LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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\SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC: VV013439.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.225	36	42	48	rVB	190431	156219	1.07%	0.227%
2	1.315	59	70	78	rBV	984570	1012585	6.96%	1.471%
3	1.582	147	153	164	rVB	165289	198823	1.37%	0.289%
4	1.646	165	173	185	rVB	1201520	1446423	9.94%	2.101%
5	1.827	221	229	244	rVB3	146286	257278	1.77%	0.374%
6	2.042	287	296	311	rVB	538686	737976	5.07%	1.072%
7	2.129	314	323	341	rVB	296594	448850	3.09%	0.652%
8	2.502	417	439	447	rBV2	327244	705188	4.85%	1.024%
9	2.553	448	455	462	rVV	426041	777069	5.34%	1.128%
10	2.601	462	470	484	rVB	644280	1167849	8.03%	1.696%
11	2.788	510	528	543	rBV	377897	756769	5.20%	1.099%
12	3.309	675	690	702	rBV3	99051	214436	1.47%	0.311%
13	3.617	772	786	802	rVB2	86431	203879	1.40%	0.296%
14	3.804	826	844	862	rBV	1096470	2725688	18.74%	3.958%
15	3.961	881	893	921	rBV	160967	614405	4.22%	0.892%
16	4.399	1012	1029	1050	rBV	278049	720265	4.95%	1.046%
17	4.505	1052	1062	1079	rVB4	79401	183444	1.26%	0.266%
18	4.723	1109	1130	1146	rBV2	985293	2453722	16.87%	3.563%
19	4.807	1148	1156	1176	rVB4	85995	243115	1.67%	0.353%
20	4.955	1186	1202	1207	rBV2	144619	330506	2.27%	0.480%
21	5.096	1230	1246	1249	rBV4	676359	1321562	9.08%	1.919%
22	5.145	1249	1261	1276	rVB	6885726	14546853	100.00%	21.125%
23	5.219	1277	1284	1292	rBV3	175280	294183	2.02%	0.427%
24	5.277	1293	1302	1304	rBV	122508	202589	1.39%	0.294%
25	5.367	1318	1330	1349	rVB2	467061	1069448	7.35%	1.553%
26	5.662	1408	1422	1459	rBV	435953	1148473	7.89%	1.668%
27	6.116	1549	1563	1569	rBV2	389476	788343	5.42%	1.145%
28	6.174	1570	1581	1597	rVB2	1153235	2630172	18.08%	3.820%
29	6.405	1640	1653	1671	rBV	199950	383856	2.64%	0.557%
30	6.502	1671	1683	1697	rBV2	85809	172973	1.19%	0.251%
31	6.672	1727	1736	1754	rVB6	136613	301001	2.07%	0.437%
32	6.842	1762	1789	1804	rBV	145864	348406	2.40%	0.506%
33	7.029	1829	1847	1866	rBV	245697	499061	3.43%	0.725%
34	7.209	1891	1903	1918	rVB3	196133	386187	2.65%	0.561%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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\SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0

35	7.305	1918	1933	1939	rBV2	281700	532740	3.66%	0.774%
36	7.357	1940	1949	1962	rVB	778697	1400323	9.63%	2.034%
37	7.431	1963	1972	1980	rBV	198968	309566	2.13%	0.450%
38	7.553	2005	2010	2025	rVB3	106323	188022	1.29%	0.273%
39	7.698	2048	2055	2075	rVB2	268873	501399	3.45%	0.728%
40	7.826	2077	2095	2104	rBV4	126174	253645	1.74%	0.368%
41	8.135	2178	2191	2211	rBV2	879279	1888191	12.98%	2.742%
42	8.273	2223	2234	2243	rVB7	115134	221790	1.52%	0.322%
43	8.331	2243	2252	2260	rBV	233275	367037	2.52%	0.533%
44	8.389	2261	2270	2280	rVB3	125361	224939	1.55%	0.327%
45	8.894	2415	2427	2437	rBV	669215	1096079	7.53%	1.592%
46	9.051	2467	2476	2489	rVB	256701	419477	2.88%	0.609%
47	9.180	2496	2516	2528	rVB	513014	938205	6.45%	1.362%
48	9.511	2605	2619	2636	rBV8	61576	167589	1.15%	0.243%
49	9.746	2675	2692	2711	rBV3	109110	229982	1.58%	0.334%
50	9.971	2751	2762	2783	rBV	432143	709918	4.88%	1.031%
51	10.257	2839	2851	2868	rBV	314276	539617	3.71%	0.784%
52	10.392	2881	2893	2906	rBV	750479	1179523	8.11%	1.713%
53	10.511	2920	2930	2941	rBV	294304	447912	3.08%	0.650%
54	10.778	3003	3013	3022	rBV	161140	252107	1.73%	0.366%
55	11.289	3161	3172	3190	rVB	897350	1394090	9.58%	2.025%
56	11.569	3247	3259	3277	rBV	2380709	3989501	27.43%	5.794%
57	11.669	3278	3290	3310	rVB3	913681	1587102	10.91%	2.305%
58	12.058	3398	3411	3417	rBV	783133	1180981	8.12%	1.715%
59	12.157	3431	3442	3464	rBV	1151475	1975569	13.58%	2.869%
60	12.456	3517	3535	3545	rVV	484210	741518	5.10%	1.077%
61	12.591	3566	3577	3587	rBV2	128769	197844	1.36%	0.287%
62	12.768	3623	3632	3649	rVB	708371	1119508	7.70%	1.626%
63	12.926	3662	3681	3691	rBV2	1633568	2628320	18.07%	3.817%
64	13.090	3724	3732	3753	rVB3	243961	432040	2.97%	0.627%
65	13.209	3758	3769	3776	rBV2	107998	178940	1.23%	0.260%
66	13.257	3776	3784	3793	rVB	235331	351620	2.42%	0.511%
67	13.312	3793	3801	3809	rBV3	276541	406417	2.79%	0.590%
68	13.411	3826	3832	3838	rVB	205932	262501	1.80%	0.381%
69	13.546	3863	3874	3883	rBV	520695	792730	5.45%	1.151%
70	13.951	3990	4000	4017	rVB	97771	153151	1.05%	0.222%
71	14.131	4047	4056	4070	rBV3	71613	152025	1.05%	0.221%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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\SOMVTR102919WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 68859514

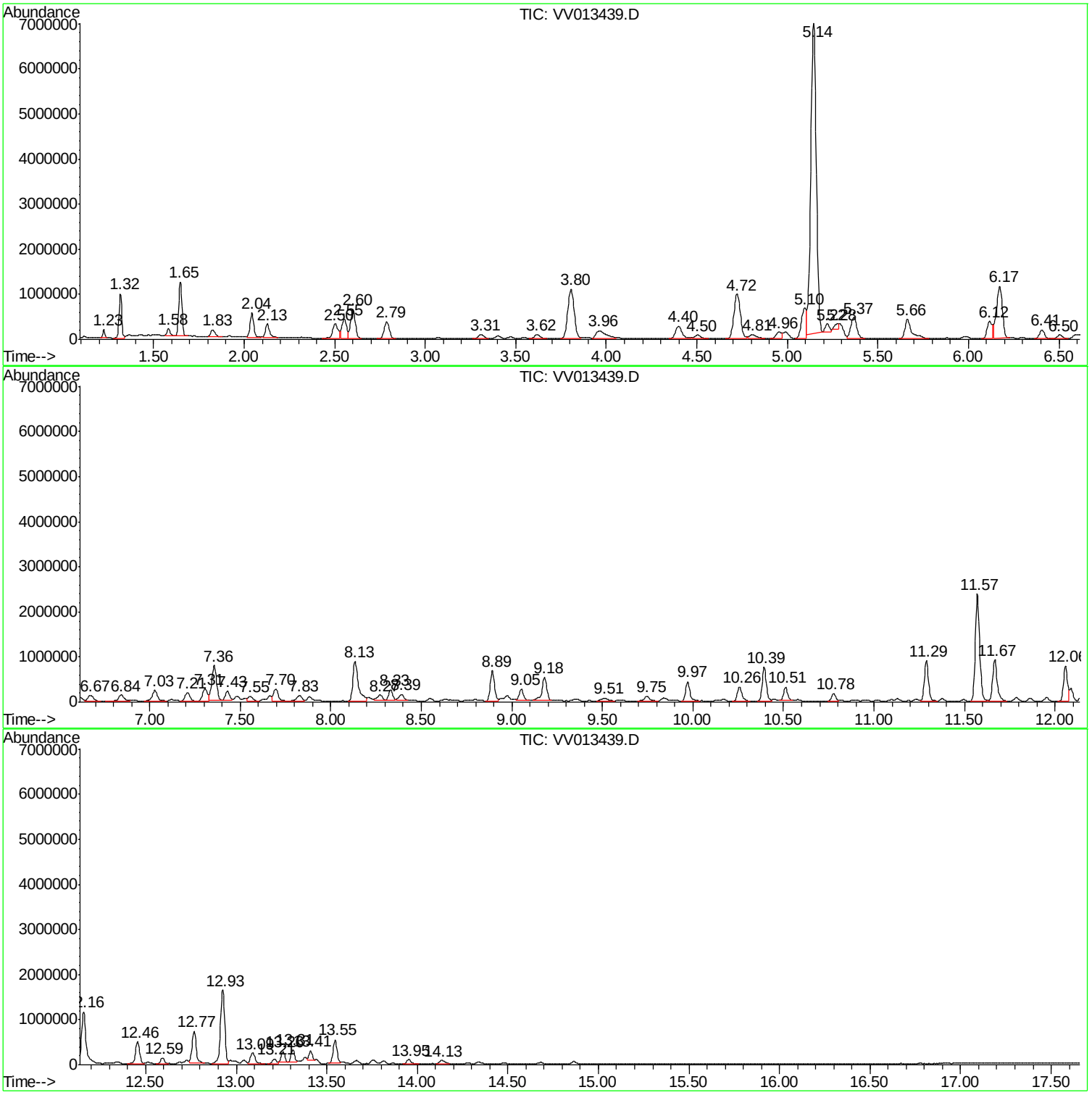
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

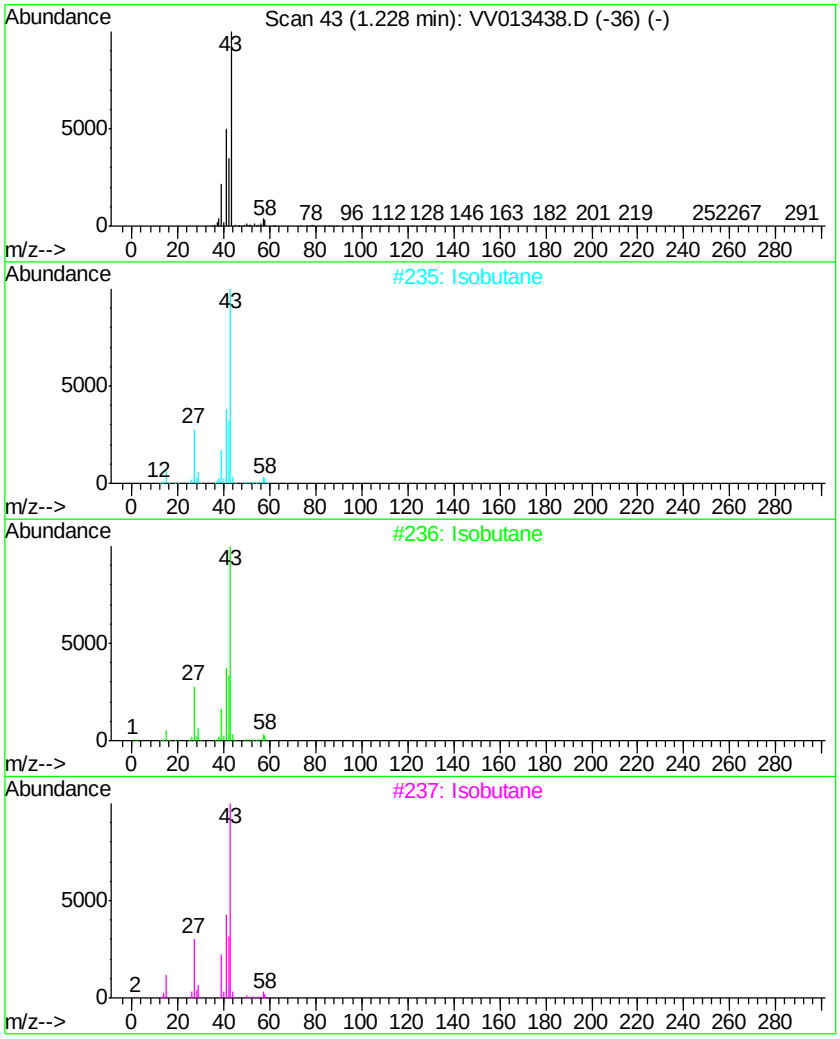
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

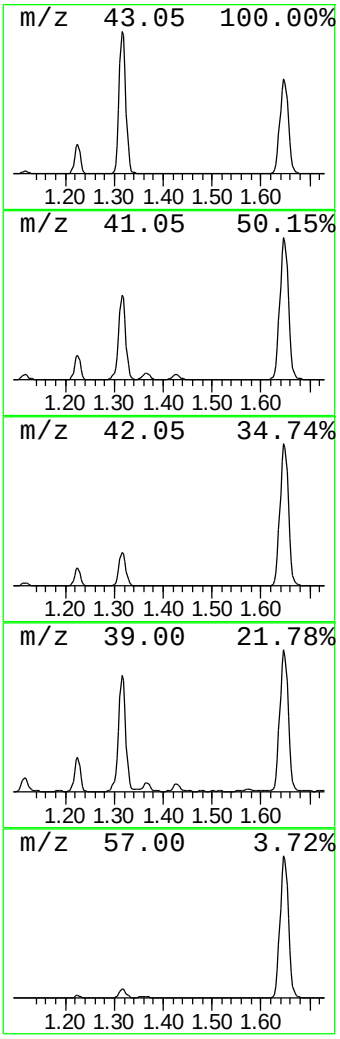
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	0.68 ug/L	156219	1,4-Difluorobenzene	5.66

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	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

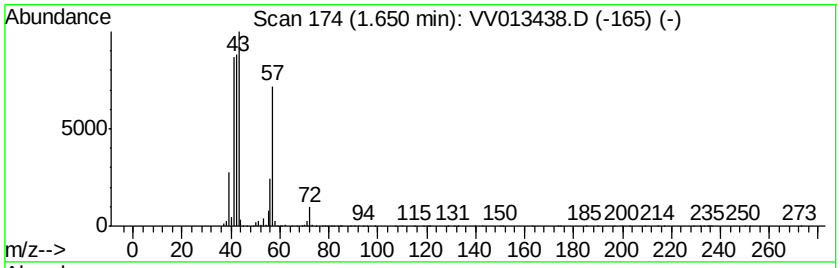
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

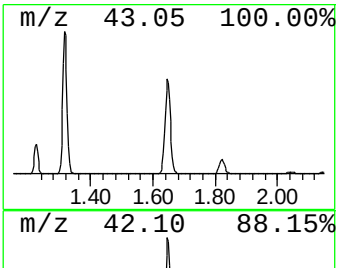
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	6.30 ug/L	1446420	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	90
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	36





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

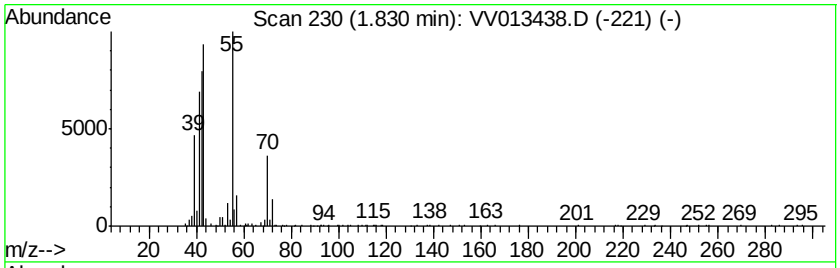
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

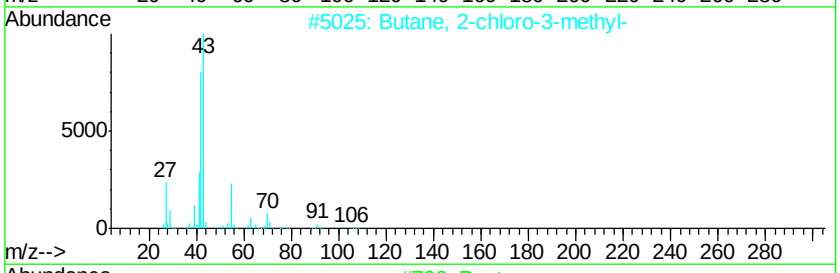
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

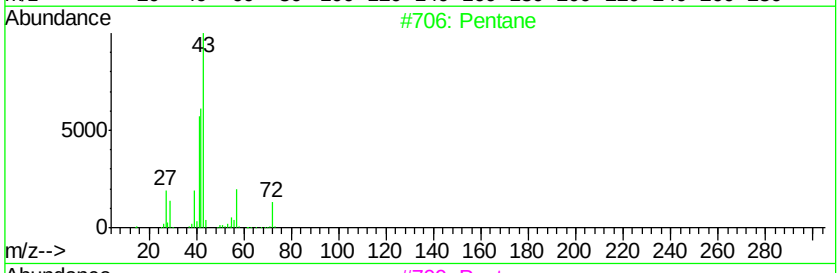
****
Peak Number 3 Butane, 2-chloro-3-methyl- Concentration Rank 31

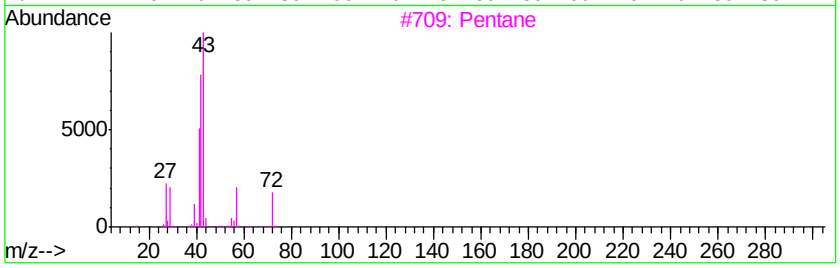
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	1.12 ug/L	257278	1,4-Difluorobenzene	5.66

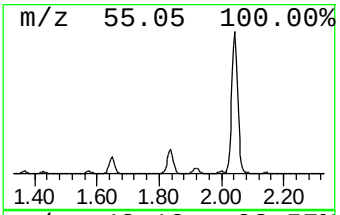
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	59
2	Pentane	72	C5H12	000109-66-0	58
3	Pentane	72	C5H12	000109-66-0	53
4	Pentane	72	C5H12	000109-66-0	50
5	Pentane	72	C5H12	000109-66-0	50

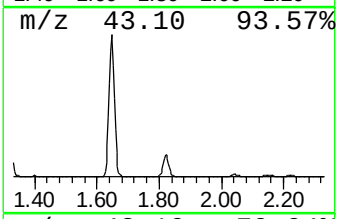


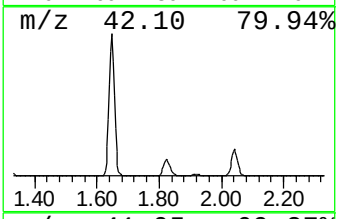


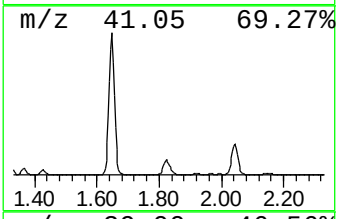


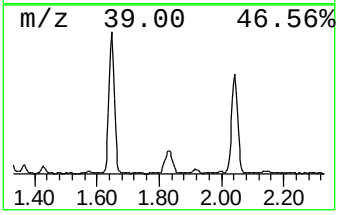












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

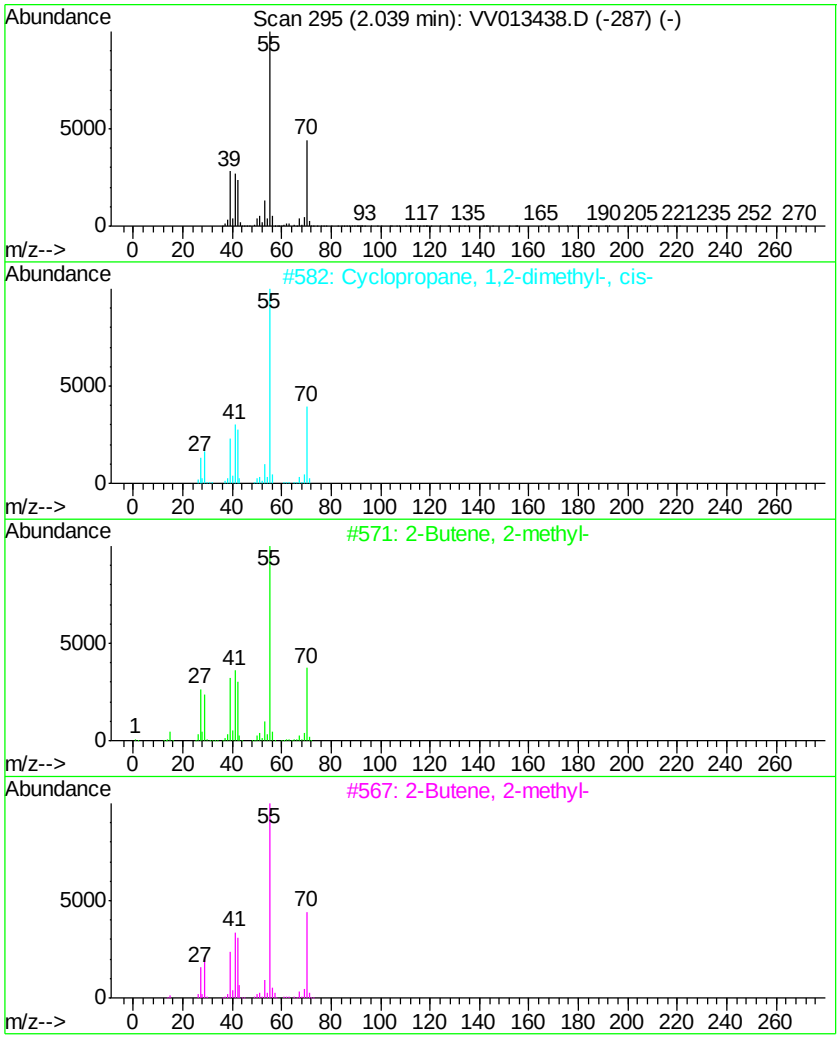
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

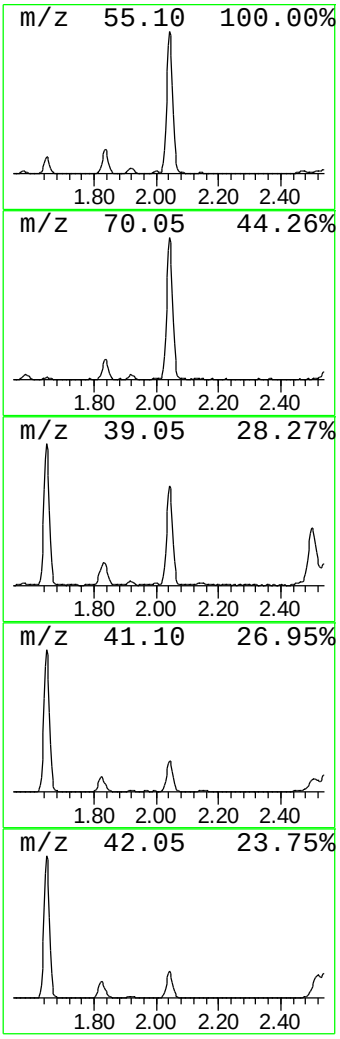
****

Peak Number 4 (DEL) Alkane: Cyclic2.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.04	3.21 ug/L	737976	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	83
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

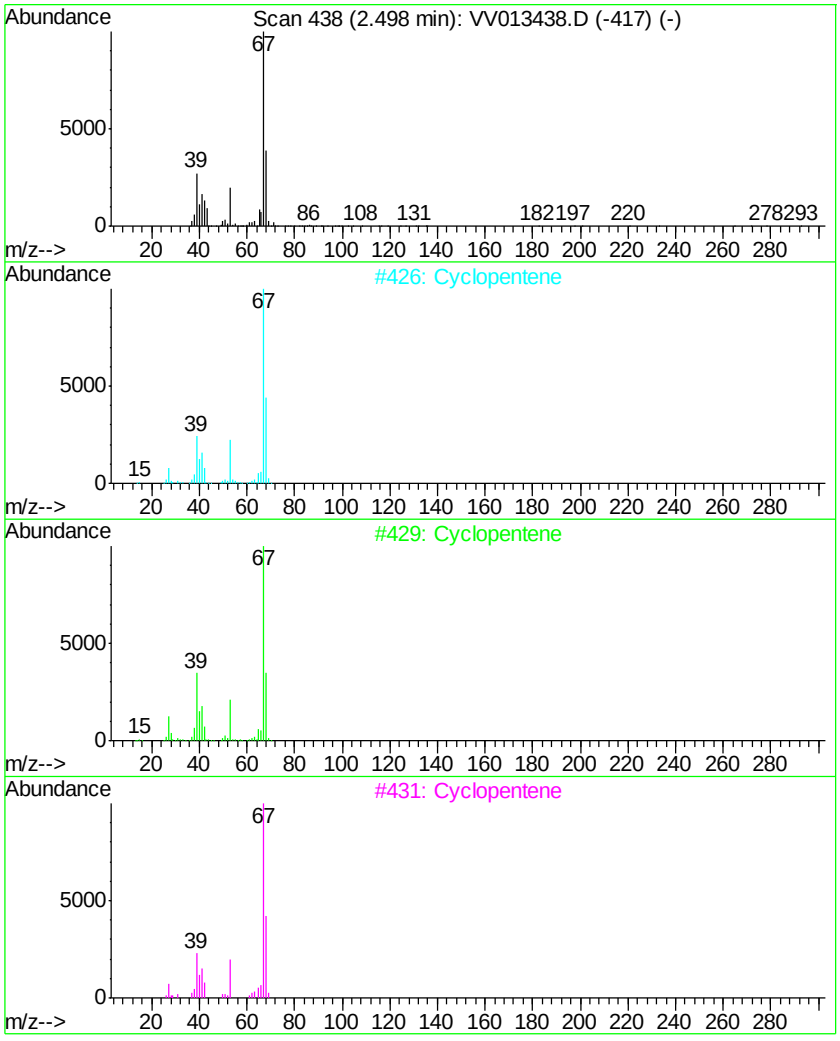
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

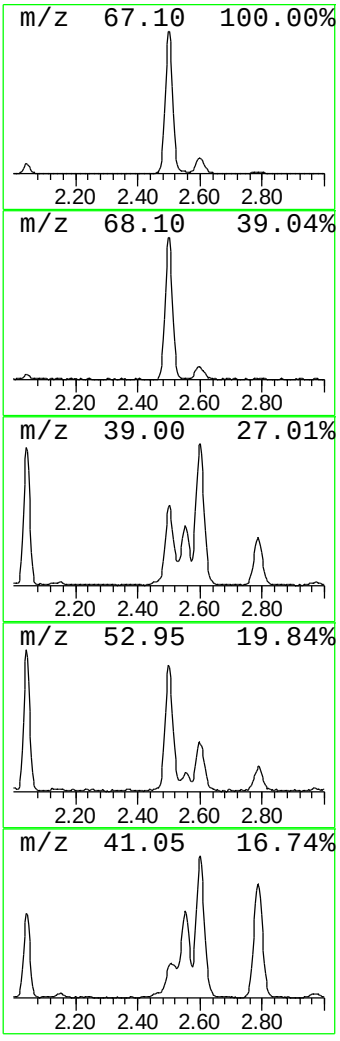
****

Peak Number 5 Cyclopentene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	3.07 ug/L	705188	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	91
4	Cyclopentene	68	C5H8	000142-29-0	58
5	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

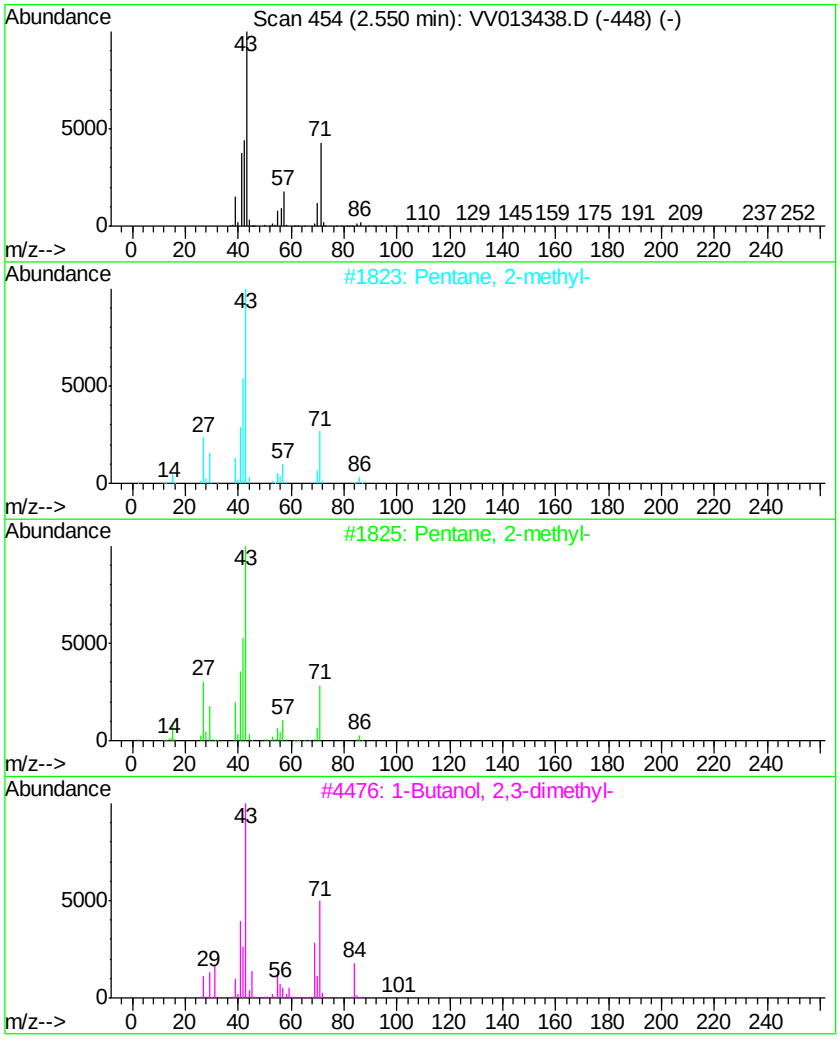
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

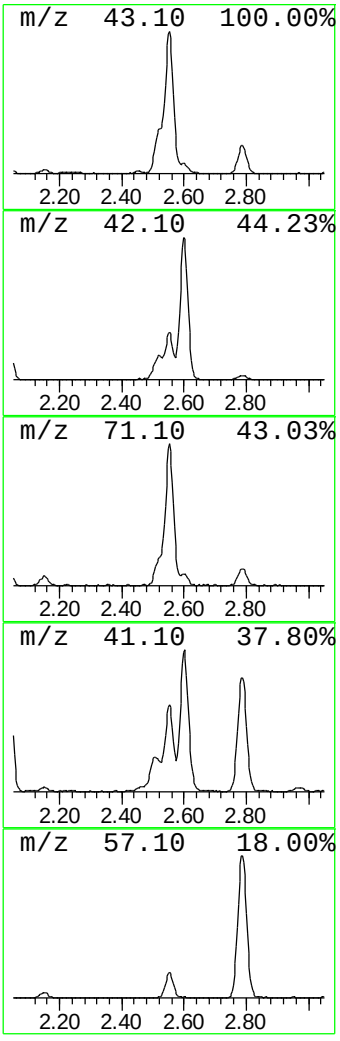
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	3.38 ug/L	777069	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

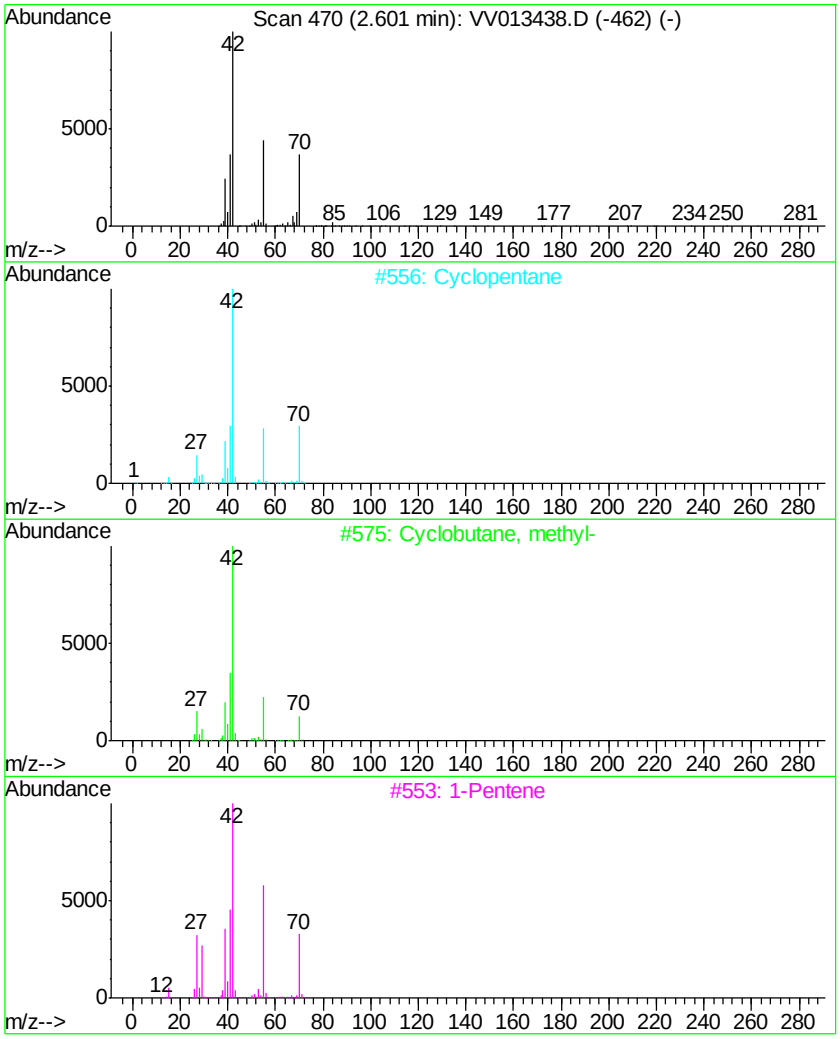
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

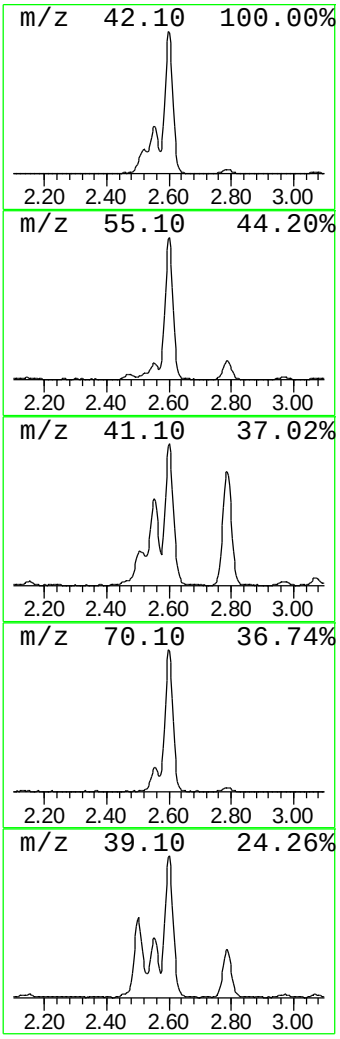
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic2.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	5.08 ug/L	1167850	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3	1-Pentene	70	C5H10	000109-67-1	56
4	Cyclopentane	70	C5H10	000287-92-3	56
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

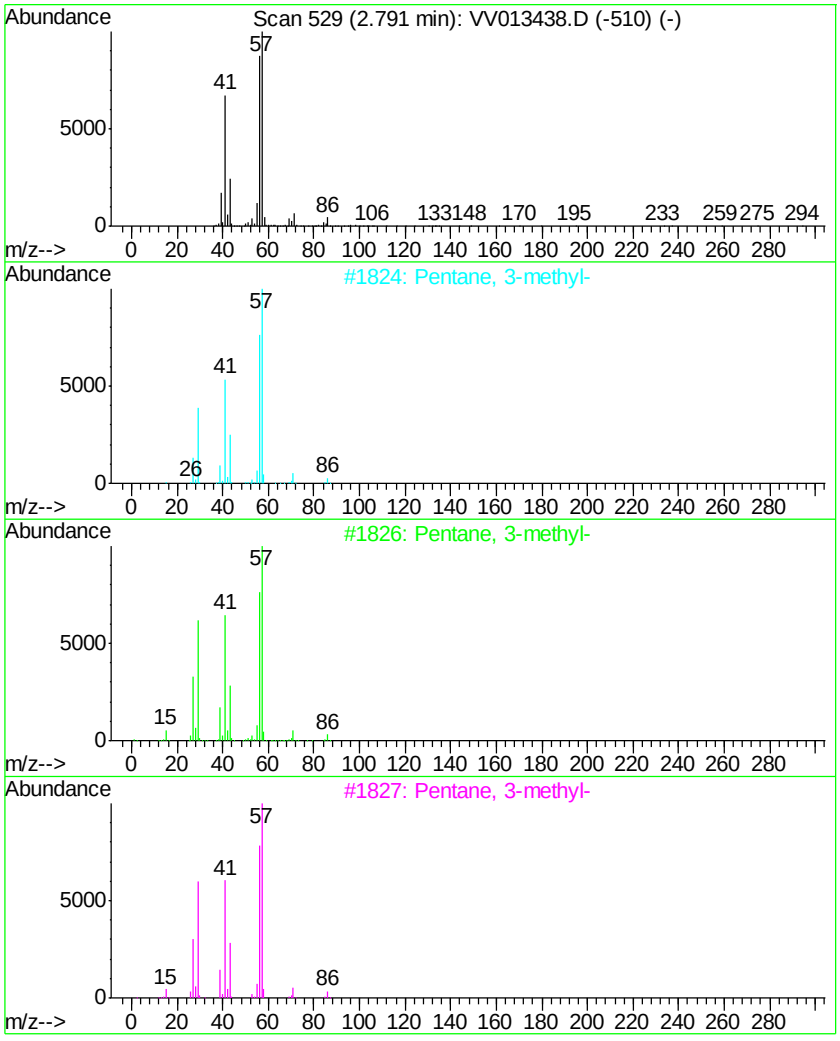
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

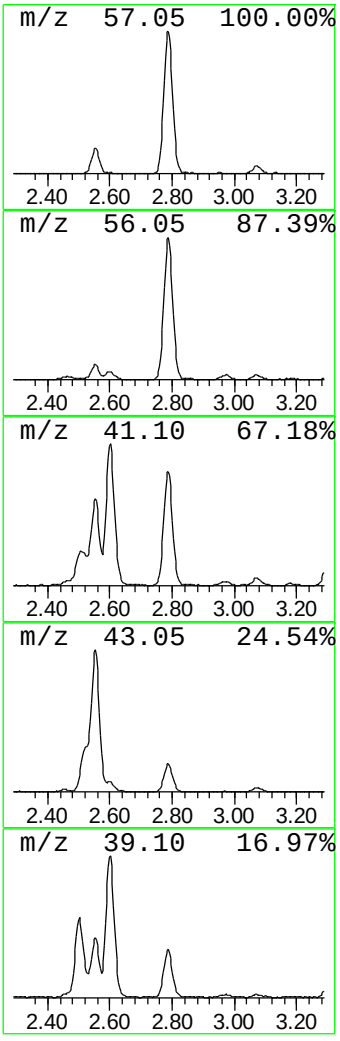
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	3.29 ug/L	756769	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

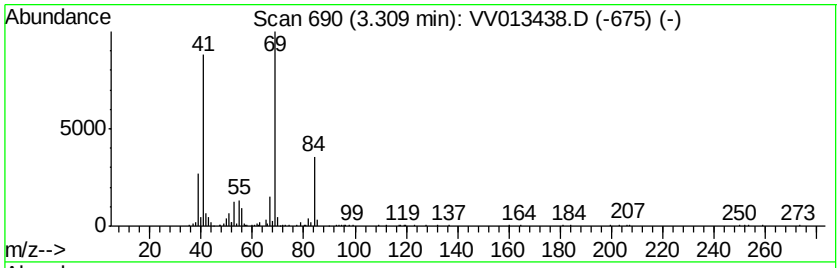
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

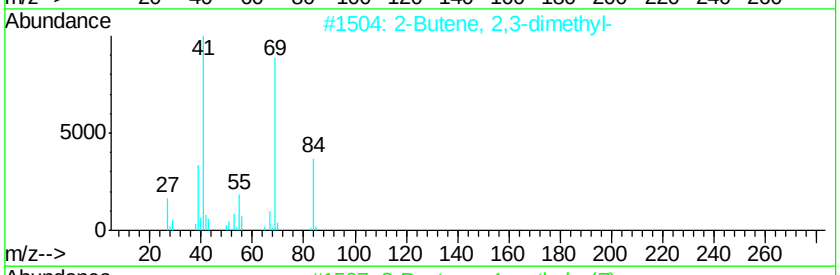
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

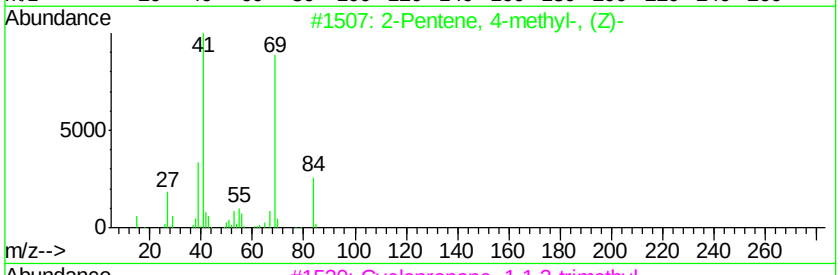
****
Peak Number 9 (DEL) Alkane: Cyclic3.31 Concentration Rank 37

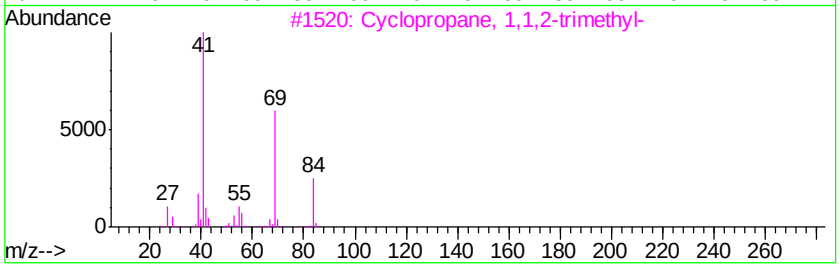
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	0.93 ug/L	214436	1,4-Difluorobenzene	5.66

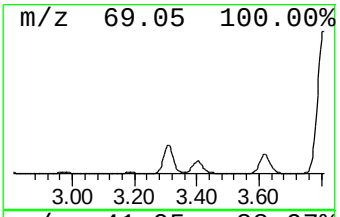
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	87
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	87
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86

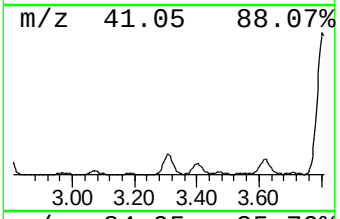


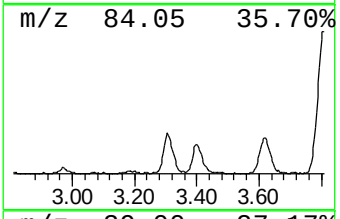


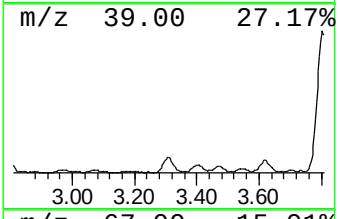


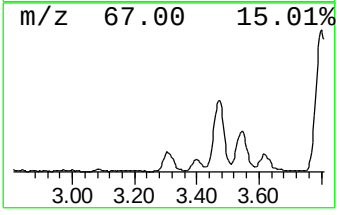












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

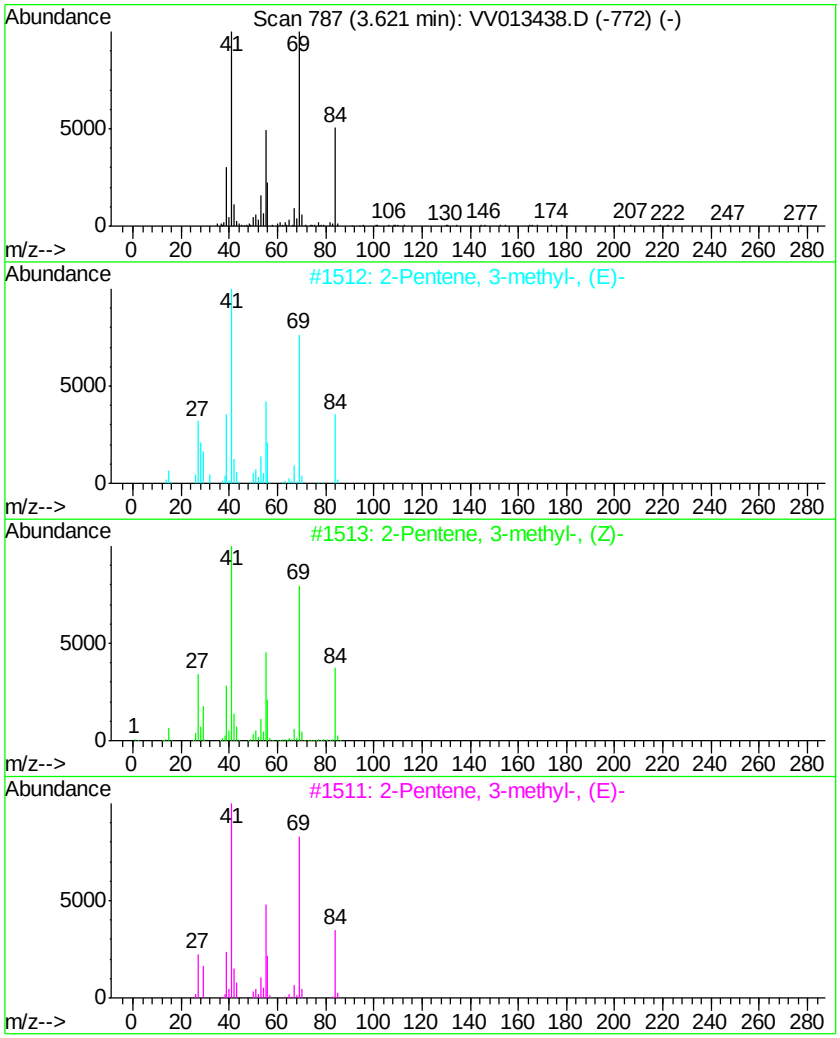
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

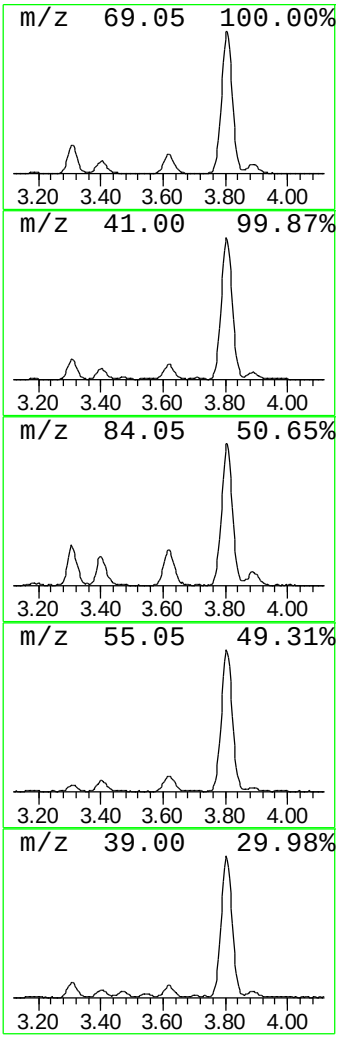
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic3.62 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.89 ug/L	203879	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

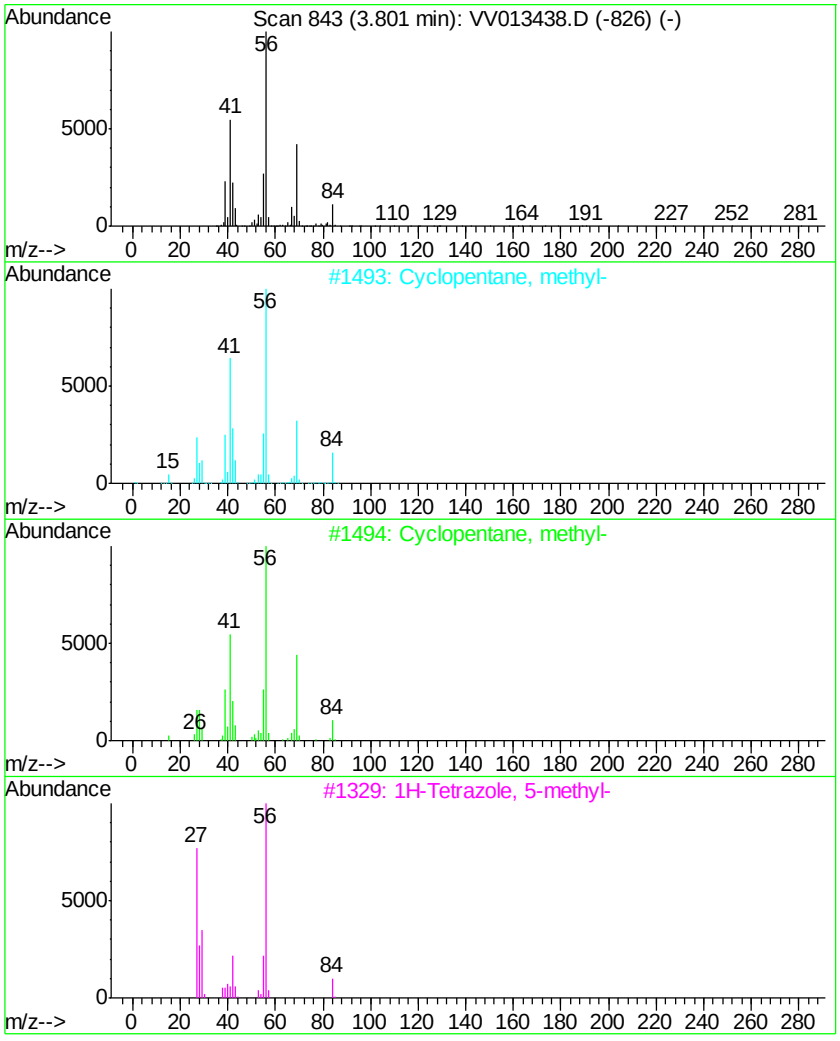
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

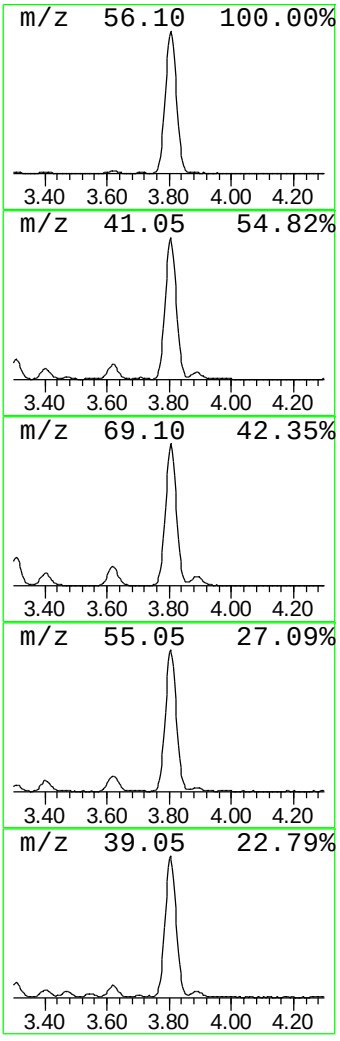
****

Peak Number 11 (DEL) Alkane: Cyclic3.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	11.87 ug/L	2725690	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

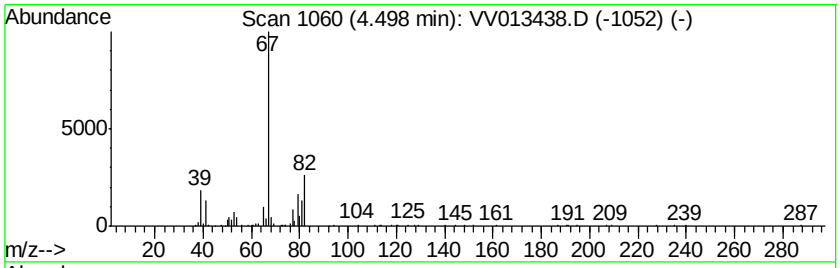
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

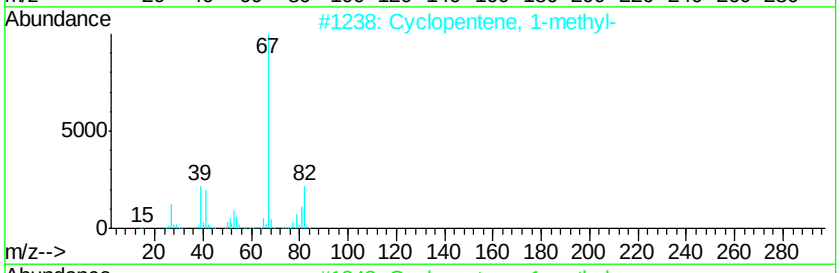
****

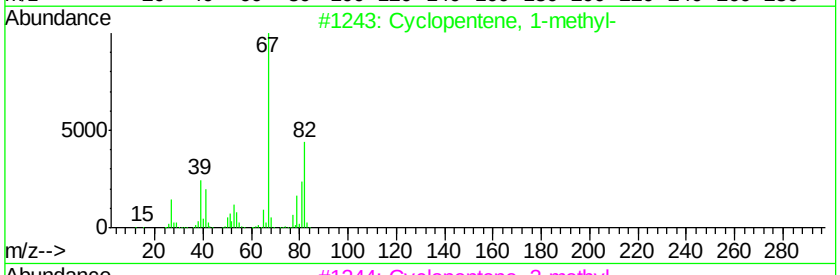
Peak Number 12 Cyclopentene, 1-methyl- Concentration Rank 42

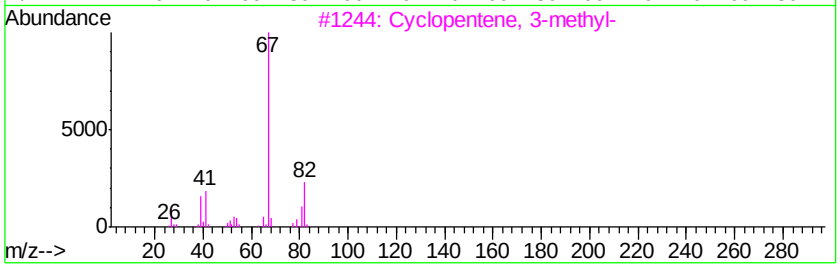
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	0.80 ug/L	183444	1,4-Difluorobenzene	5.66

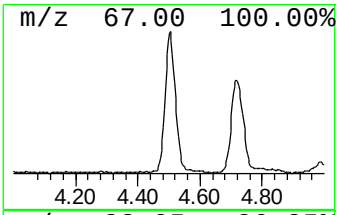
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	83
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	81
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
5	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	80

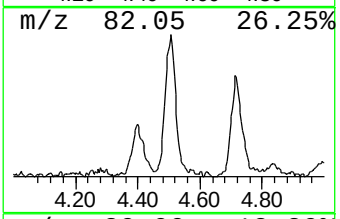


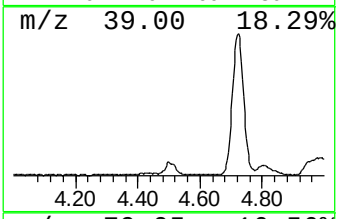


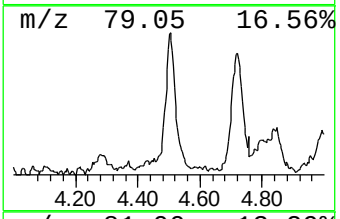


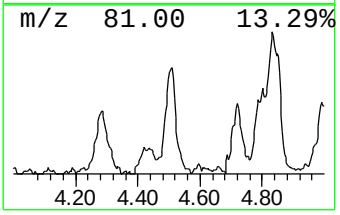












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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

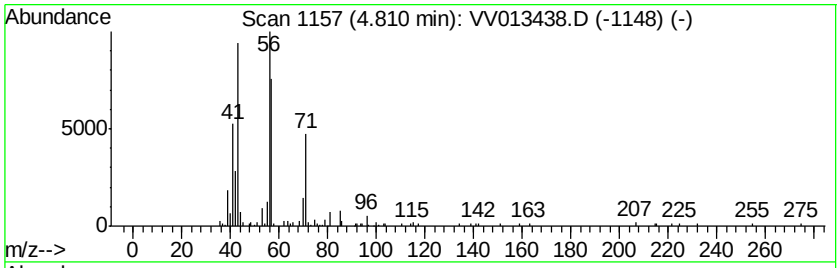
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

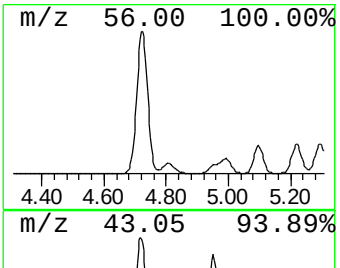
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	1.06 ug/L	243115	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	64
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	62





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

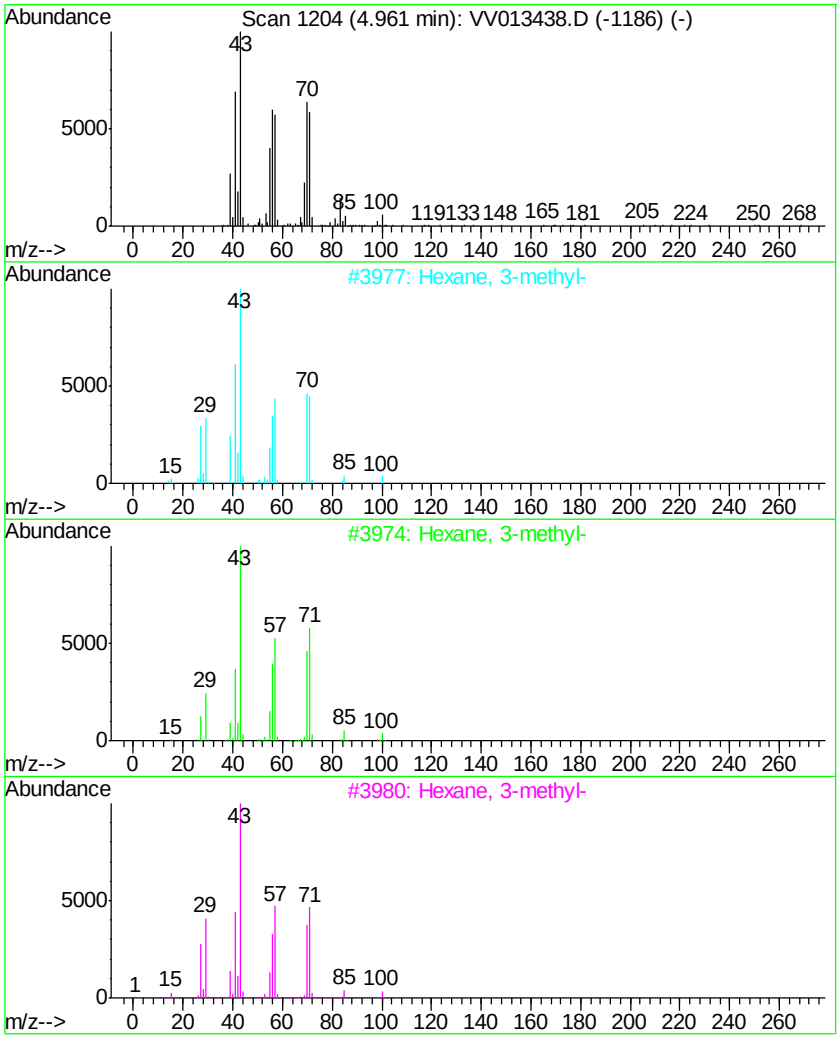
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

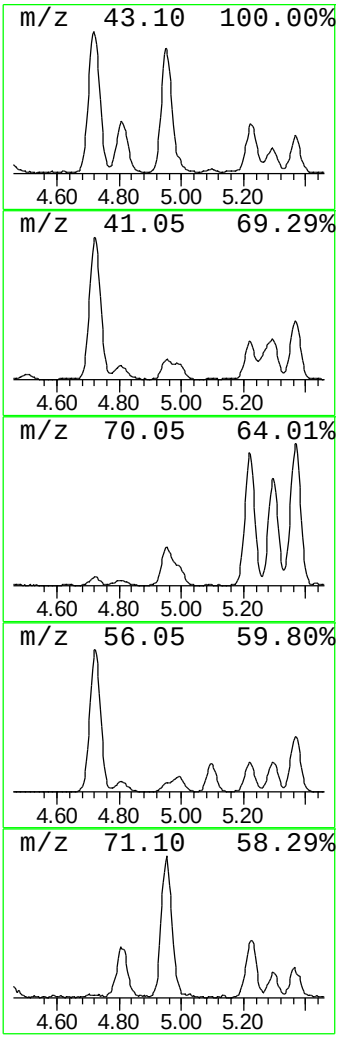
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	1.44 ug/L	330506	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	81
4	Heptane	100	C7H16	000142-82-5	58
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

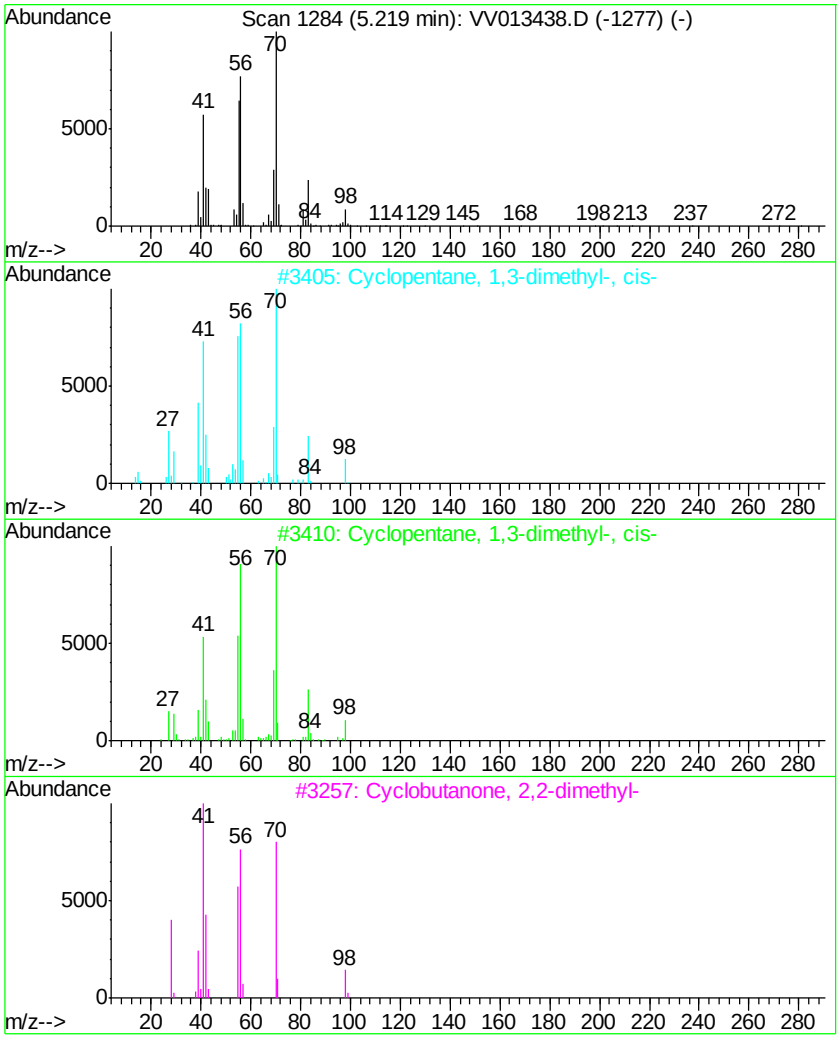
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

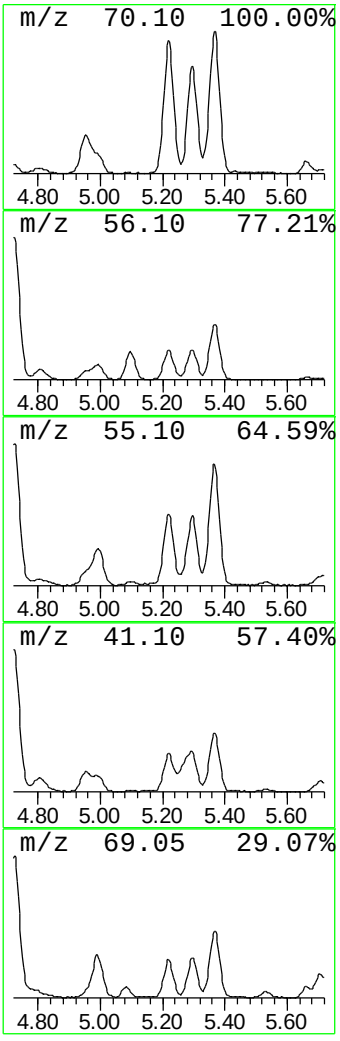
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic5.22 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	1.28 ug/L	294183	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	86
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	76
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	76





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

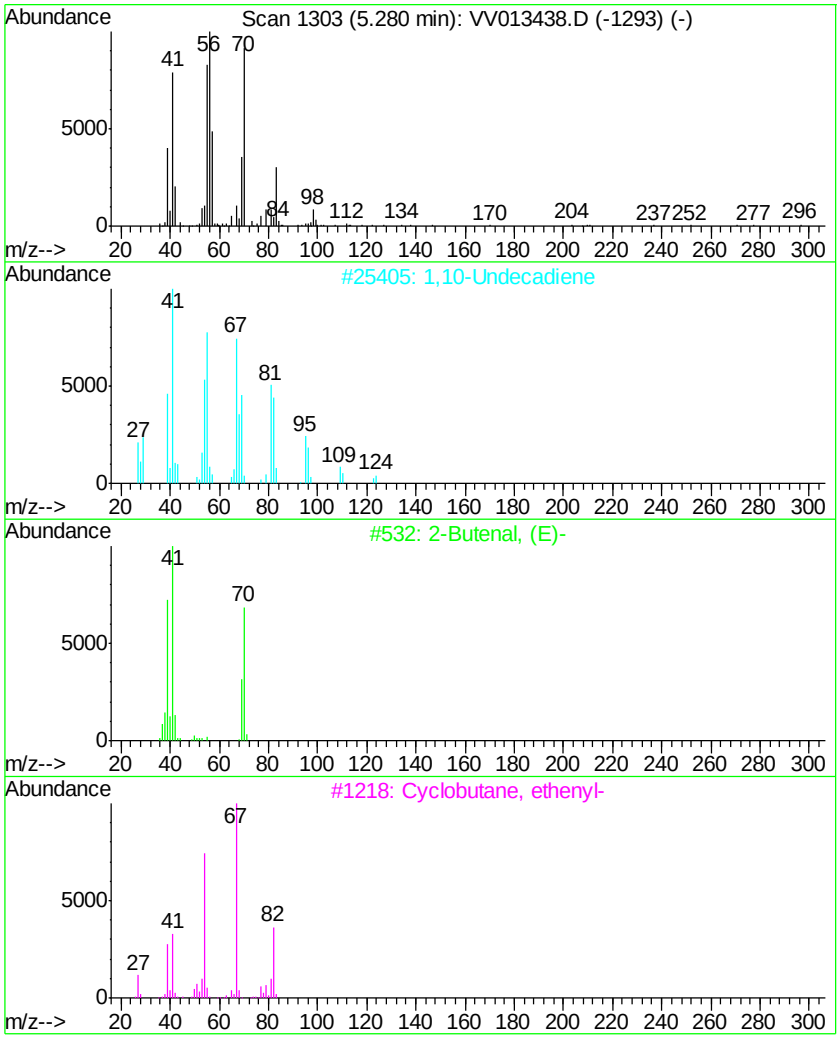
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

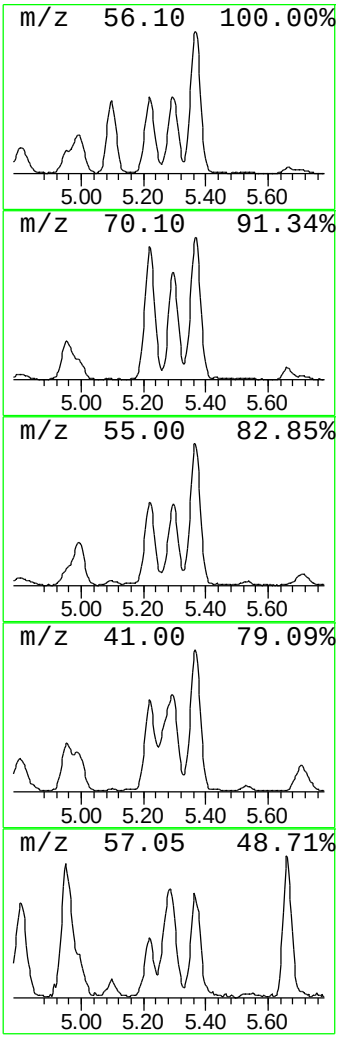
****

Peak Number 16 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	0.88 ug/L	202589	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Undecadiene	152	C11H20	013688-67-0	35
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	25
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	25
4	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	25
5	Cyclohexene	82	C6H10	000110-83-8	25





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

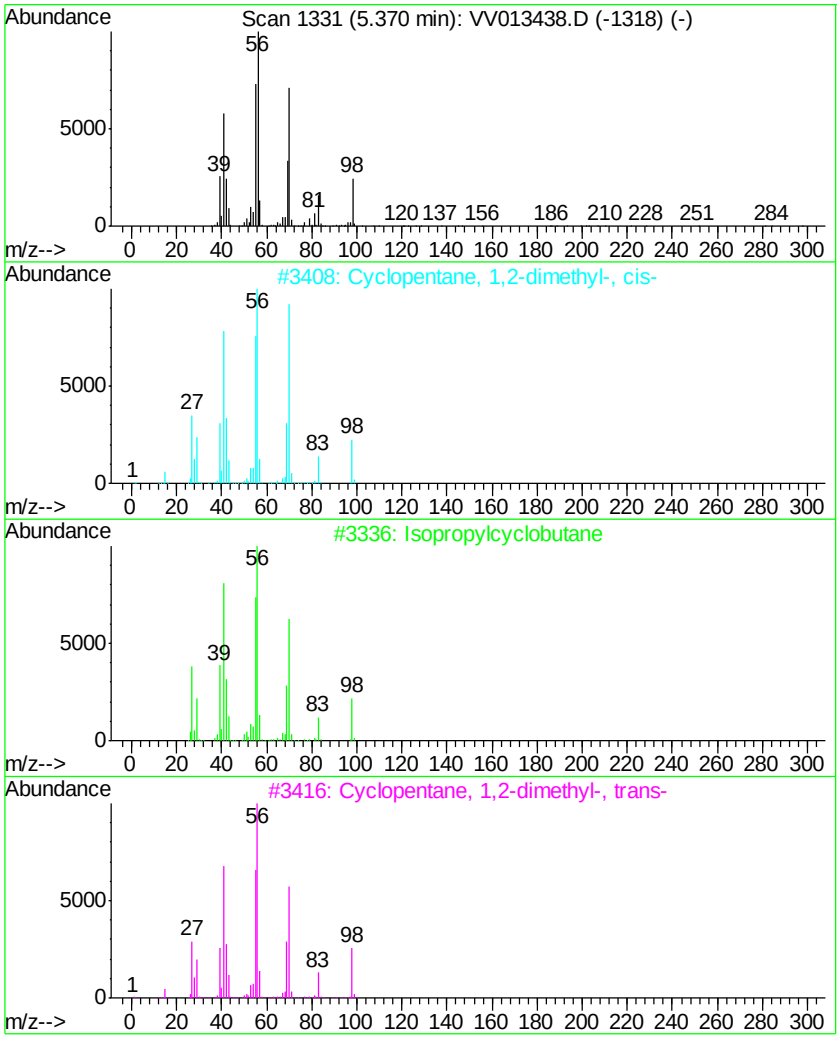
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

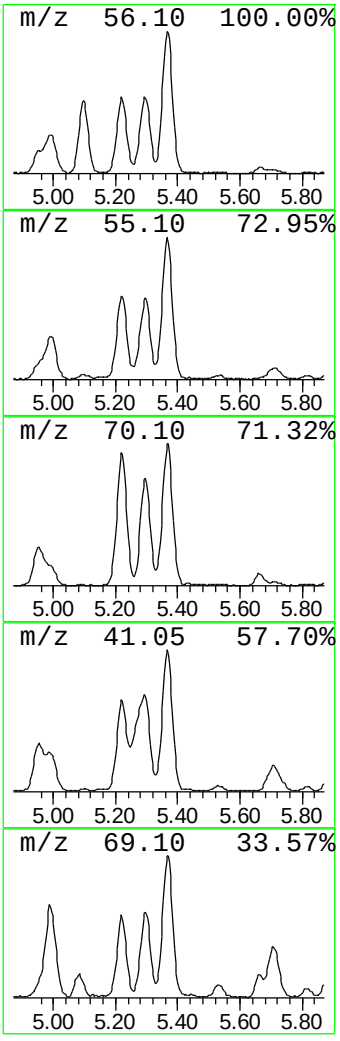
****

Peak Number 17 (DEL) Alkane: Cyclic5.37 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	4.66 ug/L	1069450	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

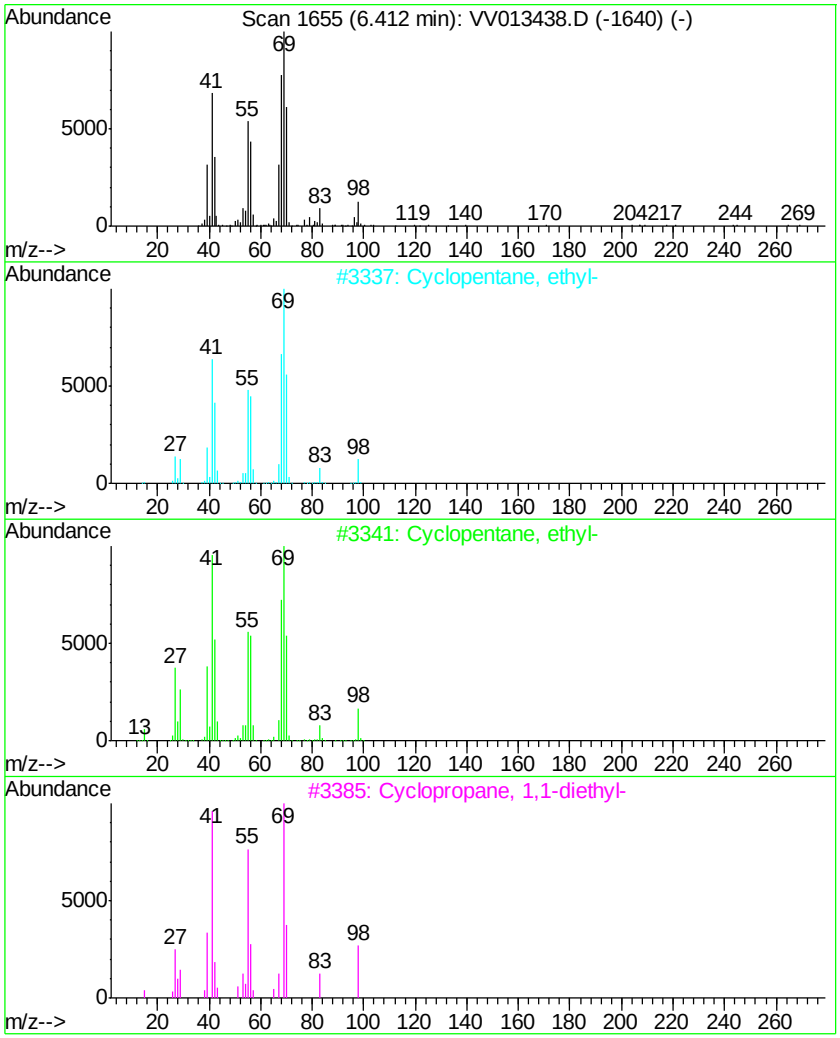
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

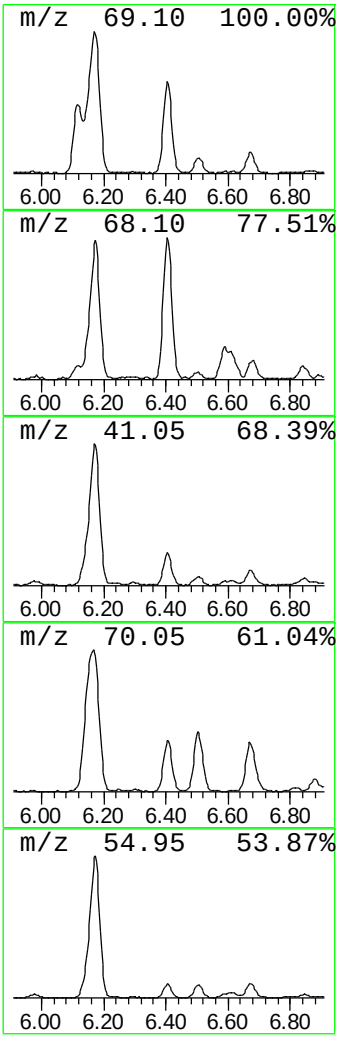
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic6.41 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	1.67 ug/L	383856	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	87
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	43





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

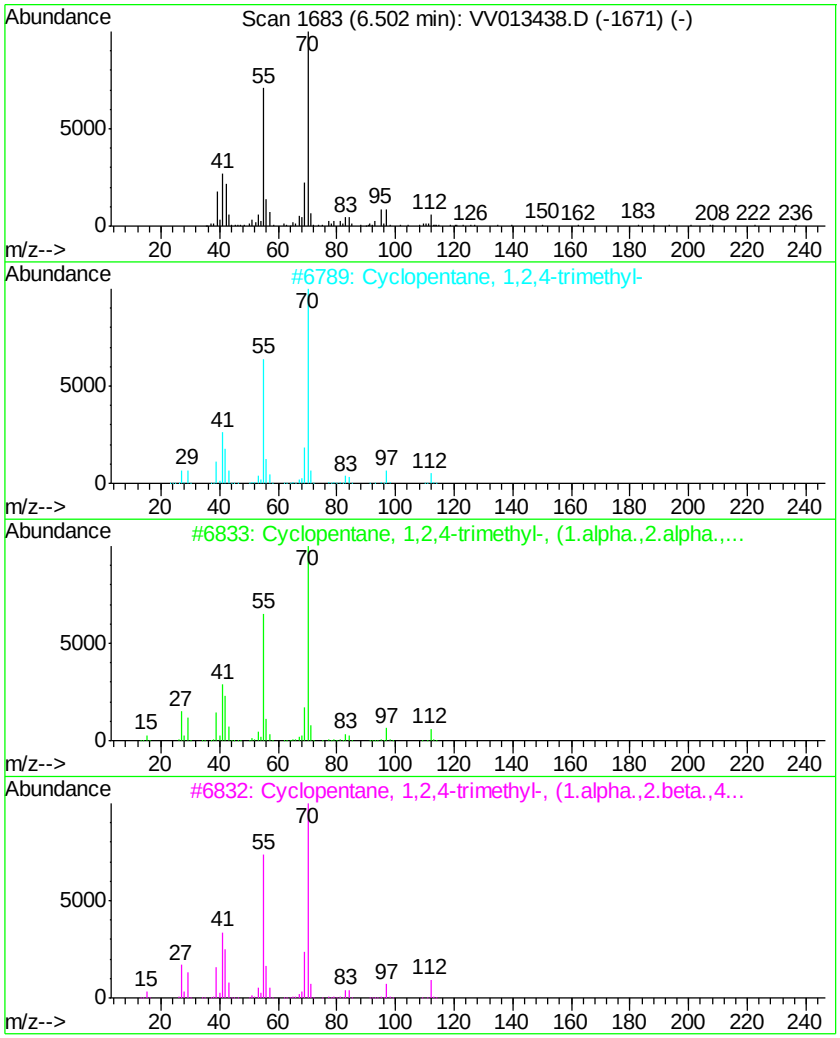
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

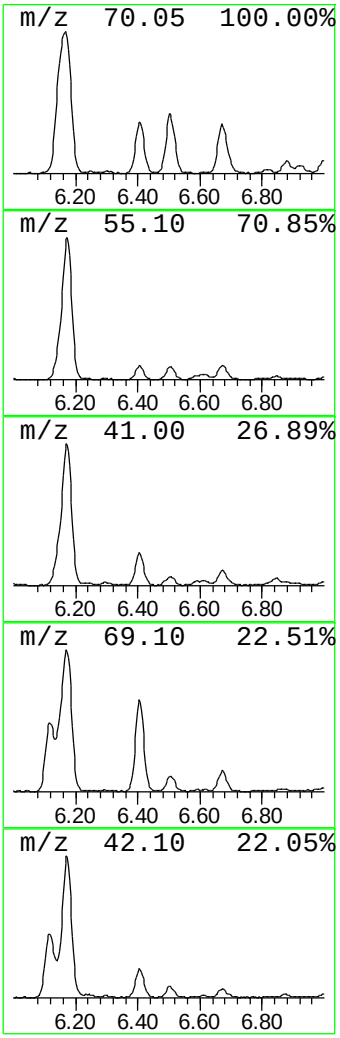
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic6.50 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.75 ug/L	172973	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

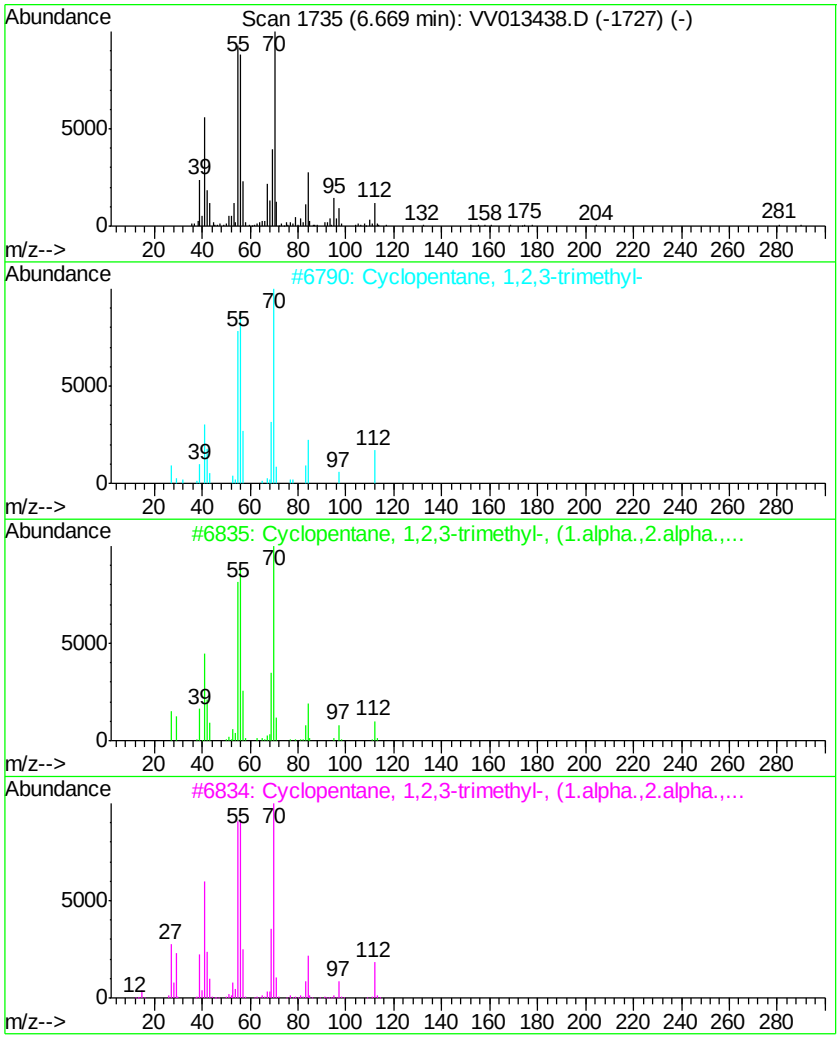
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

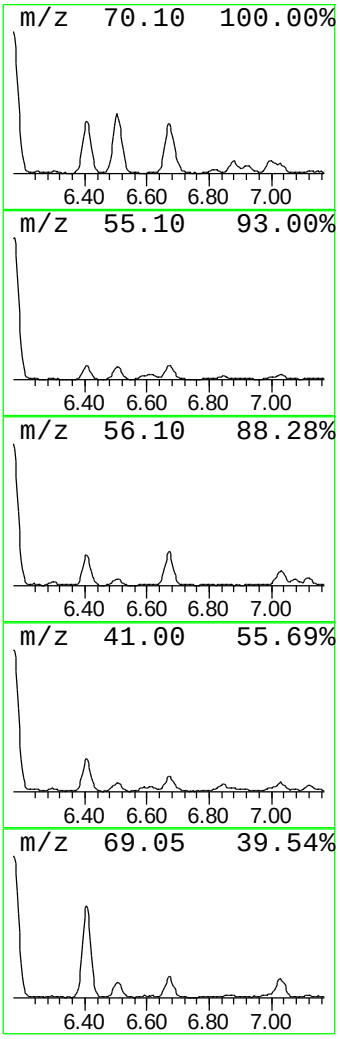
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic6.67 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	1.31 ug/L	301001	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
4	3-Octene, (E)-	112	C8H16	014919-01-8	64
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	59





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

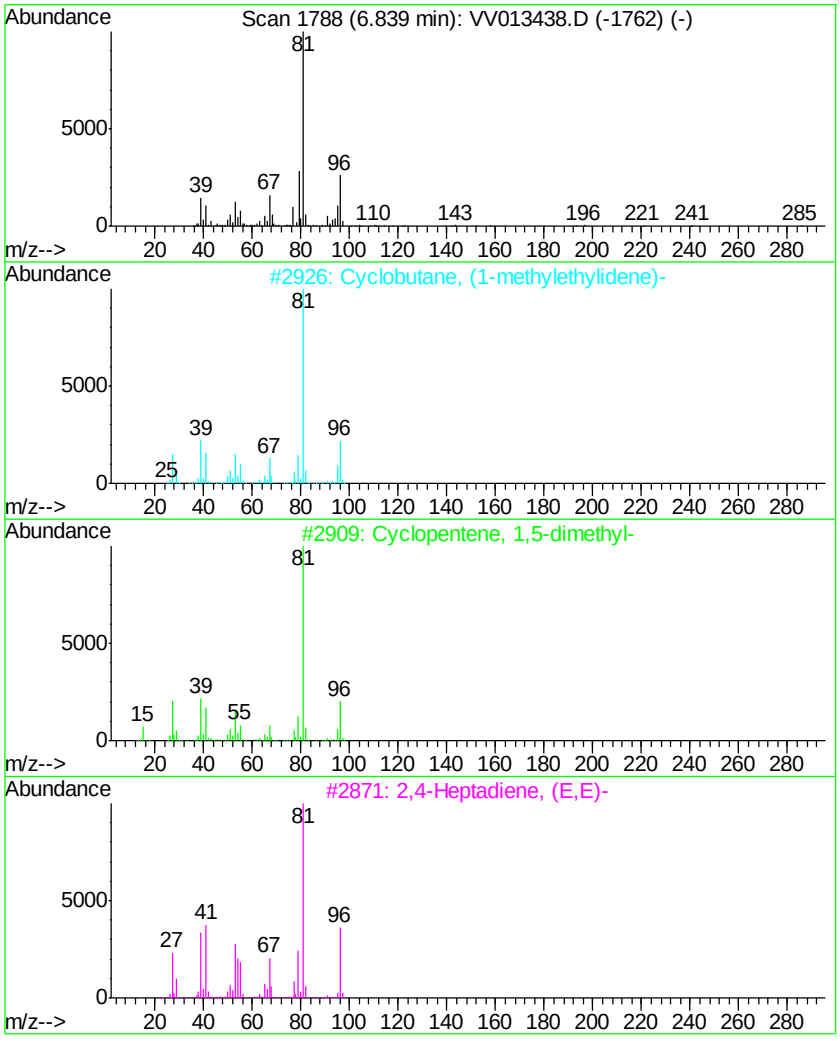
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

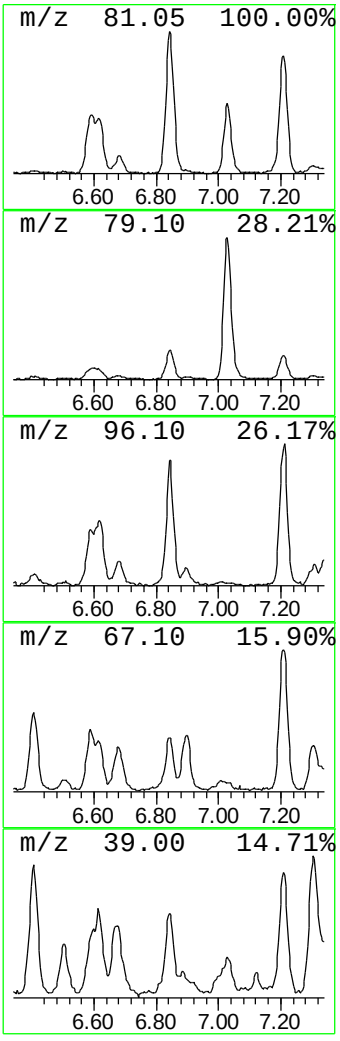
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclobutane, (1-methylethyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	1.52 ug/L	348406	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	80
3	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	72
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

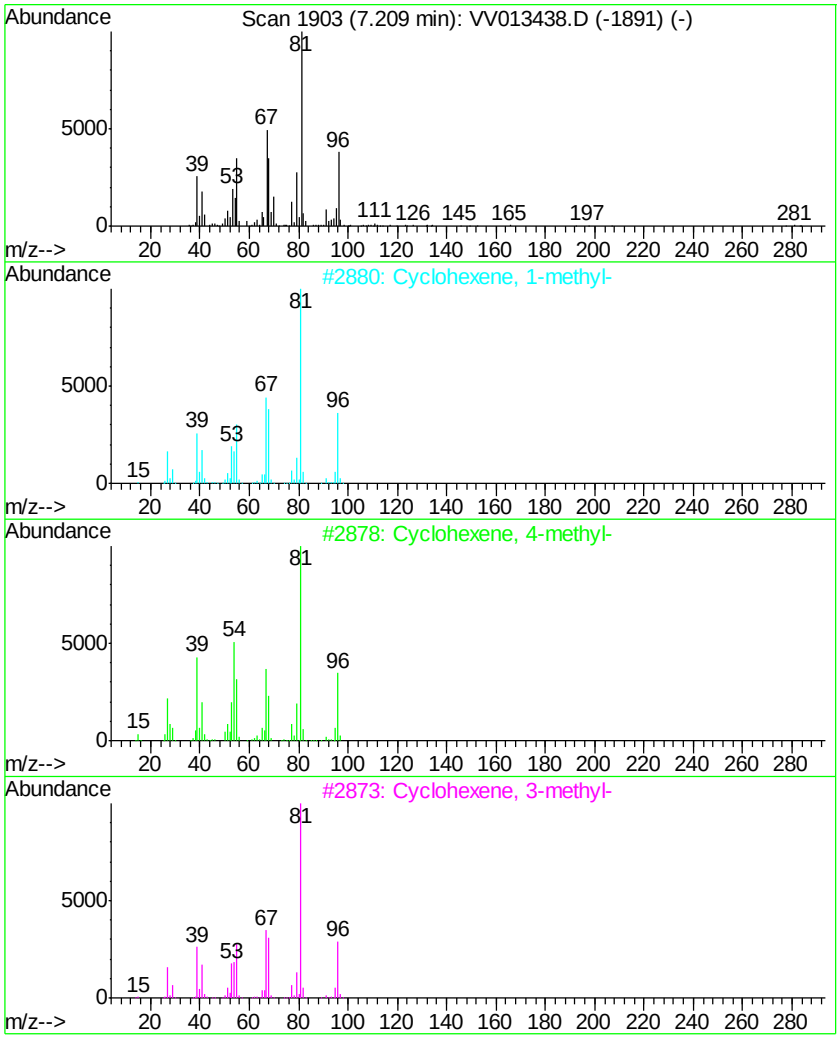
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

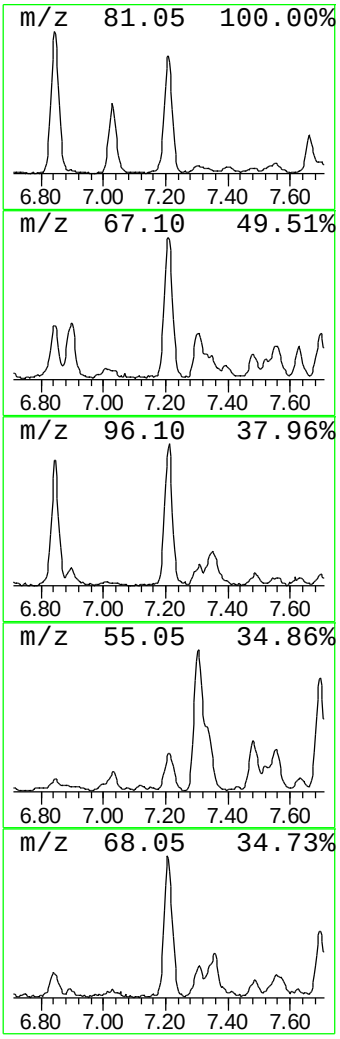
****

Peak Number 23 Cyclohexene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	1.68 ug/L	386187	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	91
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

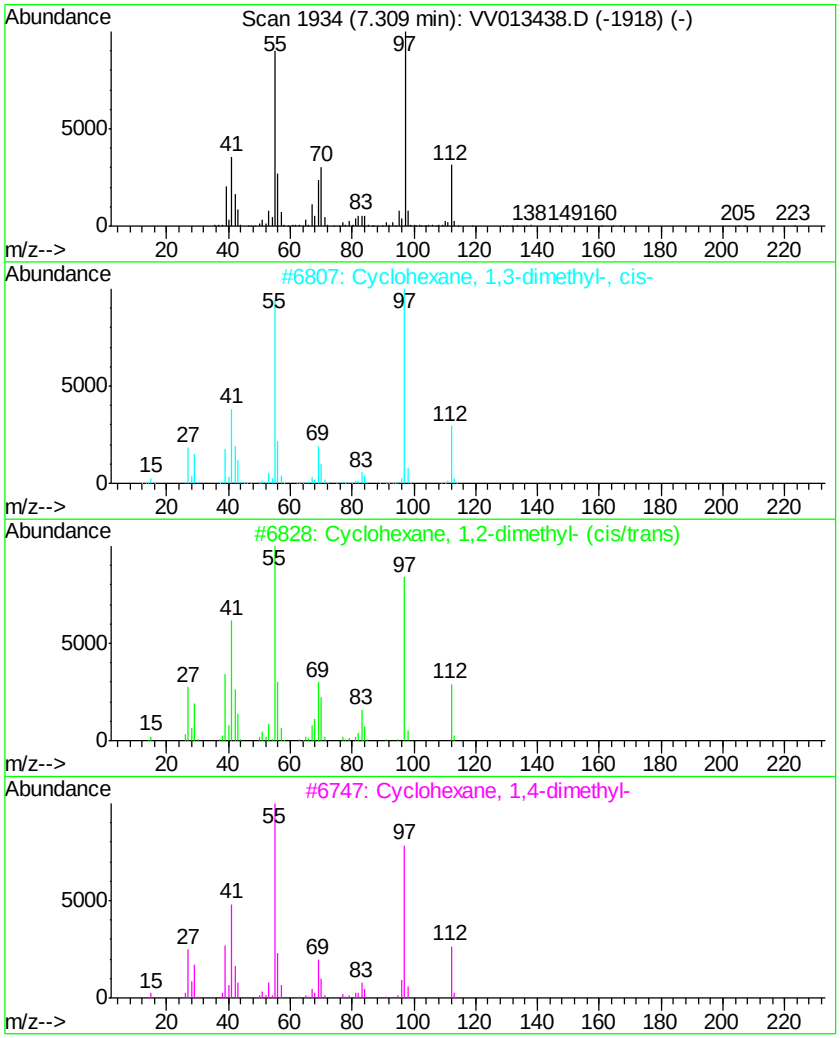
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

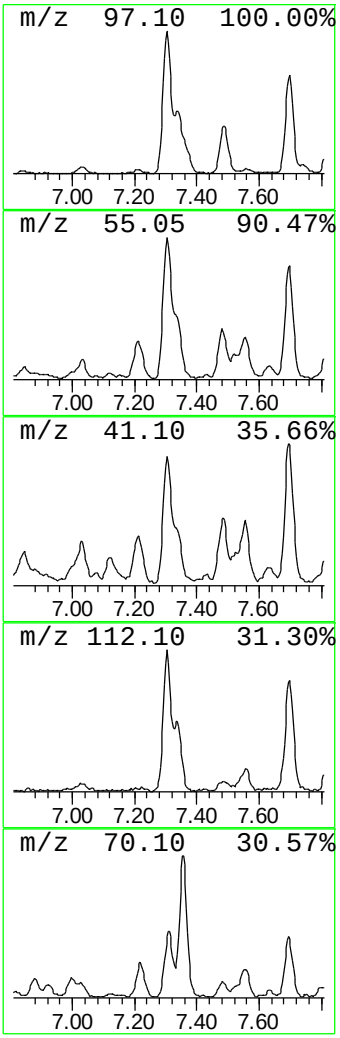
****

Peak Number 24 (DEL) Alkane: Cyclic7.31 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	2.43 ug/L	532740	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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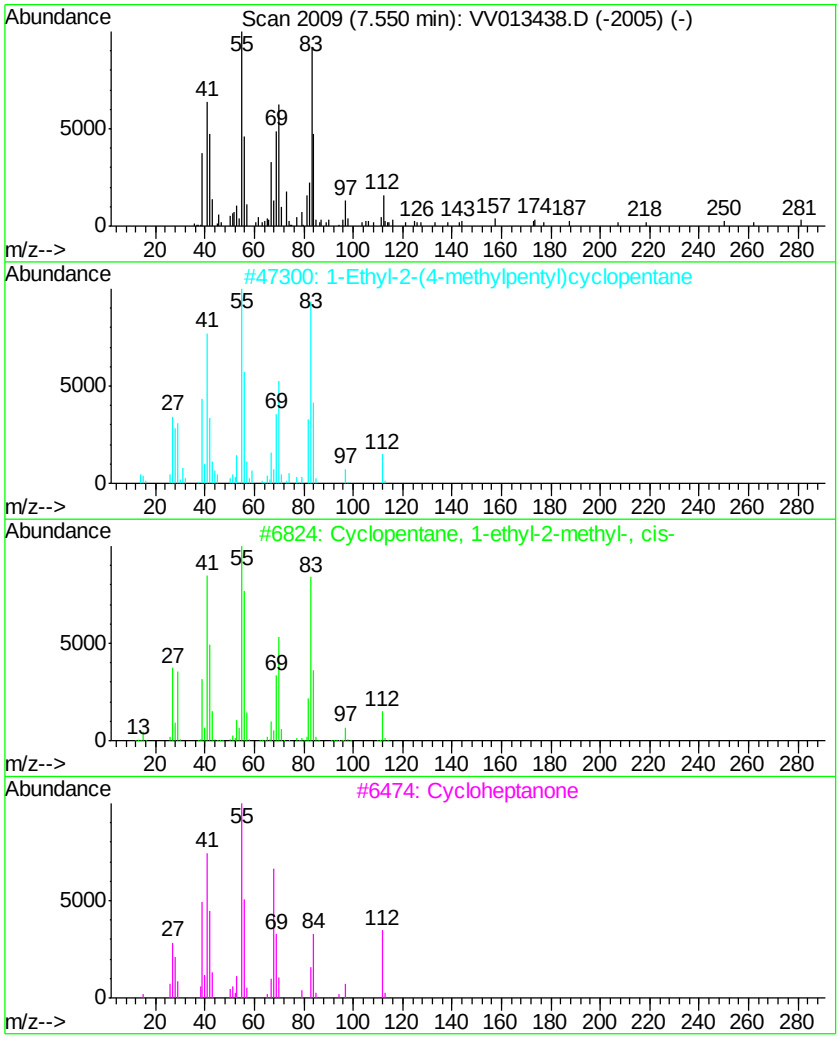
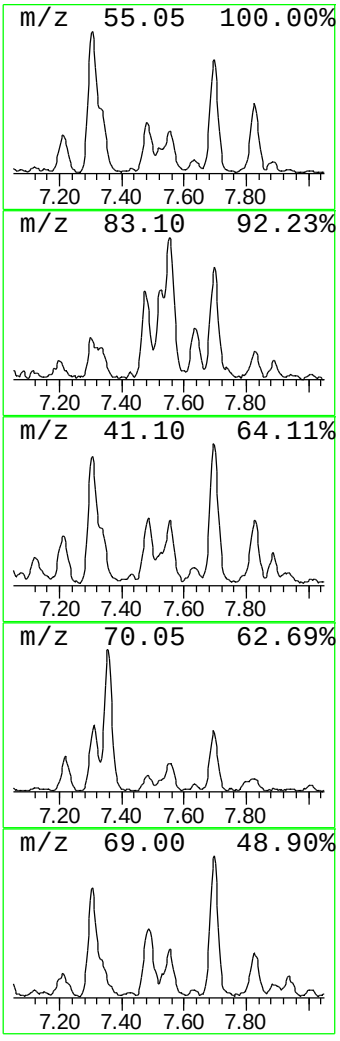
Peak Number 25 (DEL) Alkane: Cyclic7.55 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	0.86 ug/L	188022	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	72
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
3	Cycloheptanone	112	C7H12O	000502-42-1	43
4	2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	30
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	30





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

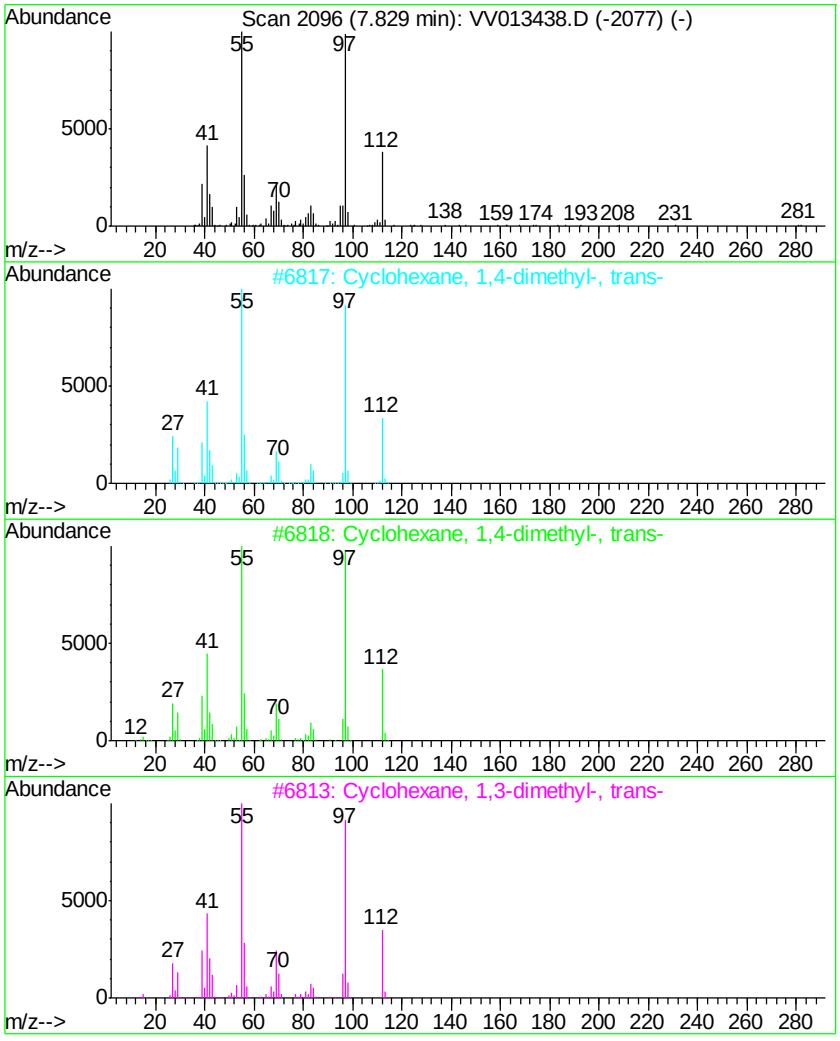
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

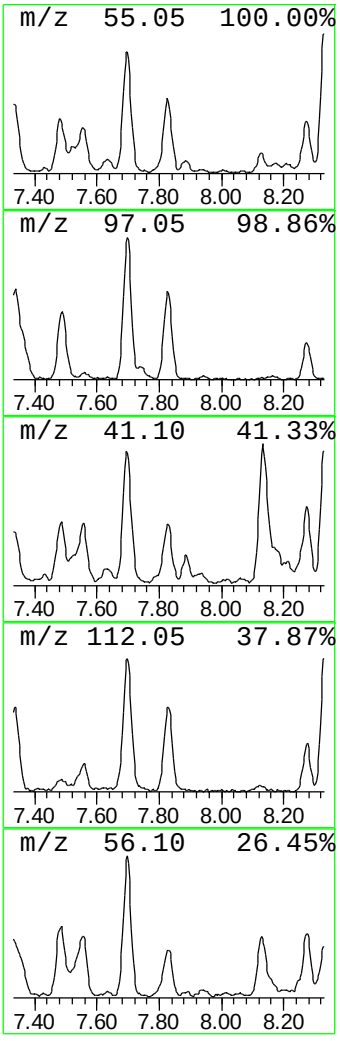
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic7.83 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	1.16 ug/L	253645	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

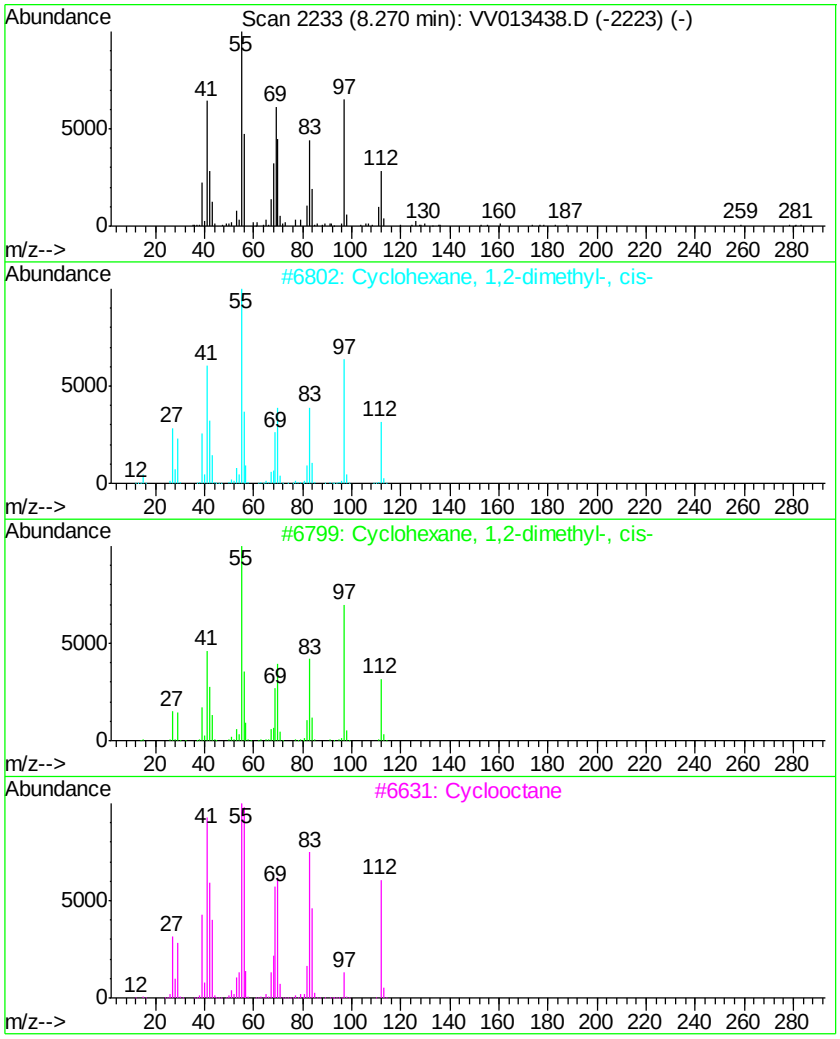
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

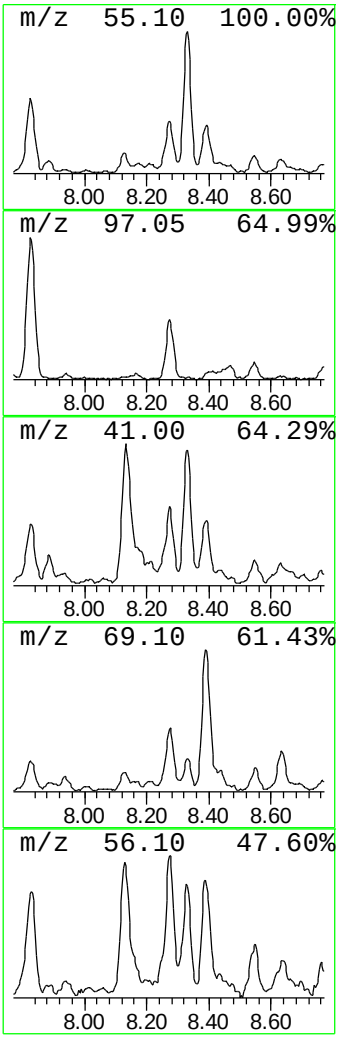
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic8.27 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	1.01 ug/L	221790	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
3	Cyclooctane	112	C8H16	000292-64-8	70
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	58





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

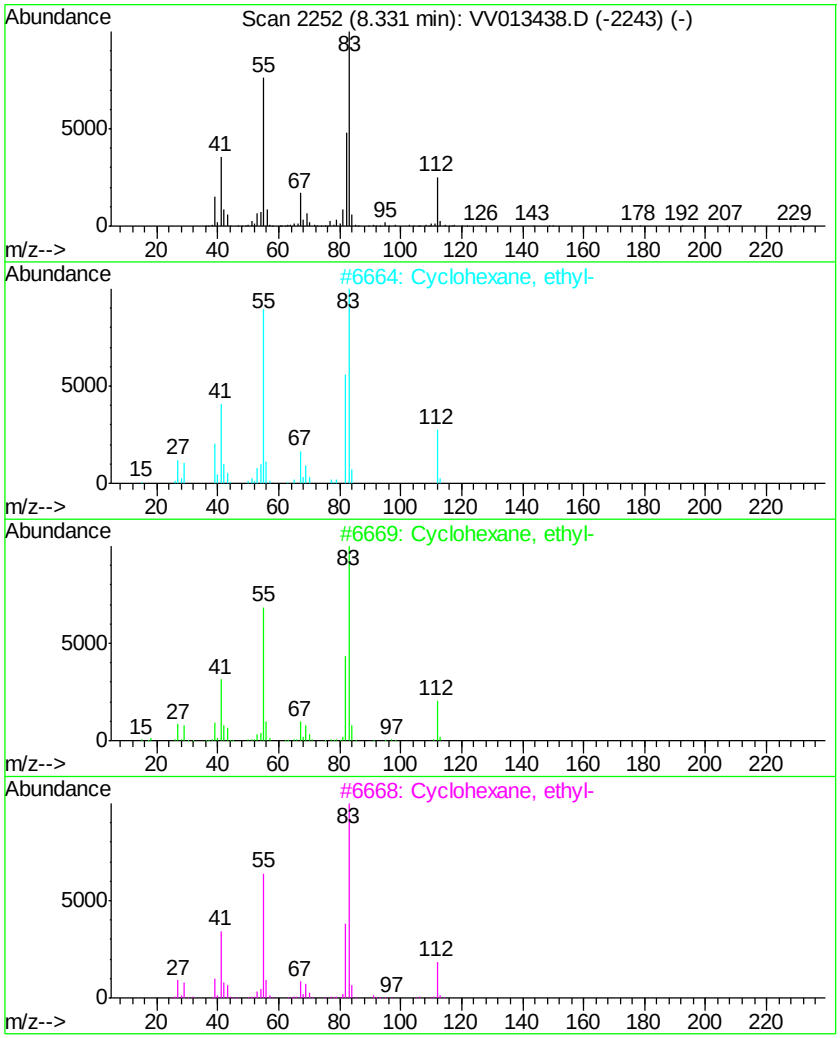
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

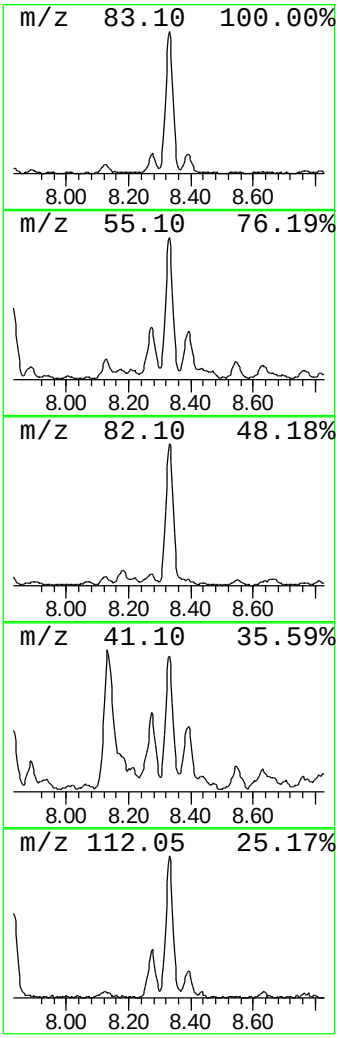
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	1.67 ug/L	367037	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

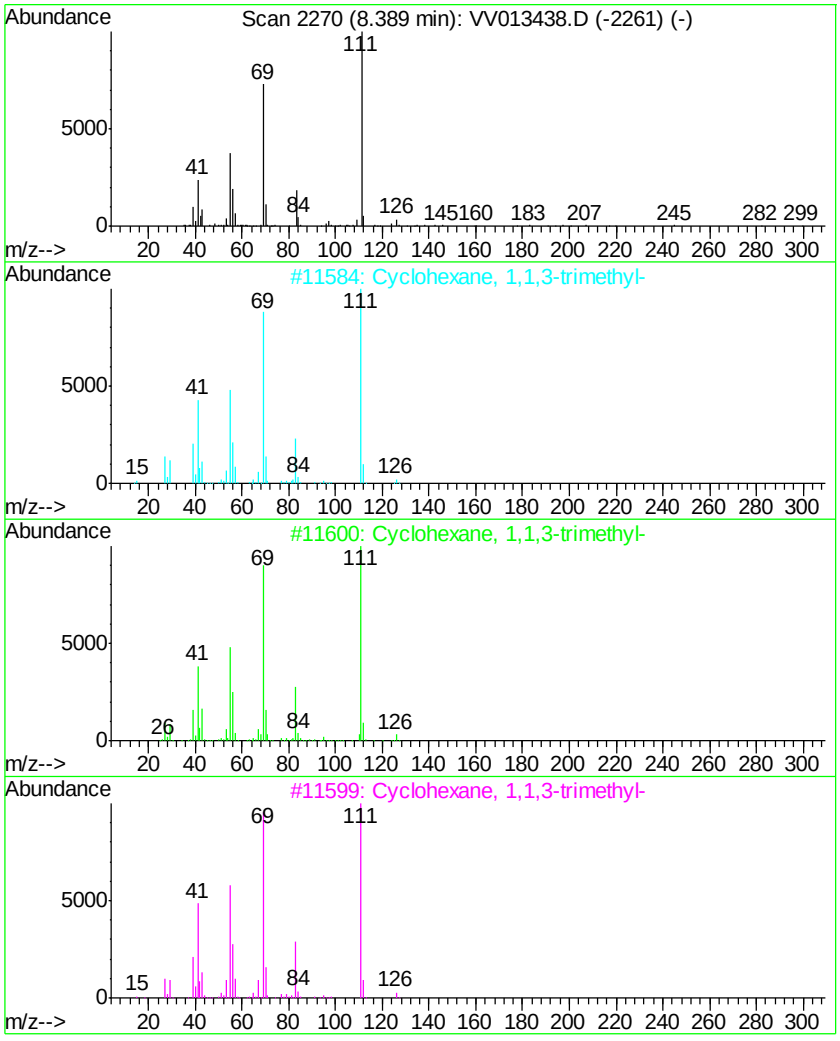
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

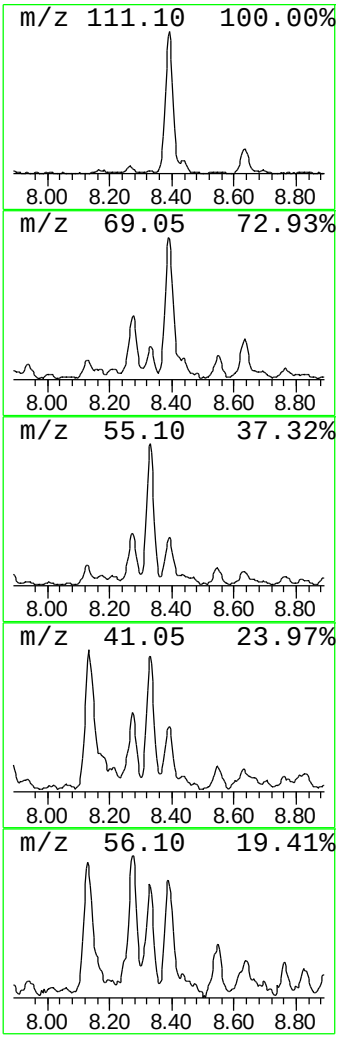
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.39 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	1.03 ug/L	224939	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
4	Ethyl 3,3,3-trifluoro-2-[3-(2-fl...	308	C12H12F4N2O3	1000225-32-1	53
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

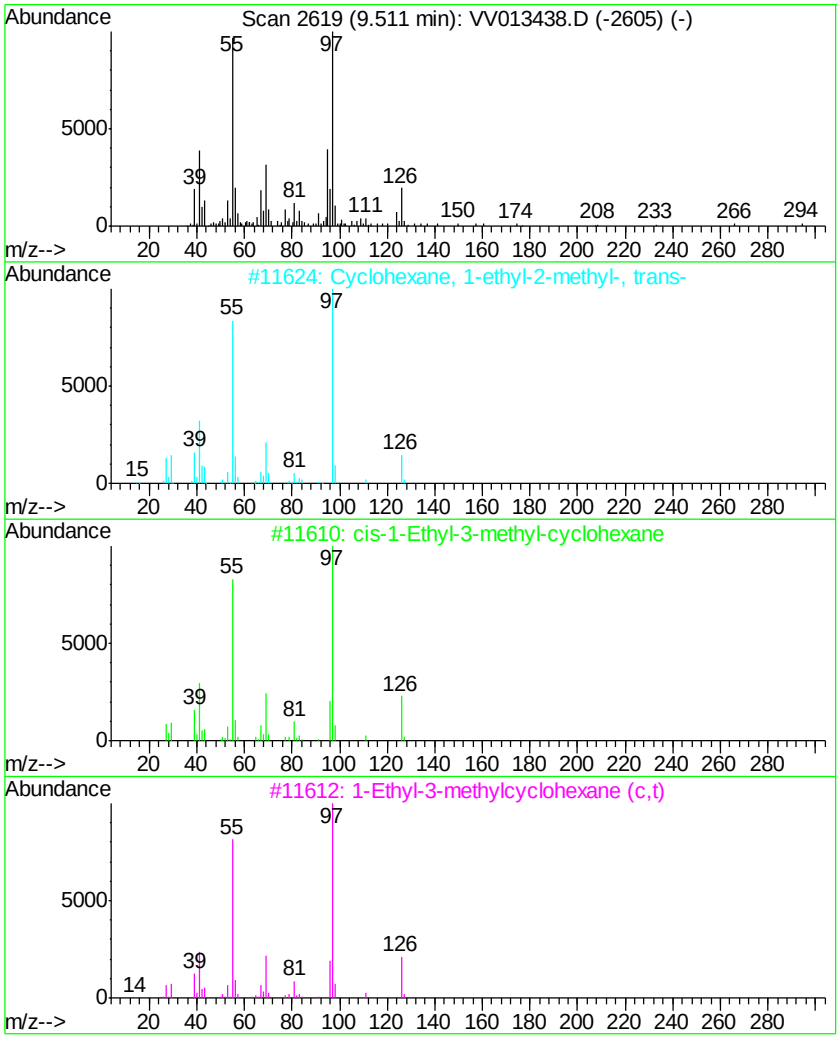
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

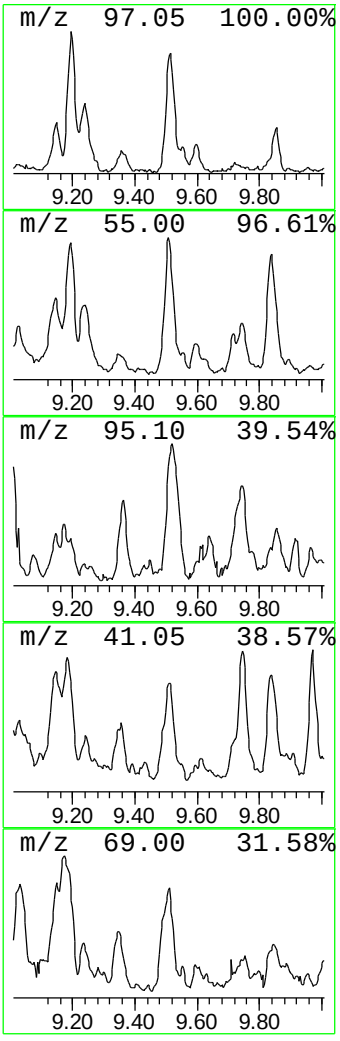
****

Peak Number 30 (DEL) Alkane: Cyclic9.51 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	0.76 ug/L	167589	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	92
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	70
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	62
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

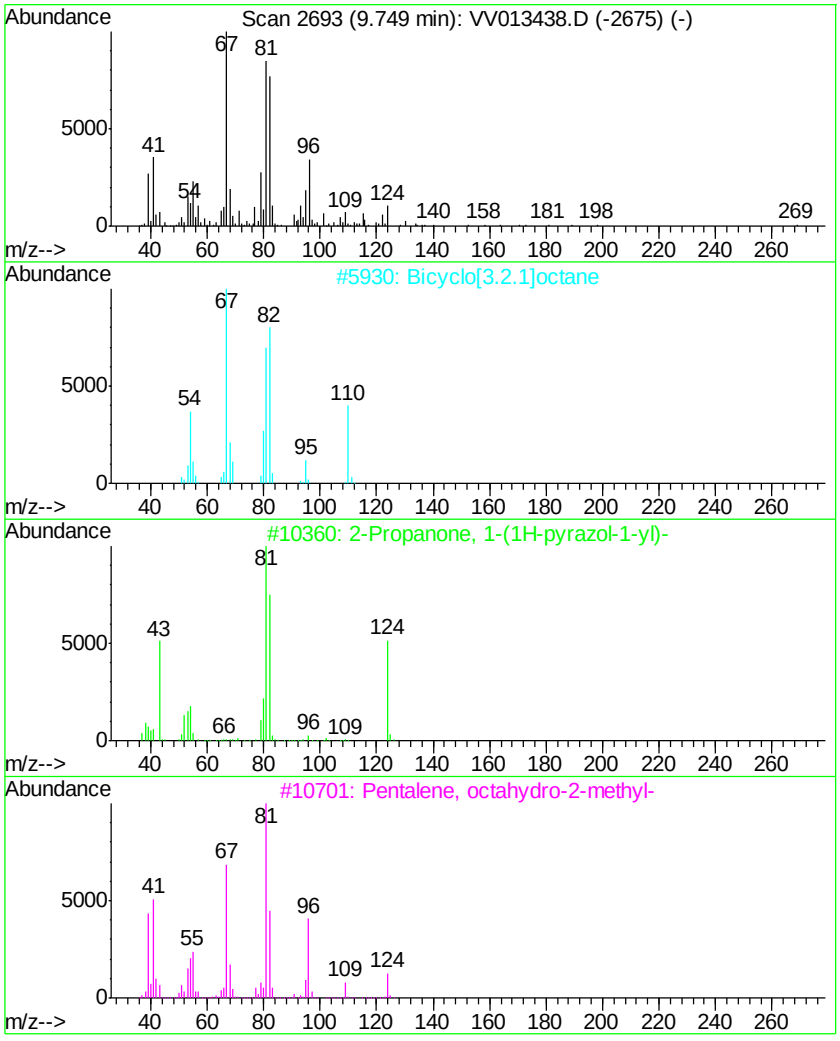
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

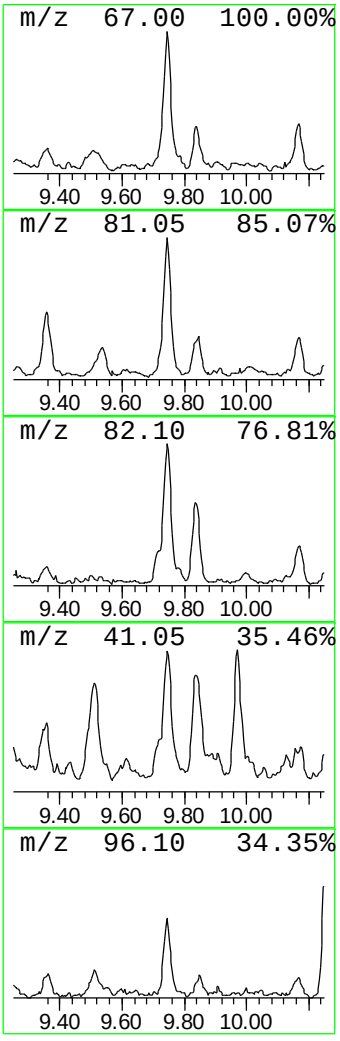
****

Peak Number 31 Bicyclo[3.2.1]octane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	1.05 ug/L	229982	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
2	2-Propanone, 1-(1H-pyrazol-1-yl)-	124	C6H8N2O	1000337-51-8	46
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

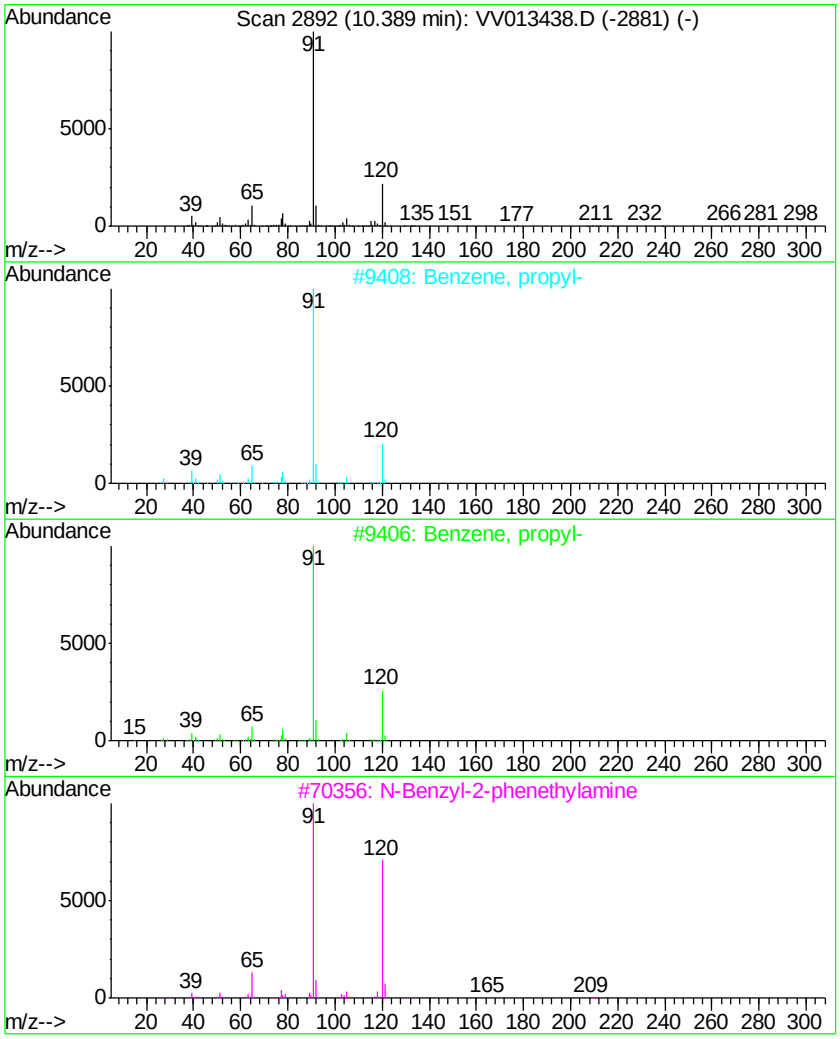
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

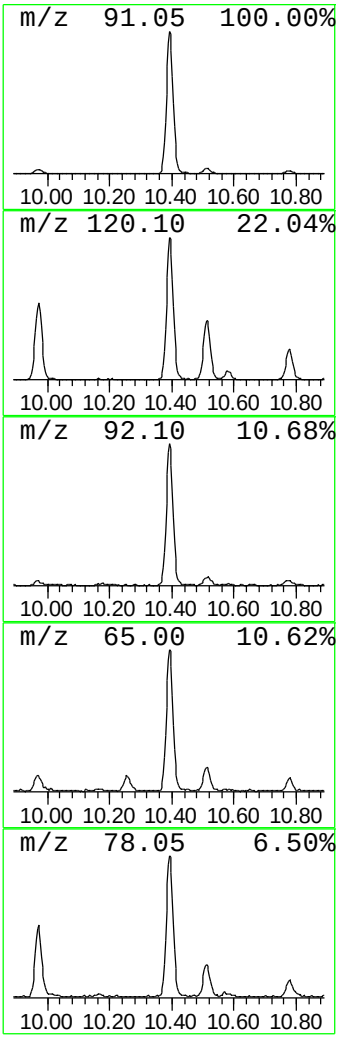
****

Peak Number 32 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	4.23 ug/L	1179520	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

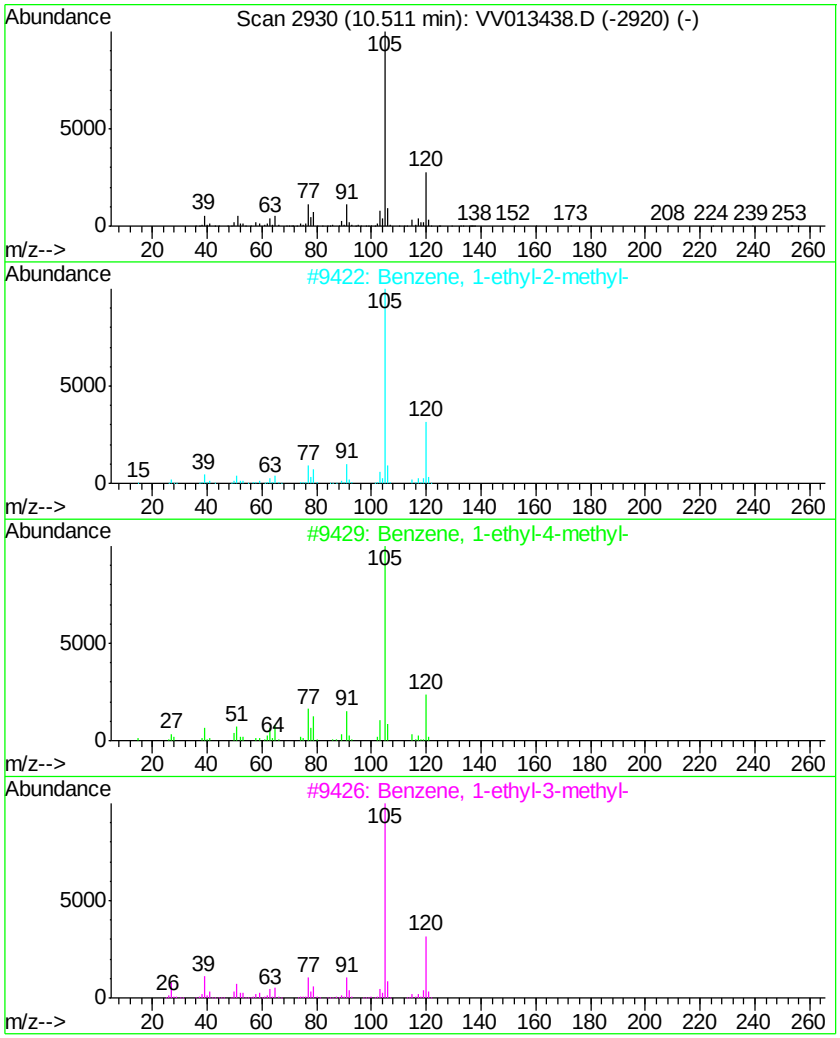
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

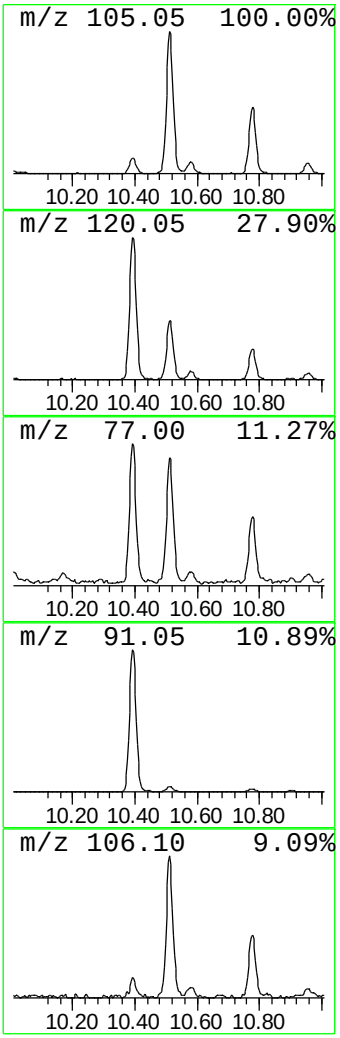
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	1.61 ug/L	447912	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

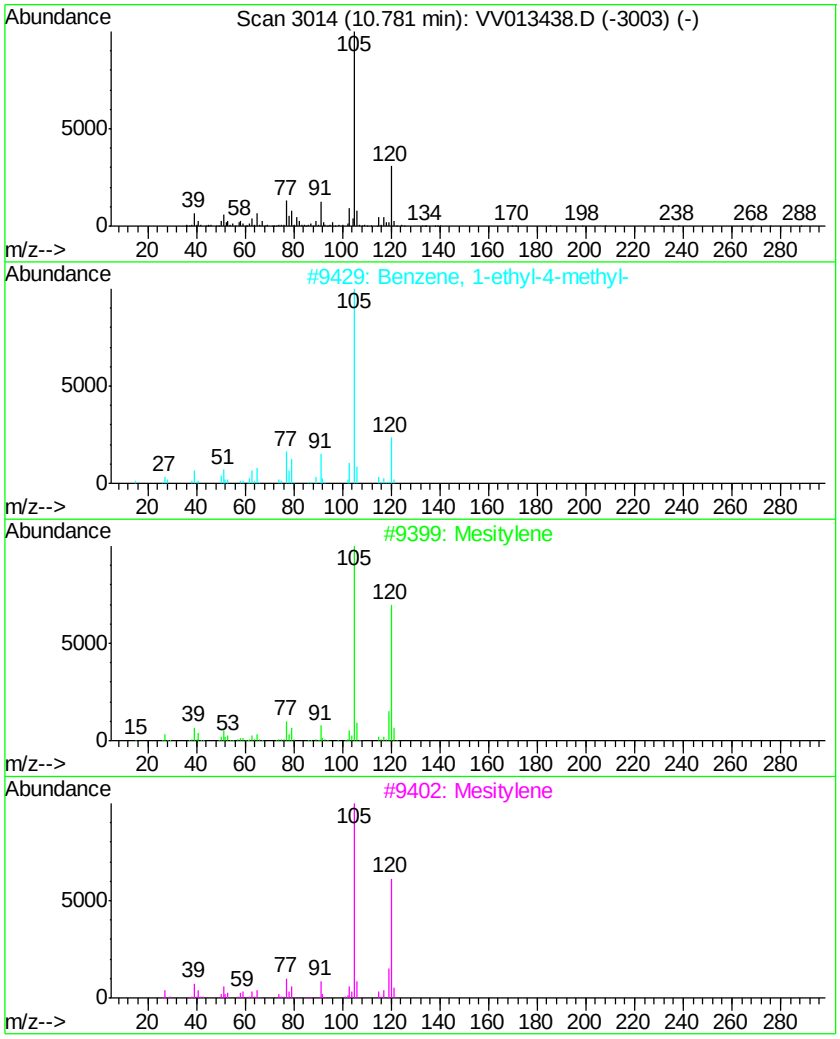
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

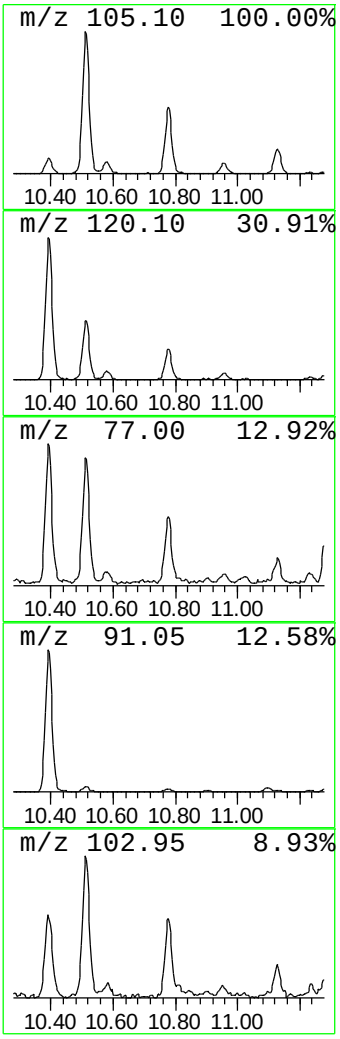
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	0.90 ug/L	252107	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Mesitylene	120	C9H12	000108-67-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

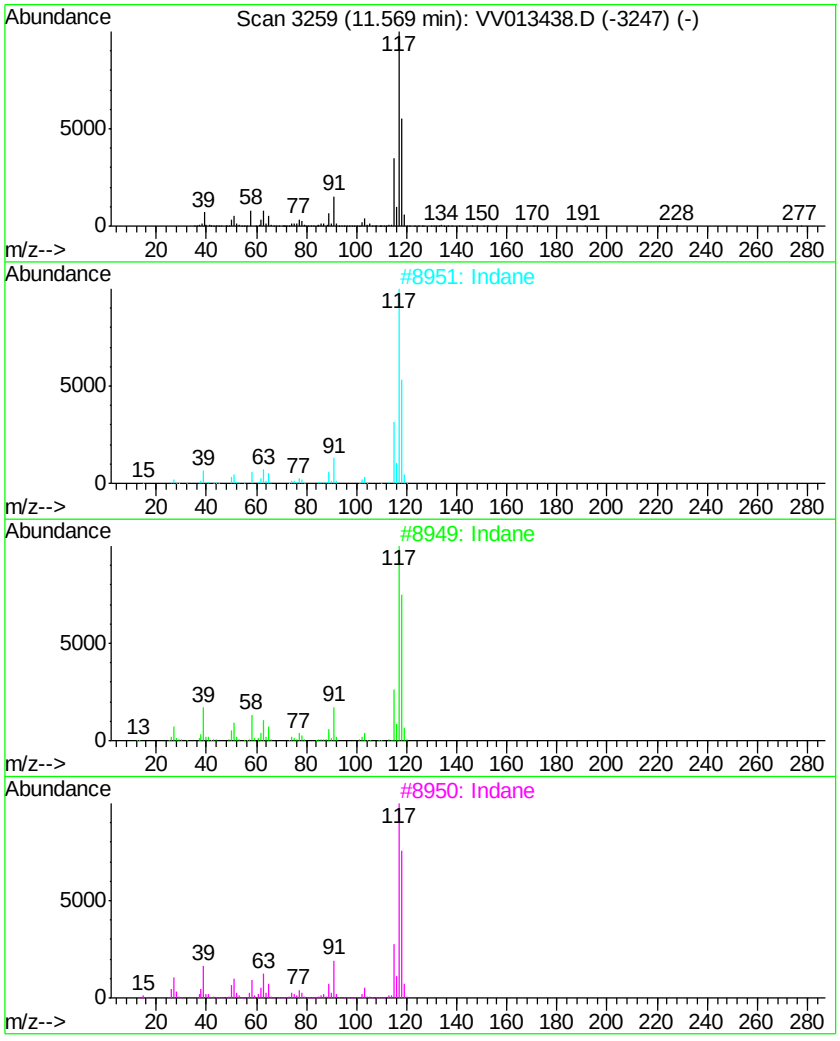
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

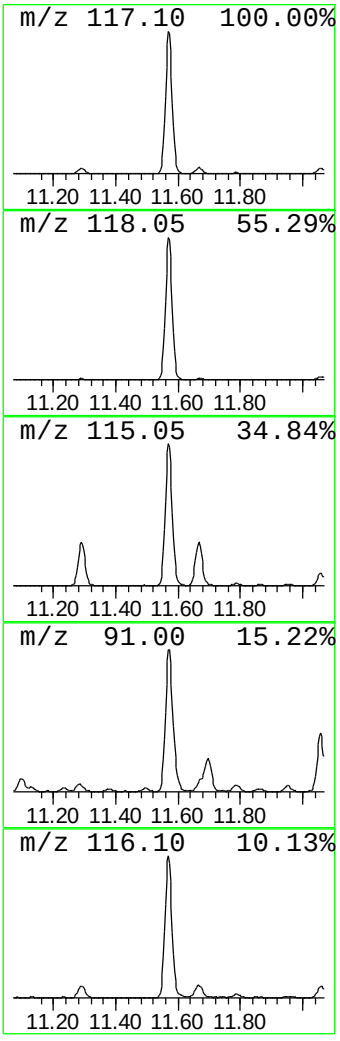
****

Peak Number 35 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	14.31 ug/L	3989500	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83





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Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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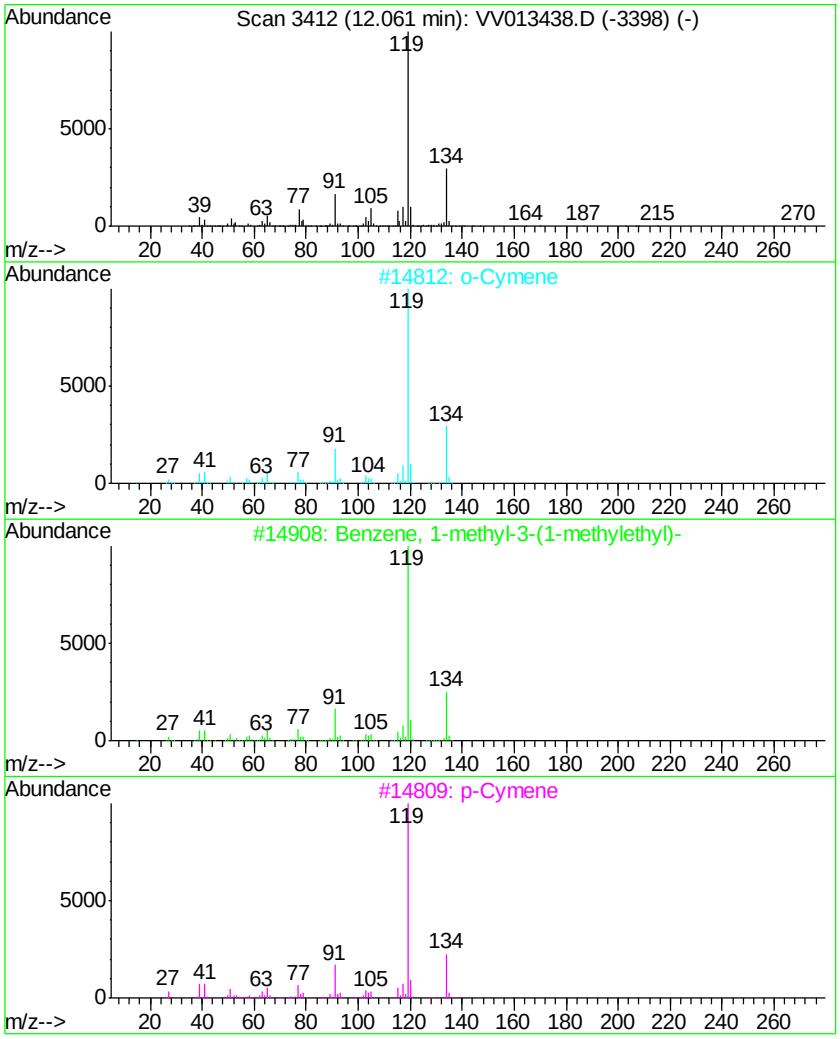
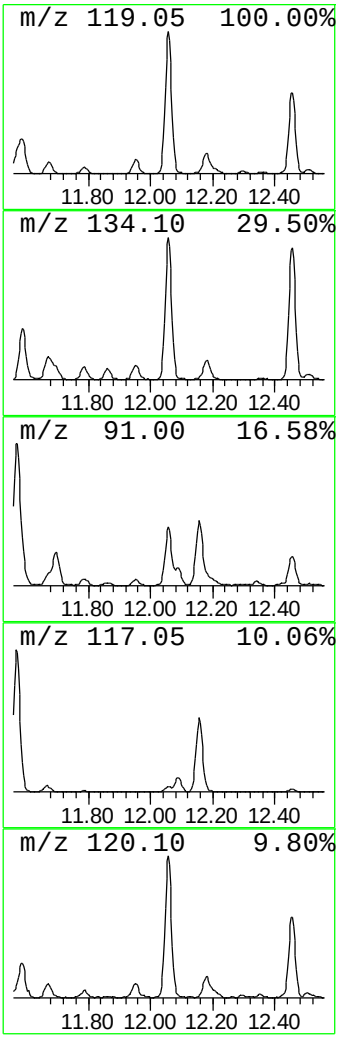
Peak Number 36 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.24 ug/L	1180980	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

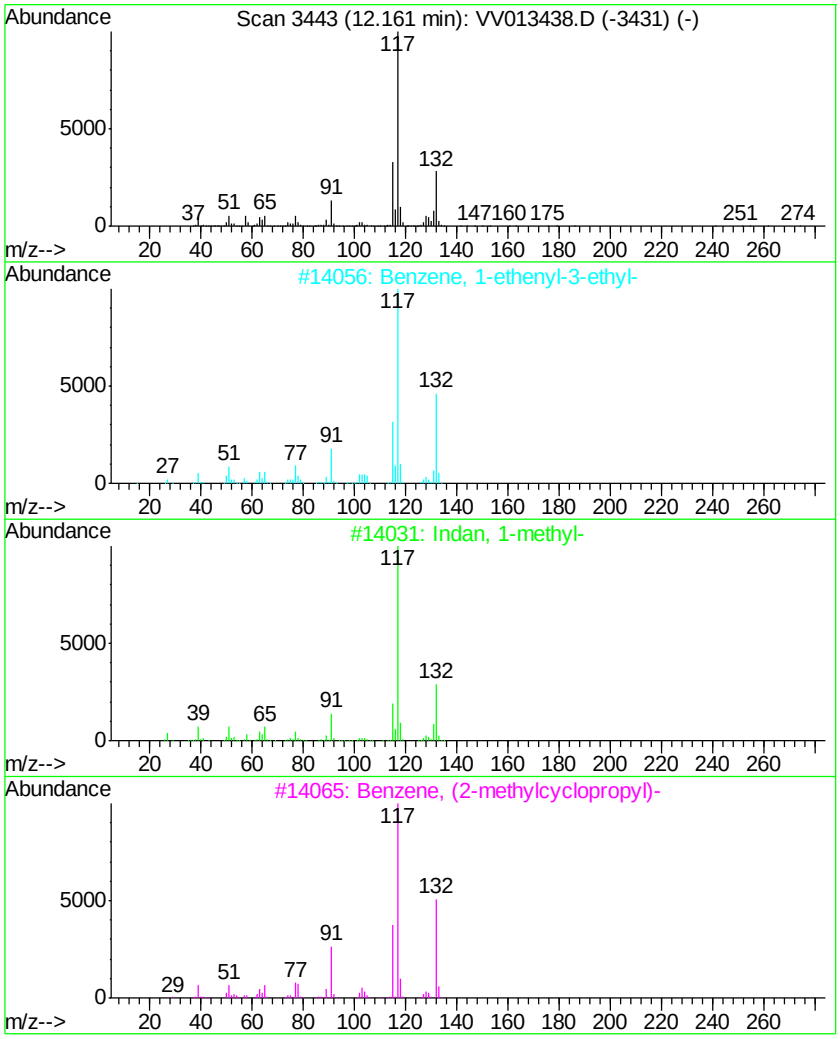
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

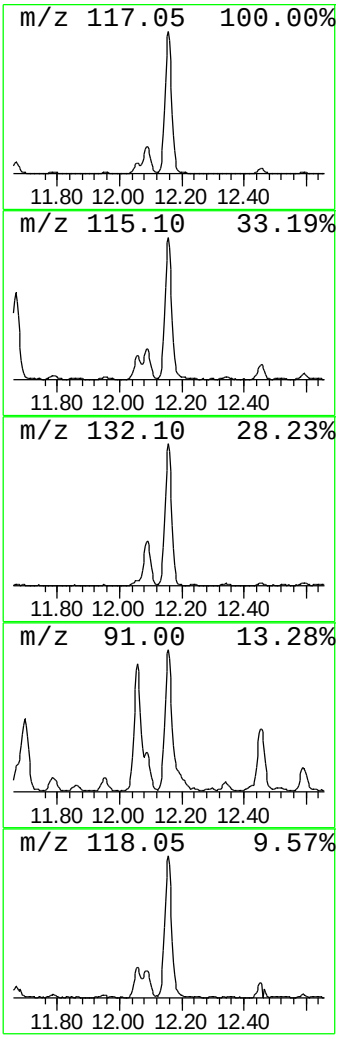
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	7.09 ug/L	1975570	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

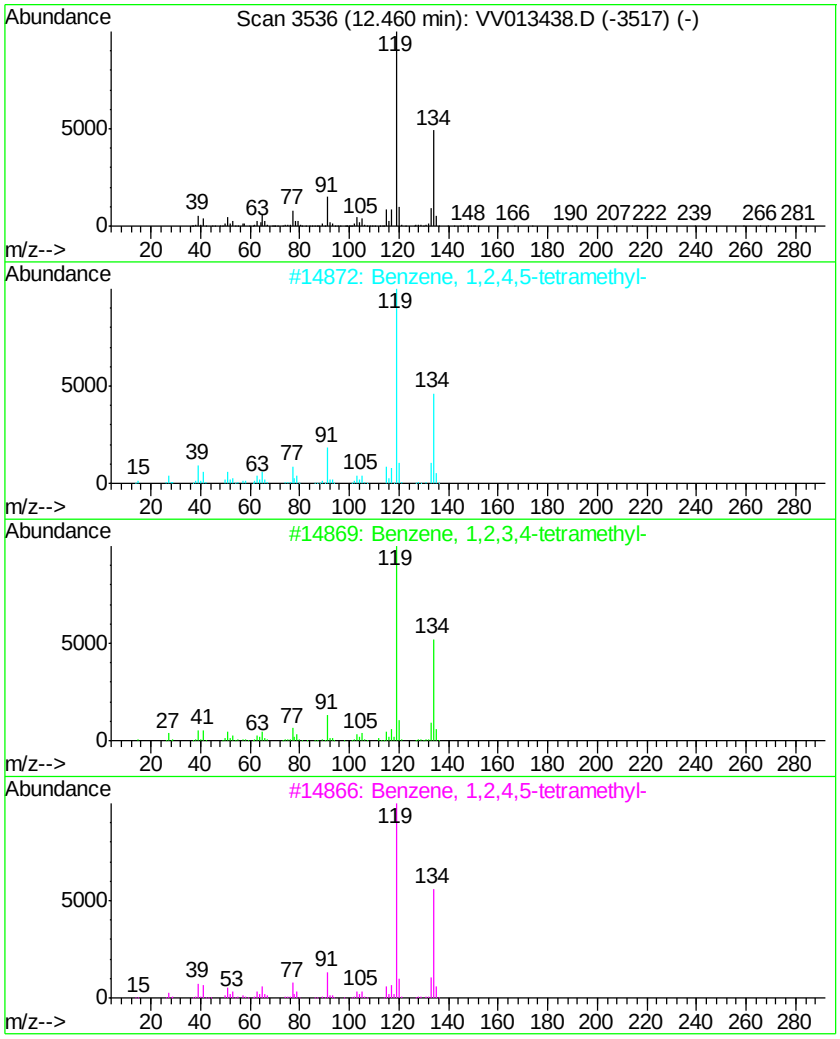
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

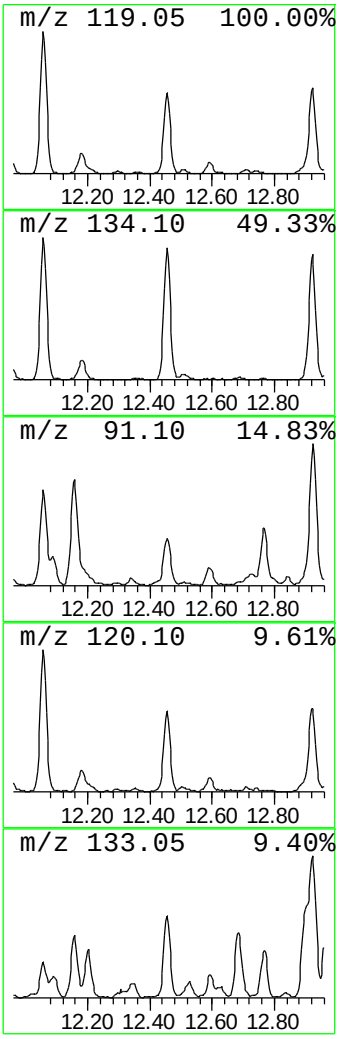
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.66 ug/L	741518	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

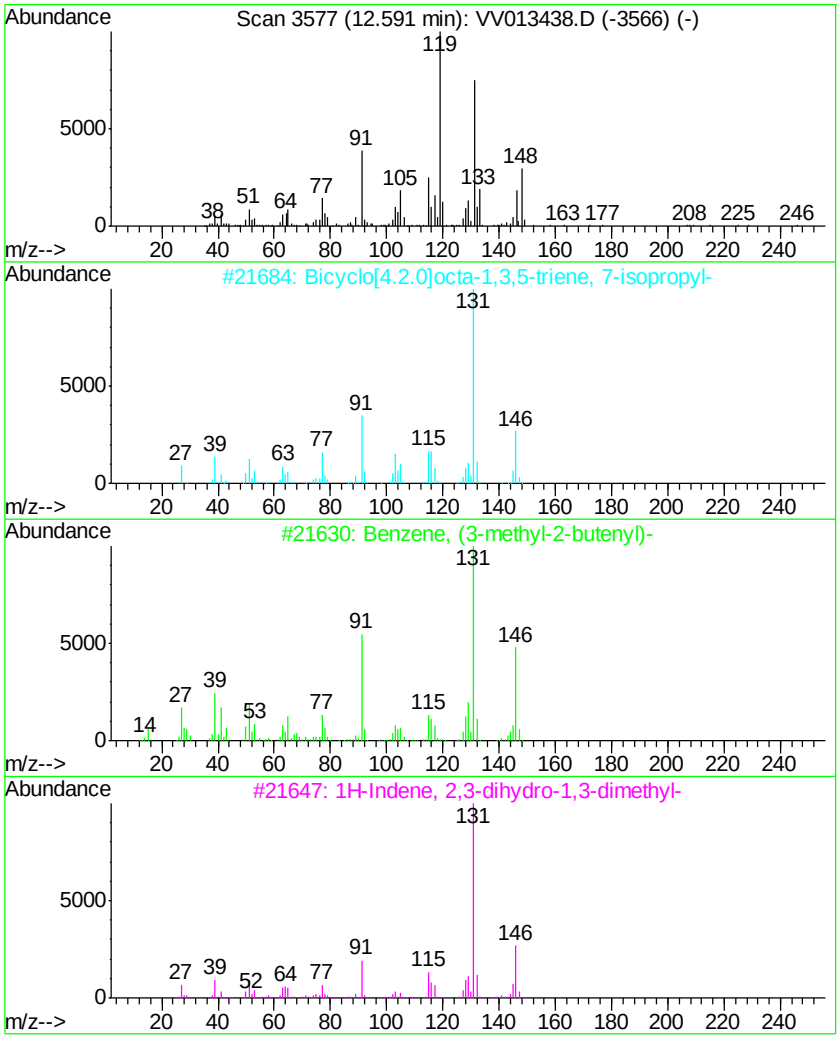
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

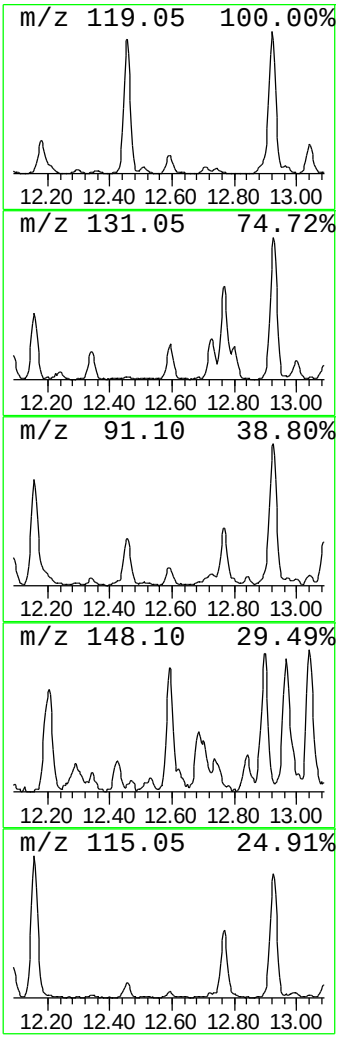
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	0.71 ug/L	197844	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	86
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	84
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

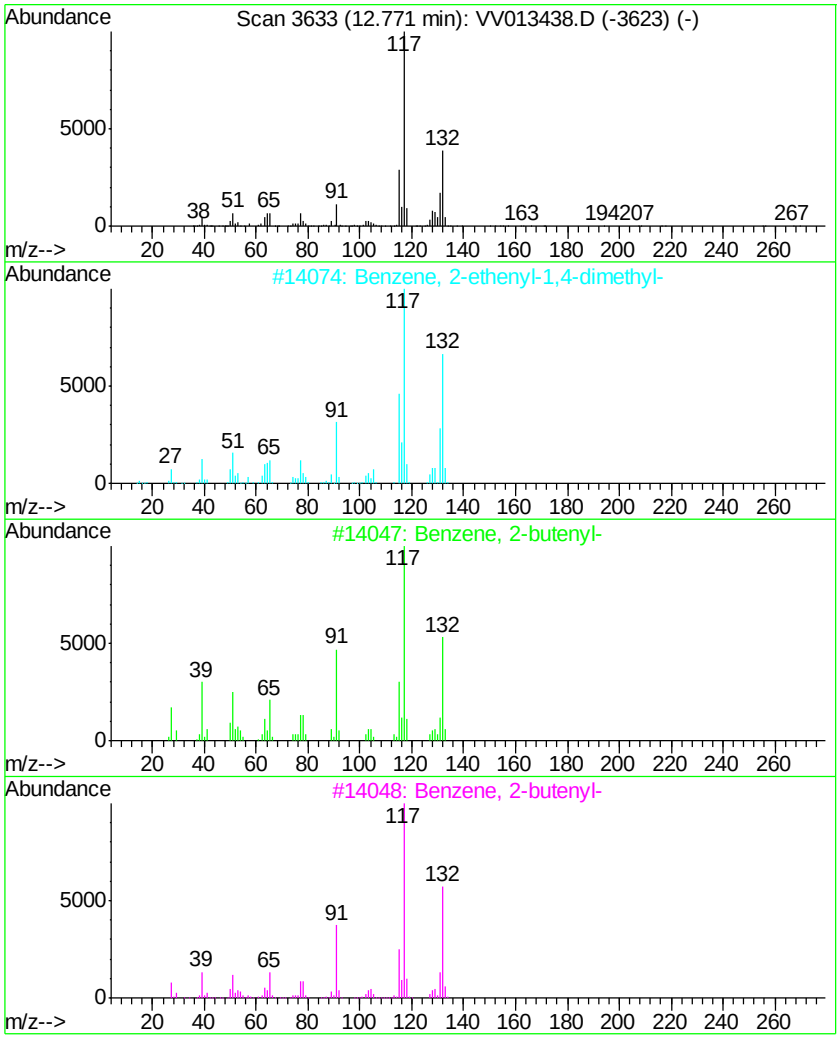
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

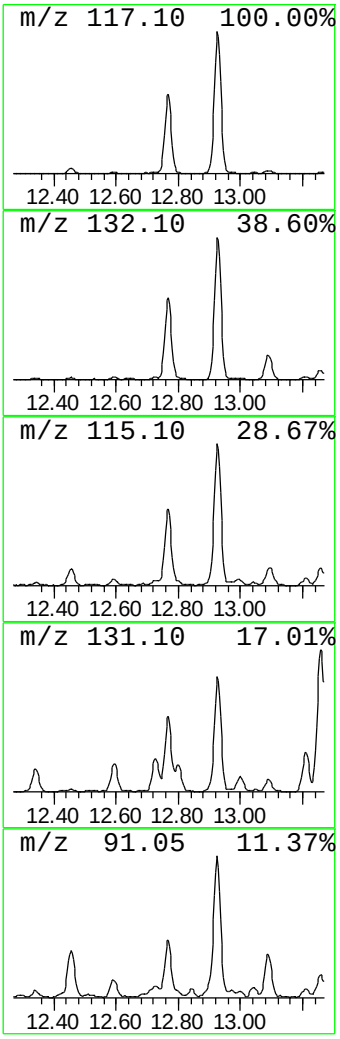
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.02 ug/L	1119510	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

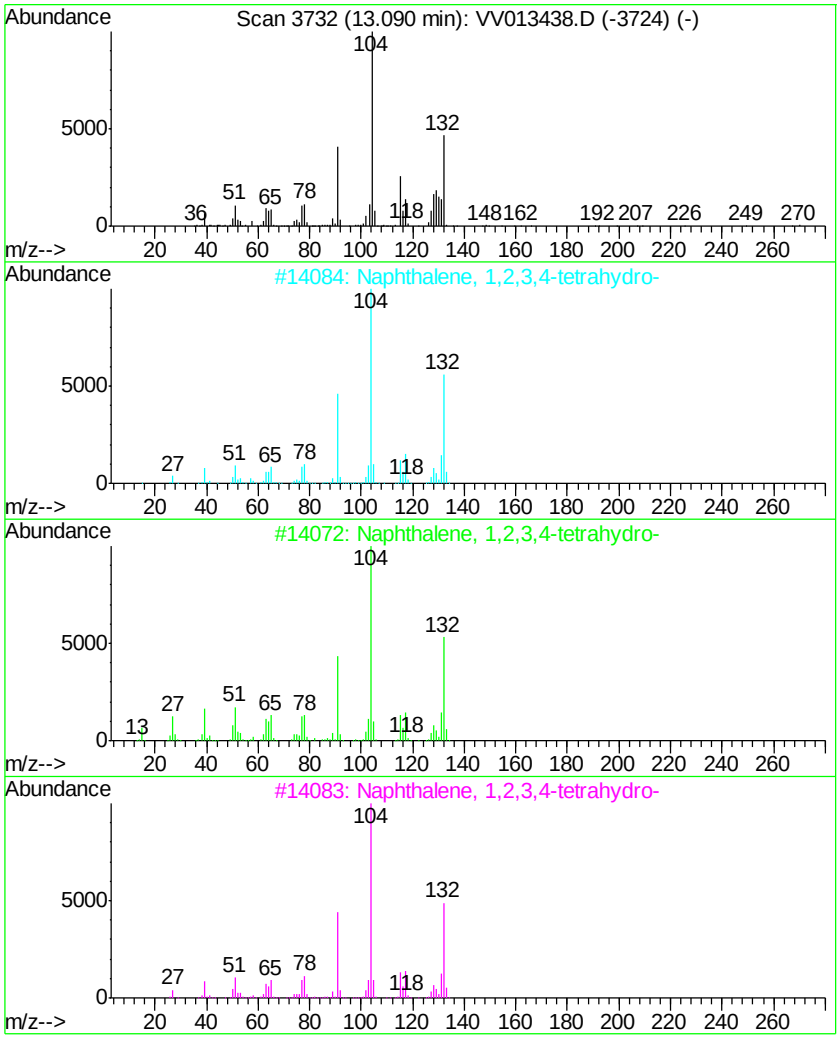
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

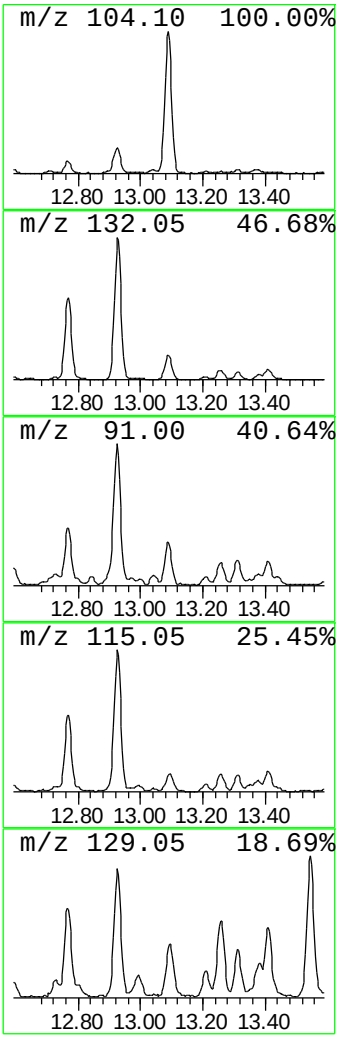
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	1.55 ug/L	432040	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

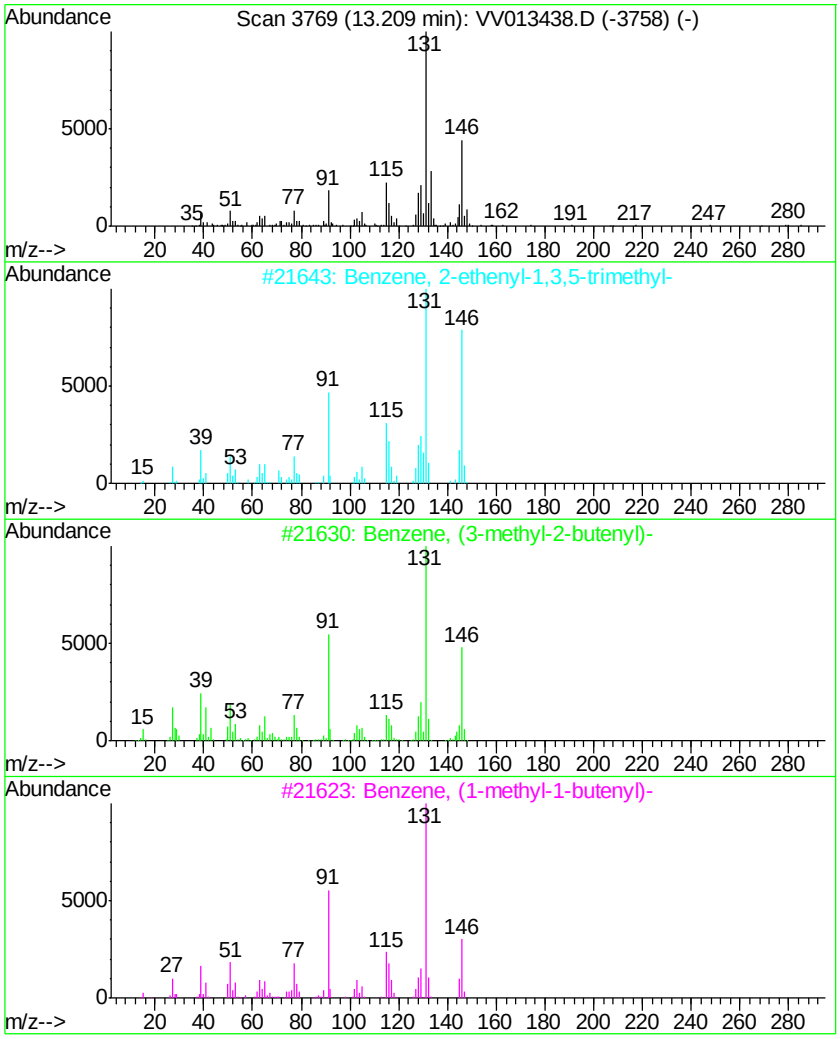
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

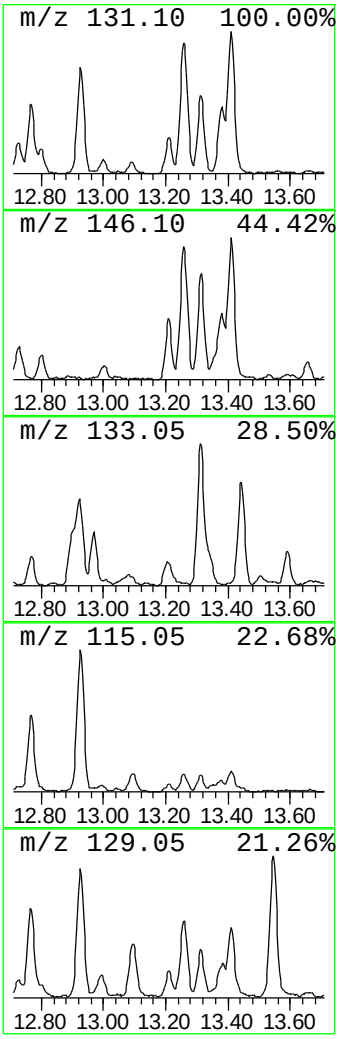
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	0.64 ug/L	178940	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

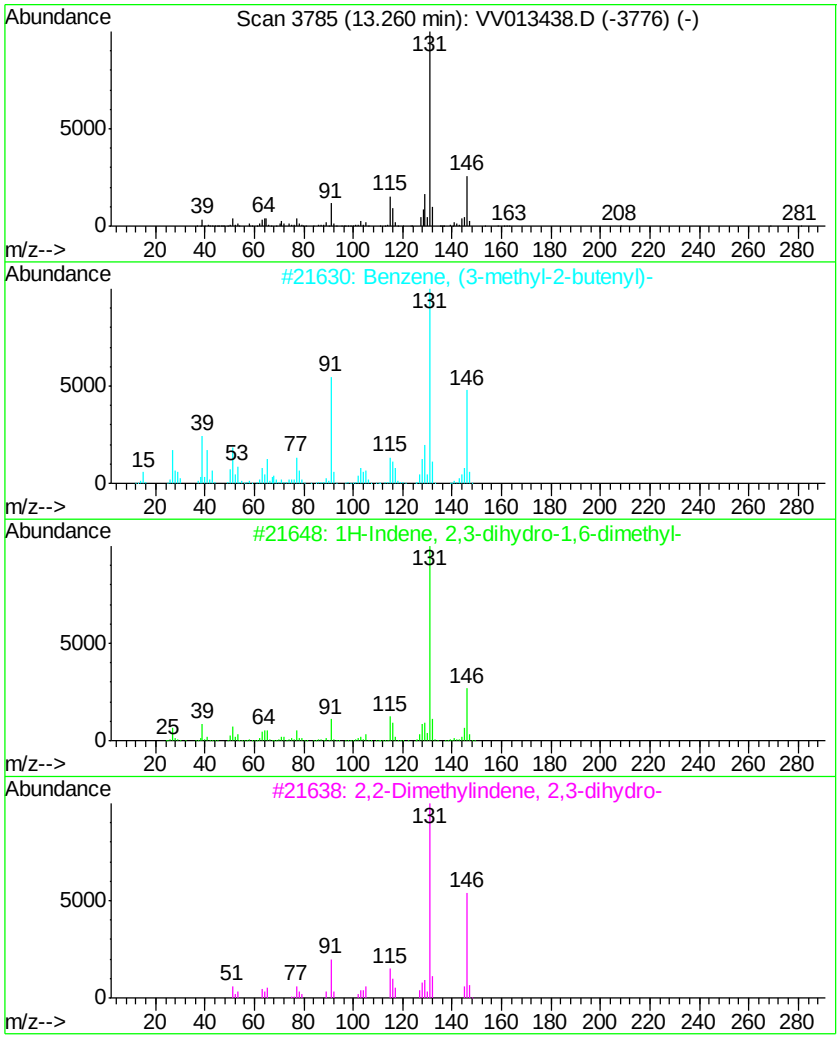
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

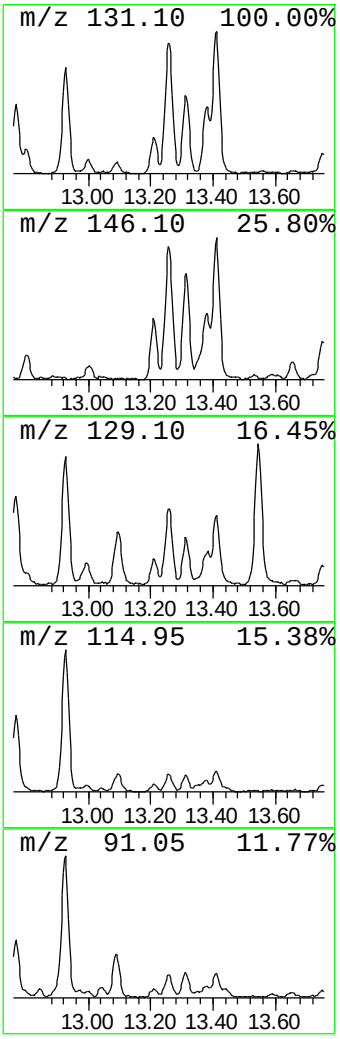
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, (3-methyl-2-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	1.26 ug/L	351620	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

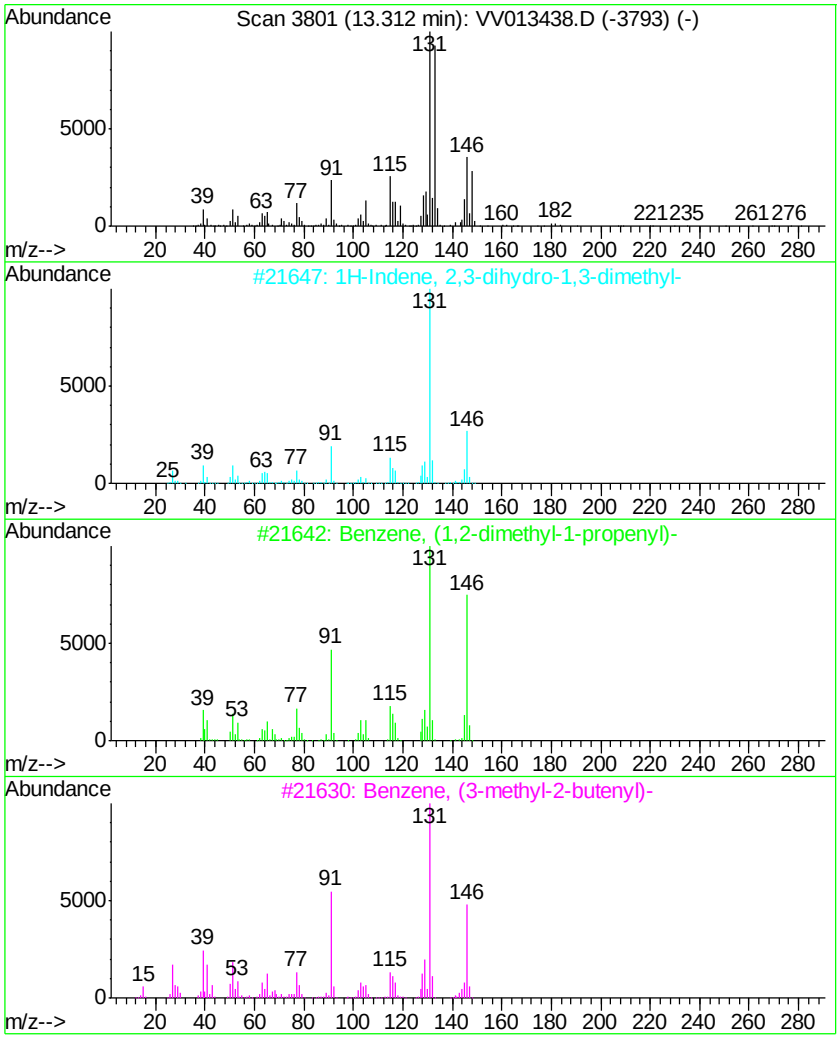
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

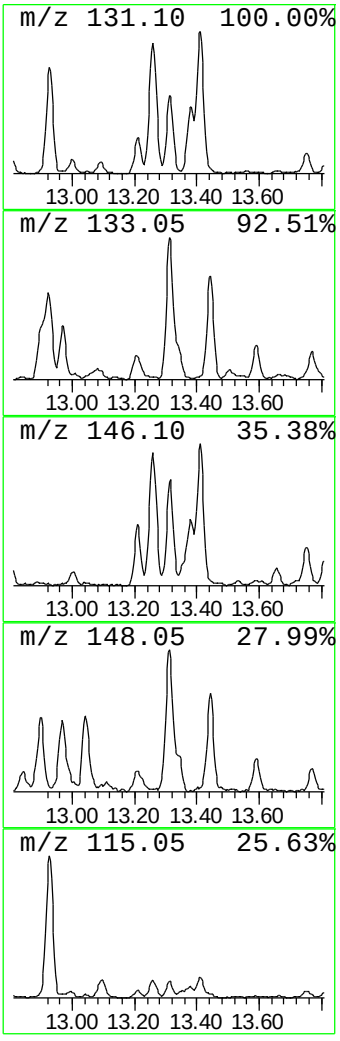
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	1.46 ug/L	406417	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





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Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

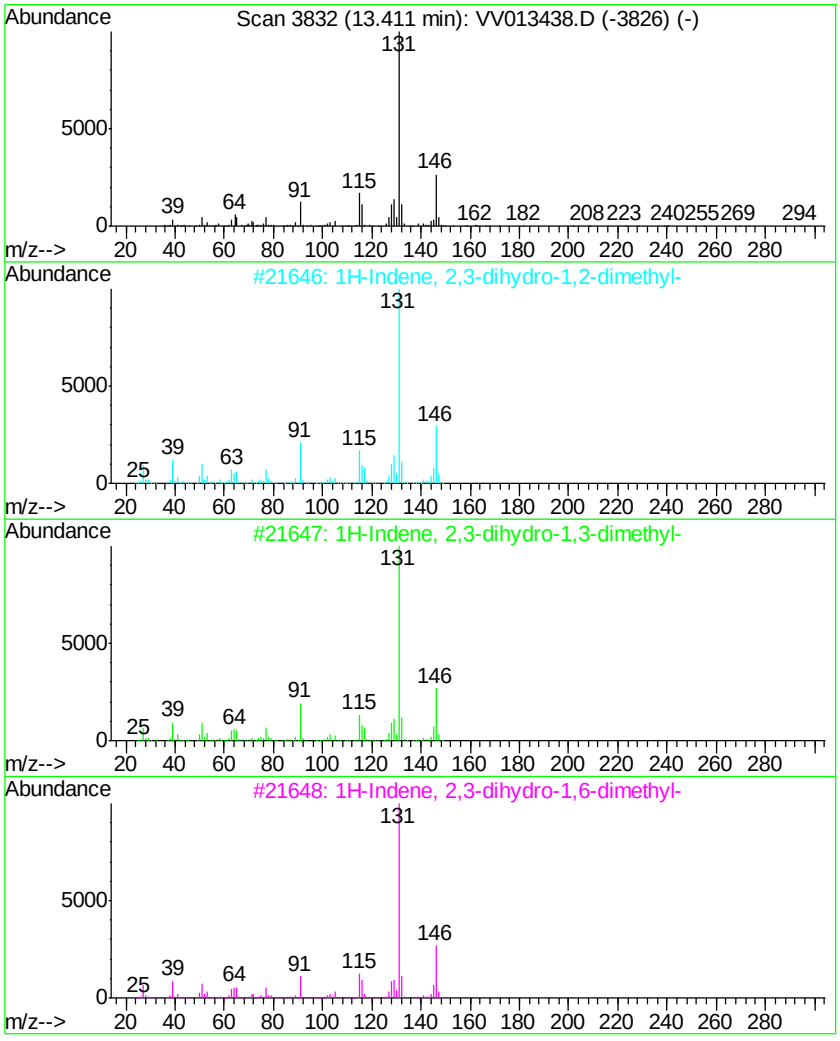
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

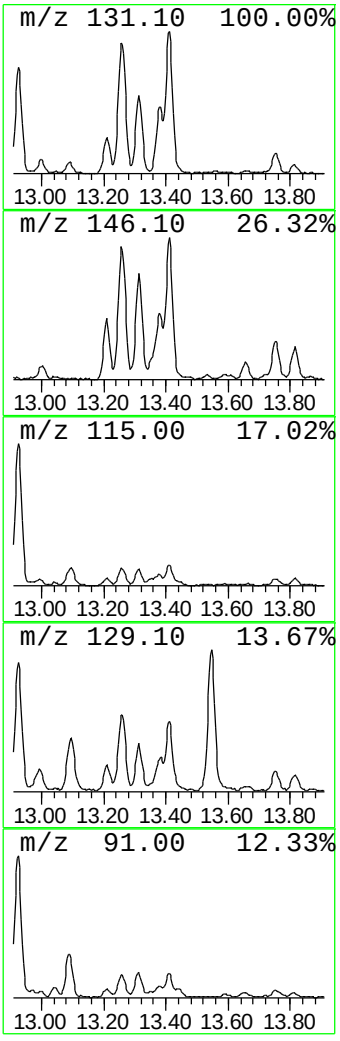
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	0.94 ug/L	262501	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

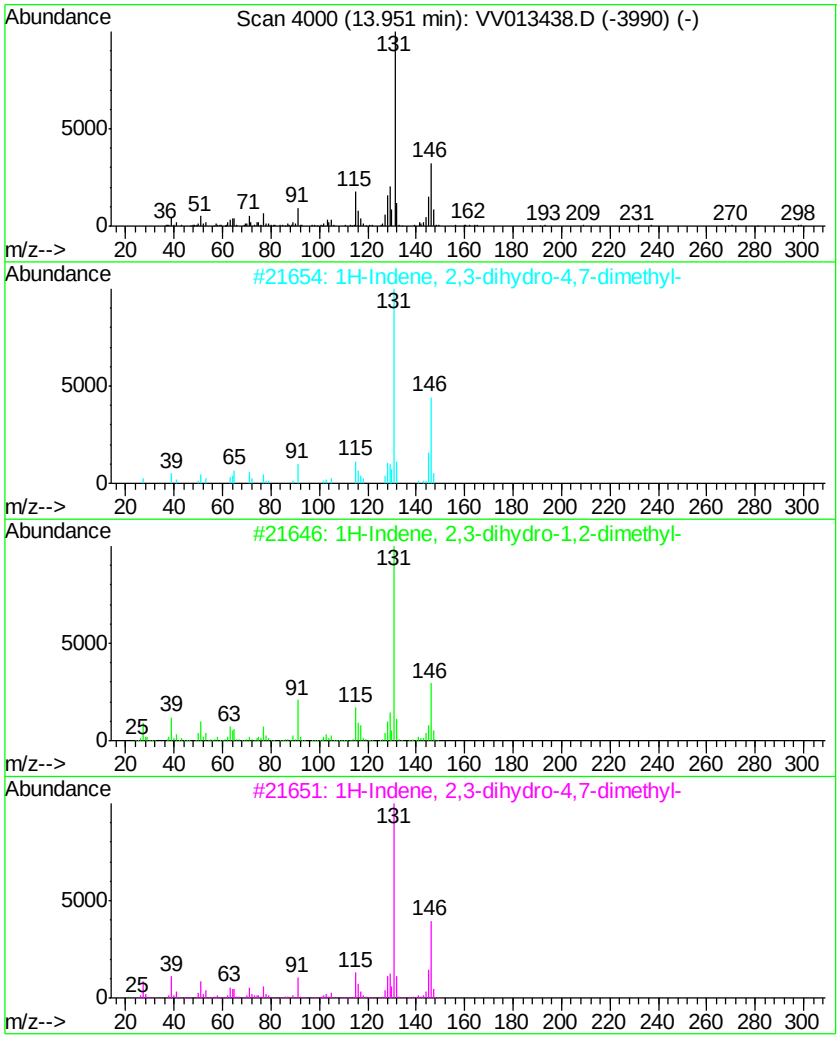
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

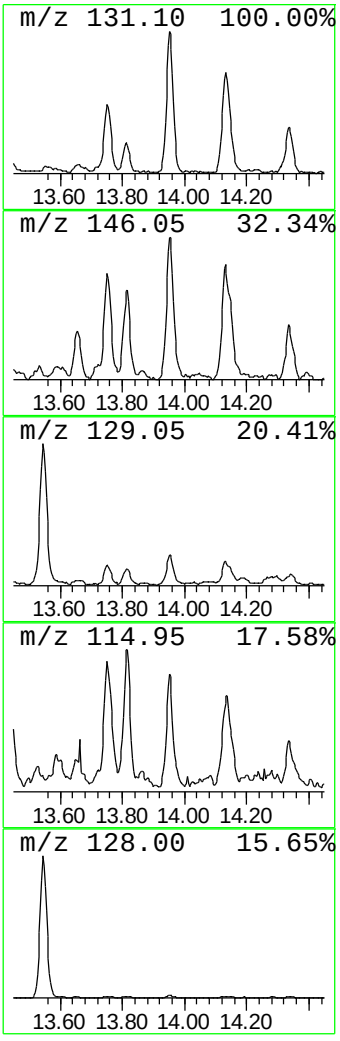
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	0.55 ug/L	153151	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103019\
Data File : VV013438.D
Acq On : 30 Oct 2019 18:15
Operator : SY/MD
Sample : K5597-05DL 20X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
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...	1.23	0.7	ug/L	156219	1	5.66	1148470	5.0
(DEL) Alkane: Str...	1.65	6.3	ug/L	1446420	1	5.66	1148470	5.0
Butane, 2-chloro-...	1.83	1.1	ug/L	257278	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	2.04	3.2	ug/L	737976	1	5.66	1148470	5.0
Cyclopentene	2.50	3.1	ug/L	705188	1	5.66	1148470	5.0
(DEL) Alkane: Str...	2.55	3.4	ug/L	777069	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	2.60	5.1	ug/L	1167850	1	5.66	1148470	5.0
(DEL) Alkane: Str...	2.79	3.3	ug/L	756769	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	3.31	0.9	ug/L	214436	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	3.62	0.9	ug/L	203879	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	3.80	11.9	ug/L	2725690	1	5.66	1148470	5.0
Cyclopentene, 1-m...	4.50	0.8	ug/L	183444	1	5.66	1148470	5.0
(DEL) Alkane: Str...	4.81	1.1	ug/L	243115	1	5.66	1148470	5.0
(DEL) Alkane: Str...	4.96	1.4	ug/L	330506	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	5.22	1.3	ug/L	294183	1	5.66	1148470	5.0
unknown-01	5.28	0.9	ug/L	202589	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	5.37	4.7	ug/L	1069450	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	6.41	1.7	ug/L	383856	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	6.50	0.8	ug/L	172973	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	6.67	1.3	ug/L	301001	1	5.66	1148470	5.0
Cyclobutane, (1-m...	6.84	1.5	ug/L	348406	1	5.66	1148470	5.0
Cyclohexene, 1-me...	7.21	1.7	ug/L	386187	1	5.66	1148470	5.0
(DEL) Alkane: Cyc...	7.31	2.4	ug/L	532740	2	8.89	1096080	5.0
(DEL) Alkane: Cyc...	7.55	0.9	ug/L	188022	2	8.89	1096080	5.0
(DEL) Alkane: Cyc...	7.83	1.2	ug/L	253645	2	8.89	1096080	5.0
(DEL) Alkane: Cyc...	8.27	1.0	ug/L	221790	2	8.89	1096080	5.0
(DEL) Alkane: Cyc...	8.33	1.7	ug/L	367037	2	8.89	1096080	5.0
(DEL) Alkane: Cyc...	8.39	1.0	ug/L	224939	2	8.89	1096080	5.0
(DEL) Alkane: Cyc...	9.51	0.8	ug/L	167589	2	8.89	1096080	5.0
Bicyclo[3.2.1]octane	9.75	1.1	ug/L	229982	2	8.89	1096080	5.0
Benzene, propyl-	10.39	4.2	ug/L	1179520	3	11.29	1394090	5.0
Benzene, 1-ethyl-...	10.51	1.6	ug/L	447912	3	11.29	1394090	5.0
Benzene, 1-ethyl-...	10.78	0.9	ug/L	252107	3	11.29	1394090	5.0
Indane	11.57	14.3	ug/L	3989500	3	11.29	1394090	5.0
o-Cymene	12.06	4.2	ug/L	1180980	3	11.29	1394090	5.0
Benzene, 1-etheny...	12.16	7.1	ug/L	1975570	3	11.29	1394090	5.0
Benzene, 1,2,4,5-...	12.46	2.7	ug/L	741518	3	11.29	1394090	5.0
Bicyclo[4.2.0]oct...	12.59	0.7	ug/L	197844	3	11.29	1394090	5.0
Benzene, 2-etheny...	12.77	4.0	ug/L	1119510	3	11.29	1394090	5.0
Naphthalene, 1,2,...	13.09	1.6	ug/L	432040	3	11.29	1394090	5.0
Benzene, 2-etheny...	13.21	0.6	ug/L	178940	3	11.29	1394090	5.0
Benzene, (3-methy...	13.26	1.3	ug/L	351620	3	11.29	1394090	5.0
1H-Indene, 2,3-di...	13.31	1.5	ug/L	406417	3	11.29	1394090	5.0
1H-Indene, 2,3-di...	13.41	0.9	ug/L	262501	3	11.29	1394090	5.0
1H-Indene, 2,3-di...	13.95	0.6	ug/L	153151	3	11.29	1394090	5.0