

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015723.D
 Acq On : 27 Apr 2020 12:51
 Operator : SY/MD
 Sample : L2413-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL9

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\SOMVTR042220WMA.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	1.113	3	7	28	rVB	1737362	1633117	100.00%	24.625%
2	1.222	34	41	60	rVB	505995	449574	27.53%	6.779%
3	1.315	61	70	75	rBV2	339719	364972	22.35%	5.503%
4	1.576	146	151	163	rVV	46230	54667	3.35%	0.824%
5	1.643	165	172	187	rVB	101727	134353	8.23%	2.026%
6	1.817	221	226	244	rVB2	20454	29996	1.84%	0.452%
7	2.122	312	321	339	rVB	79819	129156	7.91%	1.947%
8	2.592	459	467	486	rVB	19328	35498	2.17%	0.535%
9	2.782	512	526	542	rBV2	19906	38758	2.37%	0.584%
10	3.791	824	840	855	rBV3	11020	28562	1.75%	0.431%
11	3.936	866	885	908	rBV2	126821	422190	25.85%	6.366%
12	4.376	1004	1022	1044	rBV2	70843	180654	11.06%	2.724%
13	4.701	1112	1123	1140	rVB4	15884	39604	2.43%	0.597%
14	5.074	1222	1239	1264	rBV3	158604	404574	24.77%	6.100%
15	5.640	1401	1415	1436	rBV	146883	294727	18.05%	4.444%
16	5.939	1497	1508	1527	rBV3	20538	42605	2.61%	0.642%
17	6.093	1539	1556	1570	rBV2	98794	207703	12.72%	3.132%
18	7.010	1830	1841	1859	rBV	43299	80537	4.93%	1.214%
19	7.338	1932	1943	1960	rBV	190091	330235	20.22%	4.979%
20	7.646	2027	2039	2059	rBV	25445	47255	2.89%	0.713%
21	7.997	2140	2148	2160	rVB2	14085	24626	1.51%	0.371%
22	8.113	2170	2184	2221	rBV	230580	467205	28.61%	7.045%
23	8.875	2410	2421	2445	rBV	230593	372414	22.80%	5.615%
24	10.238	2831	2845	2862	rVB	73660	114848	7.03%	1.732%
25	11.270	3155	3166	3185	rBV	232199	360165	22.05%	5.431%
26	11.646	3272	3283	3297	rBV	209470	325090	19.91%	4.902%
27	12.370	3500	3508	3522	rBV2	11755	18844	1.15%	0.284%

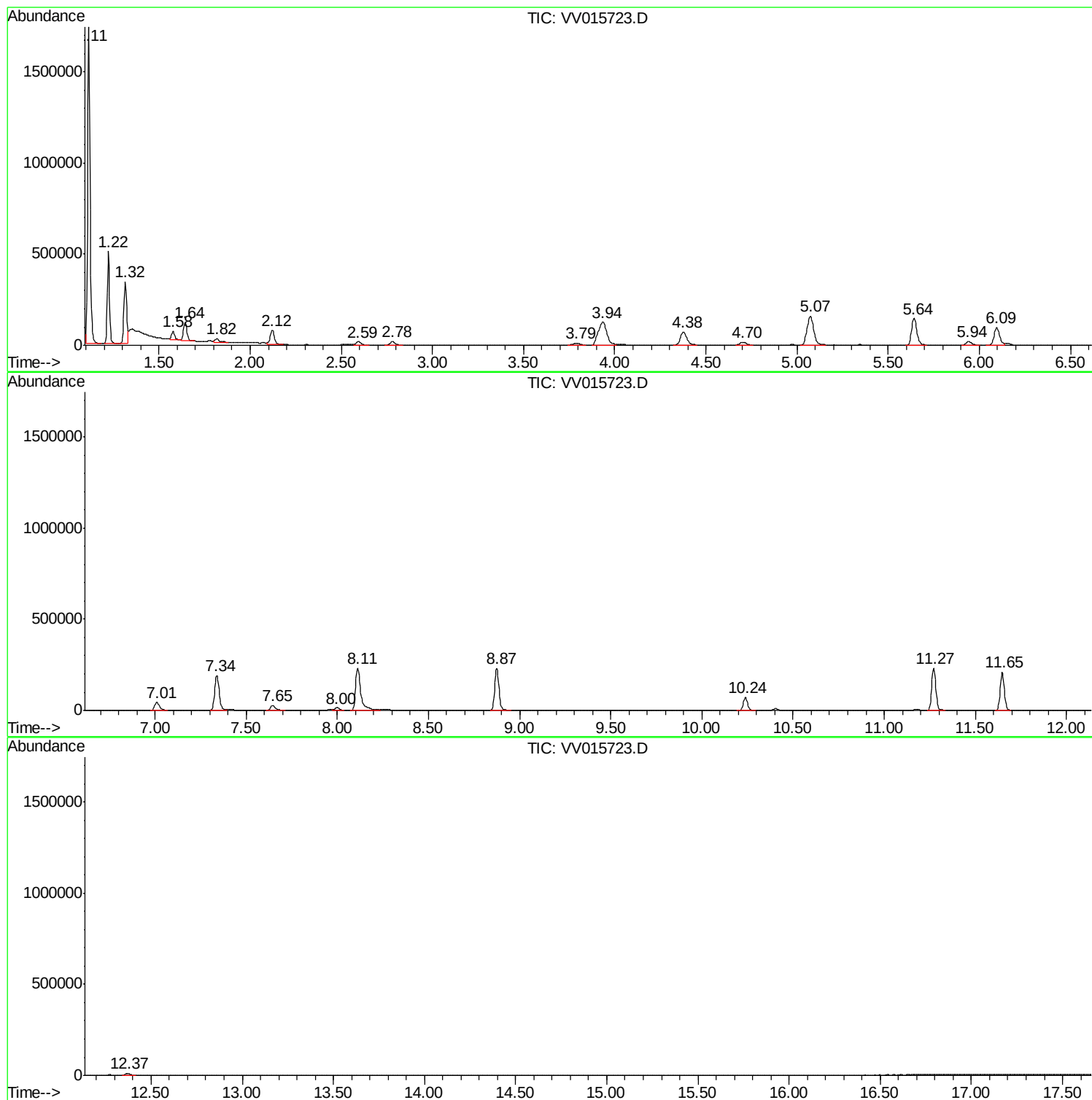
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Quant Title : TRACE VOA SOM01.0

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



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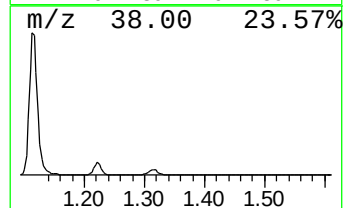
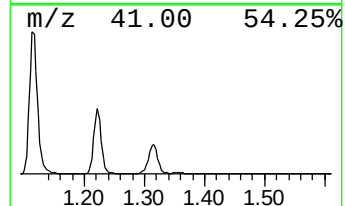
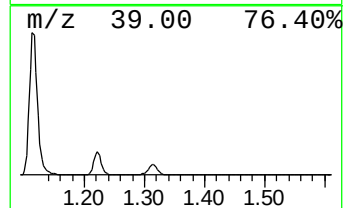
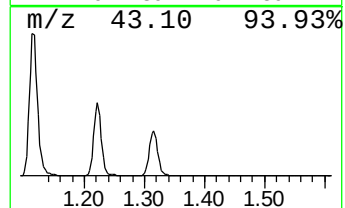
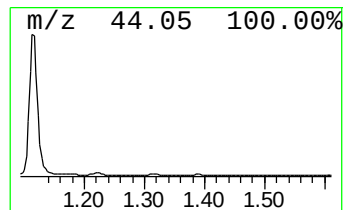
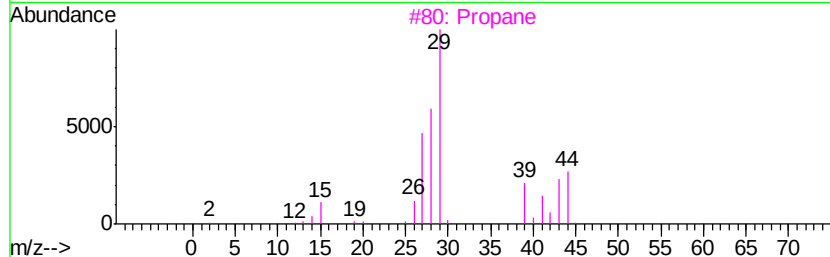
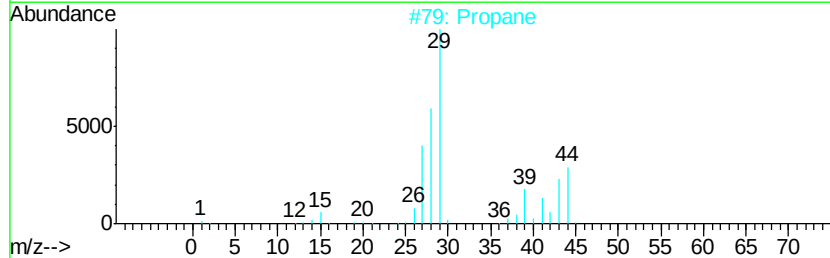
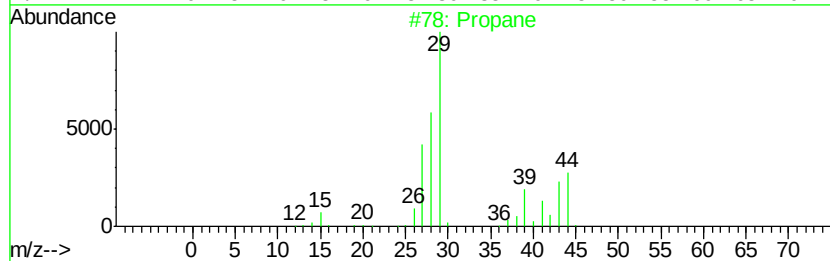
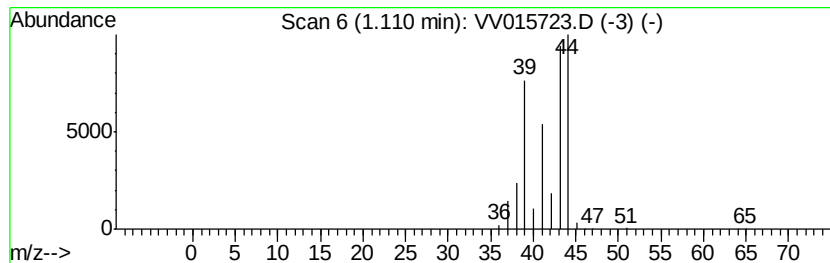
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.11	27.71 ug/L	1633120	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	83
2		Propane	44	C3H8	000074-98-6	56
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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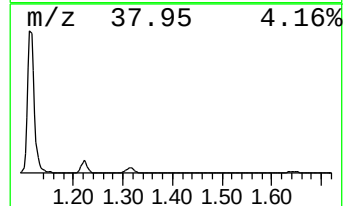
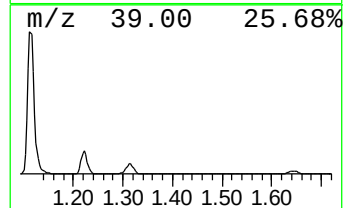
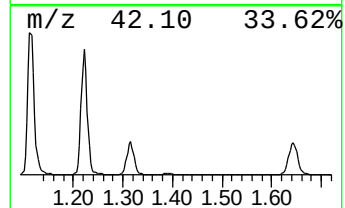
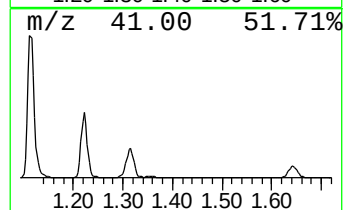
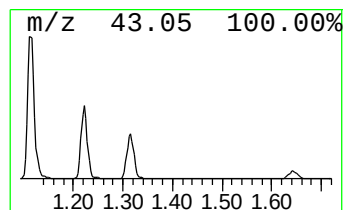
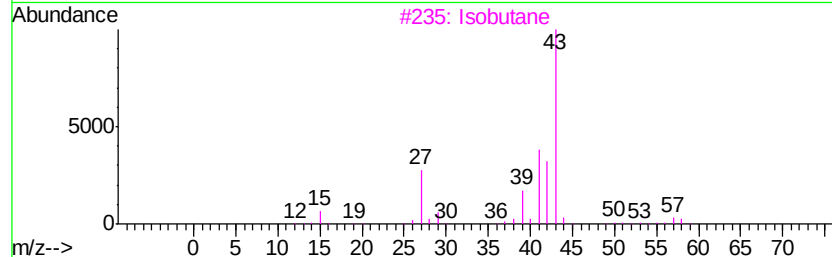
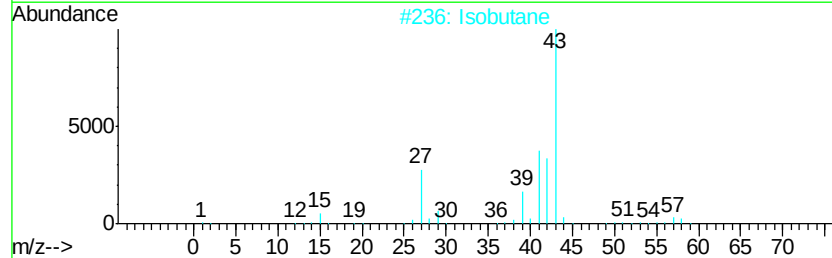
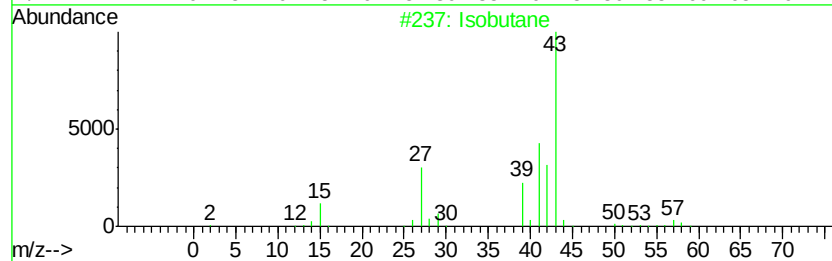
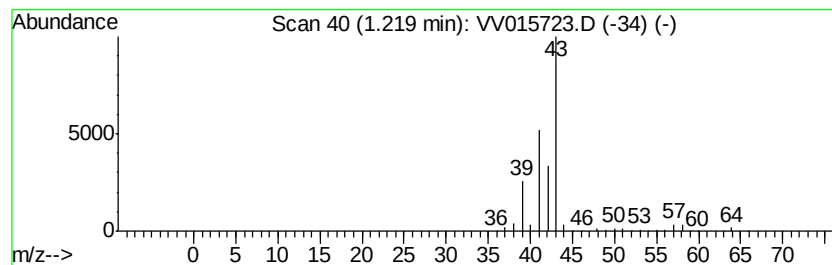
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	7.63 ug/L	449574	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	64
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			Isobutyl nitrite	103	C4H9NO2	000542-56-3	25



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Instrument :
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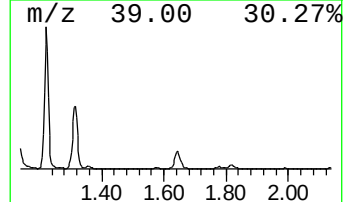
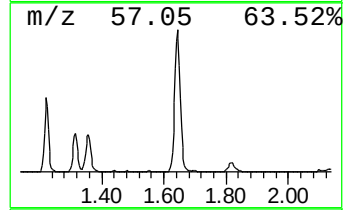
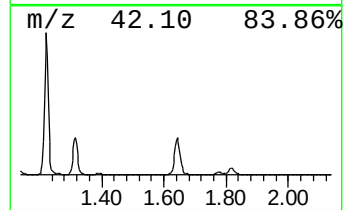
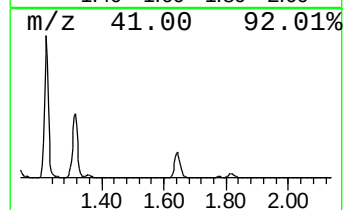
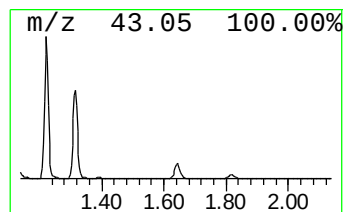
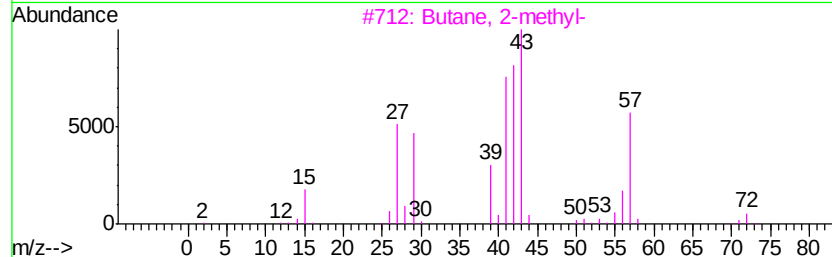
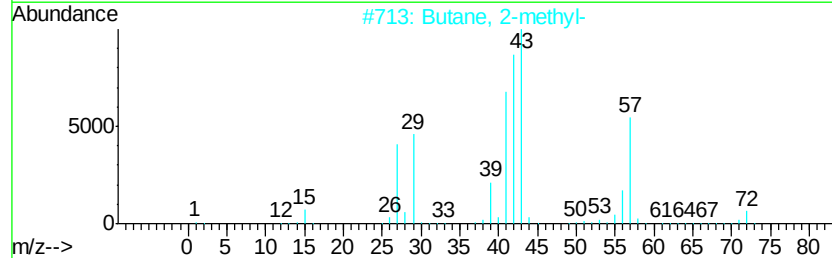
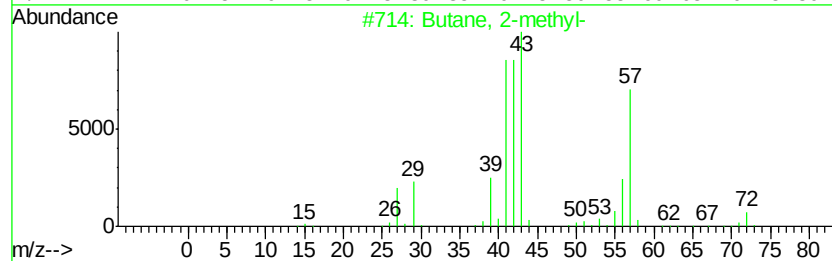
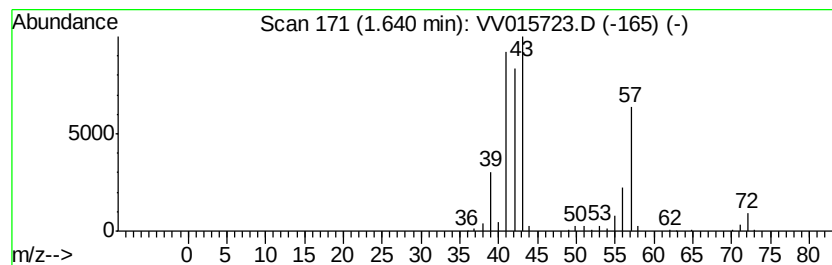
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	2.28 ug/L	134353	1,4-Difluorobenzene	5.64

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	38
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	37



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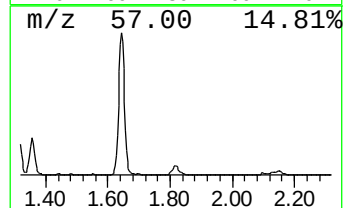
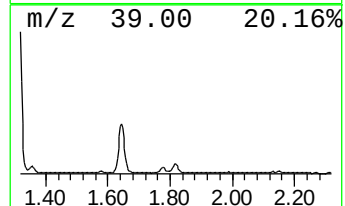
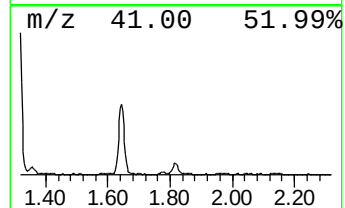
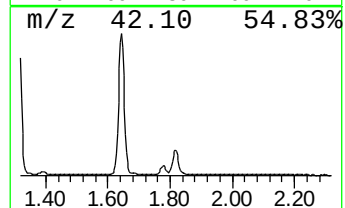
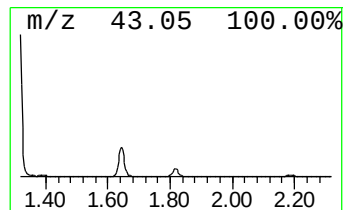
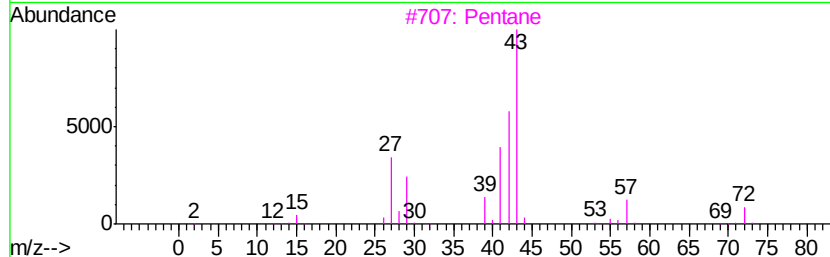
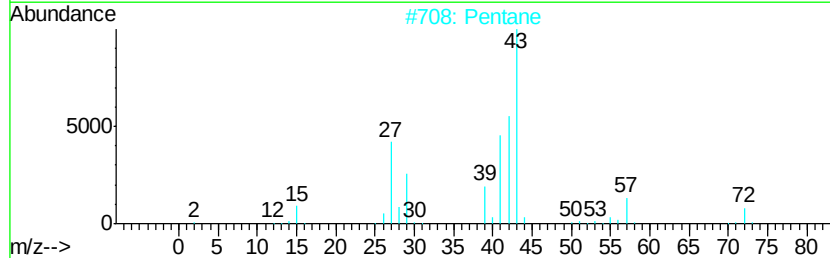
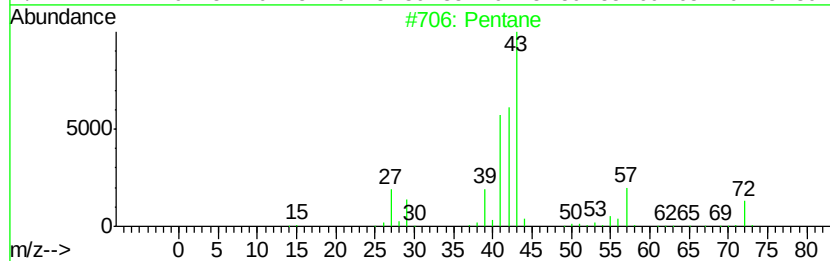
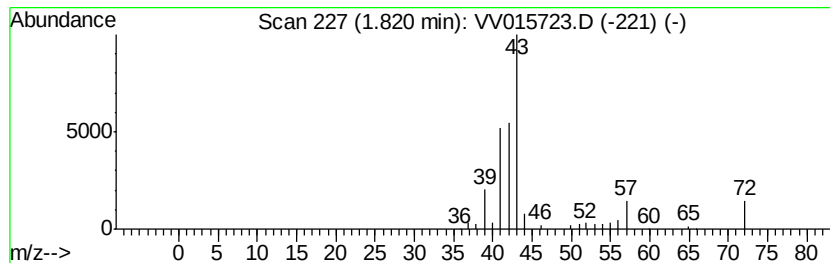
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	0.51 ug/L	29996	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	72
4		Pentane	72	C5H12	000109-66-0	64
5		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	50



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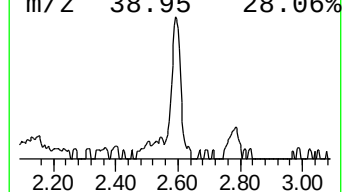
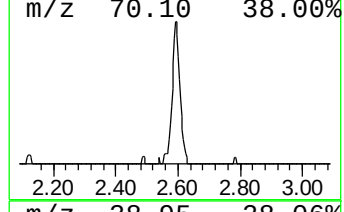
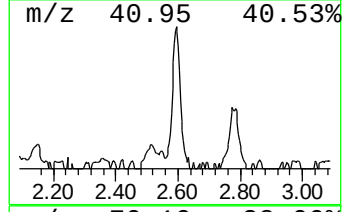
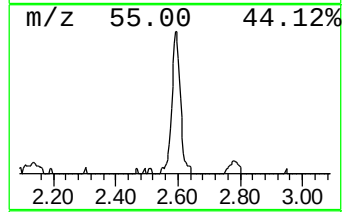
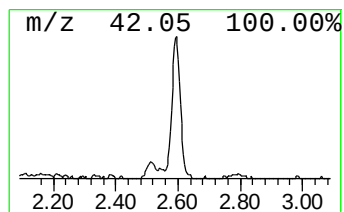
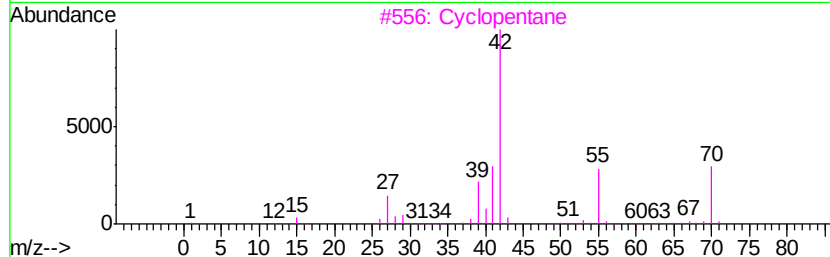
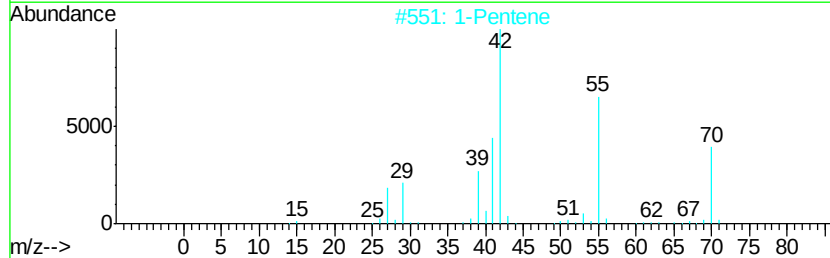
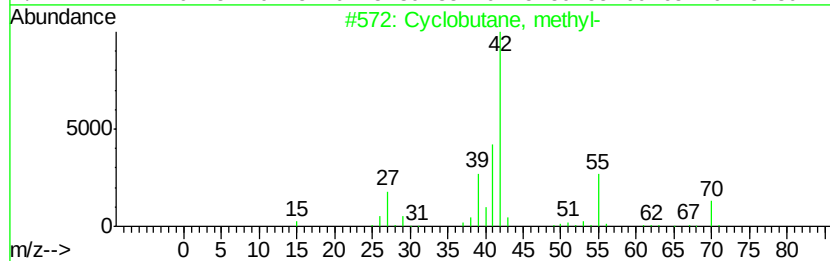
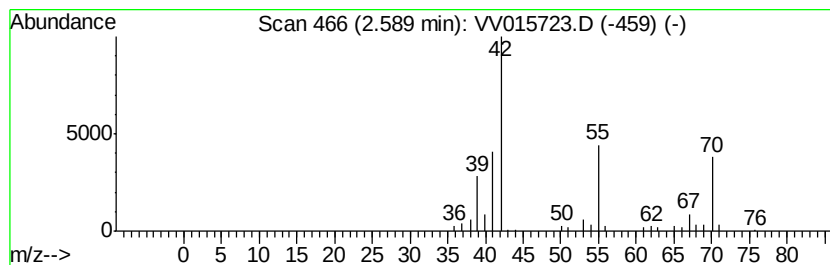
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic2.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	0.60 ug/L	35498	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2		1-Pentene	70	C5H10	000109-67-1	80
3		Cyclopentane	70	C5H10	000287-92-3	78
4		Cyclopentane	70	C5H10	000287-92-3	72
5		1-Pentene	70	C5H10	000109-67-1	64



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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: Str...	1.11	27.7	ug/L	1633120	1	5.64	294727	5.0
(DEL) Alkane: Str...	1.22	7.6	ug/L	449574	1	5.64	294727	5.0
(DEL) Alkane: Str...	1.64	2.3	ug/L	134353	1	5.64	294727	5.0
(DEL) Alkane: Str...	1.82	0.5	ug/L	29996	1	5.64	294727	5.0
(DEL) Alkane: Cyc...	2.59	0.6	ug/L	35498	1	5.64	294727	5.0