

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014132.D
 Acq On : 19 Dec 2019 16:12
 Operator : SY/MD
 Sample : K6286-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDY0

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_V\METHOD\SOMVTR112219WMA.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	1.116	3	8	23	rVB	1504539	1368566	82.40%	8.813%
2	1.190	27	31	37	rVV	18489	17304	1.04%	0.111%
3	1.229	37	43	50	rVB	134337	123392	7.43%	0.795%
4	1.319	62	71	83	rBV2	655746	924462	55.66%	5.953%
5	1.396	91	95	99	rVB	20545	16774	1.01%	0.108%
6	1.431	100	106	112	rBV	43831	43777	2.64%	0.282%
7	1.582	145	153	166	rVB2	180910	215899	13.00%	1.390%
8	1.650	167	174	182	rVB	98057	118185	7.12%	0.761%
9	1.785	209	216	222	rBV	130343	154830	9.32%	0.997%
10	1.827	222	229	245	rVB3	126251	193618	11.66%	1.247%
11	2.003	274	284	292	rBV	26937	36518	2.20%	0.235%
12	2.132	313	324	334	rBV2	255188	385012	23.18%	2.479%
13	2.187	336	341	351	rVB	23851	34162	2.06%	0.220%
14	2.473	415	430	441	rBV7	20870	52486	3.16%	0.338%
15	2.560	448	457	466	rVB2	16407	28532	1.72%	0.184%
16	2.794	518	530	543	rVB3	32842	64959	3.91%	0.418%
17	2.987	579	590	602	rVB2	33514	69633	4.19%	0.448%
18	3.074	607	617	632	rVB3	25341	55229	3.33%	0.356%
19	3.926	870	882	888	rBV	196797	455122	27.40%	2.931%
20	4.396	1010	1028	1049	rBV	231262	567507	34.17%	3.655%
21	5.093	1227	1245	1276	rBV2	454397	1172943	70.62%	7.553%
22	5.662	1406	1422	1450	rBV	528150	1076850	64.83%	6.935%
23	5.955	1500	1513	1539	rBV	859900	1660964	100.00%	10.696%
24	6.113	1548	1562	1592	rVB	281862	582892	35.09%	3.754%
25	7.026	1831	1846	1863	rBV	117981	224969	13.54%	1.449%
26	7.357	1937	1949	1966	rBV	451739	783714	47.18%	5.047%
27	7.662	2033	2044	2058	rBV2	75788	134336	8.09%	0.865%
28	8.016	2146	2154	2161	rBV3	15301	23462	1.41%	0.151%
29	8.129	2176	2189	2222	rBV	536413	1257504	75.71%	8.098%
30	8.283	2230	2237	2251	rVB8	15067	29015	1.75%	0.187%
31	8.891	2413	2426	2447	rBV	786620	1287460	77.51%	8.291%
32	10.254	2839	2850	2873	rBV2	239105	392318	23.62%	2.526%
33	11.289	3161	3172	3191	rBV	717975	1127136	67.86%	7.259%
34	11.665	3276	3289	3304	rBV	502585	808260	48.66%	5.205%

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ClientSampleId :
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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_V\METHOD\SOMVTR112219WMA.M
Title : TRACE VOA SOM01.0

35	12.392	3504	3515	3530	rBV	20525	40695	2.45%	0.262%
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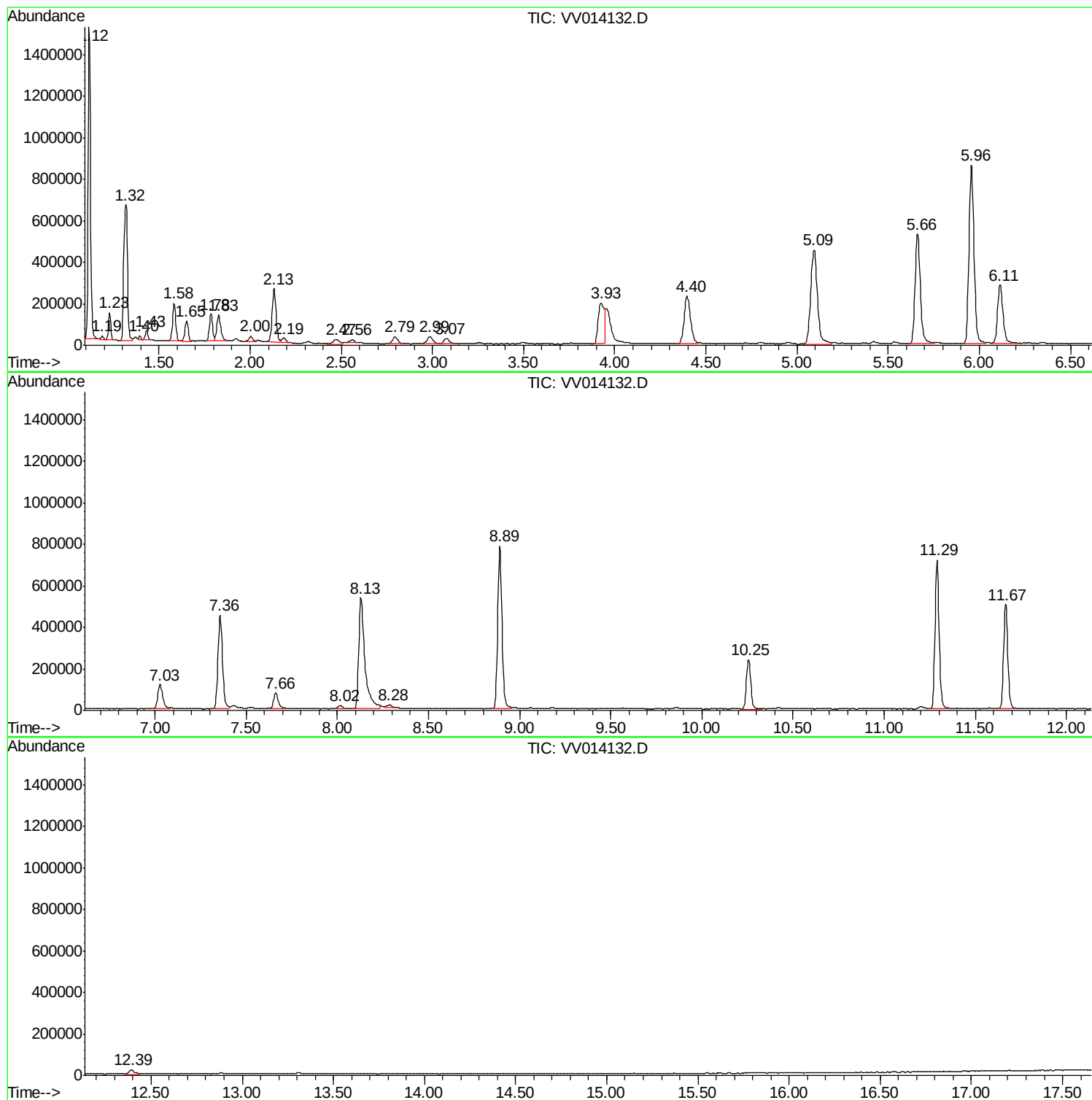
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Quant Title : TRACE VOA SOM01.0

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



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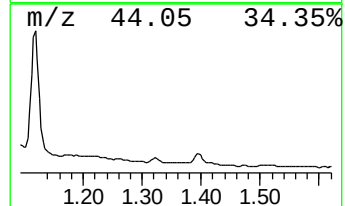
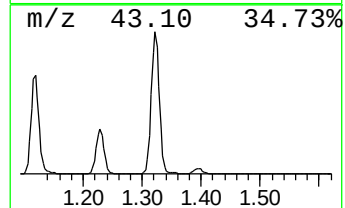
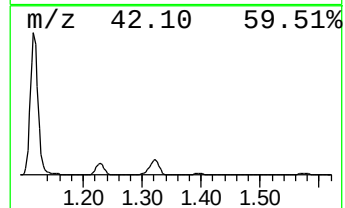
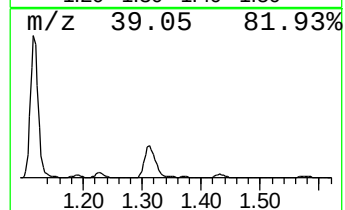
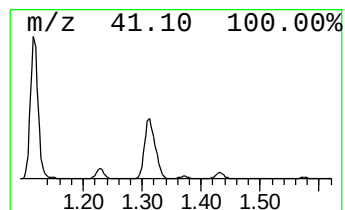
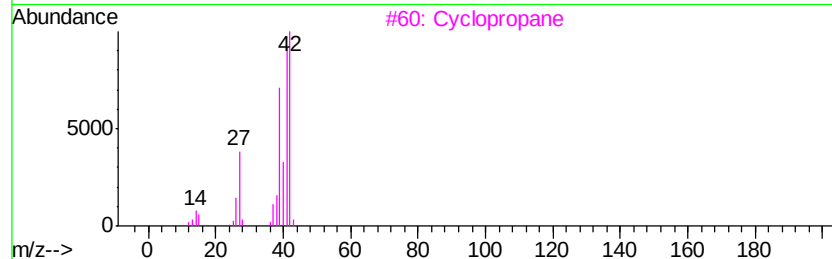
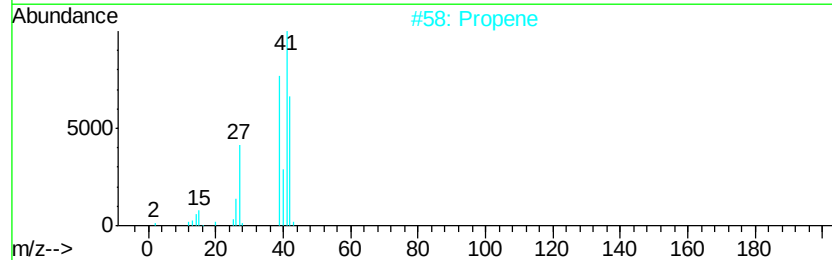
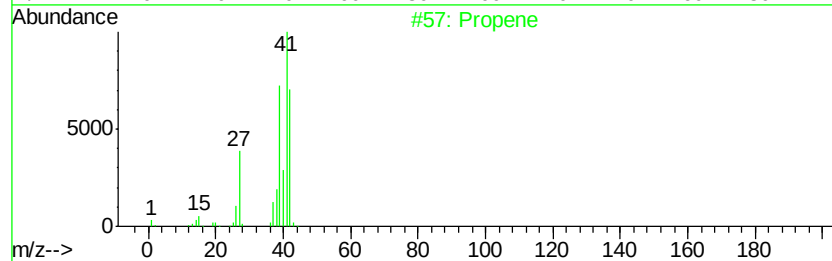
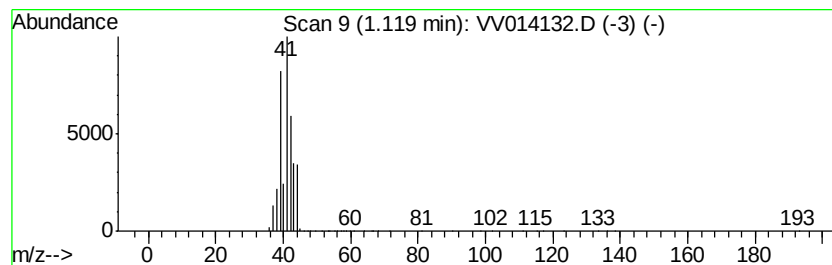
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	6.35 ug/L	1368570	1,4-Difluorobenzene	5.66

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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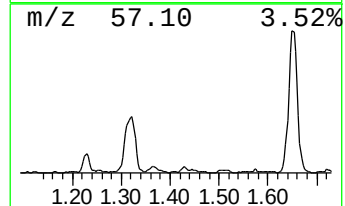
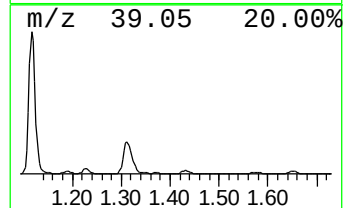
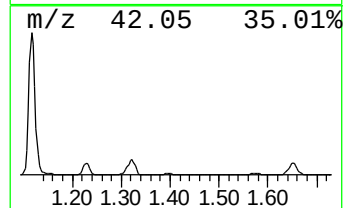
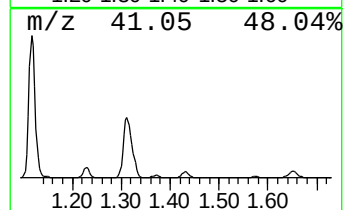
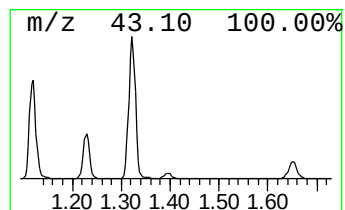
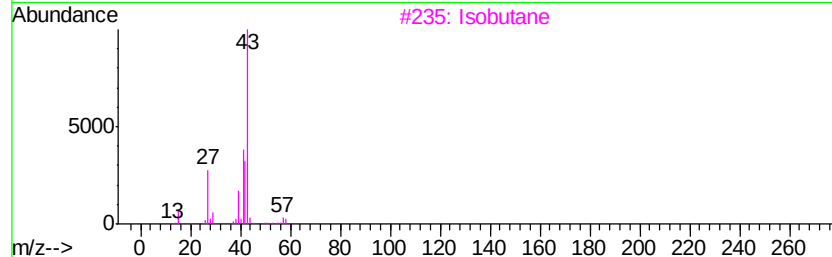
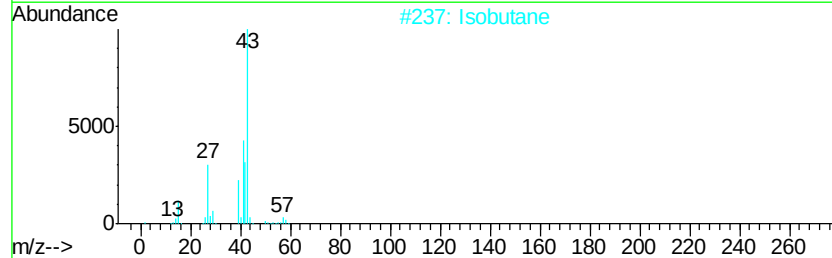
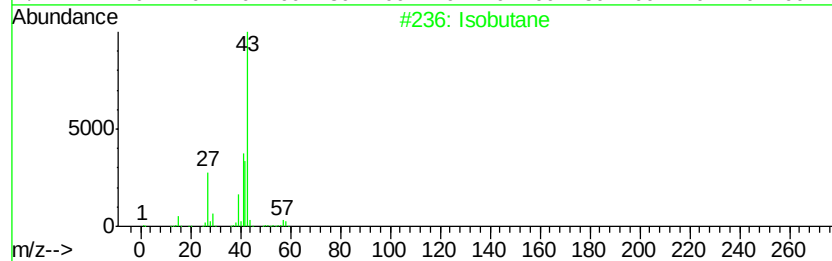
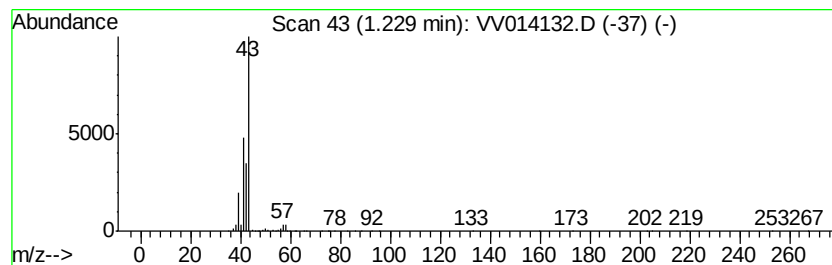
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.57 ug/L	123392	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	59
3		Isobutane	58	C4H10	000075-28-5	59
4		Isobutane	58	C4H10	000075-28-5	53
5		Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	38



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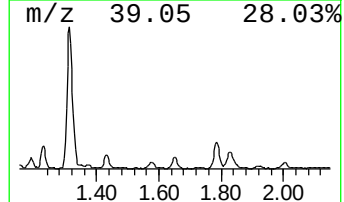
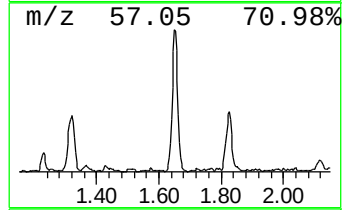
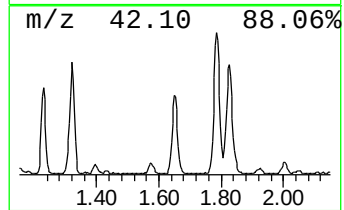
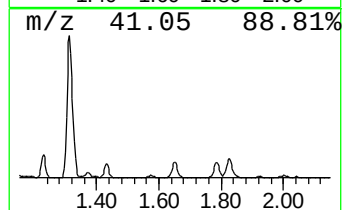
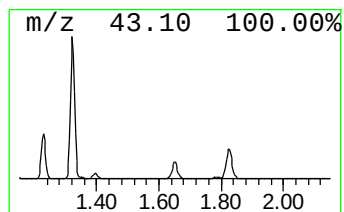
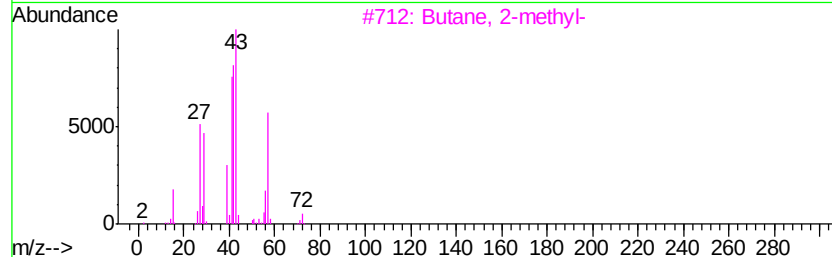
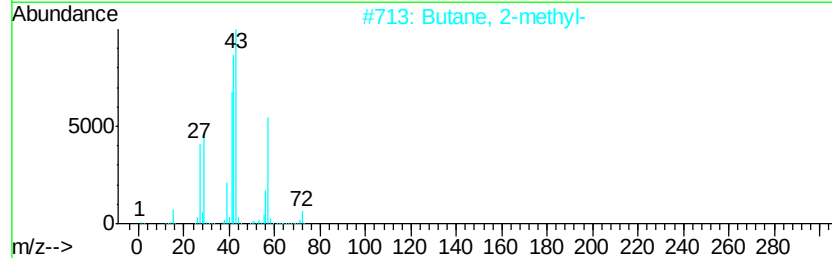
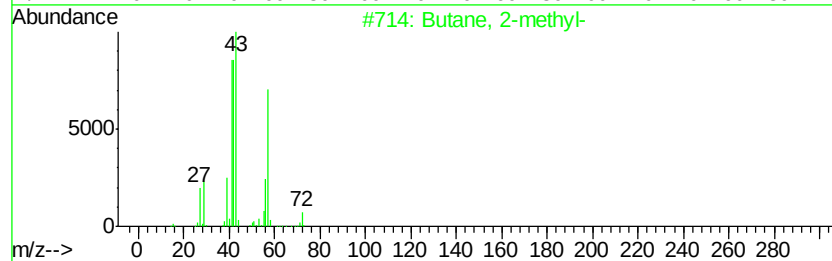
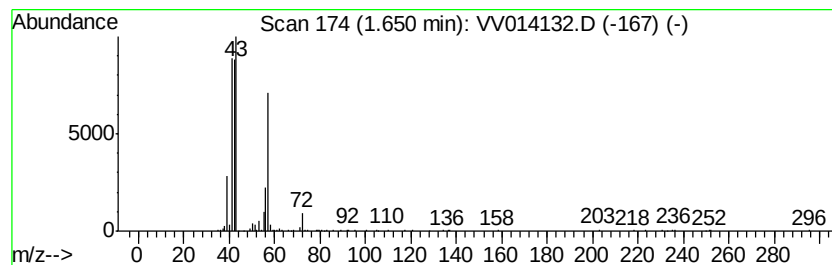
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	0.55 ug/L	118185	1,4-Difluorobenzene	5.66

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	90
4		3-Buten-1-ol	72	C4H8O	000627-27-0	43
5		Pentane	72	C5H12	000109-66-0	33



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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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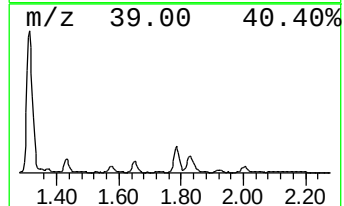
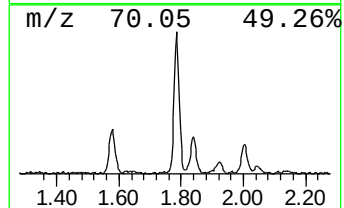
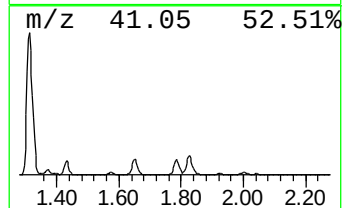
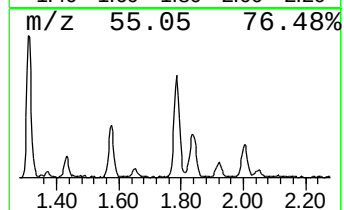
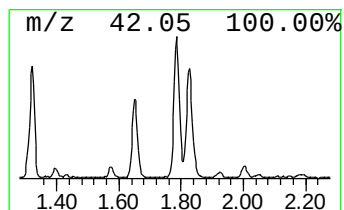
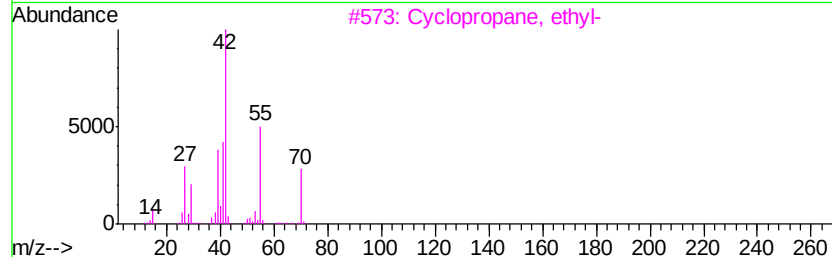
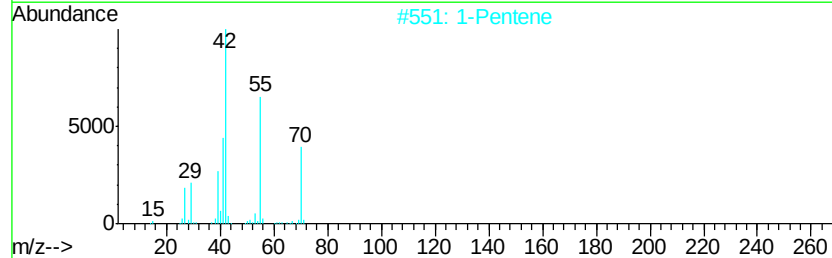
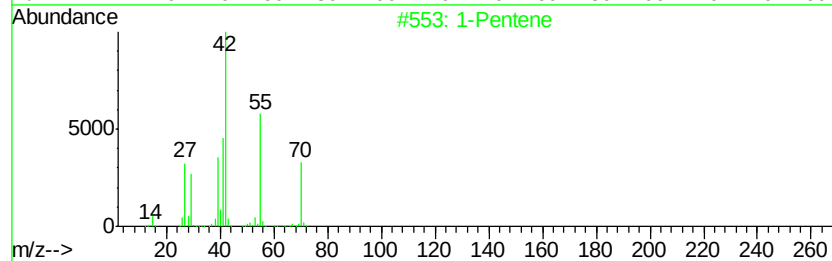
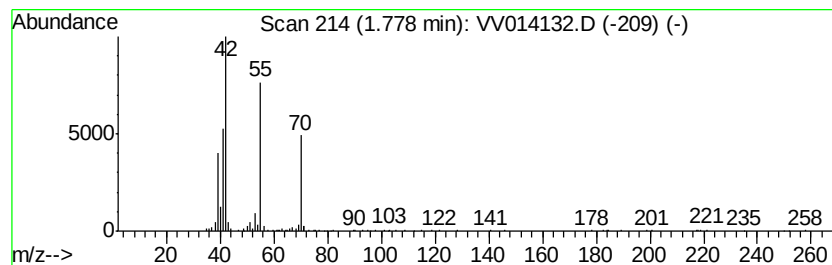
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic1.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	0.72 ug/L	154830	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene	70	C5H10	000109-67-1	76
2		1-Pentene	70	C5H10	000109-67-1	68
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
4		Cyclopentane	70	C5H10	000287-92-3	52
5		2-Pentene, (Z)-	70	C5H10	000627-20-3	50



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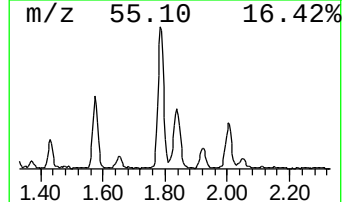
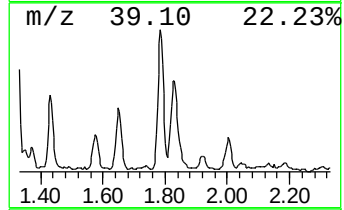
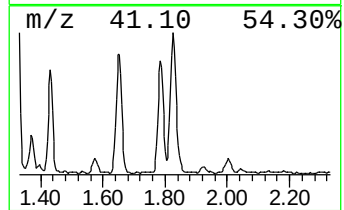
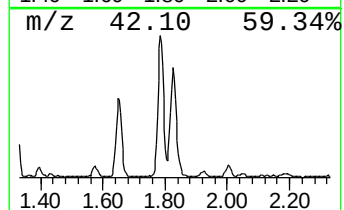
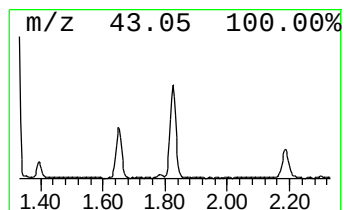
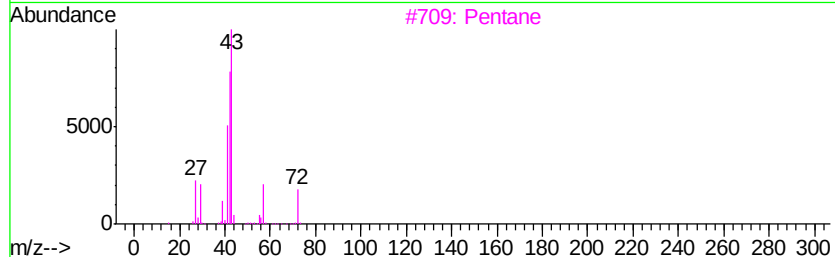
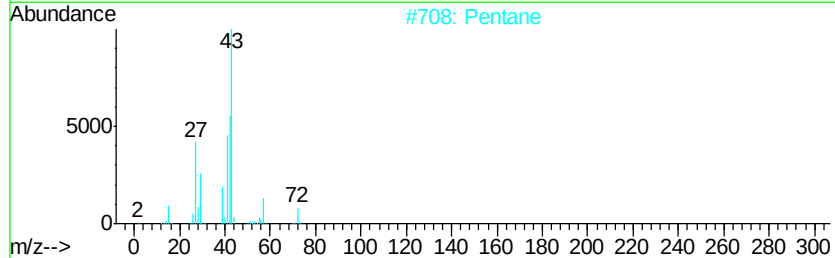
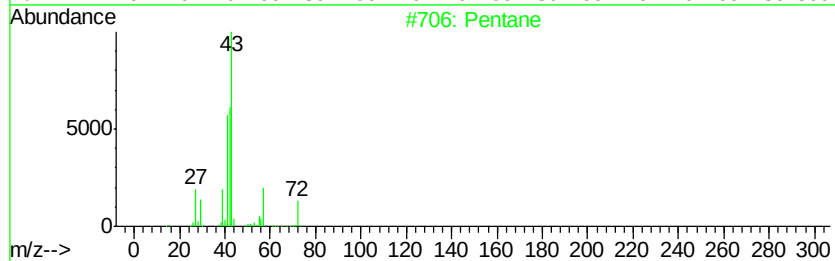
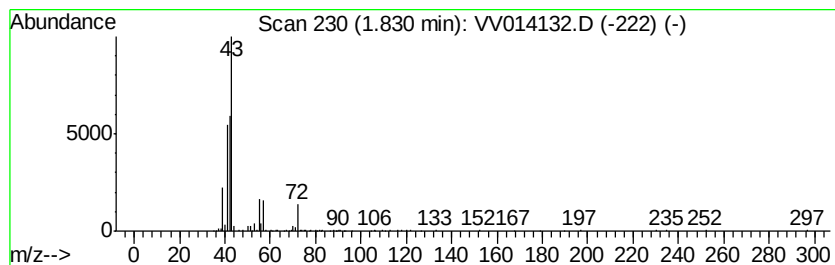
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	0.90 ug/L	193618	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	80
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	72
4		Pentane	72	C5H12	000109-66-0	72
5		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	33



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Quant Title : TRACE VOA SOM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	6.3	ug/L	1368570	1	5.66	1076850	5.0
(DEL) Alkane: Str...	1.23	0.6	ug/L	123392	1	5.66	1076850	5.0
(DEL) Alkane: Str...	1.65	0.6	ug/L	118185	1	5.66	1076850	5.0
(DEL) Alkane: Cyc...	1.78	0.7	ug/L	154830	1	5.66	1076850	5.0
(DEL) Alkane: Str...	1.83	0.9	ug/L	193618	1	5.66	1076850	5.0