

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035241.D
 Acq On : 18 Oct 2019 04:06
 Operator : JC/SP
 Sample : K5419-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G59

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\SOMUTR101719WMA.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	21	rBV	330390	326806	26.26%	2.642%
2	1.507	45	52	67	rVB	61359	72238	5.81%	0.584%
3	1.617	75	86	99	rBV2	508166	653352	52.51%	5.282%
4	1.678	101	105	113	rVB3	12537	14445	1.16%	0.117%
5	1.935	176	185	201	rVB	138075	190629	15.32%	1.541%
6	2.015	202	210	219	rVB	79136	105596	8.49%	0.854%
7	2.228	267	276	291	rVB3	115830	207933	16.71%	1.681%
8	2.495	352	359	372	rVB3	23475	37609	3.02%	0.304%
9	2.597	380	391	405	rBV	243068	403803	32.45%	3.264%
10	3.112	543	551	560	rVV3	18044	31794	2.56%	0.257%
11	3.167	562	568	587	rVB3	14080	31817	2.56%	0.257%
12	3.395	621	639	657	rBV2	44277	96288	7.74%	0.778%
13	3.610	691	706	725	rVB3	14351	34027	2.73%	0.275%
14	3.736	732	745	763	rVB2	25230	56074	4.51%	0.453%
15	3.874	776	788	798	rBV7	6295	16082	1.29%	0.130%
16	4.022	825	834	847	rVB5	8393	19579	1.57%	0.158%
17	4.138	855	870	884	rBV7	5502	13122	1.05%	0.106%
18	4.382	932	946	963	rVB5	10673	25486	2.05%	0.206%
19	4.575	993	1006	1017	rBV4	6170	14859	1.19%	0.120%
20	4.710	1034	1048	1087	rVV	198715	527121	42.36%	4.261%
21	5.115	1159	1174	1198	rBV	208590	482630	38.79%	3.902%
22	5.221	1199	1207	1218	rVB2	9473	18480	1.49%	0.149%
23	5.343	1235	1245	1256	rVB9	6607	15500	1.25%	0.125%
24	5.414	1256	1267	1280	rBV8	6731	16499	1.33%	0.133%
25	5.633	1321	1335	1346	rBV3	13479	29297	2.35%	0.237%
26	5.771	1359	1378	1408	rBV2	449939	1162127	93.40%	9.395%
27	6.009	1443	1452	1465	rVB4	10861	23725	1.91%	0.192%
28	6.173	1492	1503	1512	rVB8	8142	15112	1.21%	0.122%
29	6.292	1526	1540	1579	rBV	396229	860249	69.13%	6.955%
30	6.498	1595	1604	1614	rVV9	7397	15862	1.27%	0.128%
31	6.588	1615	1632	1650	rVB10	18939	56725	4.56%	0.459%
32	6.736	1663	1678	1706	rBV	274826	569070	45.73%	4.601%
33	7.298	1840	1853	1865	rVB9	8929	20421	1.64%	0.165%
34	7.420	1882	1891	1903	rVB6	8810	18160	1.46%	0.147%

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35	7.607	1933	1949	1969	rBV	141099	282928	22.74%	2.287%
36	7.935	2028	2051	2084	rBV	554505	1062920	85.42%	8.593%
37	8.073	2084	2094	2106	rVB6	9342	22540	1.81%	0.182%
38	8.218	2127	2139	2151	rBV	81661	152689	12.27%	1.234%
39	8.398	2186	2195	2201	rBV5	7049	12870	1.03%	0.104%
40	8.443	2201	2209	2225	rVB2	18271	33254	2.67%	0.269%
41	8.697	2272	2288	2321	rBV	360177	1244309	100.00%	10.059%
42	9.105	2401	2415	2430	rVB	10293	24435	1.96%	0.198%
43	9.453	2506	2523	2548	rBV	510412	991202	79.66%	8.013%
44	9.600	2563	2569	2585	rVB3	13360	28138	2.26%	0.227%
45	9.723	2598	2607	2620	rVB7	14013	31726	2.55%	0.256%
46	10.790	2927	2939	2964	rVB	198899	360986	29.01%	2.918%
47	11.845	3252	3267	3287	rBV	422326	806445	64.81%	6.520%
48	12.224	3372	3385	3403	rBV	437590	794635	63.86%	6.424%
49	12.655	3510	3519	3529	rBV9	7855	14661	1.18%	0.119%
50	12.787	3553	3560	3569	rVB3	8265	12480	1.00%	0.101%
51	13.353	3726	3736	3745	rVB2	13812	21141	1.70%	0.171%
52	13.909	3900	3909	3918	rVB3	13742	23318	1.87%	0.189%
53	14.218	3995	4005	4016	rVB4	22112	37896	3.05%	0.306%
54	14.311	4023	4034	4046	rVB3	29919	50007	4.02%	0.404%
55	14.719	4156	4161	4171	rVB3	12046	18323	1.47%	0.148%
56	14.832	4188	4196	4206	rVB5	17861	29832	2.40%	0.241%
57	14.906	4209	4219	4231	rVV8	16546	32983	2.65%	0.267%
58	15.224	4311	4318	4322	rBV7	8975	13780	1.11%	0.111%
59	15.298	4333	4341	4351	rVB4	26062	40279	3.24%	0.326%
60	15.446	4375	4387	4398	rBV4	13152	29102	2.34%	0.235%
61	16.037	4567	4571	4582	rVB9	9998	14235	1.14%	0.115%

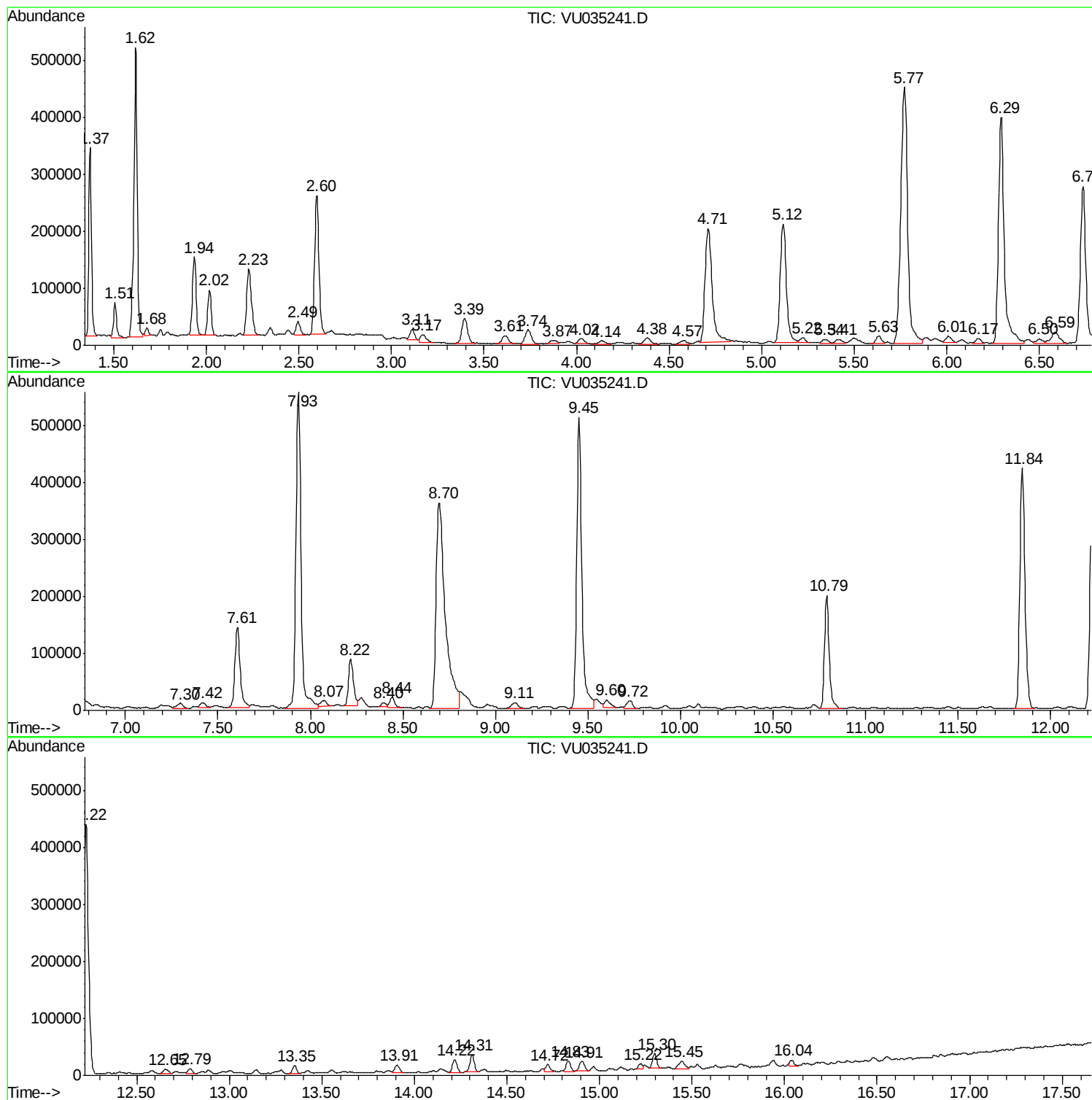
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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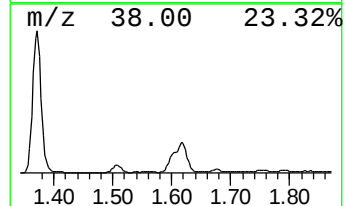
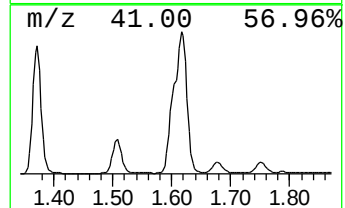
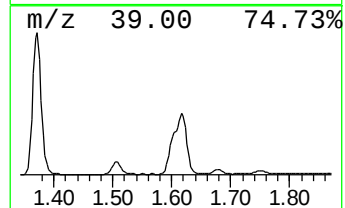
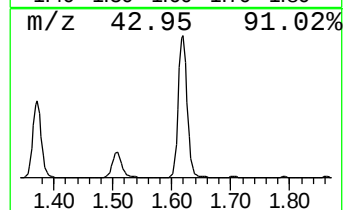
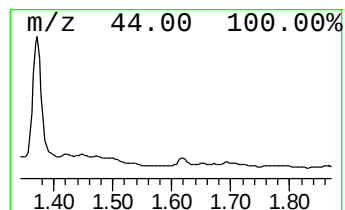
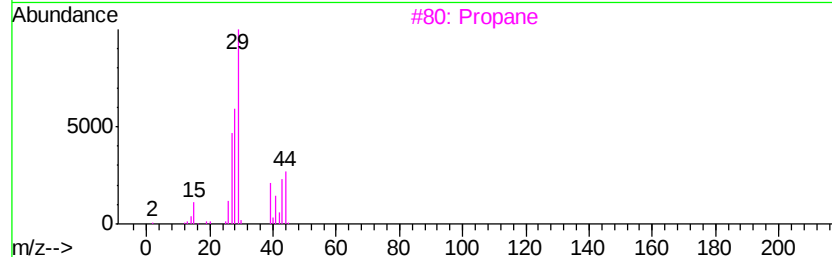
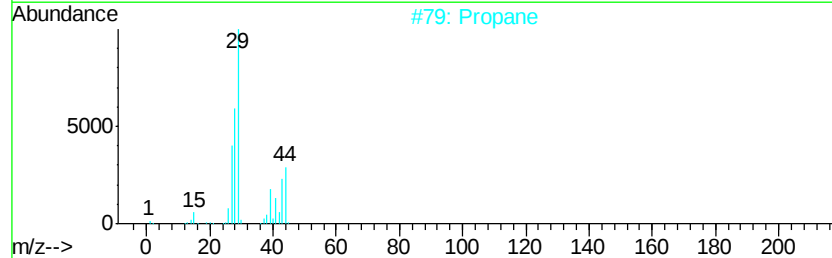
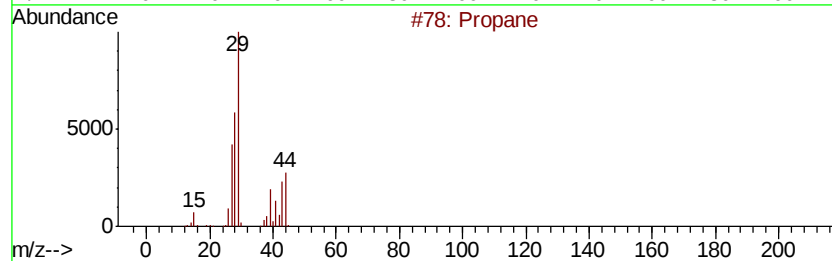
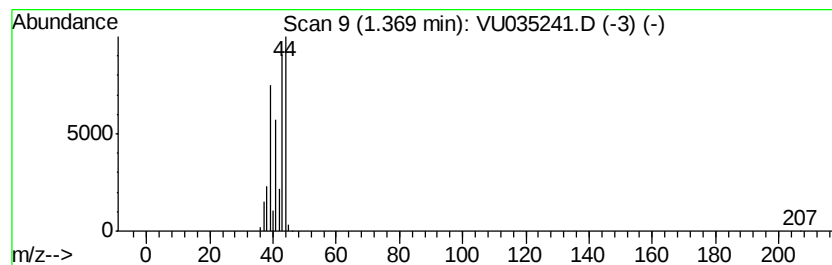
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.37	1.90 ug/L	326806	1,4-Difluorobenzene	6.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	90
2		Propane	44	C3H8	000074-98-6	83
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Acetaldehyde	44	C2H4O	000075-07-0	5



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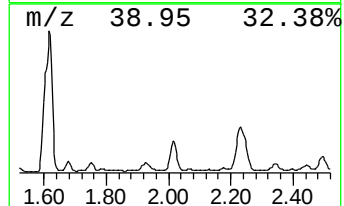
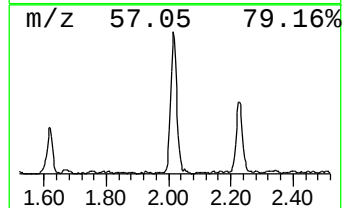
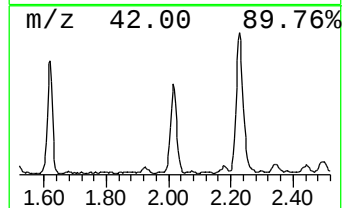
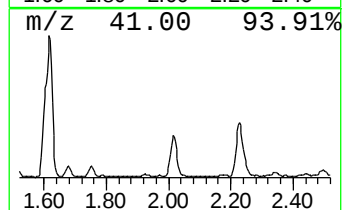
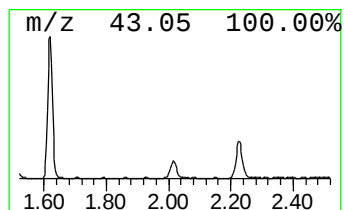
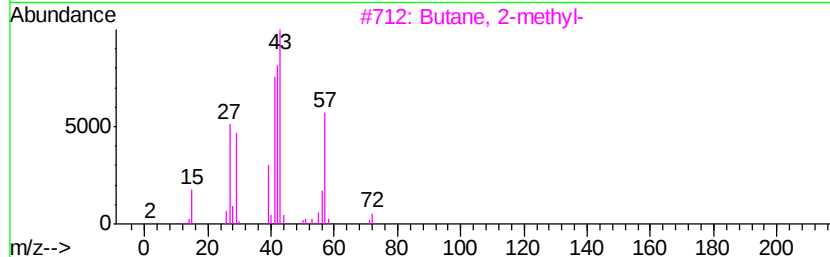
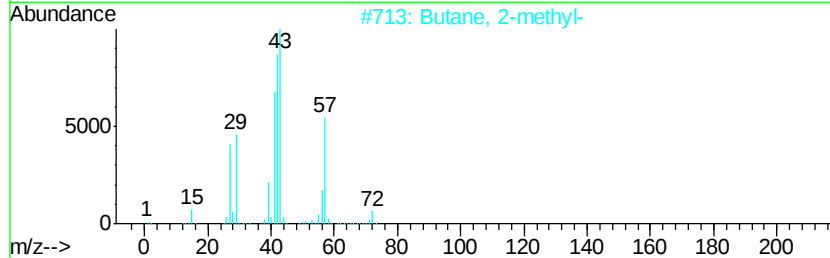
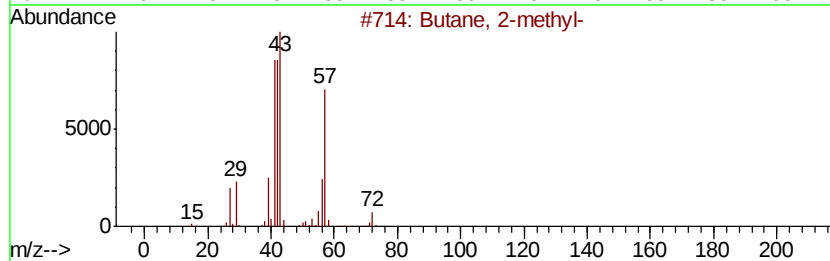
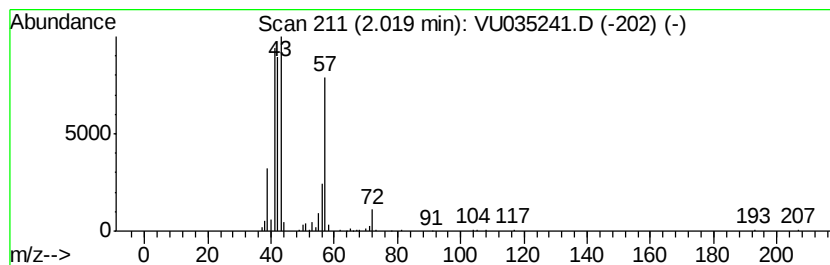
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	0.61 ug/L	105596	1,4-Difluorobenzene	6.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Isobutylene epoxide	72	C4H8O	000558-30-5	40
5		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	33



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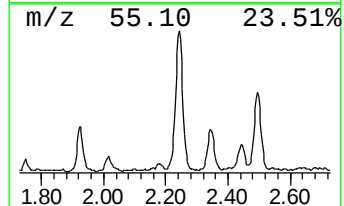
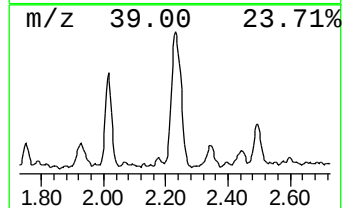
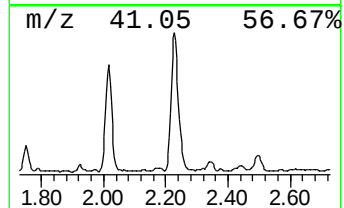
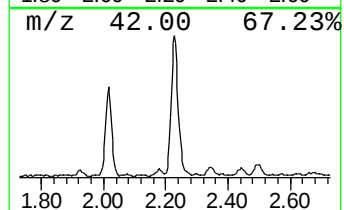
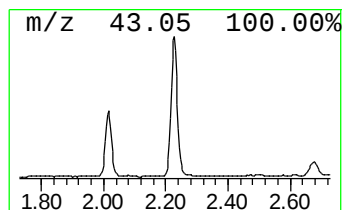
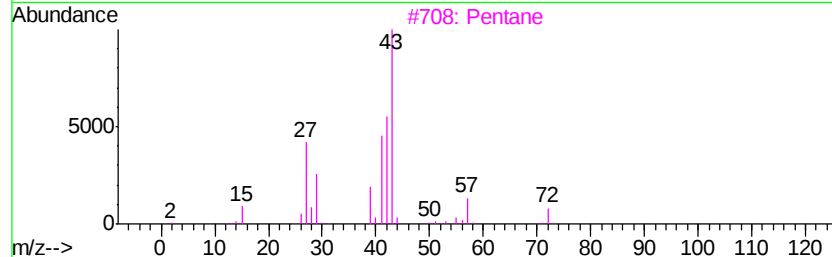
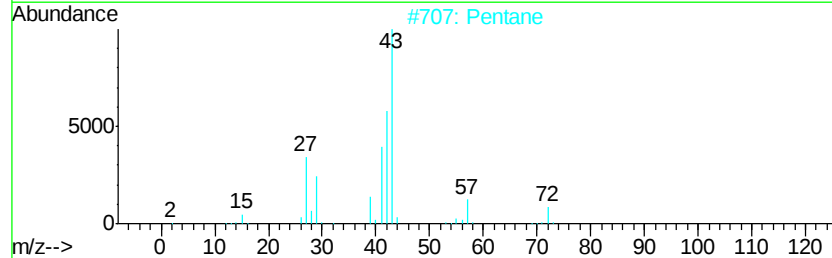
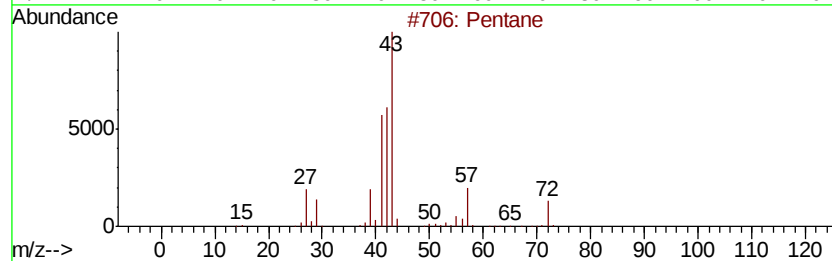
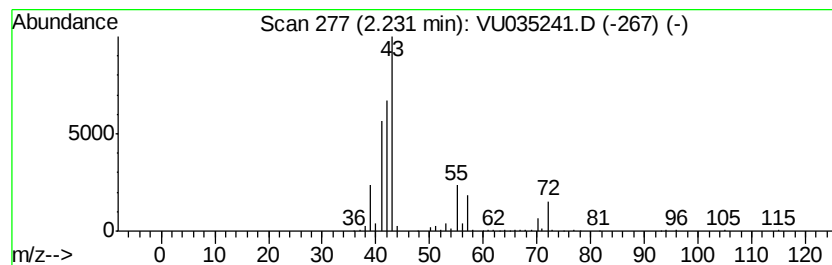
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	1.21 ug/L	207933	1,4-Difluorobenzene	6.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	83
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	80
4		Oxirane, ethyl-	72	C4H8O	000106-88-7	50
5		Butane, 2-methyl-	72	C5H12	000078-78-4	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	1.9	ug/L	326806	1	6.30	860249	5.0
(DEL) Alkane: Str...	2.02	0.6	ug/L	105596	1	6.30	860249	5.0
(DEL) Alkane: Str...	2.23	1.2	ug/L	207933	1	6.30	860249	5.0