

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039610.D
 Acq On : 21 Jul 2020 20:24
 Operator : SY/MD
 Sample : L3347-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY06

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\SOMUTR072120WMA.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	1.366	3	8	13	rBV	306137	287520	60.47%	5.894%
2	1.398	13	18	32	rVB	172408	182874	38.46%	3.749%
3	1.494	41	48	56	rBV2	21561	22540	4.74%	0.462%
4	1.597	70	80	97	rBV3	166590	282334	59.38%	5.788%
5	1.739	118	124	139	rVB	22612	27242	5.73%	0.558%
6	1.922	172	181	196	rVB2	64087	89152	18.75%	1.828%
7	2.006	196	207	218	rVB	26255	38475	8.09%	0.789%
8	2.167	247	257	265	rBV	49593	68490	14.41%	1.404%
9	2.218	265	273	292	rVB3	36250	66775	14.04%	1.369%
10	2.334	299	309	318	rBV2	5223	7574	1.59%	0.155%
11	2.427	327	338	348	rVV	15080	23752	5.00%	0.487%
12	2.581	372	386	401	rBV	85632	142616	30.00%	2.923%
13	2.649	401	407	419	rVB3	2914	5248	1.10%	0.108%
14	2.813	443	458	469	rBV4	5059	12153	2.56%	0.249%
15	2.990	501	513	514	rBV4	4620	6628	1.39%	0.136%
16	3.382	620	635	651	rBV3	20899	47499	9.99%	0.974%
17	3.604	689	704	718	rBV4	13171	31239	6.57%	0.640%
18	3.719	724	740	755	rVB4	6143	14701	3.09%	0.301%
19	4.218	884	895	907	rVB4	3725	8275	1.74%	0.170%
20	4.652	1013	1030	1060	rBV2	82677	234096	49.24%	4.799%
21	5.086	1149	1165	1185	rBV2	79587	190146	39.99%	3.898%
22	5.607	1319	1327	1342	rBV6	2841	5465	1.15%	0.112%
23	5.742	1349	1369	1397	rBV2	156596	423181	89.01%	8.675%
24	6.035	1452	1460	1477	rVB9	5013	10634	2.24%	0.218%
25	6.147	1486	1495	1503	rBV4	2861	4808	1.01%	0.099%
26	6.263	1517	1531	1557	rBV	144343	277055	58.27%	5.679%
27	6.703	1653	1668	1684	rBV	103533	199433	41.95%	4.088%
28	6.870	1709	1720	1737	rBV7	6028	11942	2.51%	0.245%
29	7.578	1924	1940	1953	rBV	52755	93490	19.66%	1.916%
30	7.906	2028	2042	2056	rBV	193685	337153	70.91%	6.911%
31	7.977	2056	2064	2077	rVB2	14152	24108	5.07%	0.494%
32	8.189	2119	2130	2148	rVB3	32375	56243	11.83%	1.153%
33	8.642	2258	2271	2302	rBV	254159	475455	100.00%	9.746%
34	8.790	2309	2317	2330	rVB3	6198	11681	2.46%	0.239%

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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\SOMUTR072120WMA.M
Title : TRACE VOA SOM01.0

35	9.420	2500	2513	2536	rBV	207327	348676	73.34%	7.148%
36	9.697	2588	2599	2610	rBV3	6427	10805	2.27%	0.221%
37	10.102	2712	2725	2736	rBV	17377	27593	5.80%	0.566%
38	10.758	2913	2929	2944	rVB	76902	126951	26.70%	2.602%
39	11.809	3244	3256	3272	rVB	203413	328347	69.06%	6.731%
40	12.189	3361	3374	3392	rVB	193499	315932	66.45%	6.476%

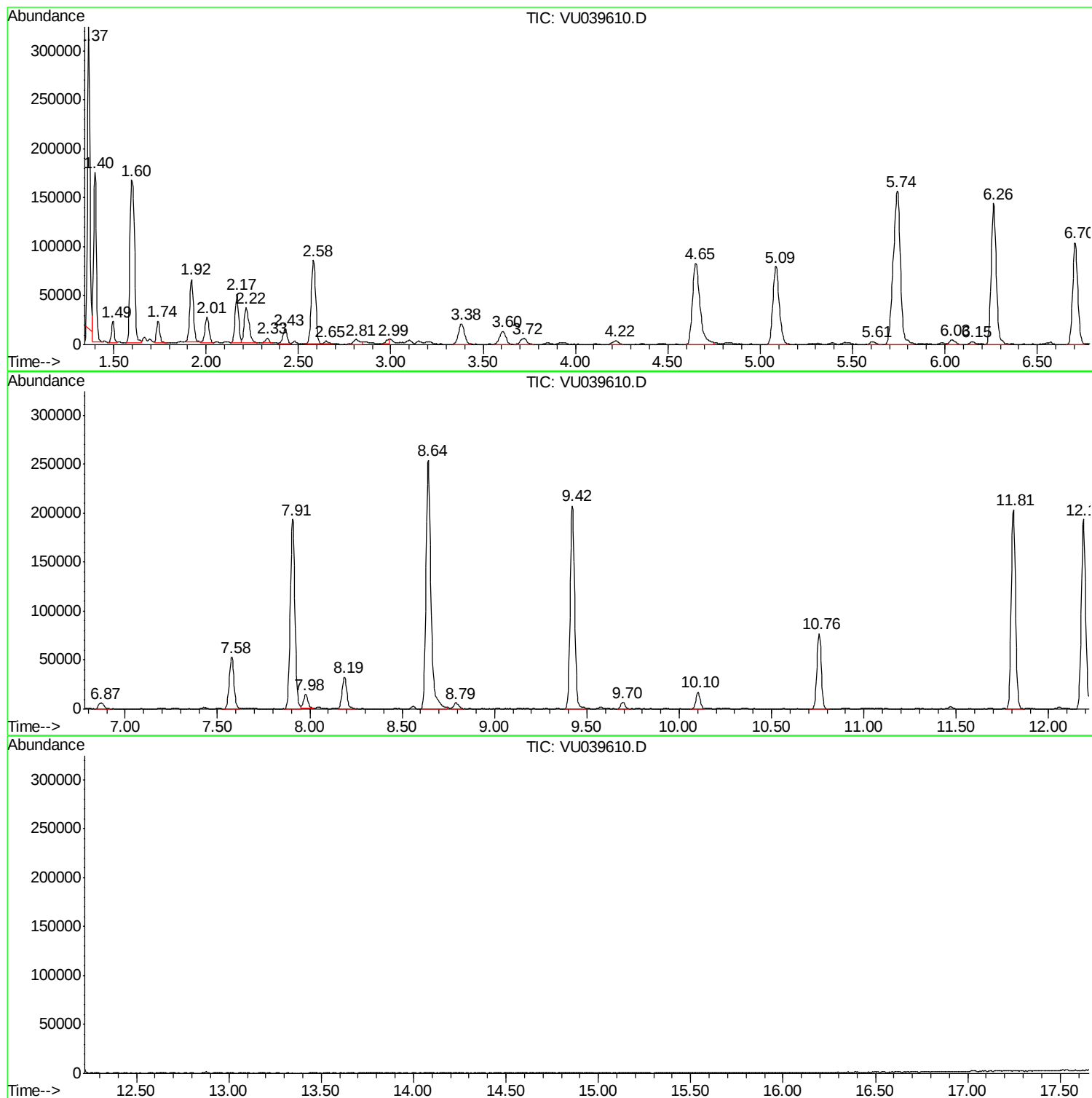
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Quant Title : TRACE VOA SOM01.0

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



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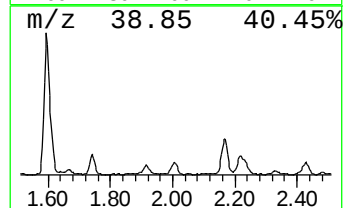
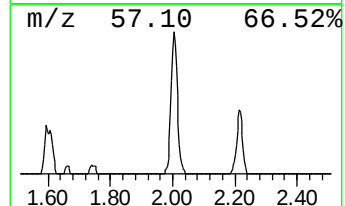
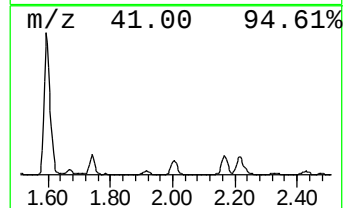
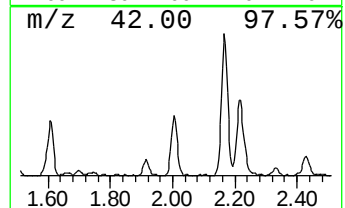
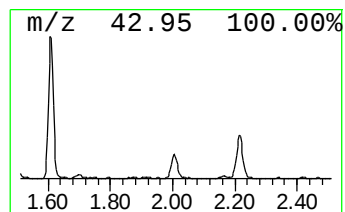
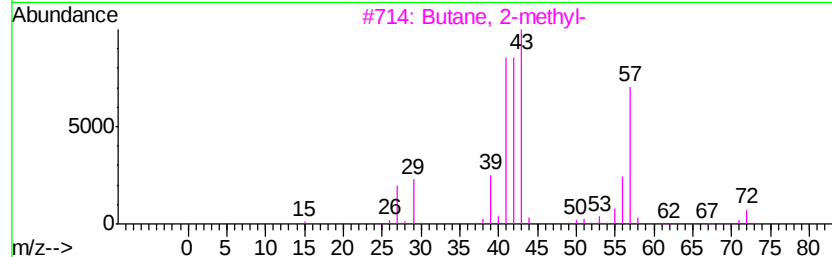
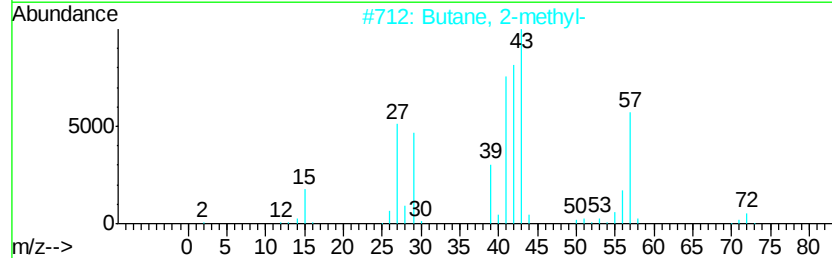
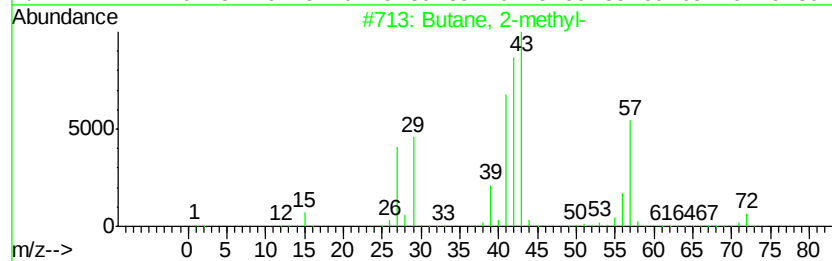
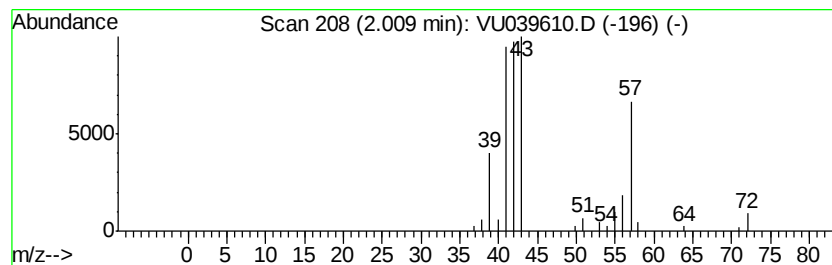
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	0.69 ug/L	38475	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			Butane, 2-methyl-	72	C5H12	000078-78-4	90
3			Butane, 2-methyl-	72	C5H12	000078-78-4	86
4			3-Buten-1-ol	72	C4H8O	000627-27-0	47
5			Pentane	72	C5H12	000109-66-0	36



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Instrument :
MSVOA_U
ClientSampleId :
GAY06

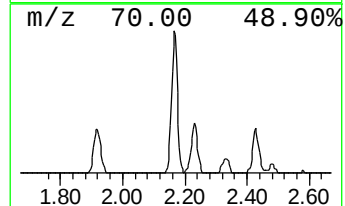
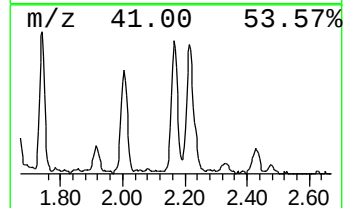
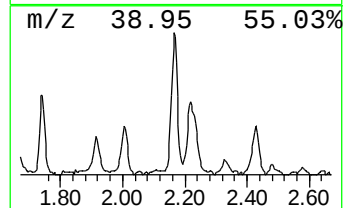
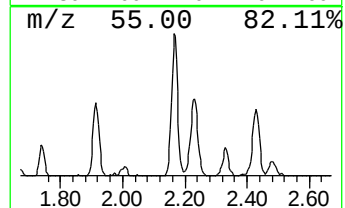
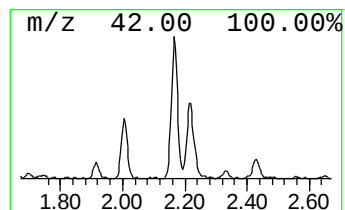
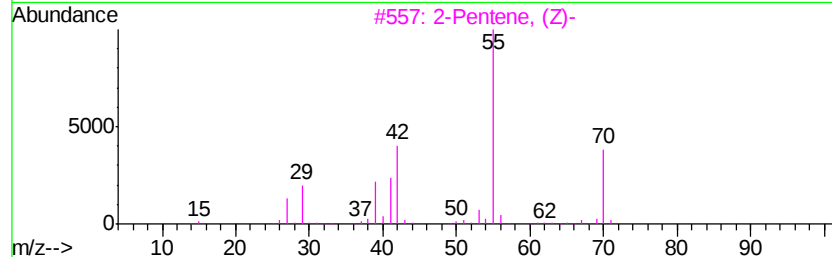
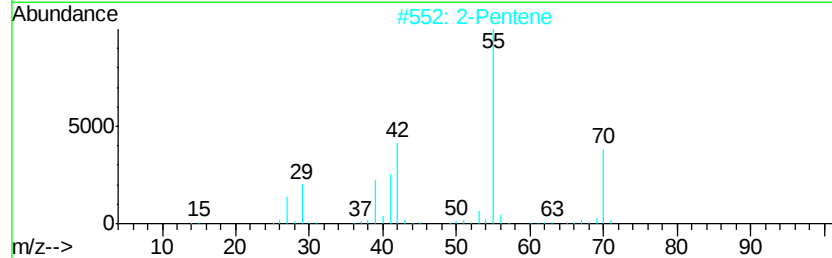
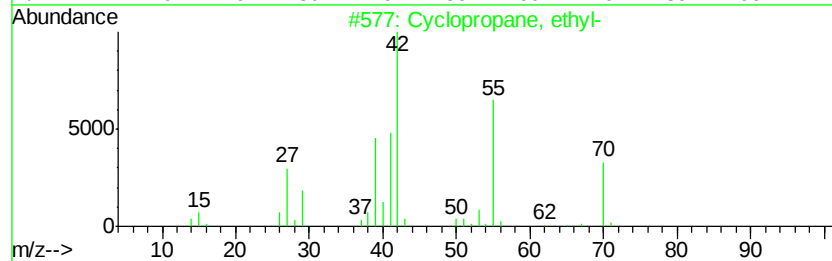
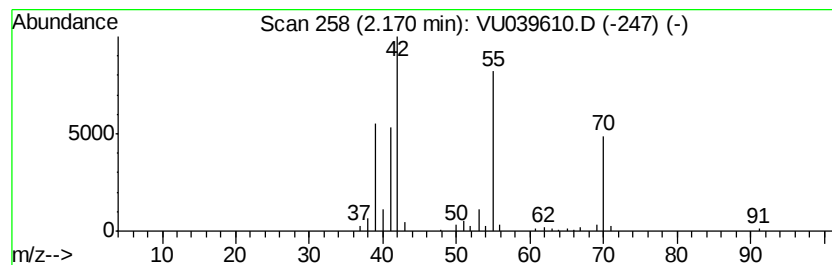
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic2.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.24 ug/L	68490	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2			2-Pentene	70	C5H10	000109-68-2	83
3			2-Pentene, (Z)-	70	C5H10	000627-20-3	83
4			Cyclobutane, methyl-	70	C5H10	000598-61-8	72
5			1-Pentene	70	C5H10	000109-67-1	68



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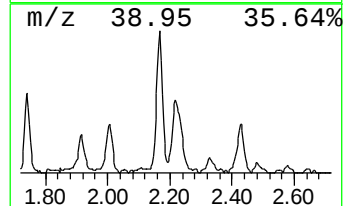
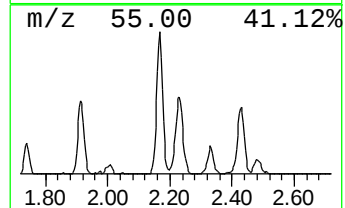
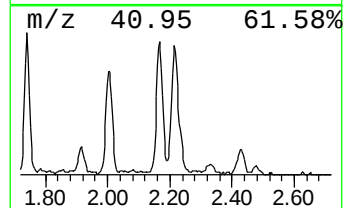
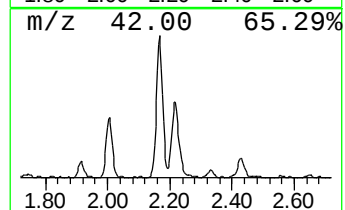
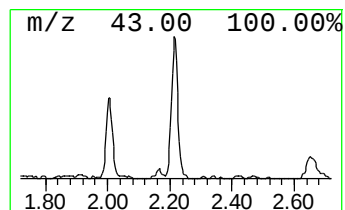
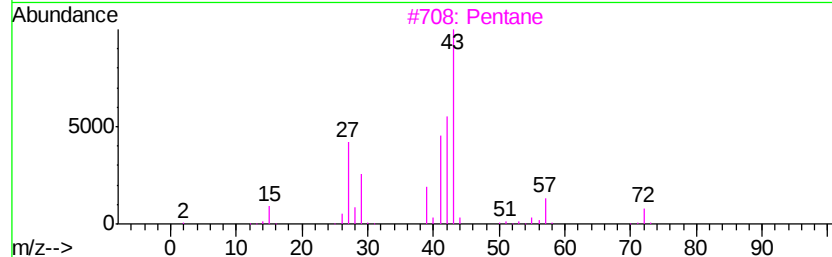
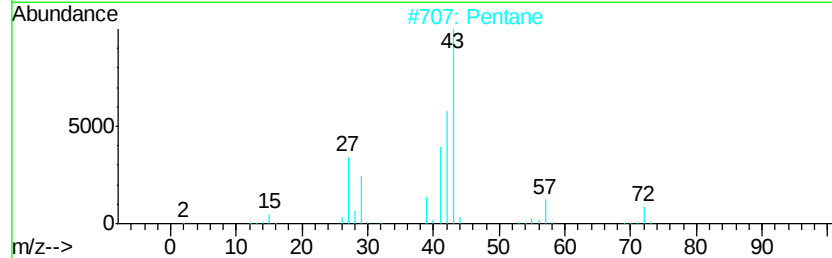
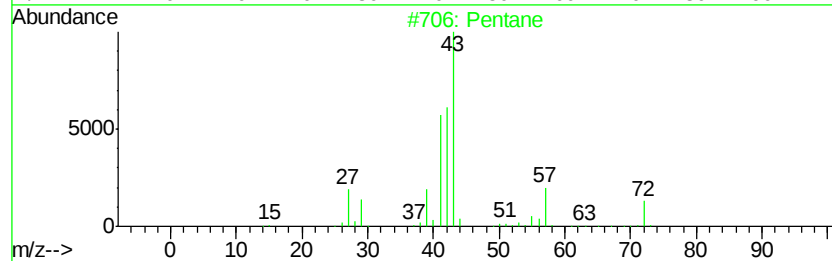
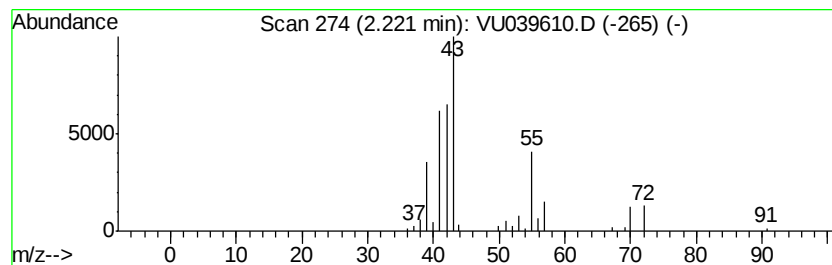
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	1.21 ug/L	66775	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	80
2		Pentane	72	C5H12	000109-66-0	72
3		Pentane	72	C5H12	000109-66-0	64
4		Pentane	72	C5H12	000109-66-0	53
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	37



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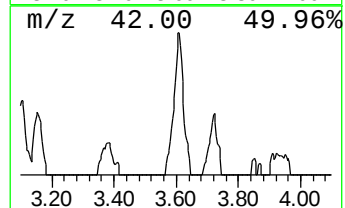
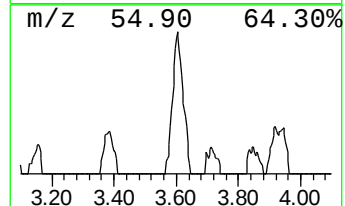
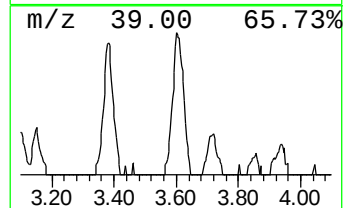
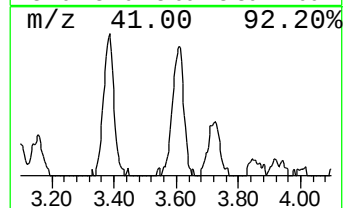
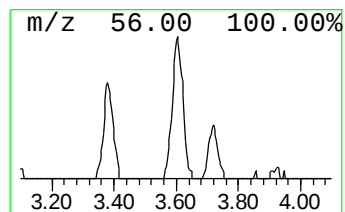
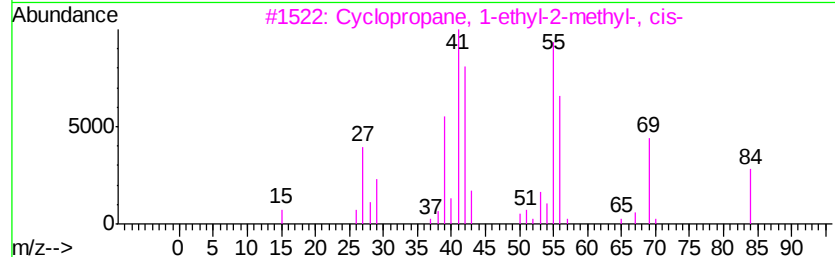
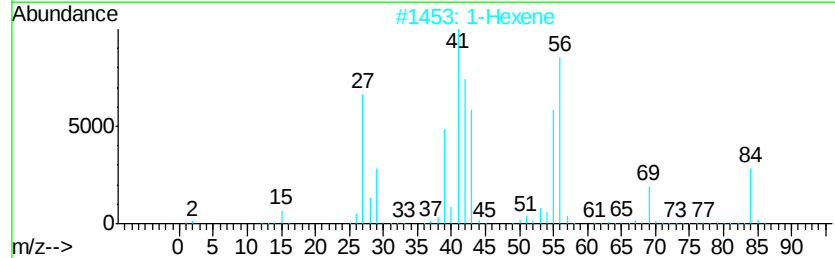
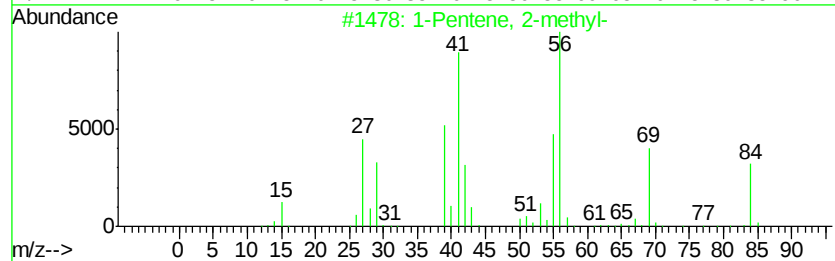
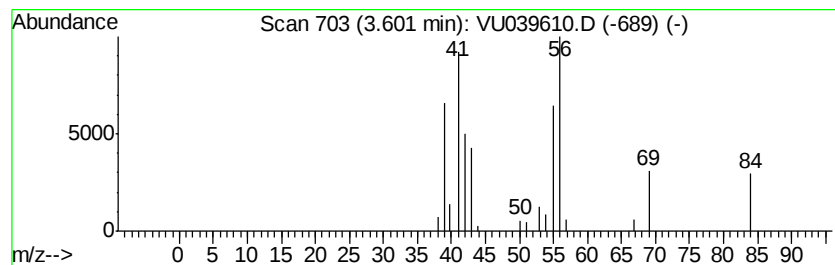
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.56 ug/L	31239	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
2			1-Hexene	84	C6H12	000592-41-6	74
3			Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	64
4			1-Hexene	84	C6H12	000592-41-6	64
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	58



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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...	2.01	0.7	ug/L	38475	1	6.26	277055	5.0
(DEL) Alkane: Cyc...	2.17	1.2	ug/L	68490	1	6.26	277055	5.0
(DEL) Alkane: Str...	2.22	1.2	ug/L	66775	1	6.26	277055	5.0
(DEL) Alkane: Str...	3.60	0.6	ug/L	31239	1	6.26	277055	5.0