

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090220\
 Data File : VU040023.D
 Acq On : 02 Sep 2020 14:17
 Operator : SY/MD
 Sample : L3891-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW290

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\SOMUTR083120WMA.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	20	rVB2	35146	36657	5.66%	0.791%
2	1.498	42	49	56	rBV	40761	39928	6.16%	0.861%
3	1.607	75	83	93	rVB2	86464	97252	15.01%	2.098%
4	1.922	172	181	191	rBV	46650	59184	9.14%	1.277%
5	2.006	198	207	218	rVB	28672	39024	6.02%	0.842%
6	2.215	263	272	283	rVB2	18845	26967	4.16%	0.582%
7	2.578	372	385	398	rBV2	97097	162599	25.10%	3.508%
8	2.649	400	407	420	rVB2	5863	10566	1.63%	0.228%
9	2.806	443	456	469	rBV	45795	76854	11.86%	1.658%
10	3.096	537	546	557	rVB4	6833	13104	2.02%	0.283%
11	3.375	619	633	645	rVB4	4272	9114	1.41%	0.197%
12	3.716	727	739	752	rBV3	7538	15762	2.43%	0.340%
13	4.546	986	997	1011	rVB7	3515	7763	1.20%	0.167%
14	4.642	1011	1027	1049	rBV	97732	250417	38.66%	5.403%
15	5.080	1145	1163	1184	rBV	93202	206811	31.93%	4.462%
16	5.395	1246	1261	1263	rBV7	5117	9075	1.40%	0.196%
17	5.739	1347	1368	1397	rBV2	181318	491400	75.86%	10.602%
18	6.144	1485	1494	1506	rBV4	5961	11052	1.71%	0.238%
19	6.260	1516	1530	1549	rBV	145516	267134	41.24%	5.763%
20	6.552	1608	1621	1634	rVB4	25947	49475	7.64%	1.067%
21	6.700	1651	1667	1681	rBV	119953	231769	35.78%	5.000%
22	6.774	1681	1690	1701	rVB5	8739	16494	2.55%	0.356%
23	7.571	1926	1938	1955	rVB2	60852	107128	16.54%	2.311%
24	7.903	2028	2041	2055	rVV	212536	366807	56.63%	7.914%
25	7.973	2055	2063	2074	rVB3	14683	24458	3.78%	0.528%
26	8.182	2118	2128	2142	rVV2	40138	69608	10.75%	1.502%
27	8.555	2233	2244	2255	rVB3	27642	45124	6.97%	0.974%
28	8.639	2257	2270	2303	rBV	360807	647773	100.00%	13.975%
29	8.793	2309	2318	2331	rVB3	4898	9701	1.50%	0.209%
30	9.417	2497	2512	2532	rBV	209959	351062	54.20%	7.574%
31	9.571	2552	2560	2568	rBV3	5566	8011	1.24%	0.173%
32	9.697	2590	2599	2607	rBV4	4825	7551	1.17%	0.163%
33	10.755	2916	2928	2943	rBV	96338	156435	24.15%	3.375%
34	11.806	3242	3255	3271	rVB2	212926	341072	52.65%	7.358%

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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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

35	12.189	3362	3374	3388	rVB	233640	372005	57.43%	8.026%
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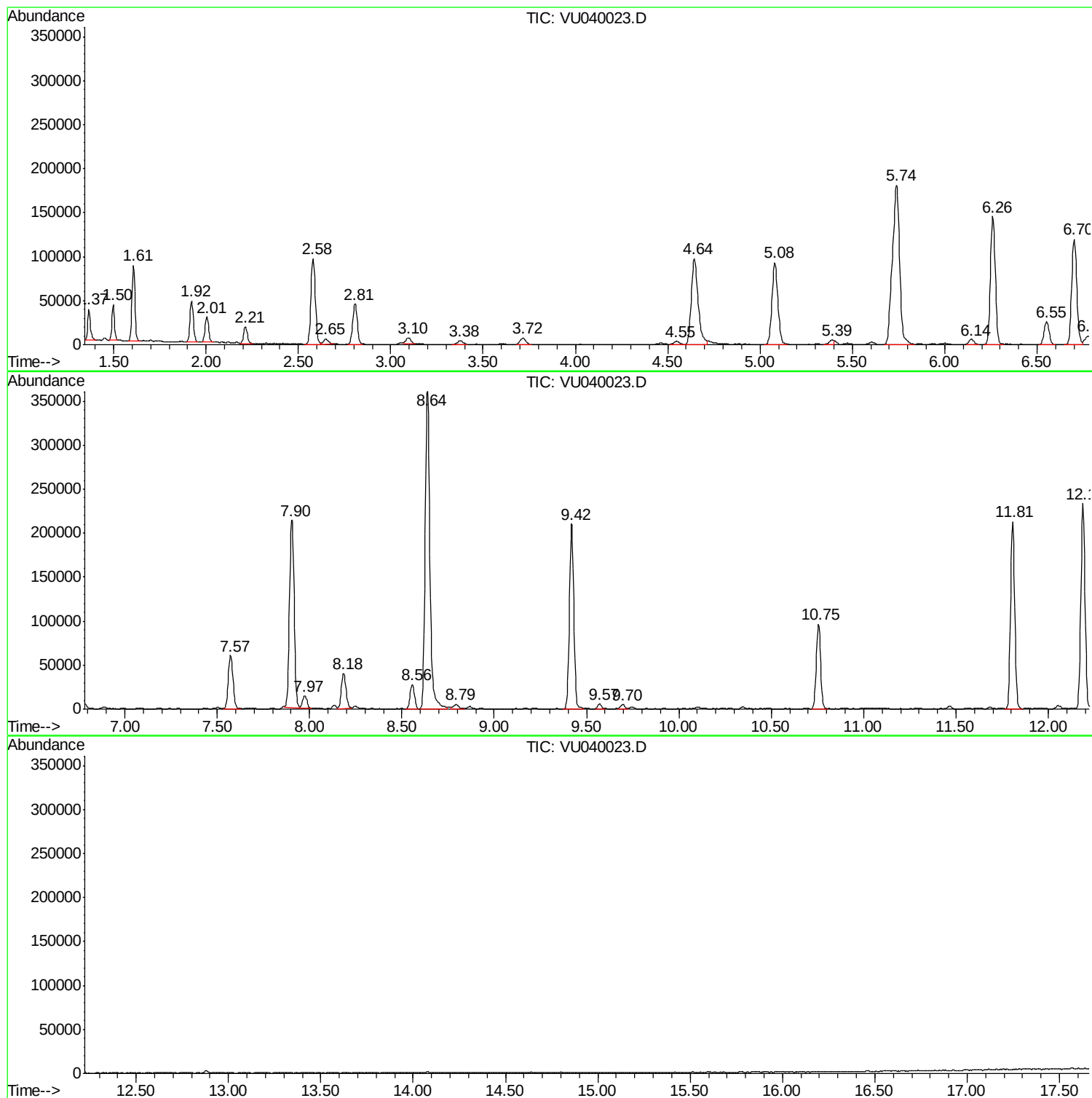
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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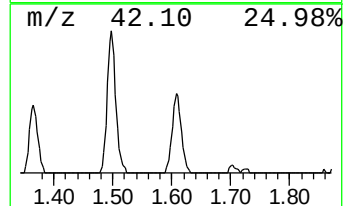
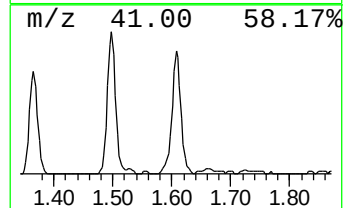
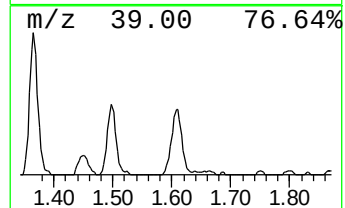
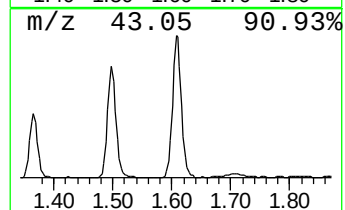
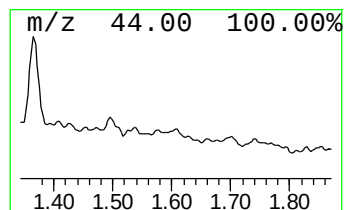
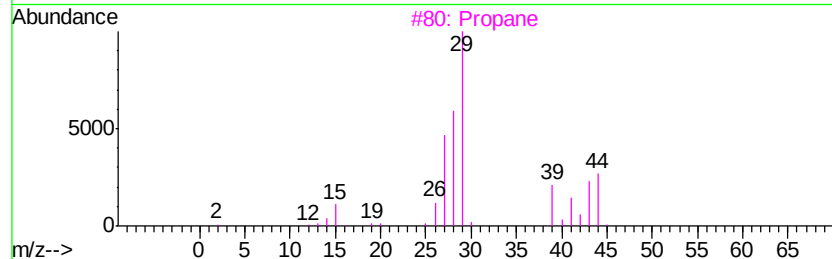
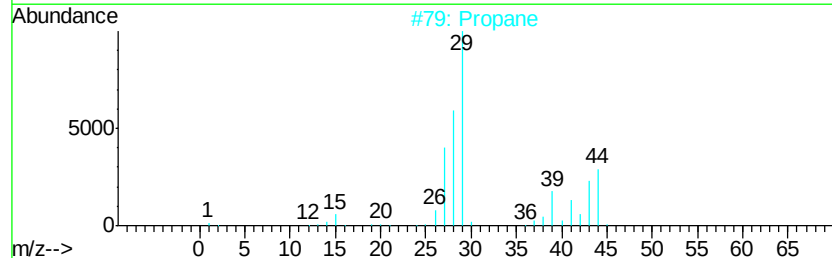
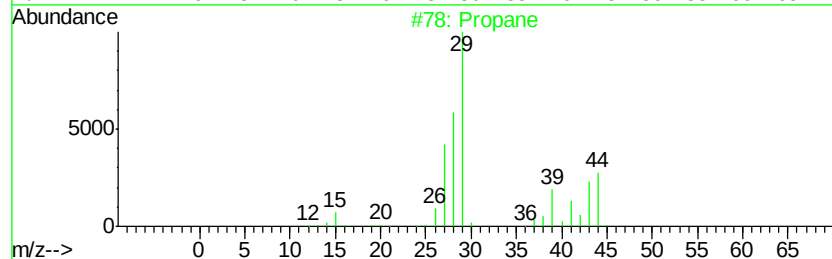
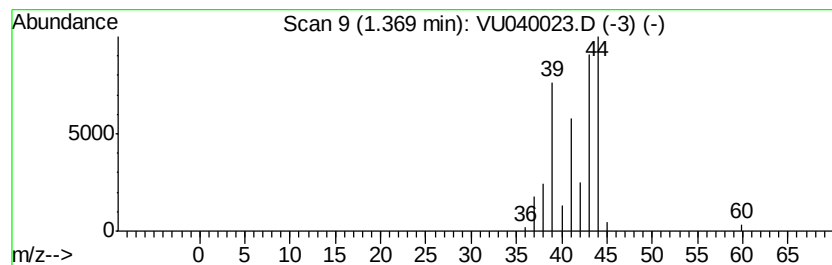
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.37	0.69 ug/L	36657	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	83
2		Propane	44	C3H8	000074-98-6	56
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Cyclopropene	40	C3H4	002781-85-3	4



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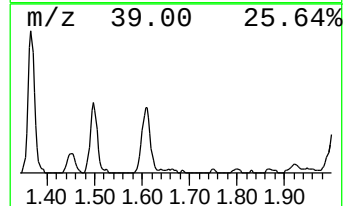
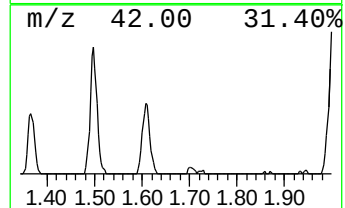
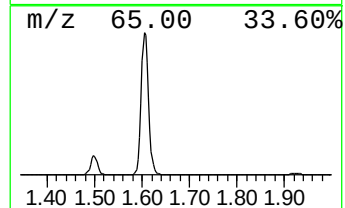
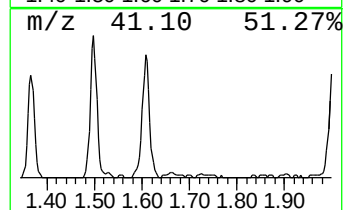
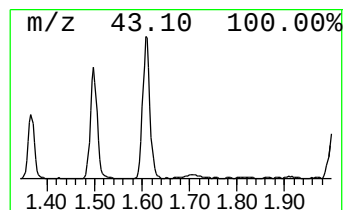
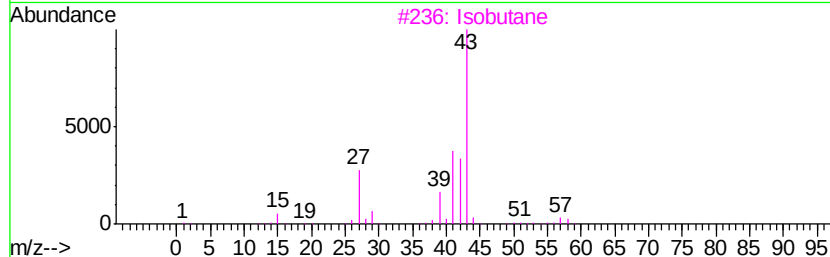
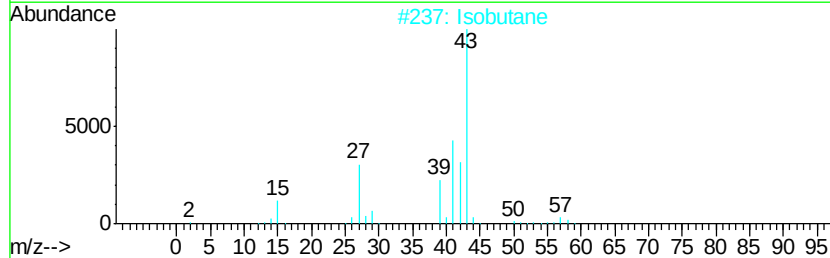
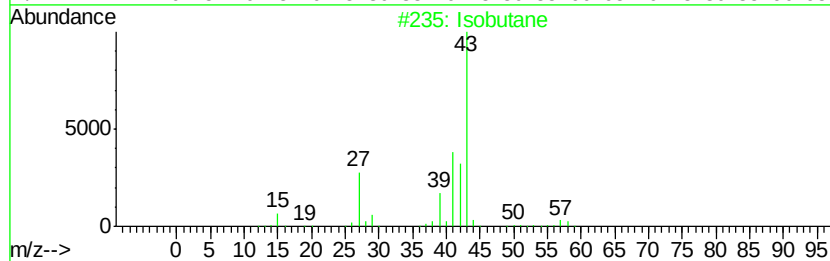
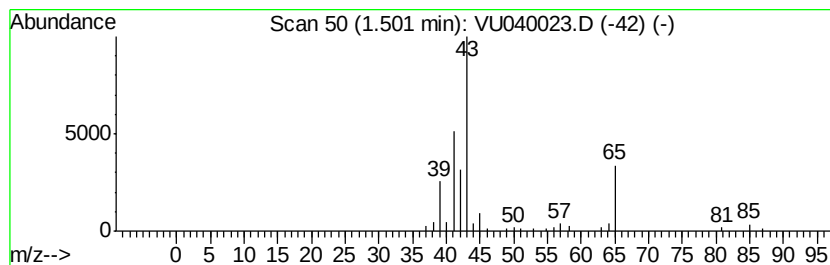
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	0.75 ug/L	39928	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	38
2		Isobutane	58	C4H10	000075-28-5	38
3		Isobutane	58	C4H10	000075-28-5	32
4		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5		5-Methyloxazolidine	87	C4H9NO	058328-22-6	9



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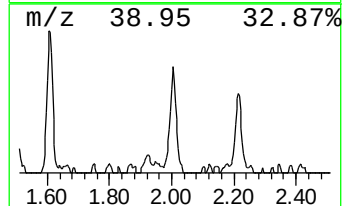
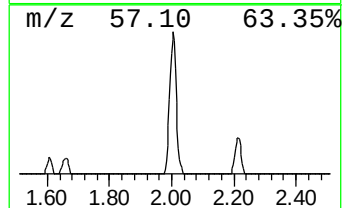
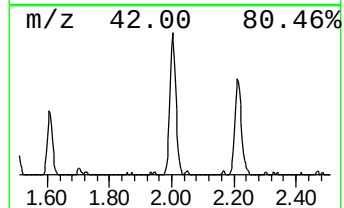
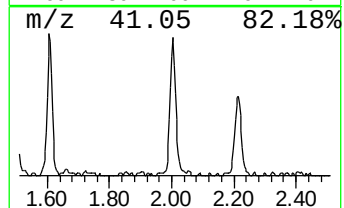
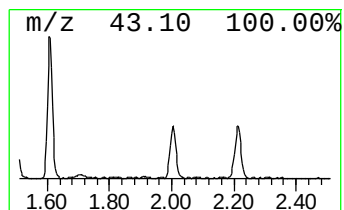
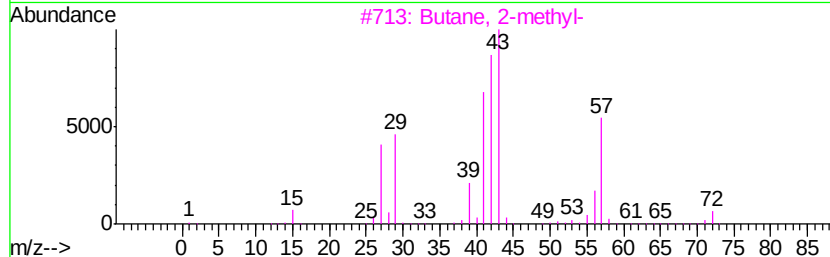
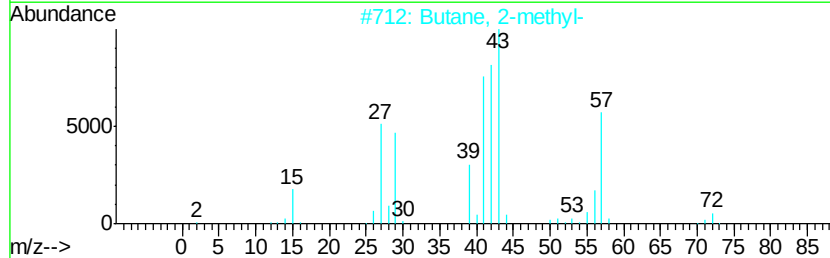
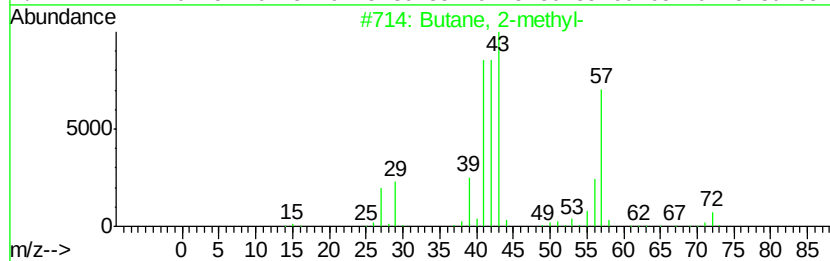
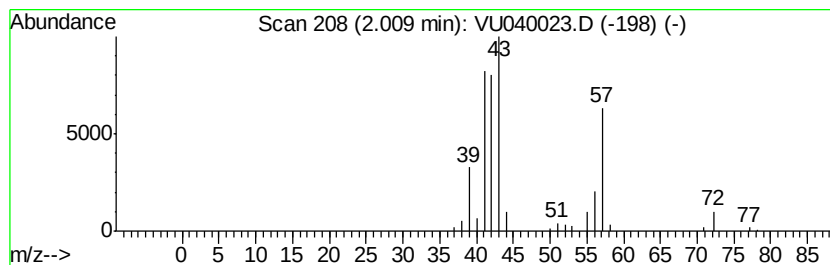
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Quant Title : TRACE VOA SOM01.0

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.
2.01	0.73 ug/L	39024	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	87
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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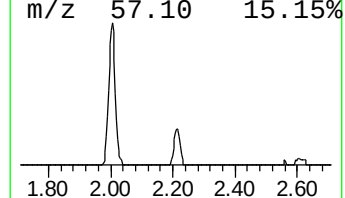
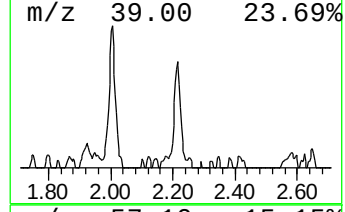
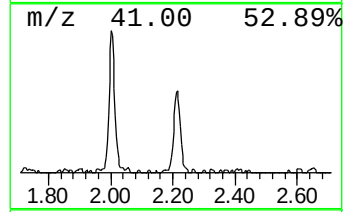
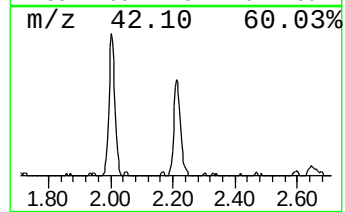
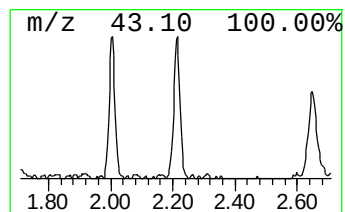
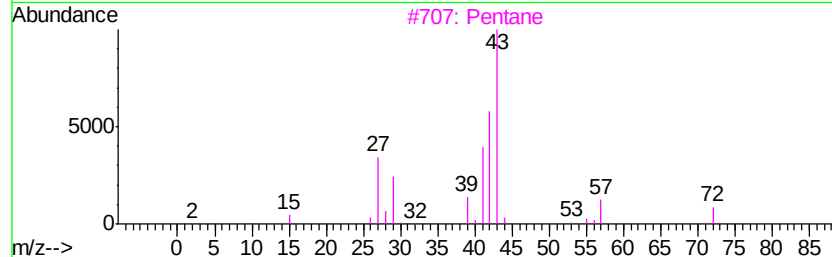
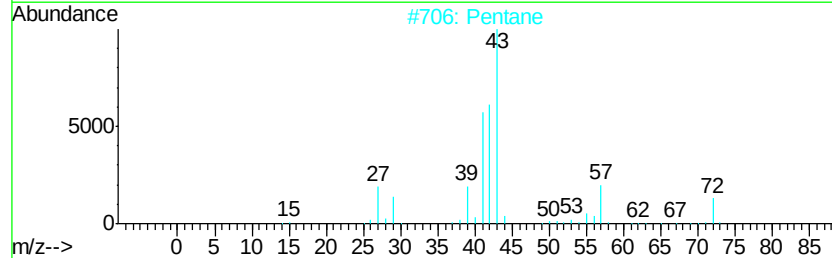
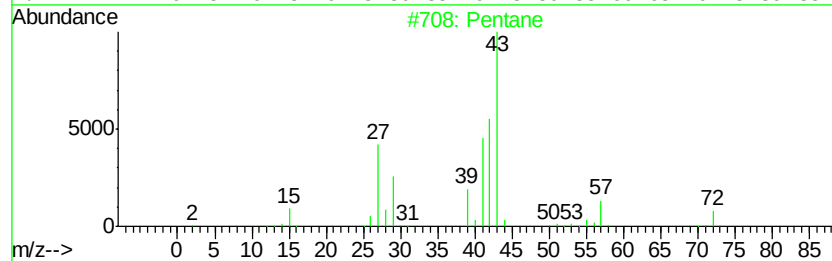
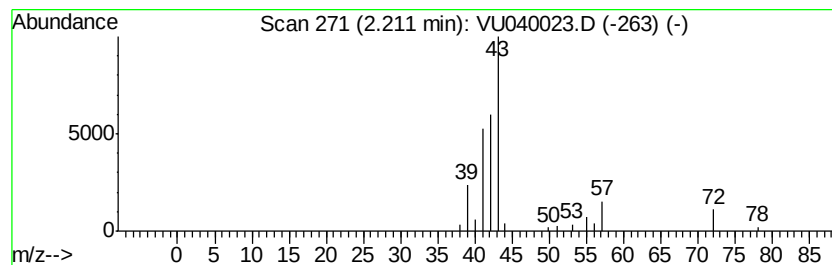
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	0.50 ug/L	26967	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	72
4		Pentane	72	C5H12	000109-66-0	59
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	0.7	ug/L	36657	1	6.26	267134	5.0
(DEL) Alkane: Str...	1.50	0.8	ug/L	39928	1	6.26	267134	5.0
(DEL) Alkane: Str...	2.01	0.7	ug/L	39024	1	6.26	267134	5.0
(DEL) Alkane: Str...	2.21	0.5	ug/L	26967	1	6.26	267134	5.0