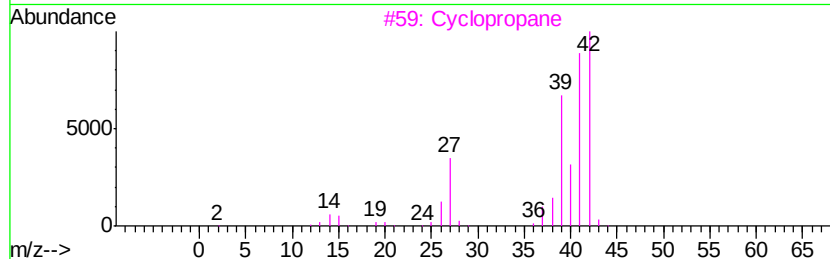
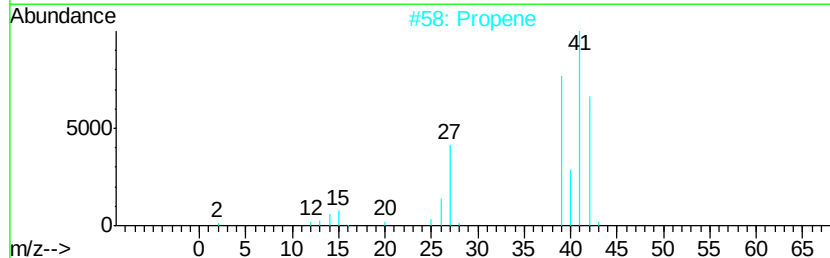
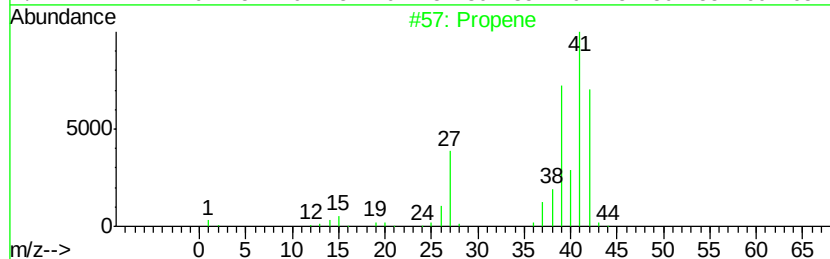
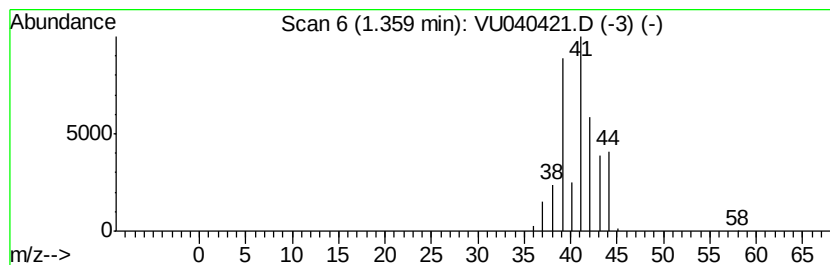
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.36	4.27 ug/L	310269	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	86
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	10
4		Cyclopropane	42	C3H6	000075-19-4	7
5		Cyclopropene	40	C3H4	002781-85-3	5



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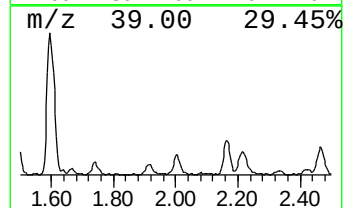
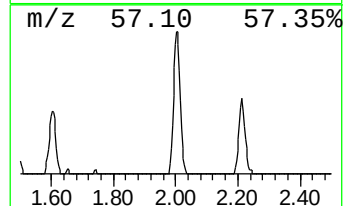
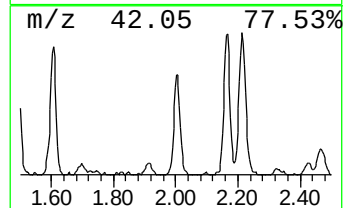
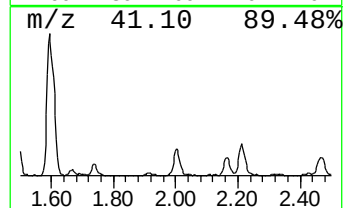
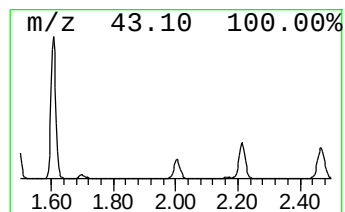
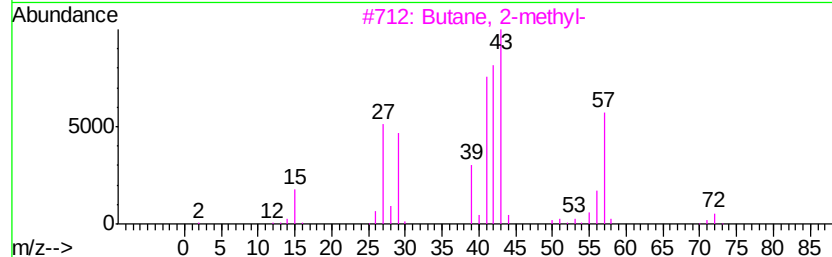
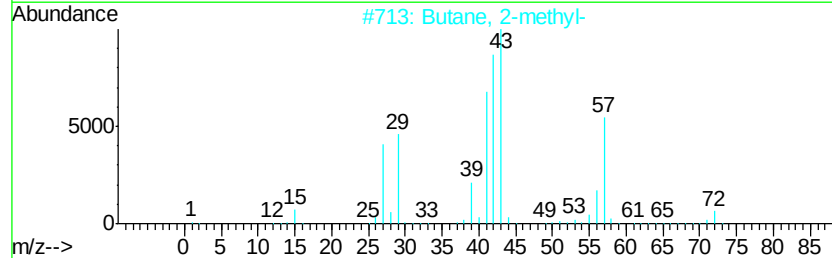
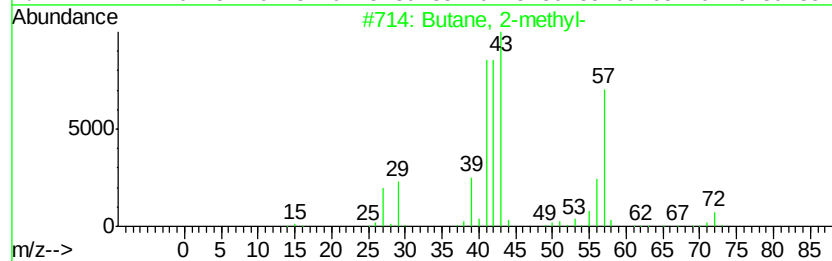
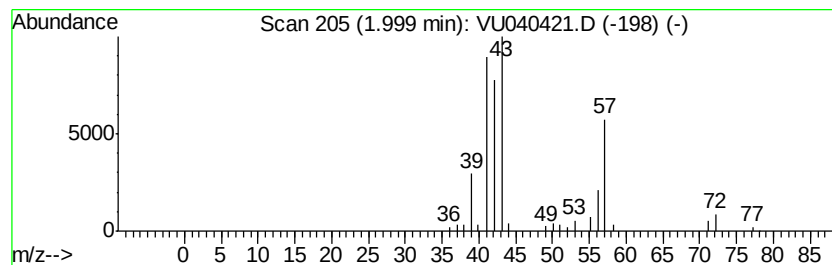
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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.
2.00	0.58 ug/L	42365	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		Pentane	72	C5H12	000109-66-0	45
5		Isobutylene epoxide	72	C4H8O	000558-30-5	40



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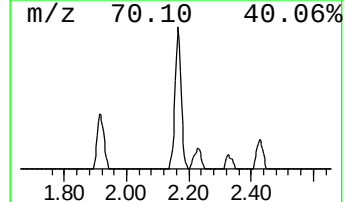
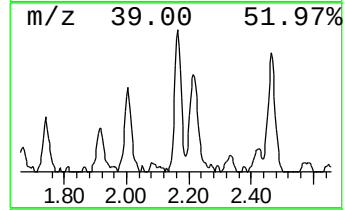
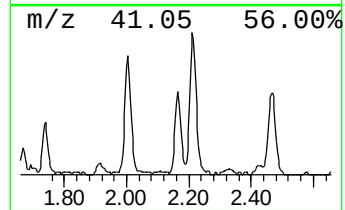
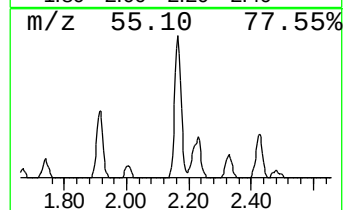
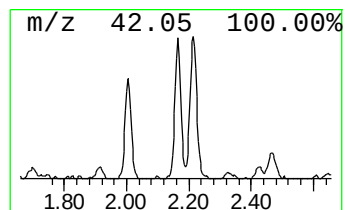
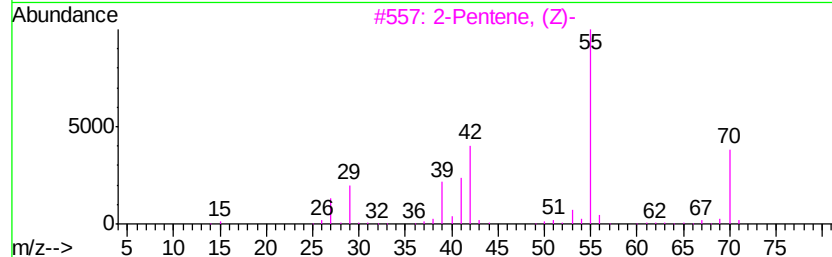
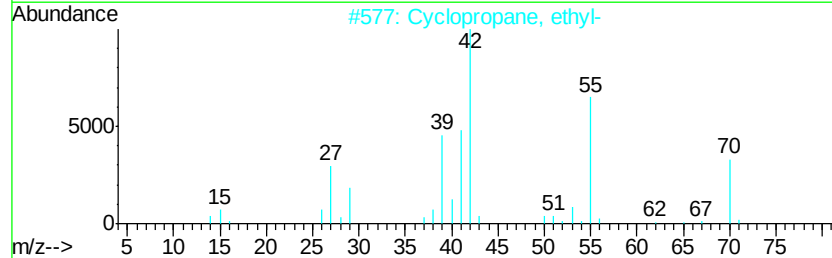
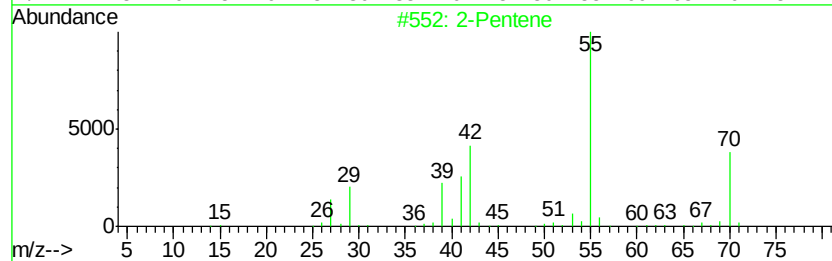
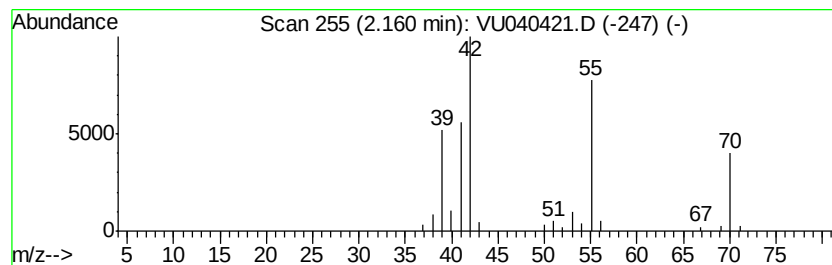
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	0.52 ug/L	37967	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene		70	C5H10	000109-68-2	90
2	Cyclopropane, ethyl-		70	C5H10	001191-96-4	90
3	2-Pentene, (Z)-		70	C5H10	000627-20-3	90
4	2-Pentene, (E)-		70	C5H10	000646-04-8	87
5	Cyclopropane, ethyl-		70	C5H10	001191-96-4	86



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Instrument :
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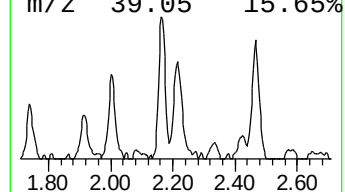
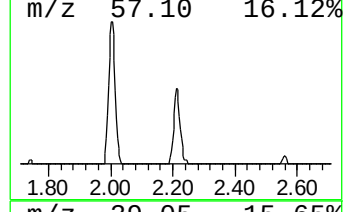
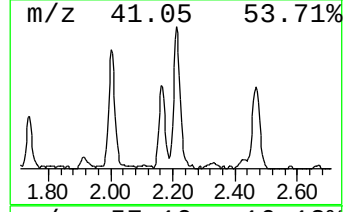
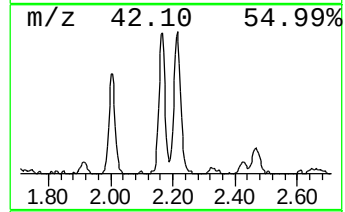
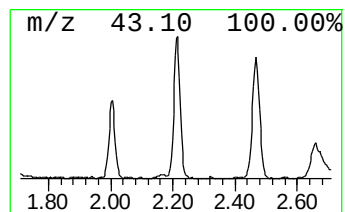
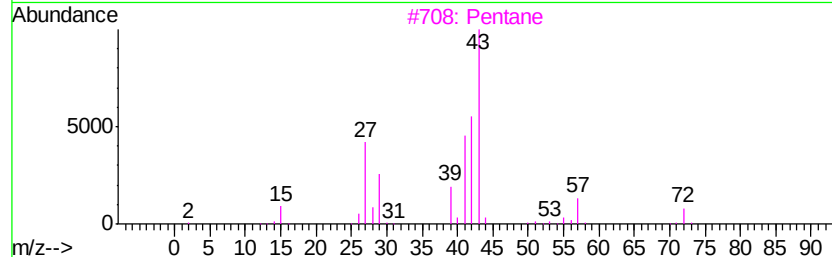
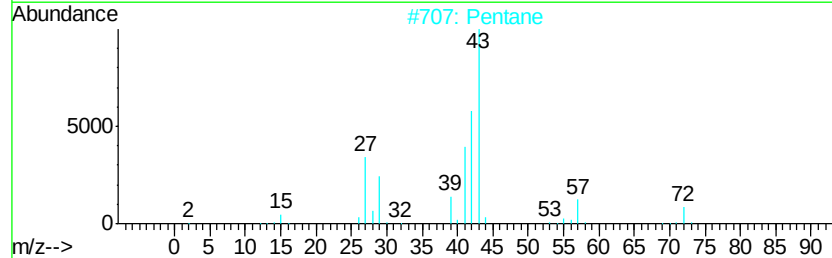
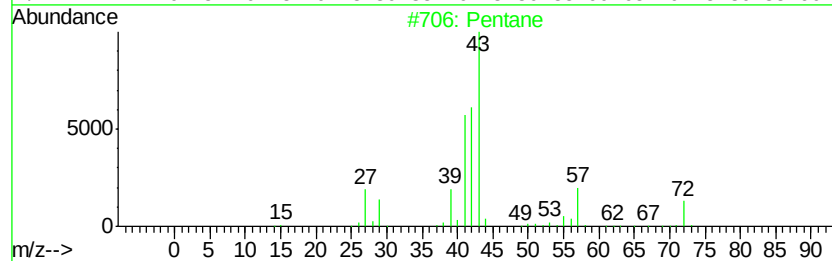
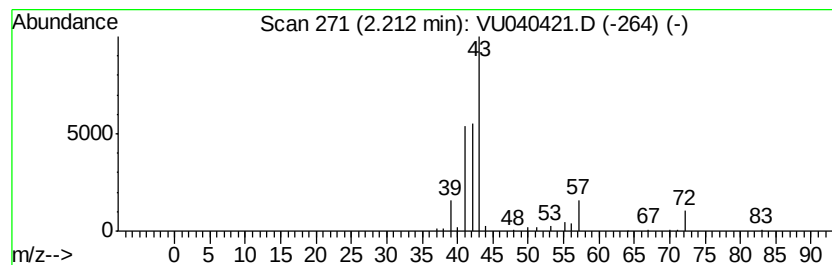
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	0.76 ug/L	55245	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	86
4		Oxirane, ethyl-	72	C4H8O	000106-88-7	40
5		Pentane	72	C5H12	000109-66-0	35



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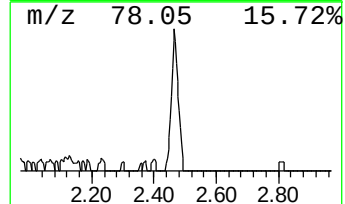
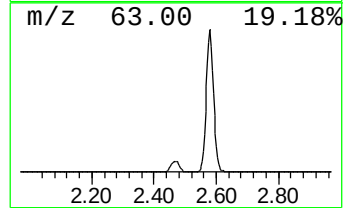
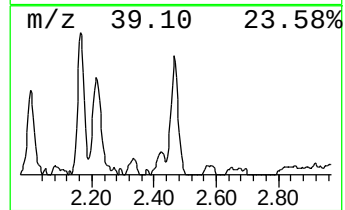
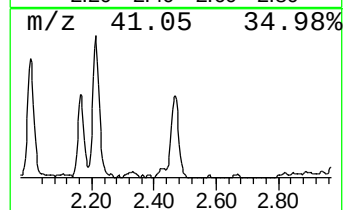
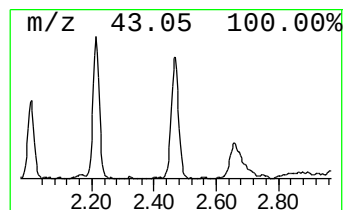
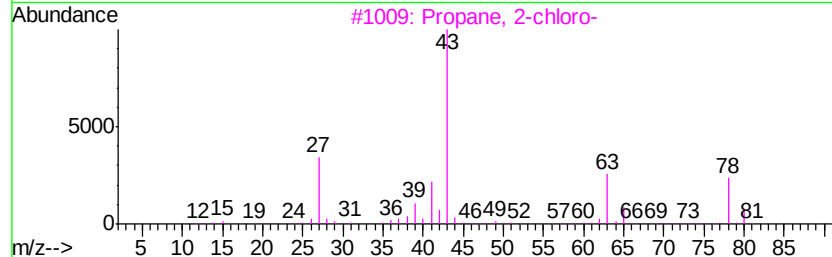
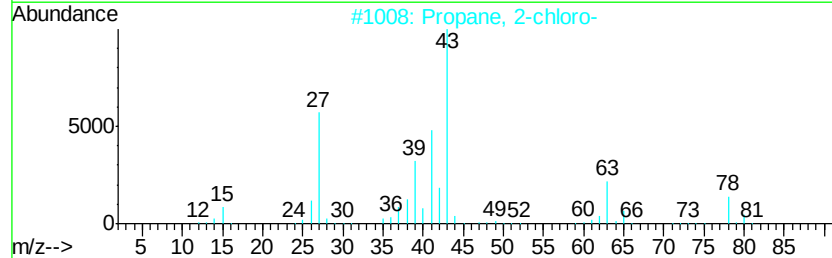
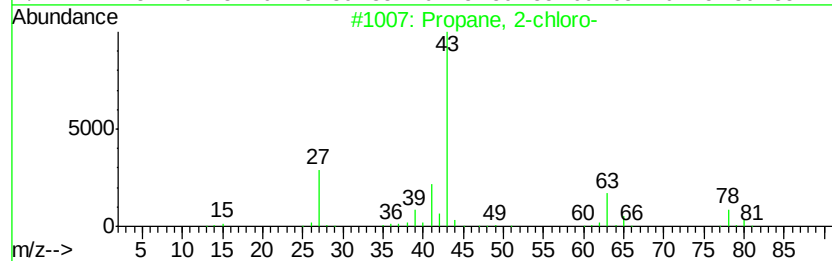
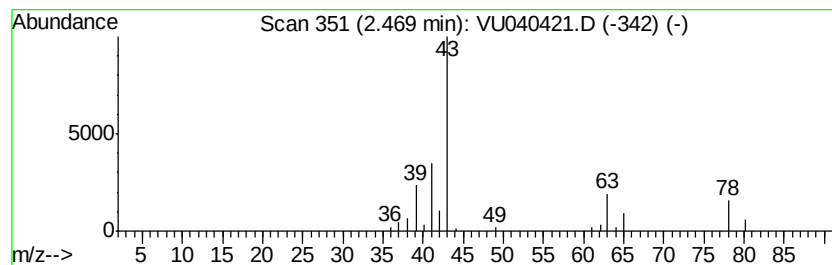
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Propane, 2-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.68 ug/L	49478	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	78
2		Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
3		Propane, 2-chloro-	78	C3H7Cl	000075-29-6	53
4		Acetyl chloride	78	C2H3ClO	000075-36-5	9
5		2-Chloroethanol	80	C2H5ClO	000107-07-3	5



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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...	1.36	4.3	ug/L	310269	1	6.26	363532	5.0
(DEL) Alkane: Str...	2.00	0.6	ug/L	42365	1	6.26	363532	5.0
(DEL) Alkane: Str...	2.16	0.5	ug/L	37967	1	6.26	363532	5.0
(DEL) Alkane: Str...	2.21	0.8	ug/L	55245	1	6.26	363532	5.0
Propane, 2-chloro-	2.47	0.7	ug/L	49478	1	6.26	363532	5.0