

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090220\
 Data File : VU040024.D
 Acq On : 02 Sep 2020 15:02
 Operator : SY/MD
 Sample : L3891-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 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	18	rVB	51749	50839	8.58%	1.143%
2	1.498	42	49	62	rVB	47272	49433	8.35%	1.111%
3	1.607	74	83	94	rVB2	86817	97877	16.53%	2.201%
4	1.922	173	181	191	rVB	40773	52745	8.91%	1.186%
5	2.002	197	206	218	rBV2	34055	47098	7.95%	1.059%
6	2.215	262	272	284	rVB2	23220	34594	5.84%	0.778%
7	2.578	372	385	398	rBV	86363	142408	24.04%	3.202%
8	2.642	399	405	418	rVB	5921	10554	1.78%	0.237%
9	2.806	442	456	467	rBV	11982	20351	3.44%	0.458%
10	3.099	538	547	558	rVB3	7321	14647	2.47%	0.329%
11	3.372	620	632	646	rVB3	4904	9898	1.67%	0.223%
12	3.713	724	738	751	rBV5	8138	18492	3.12%	0.416%
13	4.542	985	996	1011	rBV3	3686	8573	1.45%	0.193%
14	4.642	1011	1027	1052	rBV	90579	229515	38.75%	5.160%
15	5.079	1146	1163	1183	rBV	82651	184098	31.08%	4.139%
16	5.398	1249	1262	1272	rBV8	5309	13449	2.27%	0.302%
17	5.739	1347	1368	1396	rBV3	161429	436516	73.70%	9.814%
18	6.144	1485	1494	1504	rBV3	6088	11212	1.89%	0.252%
19	6.259	1515	1530	1550	rBV	164307	302828	51.13%	6.809%
20	6.552	1609	1621	1633	rVB3	24476	46717	7.89%	1.050%
21	6.700	1648	1667	1681	rBV2	106146	207003	34.95%	4.654%
22	6.767	1681	1688	1690	rBV4	7172	7613	1.29%	0.171%
23	7.571	1927	1938	1955	rBV	55052	95056	16.05%	2.137%
24	7.902	2019	2041	2055	rBV	192974	333111	56.24%	7.490%
25	7.976	2055	2064	2075	rVB3	20382	34109	5.76%	0.767%
26	8.185	2119	2129	2140	rVV3	35649	59074	9.97%	1.328%
27	8.555	2232	2244	2255	rBV3	24229	41876	7.07%	0.942%
28	8.639	2255	2270	2303	rBV	332518	592286	100.00%	13.317%
29	8.790	2310	2317	2331	rVB7	4581	8960	1.51%	0.201%
30	9.417	2495	2512	2527	rBV	237390	395508	66.78%	8.892%
31	9.568	2549	2559	2570	rBV2	7967	11611	1.96%	0.261%
32	9.690	2587	2597	2608	rBV3	6409	10188	1.72%	0.229%
33	10.754	2915	2928	2940	rBV	91060	145738	24.61%	3.277%
34	11.806	3241	3255	3271	rBV	239718	382393	64.56%	8.598%

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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	12.053	3323	3332	3346	rVB5	5693	8887	1.50%	0.200%
36	12.185	3361	3373	3387	rBV	207276	332438	56.13%	7.474%

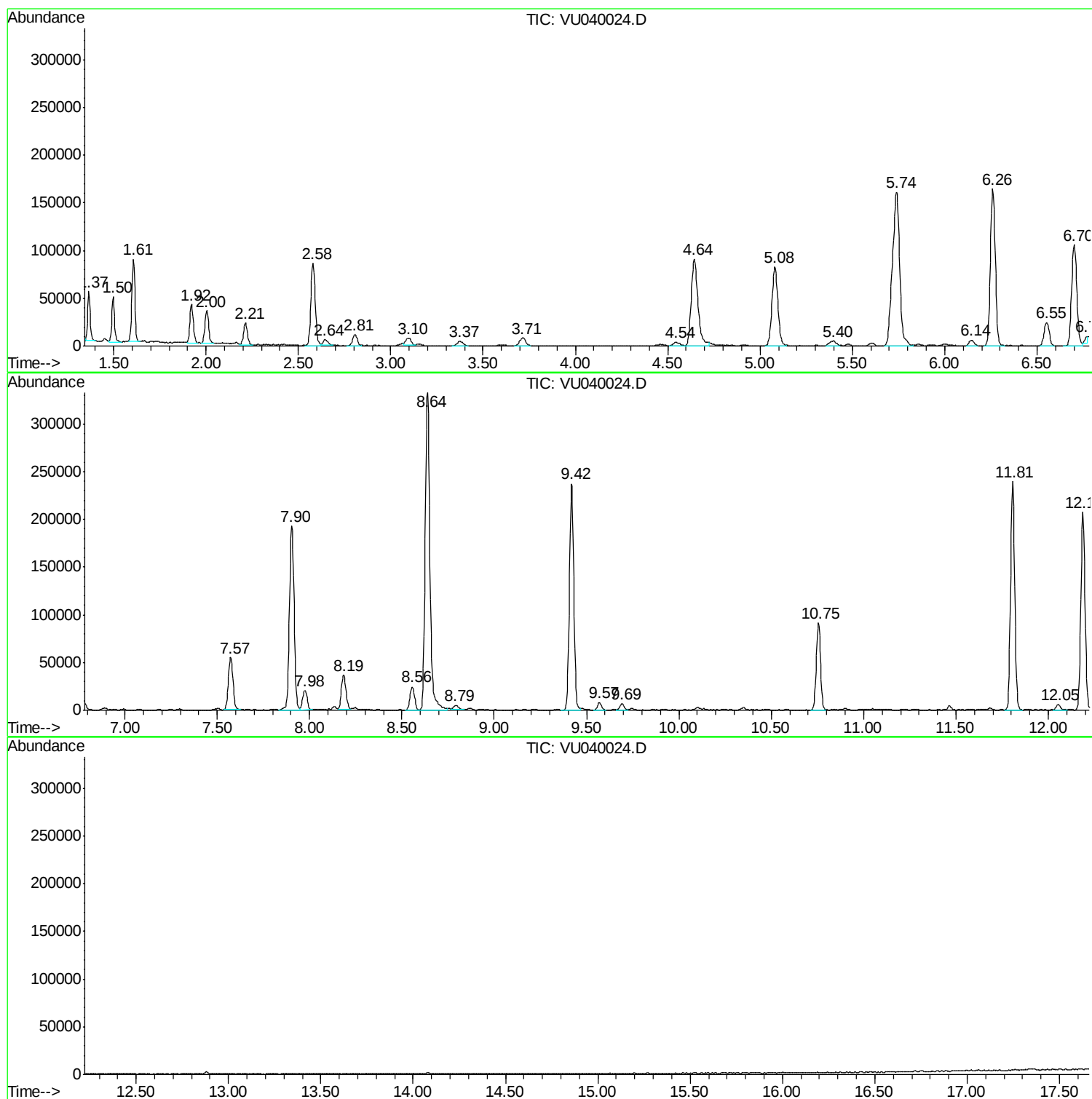
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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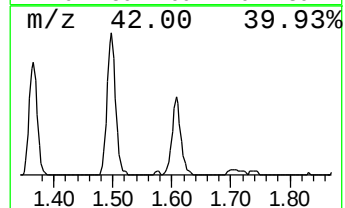
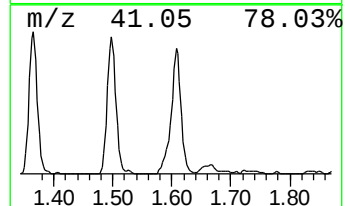
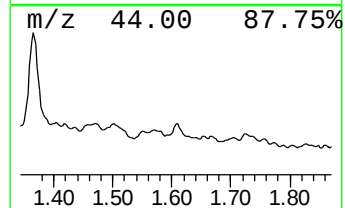
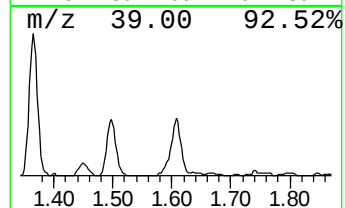
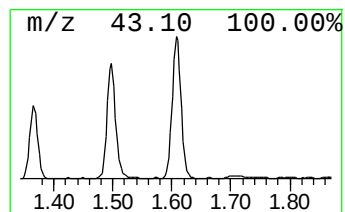
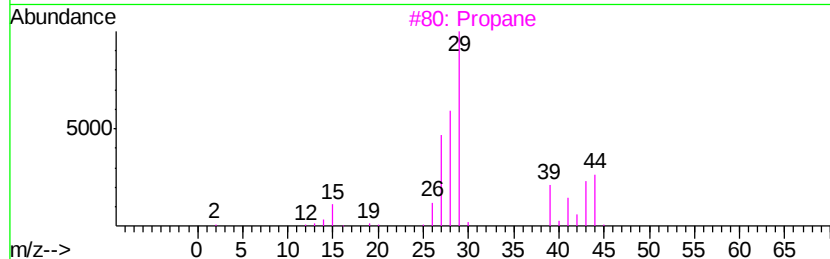
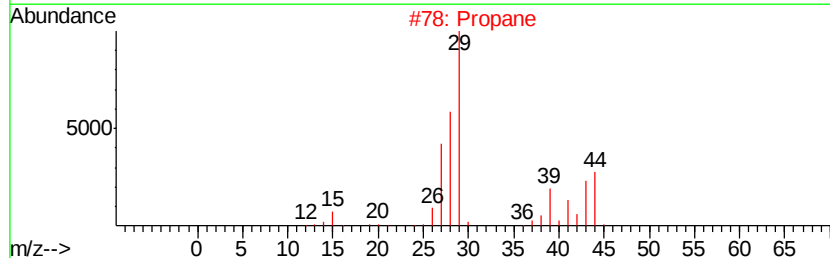
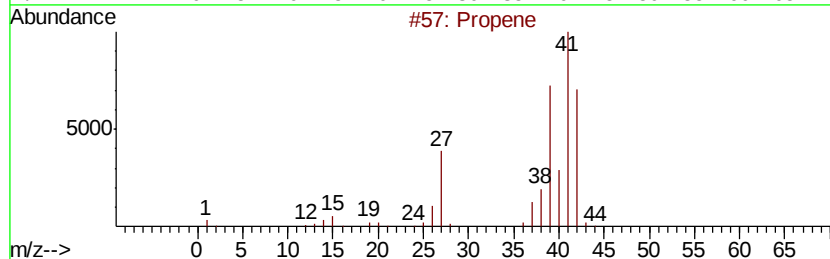
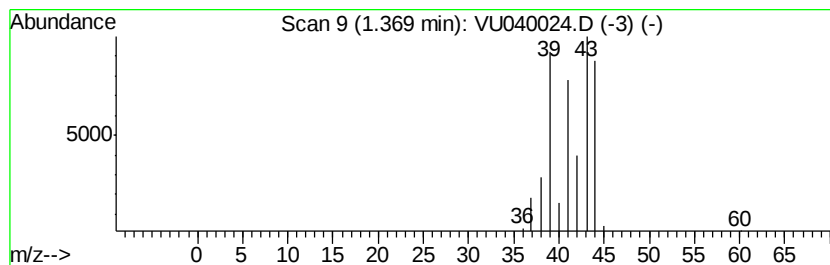
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.84 ug/L	50839	1,4-Difluorobenzene	6.26

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



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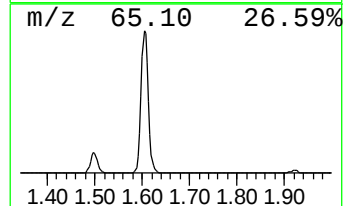
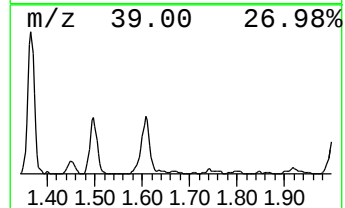
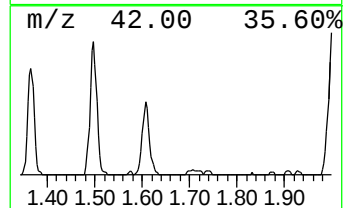
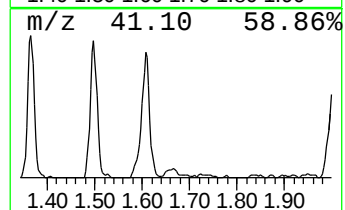
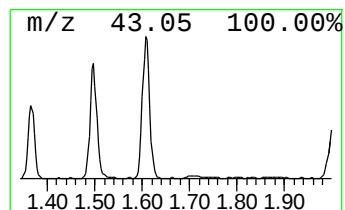
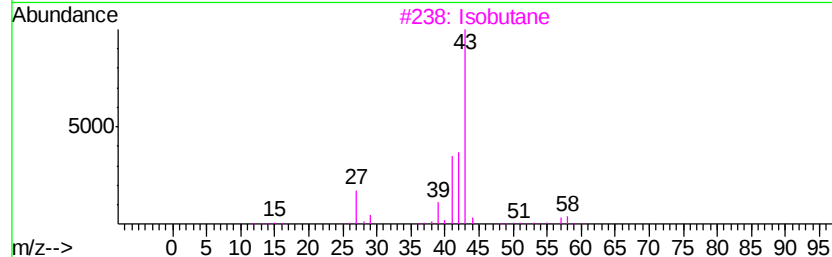
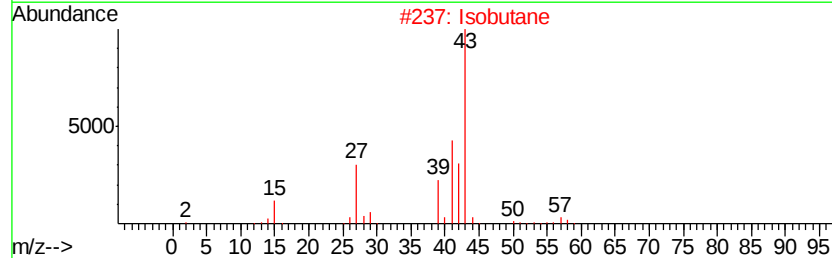
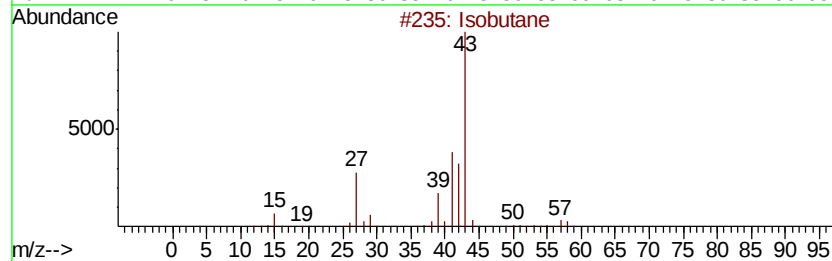
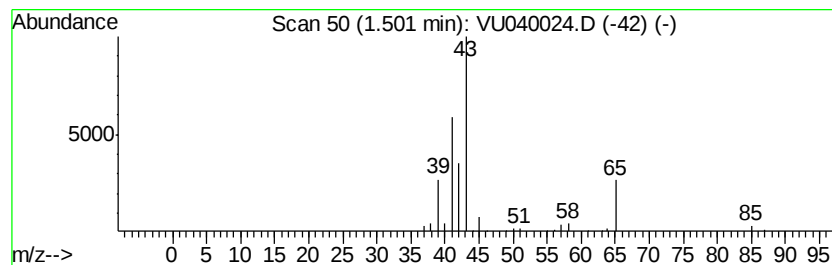
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	0.82 ug/L	49433	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	47
2			Isobutane	58	C4H10	000075-28-5	47
3			Isobutane	58	C4H10	000075-28-5	38
4			Isobutane	58	C4H10	000075-28-5	38
5			2-Nitro-2-methyl-1,3-propanediol	135	C4H9NO4	000077-49-6	9



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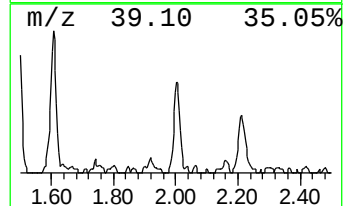
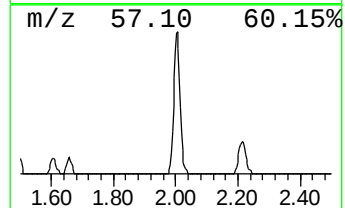
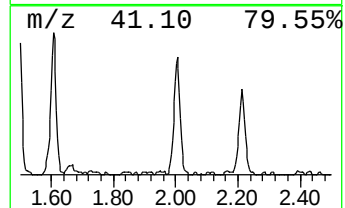
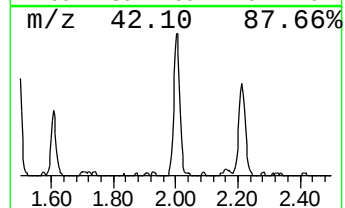
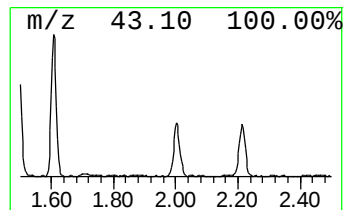
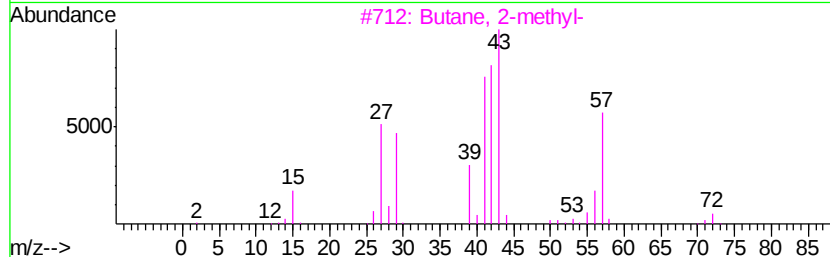
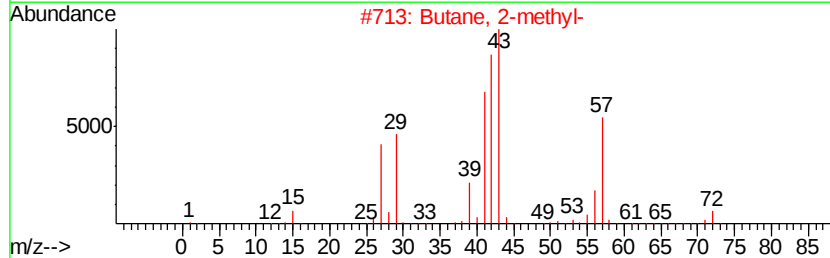
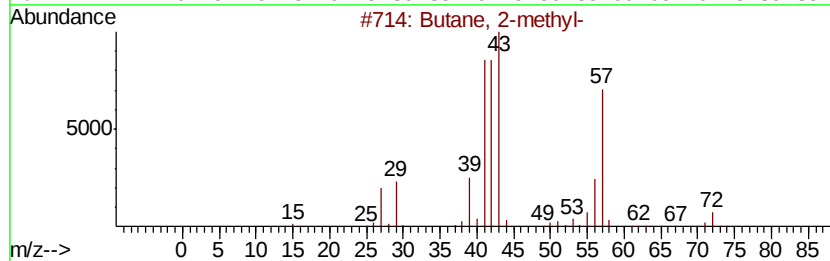
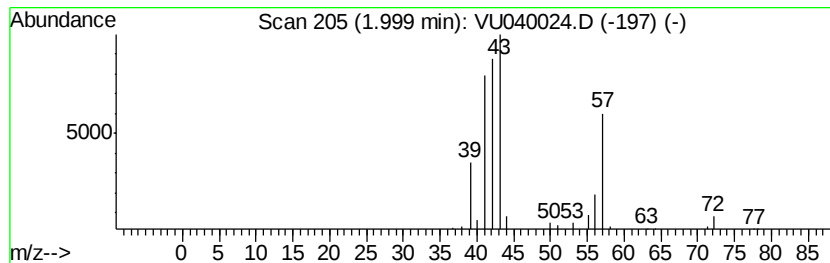
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	0.78 ug/L	47098	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	87
4			3-Buten-1-ol	72	C4H8O	000627-27-0	47
5			Pentane	72	C5H12	000109-66-0	42



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Instrument :
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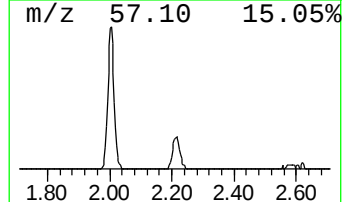
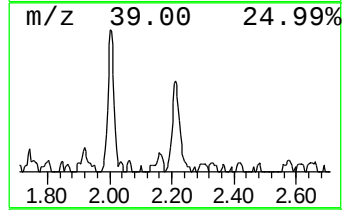
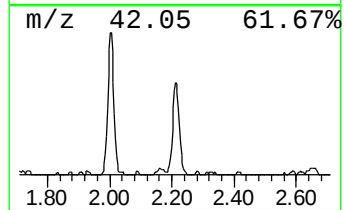
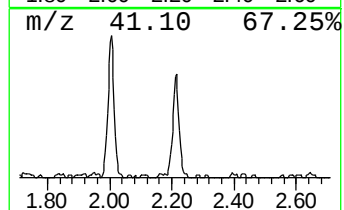
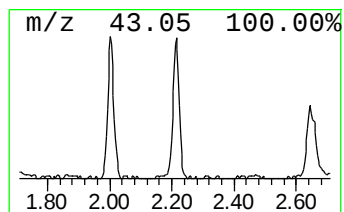
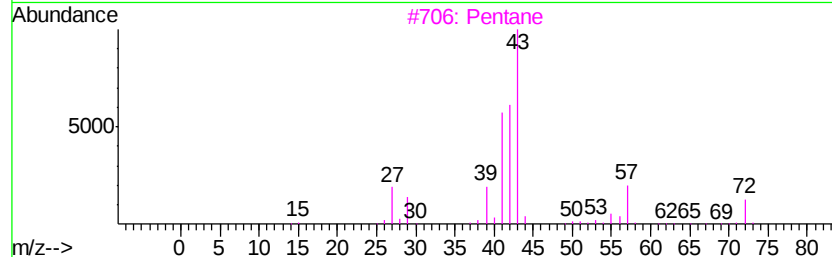
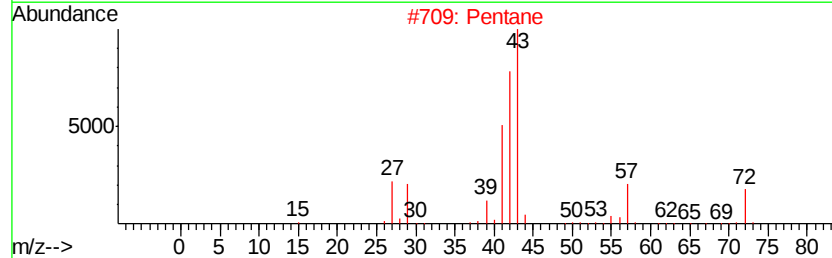
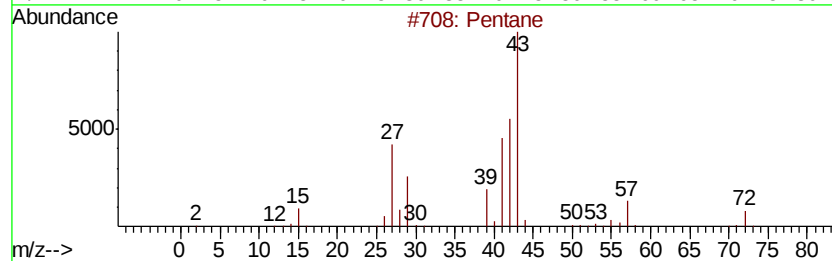
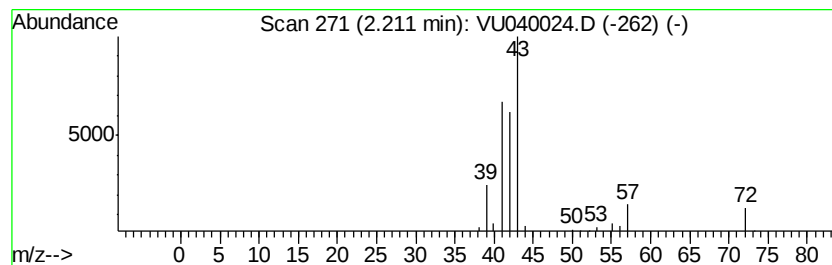
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	0.57 ug/L	34594	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	72
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	47



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TIC Integration Parameters: LSCINT.P

					--Internal Standard--				
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Str...	1.37	0.8	ug/L	50839	1	6.26	302828	5.0	
(DEL) Alkane: Str...	1.50	0.8	ug/L	49433	1	6.26	302828	5.0	
(DEL) Alkane: Str...	2.00	0.8	ug/L	47098	1	6.26	302828	5.0	
(DEL) Alkane: Str...	2.21	0.6	ug/L	34594	1	6.26	302828	5.0	