

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021619\
 Data File : VU029502.D
 Acq On : 15 Feb 2019 17:44
 Operator : JC/SP
 Sample : K1438-11DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC4DL

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\SOMUTR021219WMA.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	1.183	22	29	46	rVB	1346557	1234879	100.00%	13.812%
2	1.299	55	65	85	rBV	292154	299999	24.29%	3.355%
3	1.399	88	96	107	rBV2	418620	439889	35.62%	4.920%
4	1.682	177	184	198	rVB	99608	124553	10.09%	1.393%
5	1.756	199	207	223	rVB	125634	164989	13.36%	1.845%
6	1.945	258	266	276	rVB	77020	101117	8.19%	1.131%
7	2.273	358	368	382	rBV	207996	314270	25.45%	3.515%
8	2.701	493	501	508	rBV	14316	26160	2.12%	0.293%
9	2.785	523	527	538	rVB4	11291	18758	1.52%	0.210%
10	2.984	582	589	601	rVB6	12100	25619	2.07%	0.287%
11	4.083	915	931	954	rVB5	12694	35693	2.89%	0.399%
12	4.219	954	973	1001	rBV2	193750	563777	45.65%	6.306%
13	4.646	1086	1106	1132	rBV	111625	271568	21.99%	3.037%
14	4.987	1198	1212	1228	rVB4	8995	21544	1.74%	0.241%
15	5.334	1299	1320	1339	rBV2	240695	643939	52.15%	7.202%
16	5.884	1477	1491	1509	rBV	259664	511745	41.44%	5.724%
17	6.331	1616	1630	1643	rBV	150552	303314	24.56%	3.393%
18	6.408	1646	1654	1667	rVB6	18396	38549	3.12%	0.431%
19	7.228	1896	1909	1934	rBV	85497	159088	12.88%	1.779%
20	7.562	1994	2013	2030	rBV	357607	625684	50.67%	6.998%
21	7.849	2091	2102	2118	rBV	51690	92162	7.46%	1.031%
22	8.315	2235	2247	2274	rBV	419865	744017	60.25%	8.322%
23	9.086	2475	2487	2506	rBV	389587	650524	52.68%	7.276%
24	10.431	2891	2905	2920	rBV2	132545	213739	17.31%	2.391%
25	10.607	2949	2960	2972	rBV2	7921	14461	1.17%	0.162%
26	11.482	3219	3232	3260	rBV	424265	682085	55.23%	7.629%
27	11.858	3337	3349	3373	rBV	362208	601268	48.69%	6.725%
28	14.276	4092	4101	4114	rVB	10836	17233	1.40%	0.193%

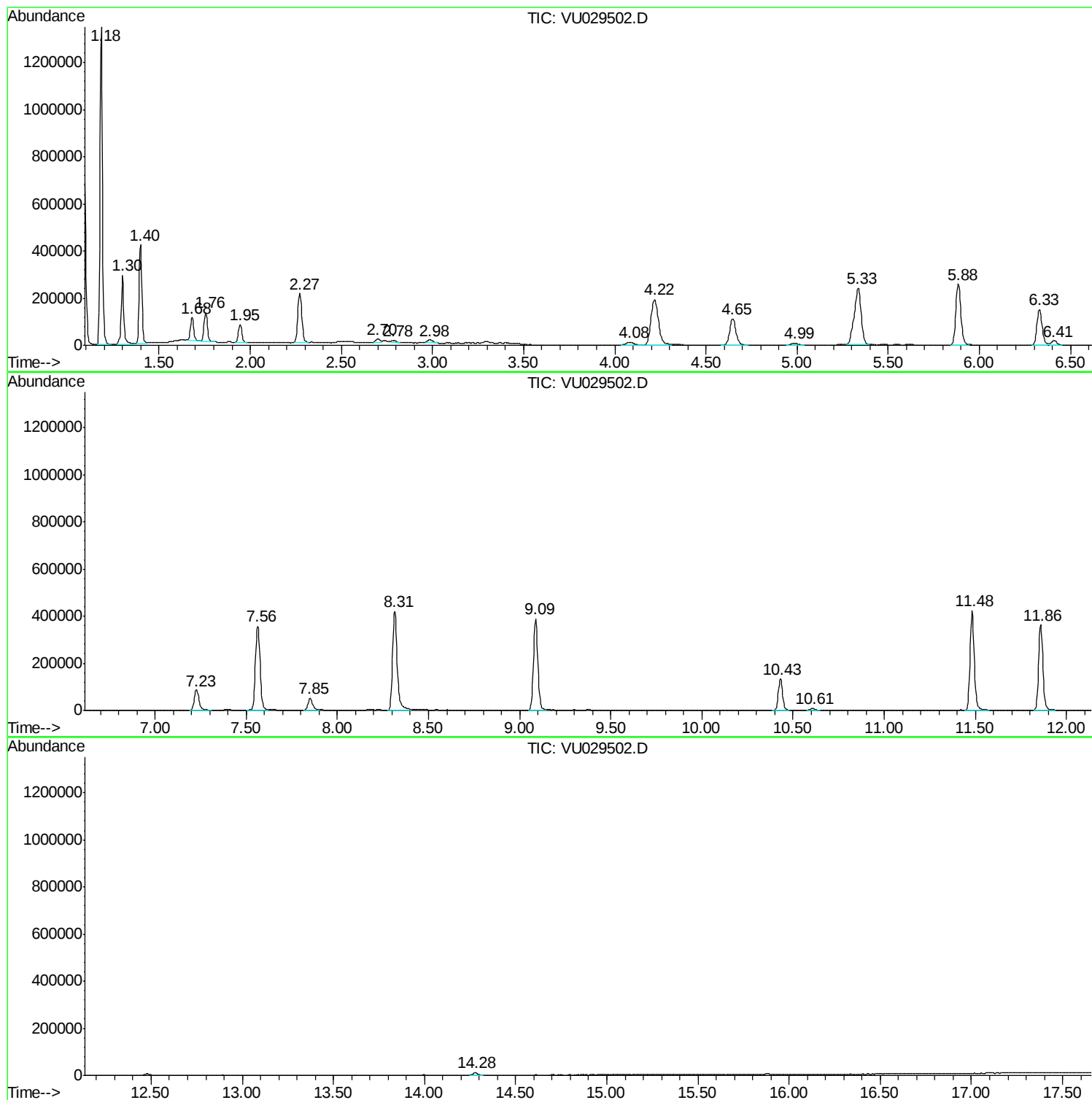
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

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



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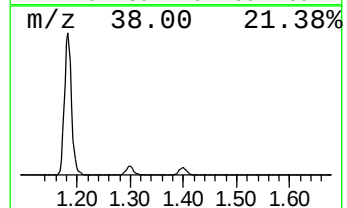
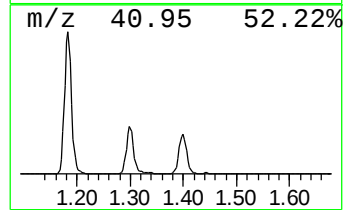
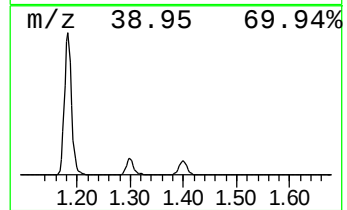
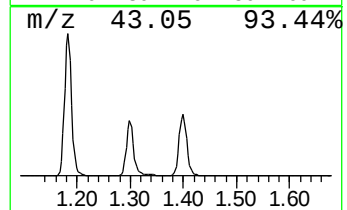
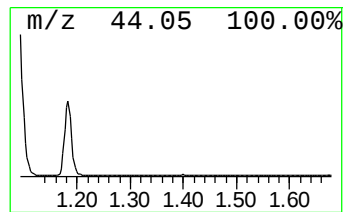
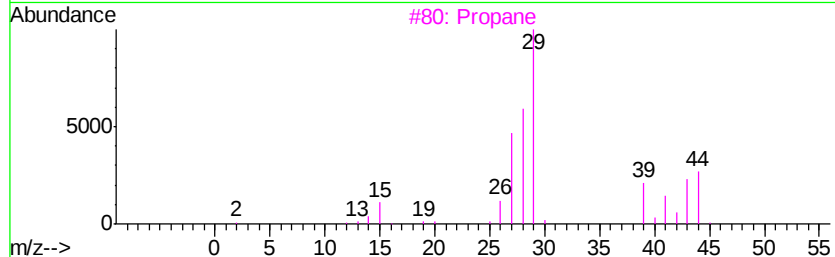
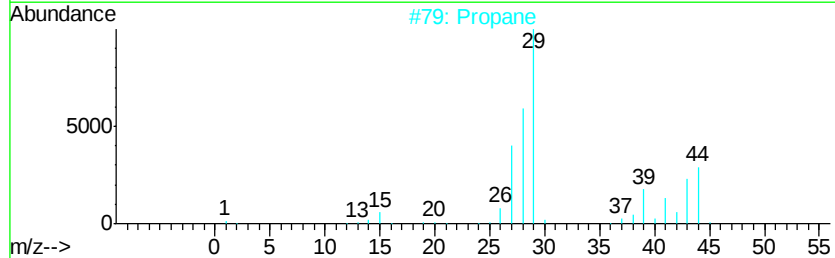
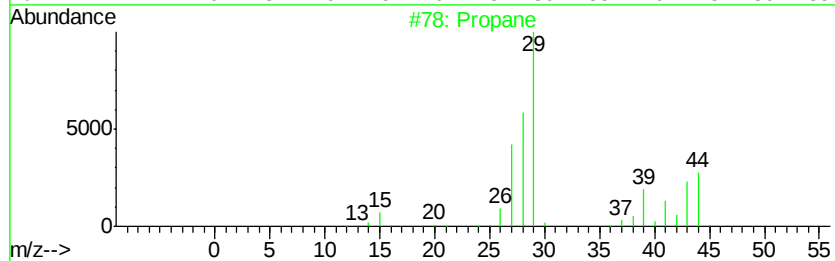
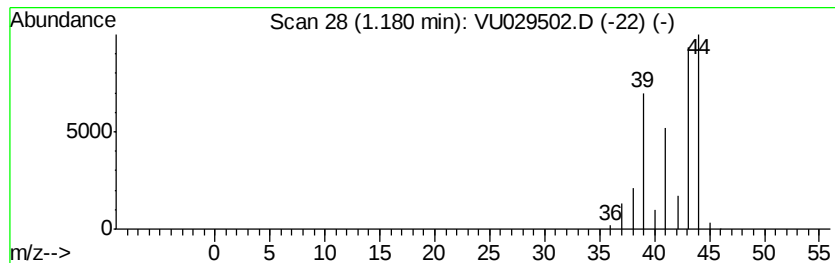
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	12.07 ug/L	1234880	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	83
2		Propane	44	C3H8	000074-98-6	45
3		Propane	44	C3H8	000074-98-6	9
4		Propene	42	C3H6	000115-07-1	9
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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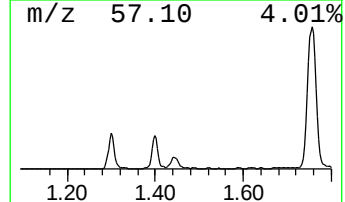
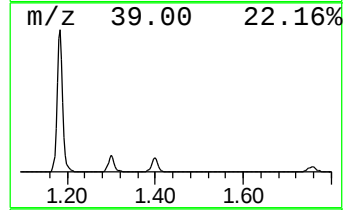
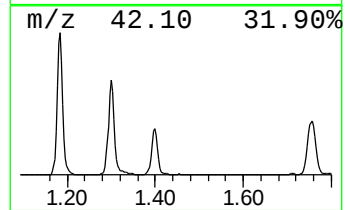
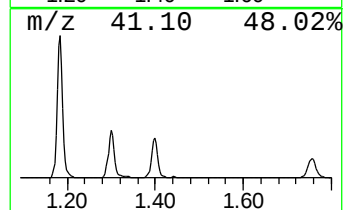
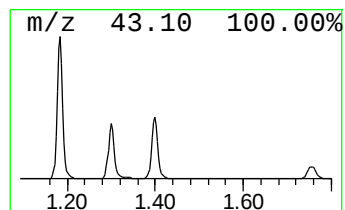
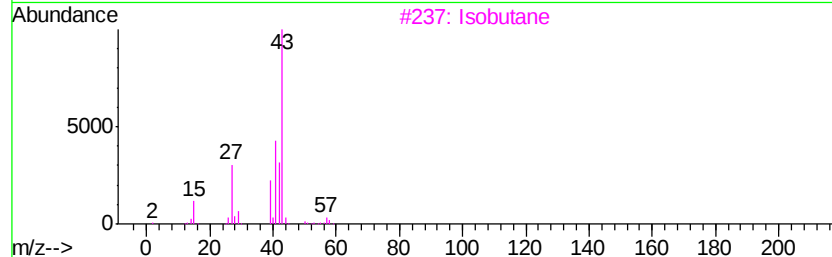
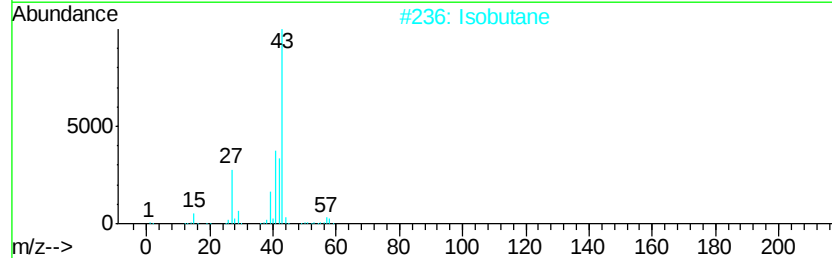
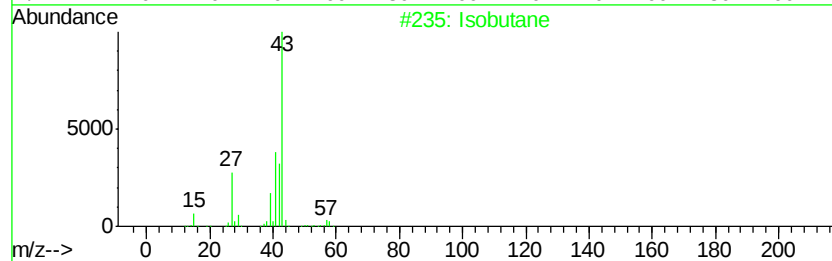
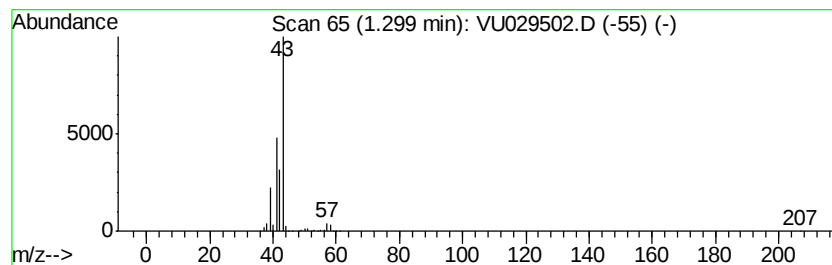
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	2.93 ug/L	299999	1,4-Difluorobenzene	5.88

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	64
4		Isobutane	58	C4H10	000075-28-5	53
5		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	4



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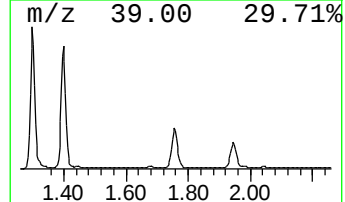
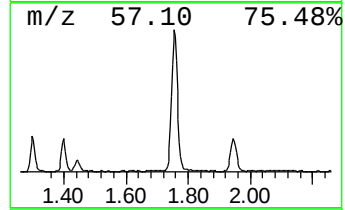
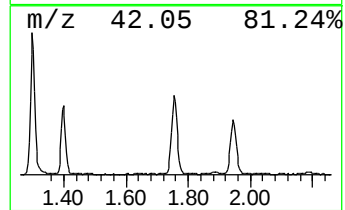
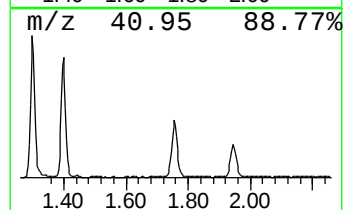
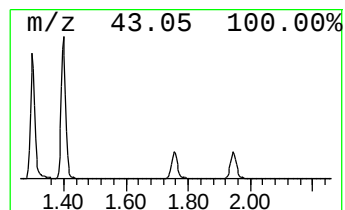
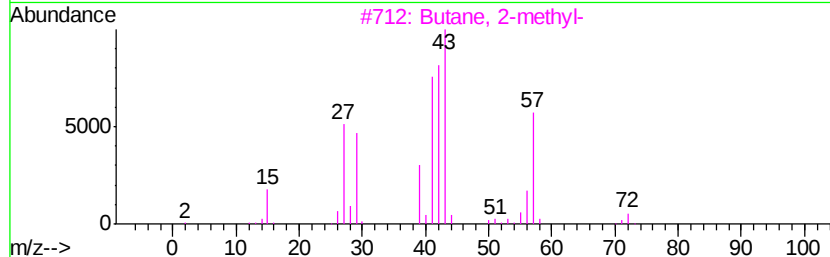
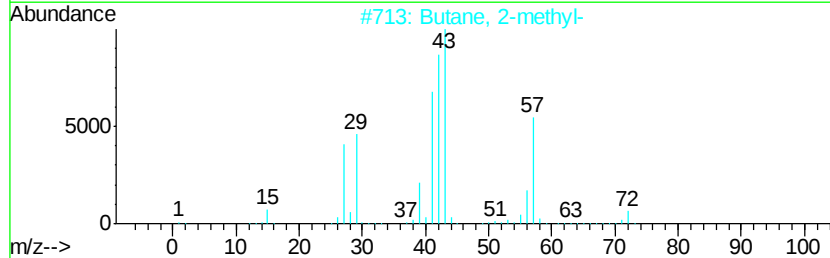
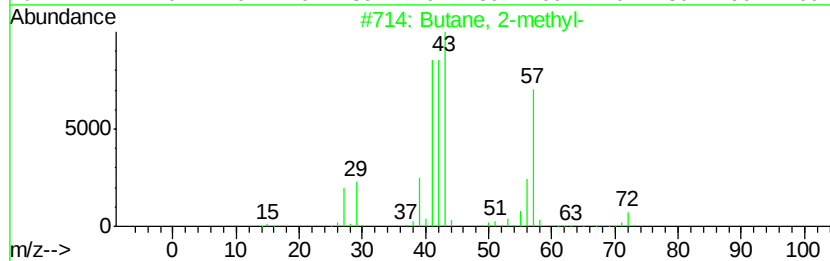
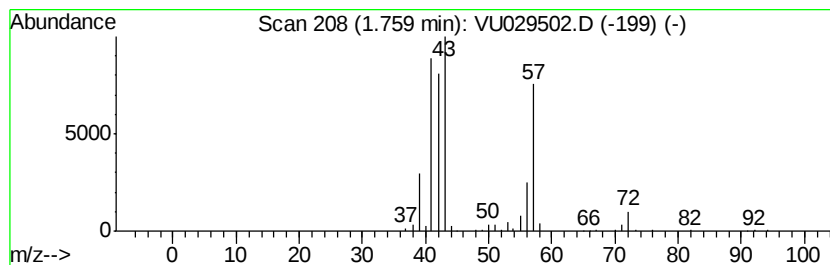
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	1.61 ug/L	164989	1,4-Difluorobenzene	5.88

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	91
3			Butane, 2-methyl-	72	C5H12	000078-78-4	86
4			3-Buten-1-ol	72	C4H8O	000627-27-0	37
5			Pentane	72	C5H12	000109-66-0	28



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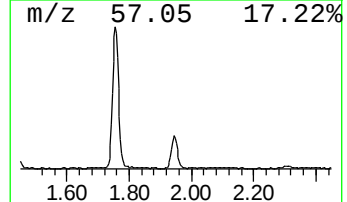
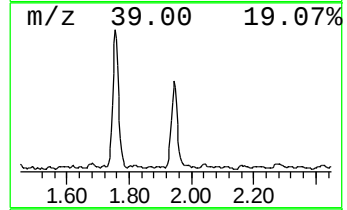
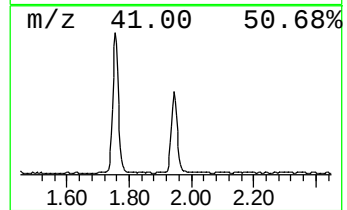
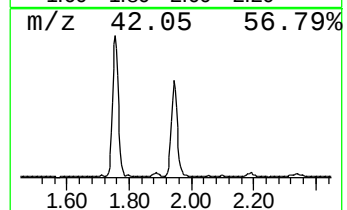
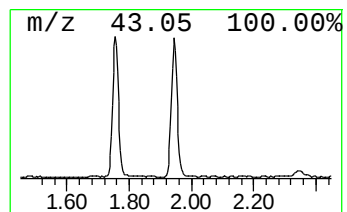
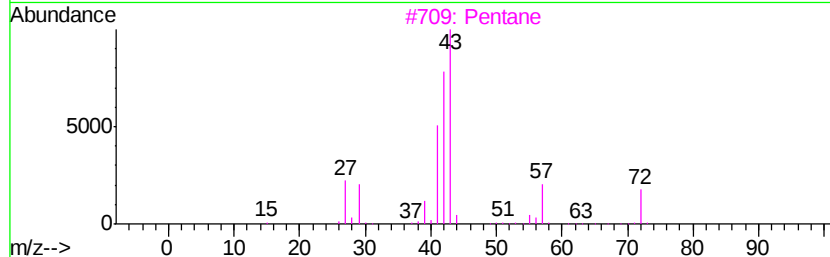
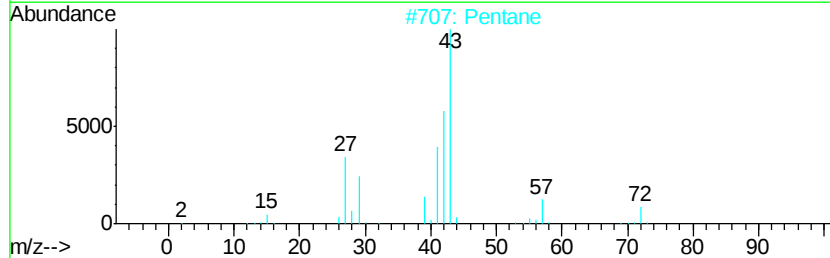
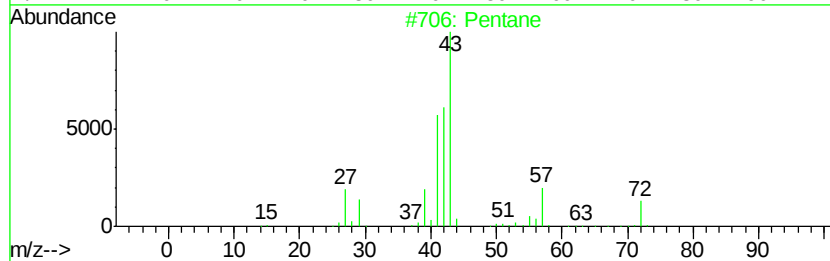
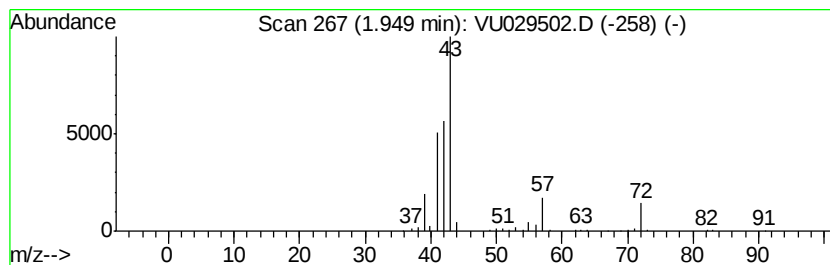
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	0.99 ug/L	101117	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	91
2	Pentane		72	C5H12	000109-66-0	90
3	Pentane		72	C5H12	000109-66-0	90
4	Pentane		72	C5H12	000109-66-0	86
5	Oxirane, ethyl-		72	C4H8O	000106-88-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.18	12.1	ug/L	1234880	1	5.88	511745	5.0
(DEL) Alkane: Str...	1.30	2.9	ug/L	299999	1	5.88	511745	5.0
(DEL) Alkane: Str...	1.76	1.6	ug/L	164989	1	5.88	511745	5.0
(DEL) Alkane: Str...	1.95	1.0	ug/L	101117	1	5.88	511745	5.0