

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111819\
 Data File : VU035745.D
 Acq On : 18 Nov 2019 15:32
 Operator : JC/SP
 Sample : K5911-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQL2

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\SOMUTR110419WMA.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	1.372	3	10	26	rVB	625581	636587	70.11%	7.365%
2	1.459	32	37	42	rBV	19077	18907	2.08%	0.219%
3	1.507	46	52	69	rVB	74736	94686	10.43%	1.095%
4	1.613	75	85	94	rBV3	284359	479832	52.85%	5.551%
5	1.706	110	114	120	rVB	22741	23380	2.57%	0.270%
6	1.751	123	128	137	rVB2	34346	38820	4.28%	0.449%
7	1.935	177	185	199	rVB	112601	158038	17.41%	1.828%
8	2.015	203	210	221	rVB	50593	69916	7.70%	0.809%
9	2.179	254	261	269	rBV2	30424	40635	4.48%	0.470%
10	2.234	270	278	298	rVB4	33717	76168	8.39%	0.881%
11	2.597	379	391	404	rBV	186479	311296	34.29%	3.601%
12	2.668	408	413	424	rVB5	17929	29188	3.21%	0.338%
13	2.822	454	461	472	rVB	21033	33909	3.73%	0.392%
14	3.166	560	568	579	rVB9	4986	10197	1.12%	0.118%
15	3.423	630	648	664	rVB3	24606	60695	6.68%	0.702%
16	3.626	698	711	726	rBV6	7200	18089	1.99%	0.209%
17	4.700	1028	1045	1063	rBV	129437	339924	37.44%	3.933%
18	5.118	1158	1175	1202	rBV3	138945	387910	42.72%	4.488%
19	5.771	1357	1378	1412	rBV2	331412	907962	100.00%	10.504%
20	6.291	1525	1540	1559	rBV	243615	486613	53.59%	5.630%
21	6.735	1663	1678	1693	rBV	209520	426372	46.96%	4.933%
22	7.603	1934	1948	1971	rBV2	87230	176184	19.40%	2.038%
23	7.935	2037	2051	2065	rBV	334254	629449	69.33%	7.282%
24	8.002	2066	2072	2087	rVB	36580	69361	7.64%	0.802%
25	8.217	2127	2139	2156	rBV	49534	102271	11.26%	1.183%
26	8.703	2272	2290	2325	rBV	232226	878321	96.74%	10.161%
27	9.452	2509	2523	2553	rBV	325255	707645	77.94%	8.187%
28	9.600	2561	2569	2587	rVB	18984	37019	4.08%	0.428%
29	9.729	2595	2609	2624	rBV3	9924	19922	2.19%	0.230%
30	10.134	2727	2735	2755	rVB2	5812	13371	1.47%	0.155%
31	10.790	2922	2939	2963	rBV2	156513	295341	32.53%	3.417%
32	11.844	3253	3267	3286	rBV	258117	517108	56.95%	5.982%
33	12.224	3373	3385	3402	rBV	254634	487773	53.72%	5.643%
34	12.915	3592	3600	3608	rVB5	11220	17391	1.92%	0.201%

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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	13.246	3694	3703	3713	rVB3	8520	12740	1.40%	0.147%
36	14.352	4037	4047	4058	rBV3	19289	30704	3.38%	0.355%

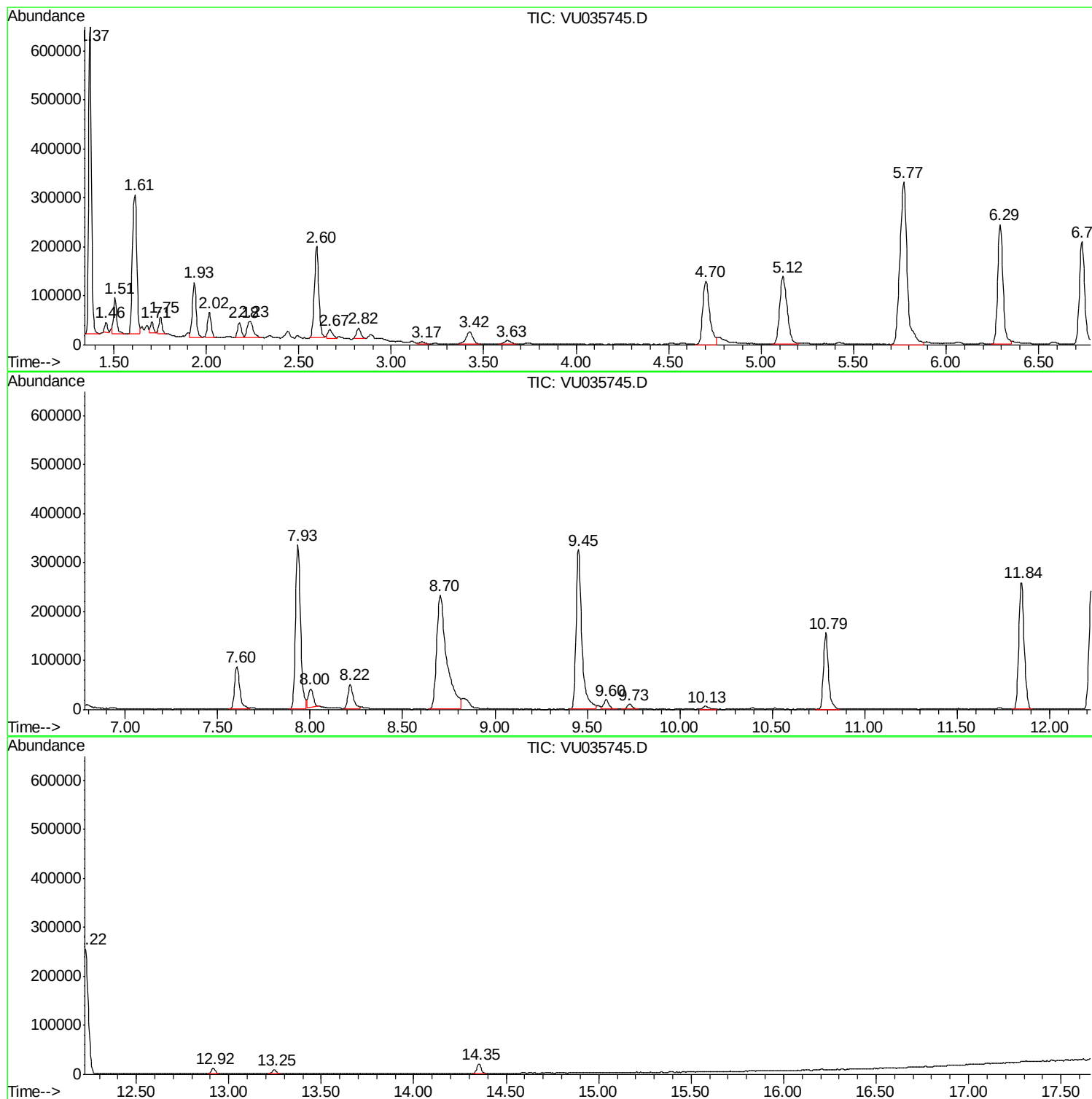
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Quant Title : TRACE VOA SOM01.0

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



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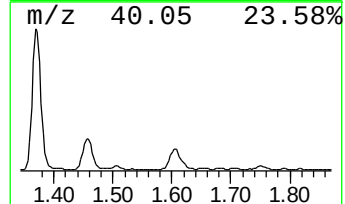
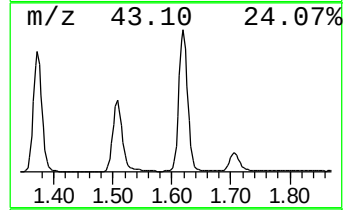
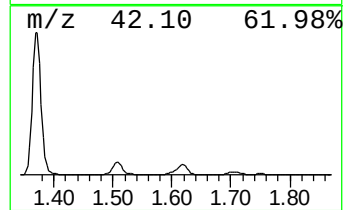
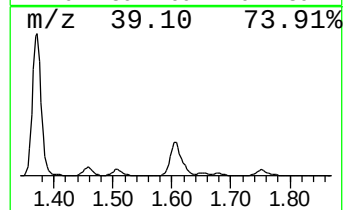
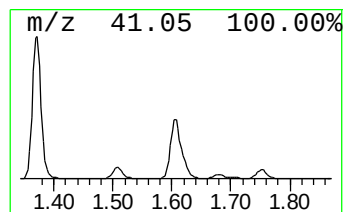
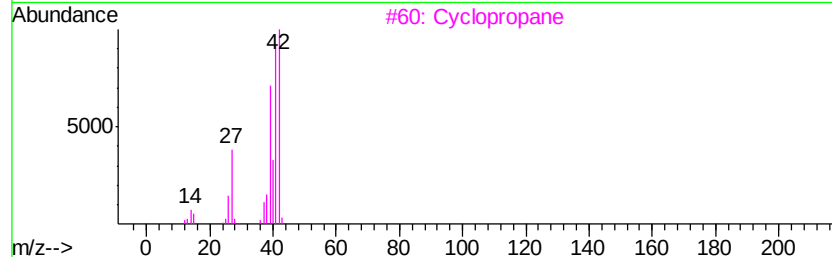
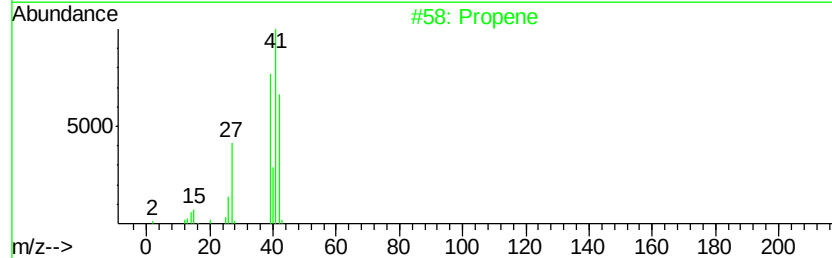
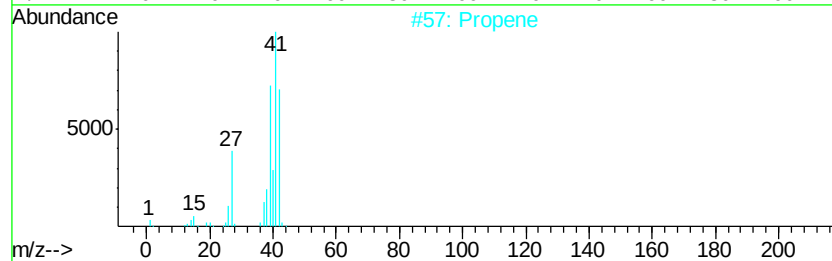
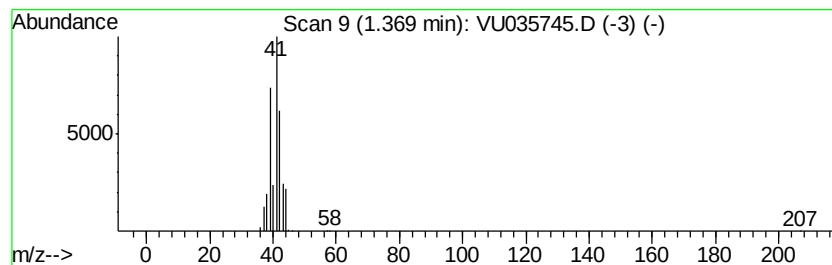
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic1.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	6.54 ug/L	636587	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	9
4		Cyclopropene	40	C3H4	002781-85-3	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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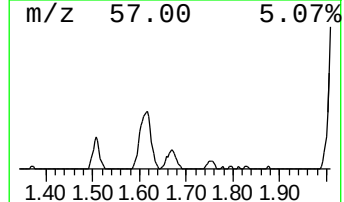
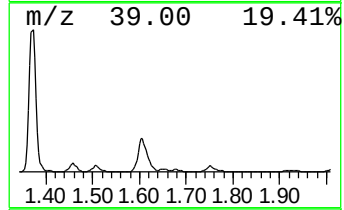
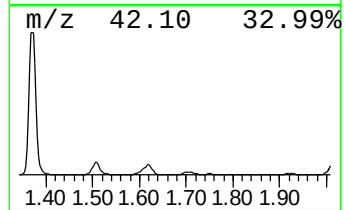
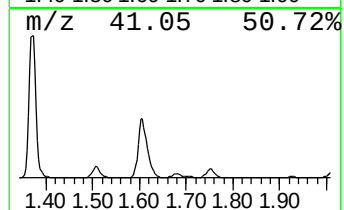
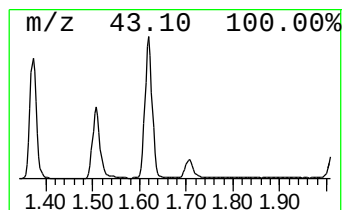
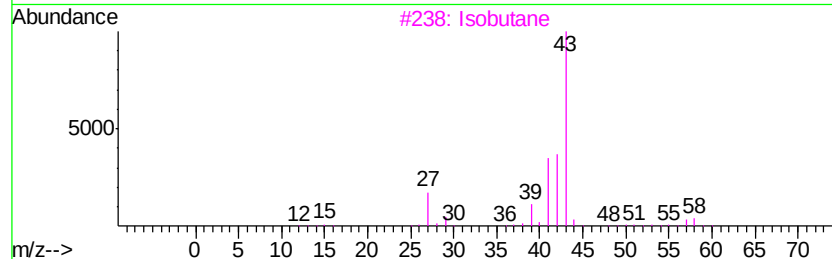
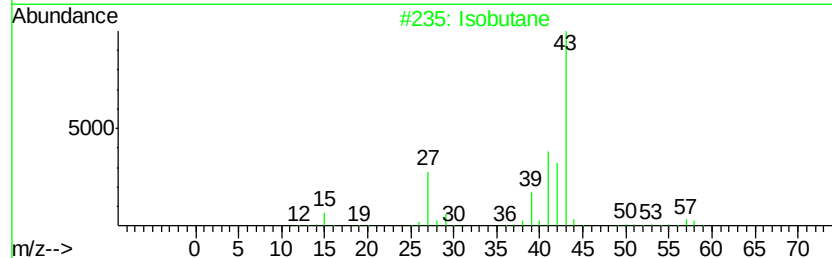
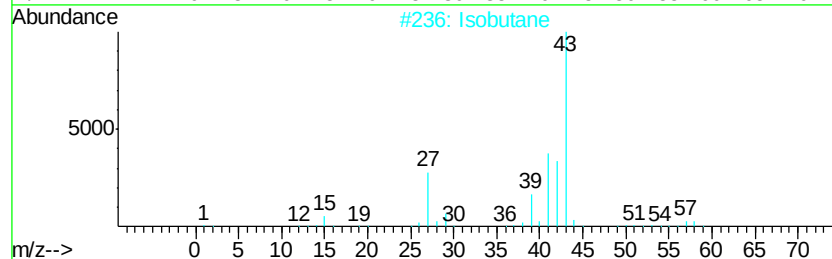
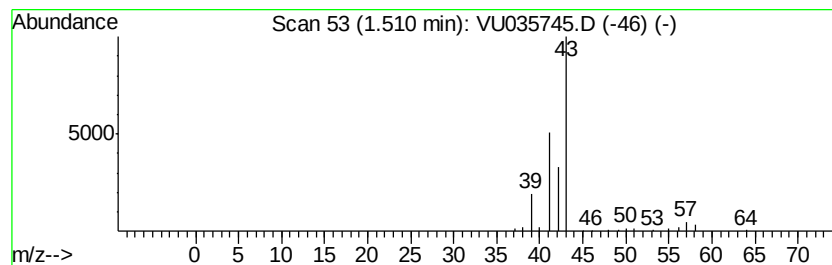
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.51	0.97 ug/L	94686	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	45
4		Isobutane	58	C4H10	000075-28-5	45
5		1-Butene	56	C4H8	000106-98-9	4



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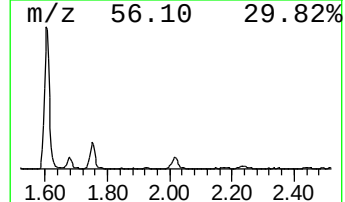
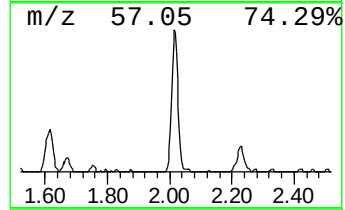
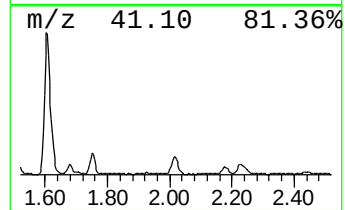
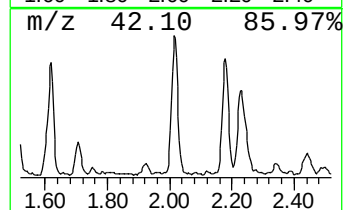
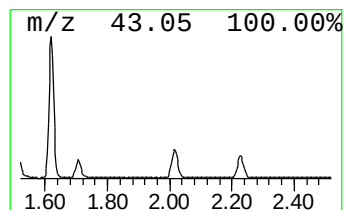
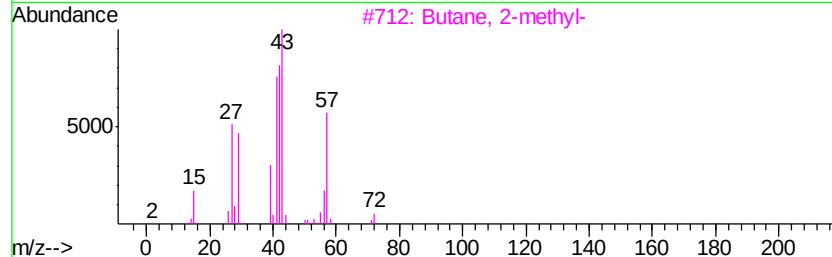
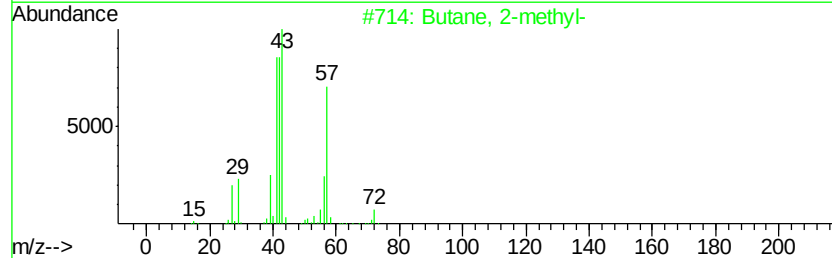
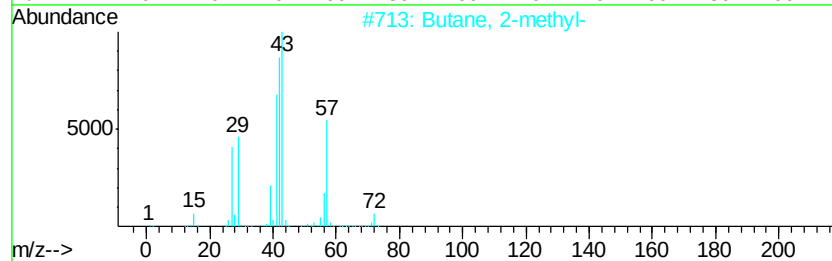
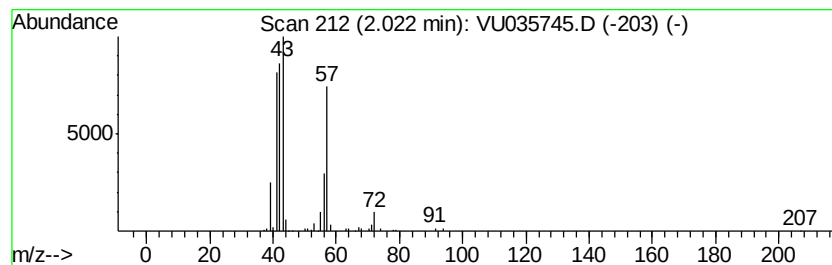
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	0.72 ug/L	69916	1,4-Difluorobenzene	6.29

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	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Pentane	72	C5H12	000109-66-0	50
5		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	42



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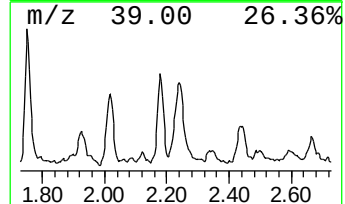
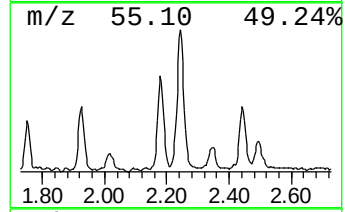
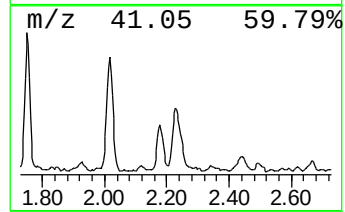
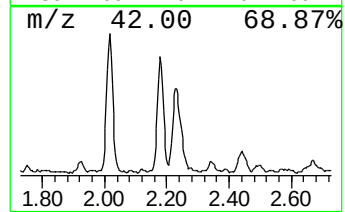
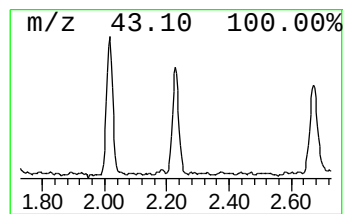
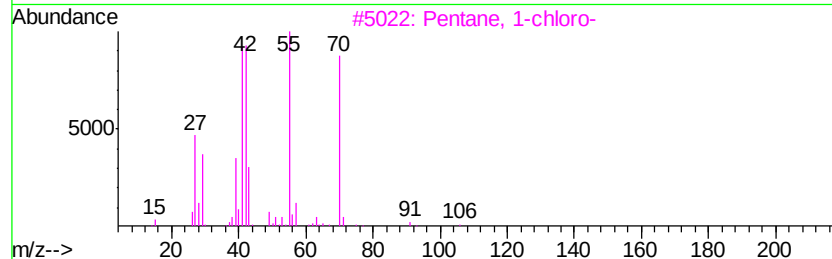
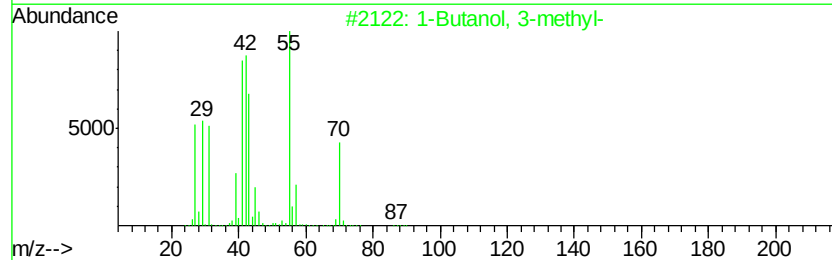
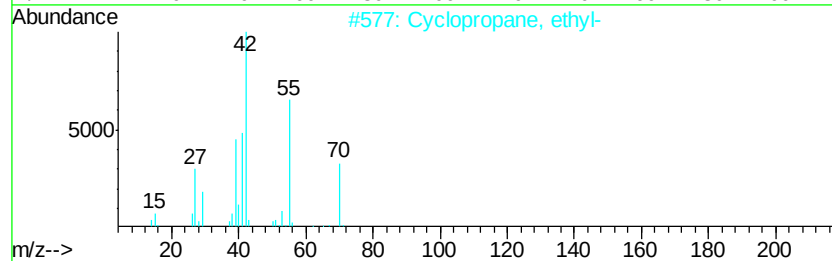
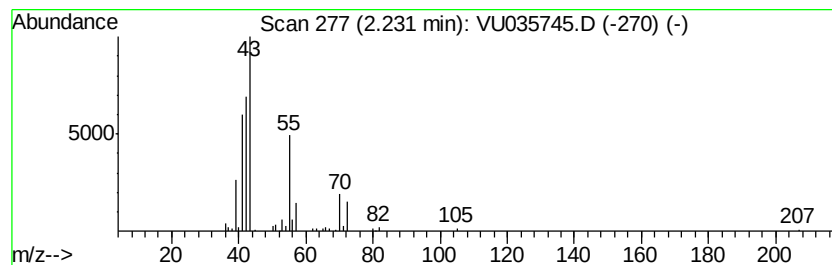
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic2.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	0.78 ug/L	76168	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
2		1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	50
3		Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	47
4		Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	47
5		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.37	6.5	ug/L	636587	1	6.29	486613	5.0
(DEL) Alkane: Str...	1.51	1.0	ug/L	94686	1	6.29	486613	5.0
(DEL) Alkane: Str...	2.02	0.7	ug/L	69916	1	6.29	486613	5.0
(DEL) Alkane: Cyc...	2.23	0.8	ug/L	76168	1	6.29	486613	5.0