LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

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	61	rBV	3879342	3411481	1.68%	0.270%
2	1.319	62	71	80	rVV	17821578	17572919	8.63%	1.390%
3	1.650	164	174	199	rVB	26151896	32398043	15.91%	2.563%
4	1.830	220	230	250	rVB3	3954579	6980639	3.43%	0.552%
5	2.045	288	297	314	rVB	14232800	19758785	9.70%	1.563%
6	2.505	414	440	449	rBV2	7772335	17018507	8.36%	1.347%
7	2.560	449	457	463	rVV	9674169	17889531	8.79%	1.416%
8	2.605	463	471	512	rVB	14507968	27327960	13.42%	2.162%
9	2.791	512	529	552	rBV	8618600	17045653	8.37%	1.349%
10	3.312	666	691	706	rBV	3069040	6486779	3.19%	0.513%
11	3.405	706	720	731	rVV	1817176	4033785	1.98%	0.319%
12	3.473	732	741	754	rVV	1020576	2206737	1.08%	0.175%
13	3.621	774	787	804	rVB	2624094	6055944	2.97%	0.479%
14	3.811	827	846	863	rBV	22922471	58918537	28.94%	4.662%
15	3.891	863	871	909	rVB3	987706	3276338	1.61%	0.259%
16	4.505	1050	1062	1083	rVB	2810307	6708612	3.29%	0.531%
17	4.730	1112	1132	1147	rBV2	21409725	54345668	26.69%	4.300%
18	4.811	1148	1157	1184	rVB3	2001605	6134484	3.01%	0.485%
19	4.958	1184	1203	1209	rBV2	3557203	8412881	4.13%	0.666%
20	5.161	1233	1266	1279	rBV3	75884558	203623142	100.00%	16.112%
21	5.229	1279	1287	1294	rBV2	5176528	9532323	4.68%	0.754%
22	5.373	1320	1332	1367	rVB	10409320	23945988	11.76%	1.895%
23	5.701	1409	1434	1442	rBV6	2719154	7698824	3.78%	0.609%
24	5.984	1504	1522	1551	rBV5	1913200	4332798	2.13%	0.343%
25	6.177	1551	1582	1597	rBV3	24993630	61678221	30.29%	4.880%
26	6.409	1640	1654	1669	rVB	4703379	8806004	4.32%	0.697%
27	6.505	1669	1684	1698	rVB	2113224	4216276	2.07%	0.334%
28	6.595	1698	1712	1713	rBV2	2036111	3096112	1.52%	0.245%
29	6.675	1727	1737	1762	rVB5	3471874	7710318	3.79%	0.610%
30	6.846	1762	1790	1799	rBV	4231969	8866462	4.35%	0.702%
31	7.029	1843	1847	1858	rVB3	1296112	2065973	1.01%	0.163%
32	7.209	1892	1903	1918	rVB2	5306585	9958111	4.89%	0.788%
33	7.306	1918	1933	1942	rBV2	6598320	13789702	6.77%	1.091%
34	7.428	1960	1971	1980	rBV	4747534	7707138	3.79%	0.610%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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	7.486	1980	1989	1996	rBV4	2092720	3687477	1.81%	0.292%
36	7.556	2006	2011	2024	rVB3	2390164	4068433	2.00%	0.322%
37	7.630	2024	2034	2043	rBV4	1217033	2122453	1.04%	0.168%
38	7.698	2044	2055	2075	rVB	6108733	11384349	5.59%	0.901%
39	7.830	2076	2096	2104	rBV	3137426	6485048	3.18%	0.513%
40	7.884	2104	2113	2126	rVB	2679865	4500140	2.21%	0.356%
41	8.126	2178	2188	2196	rVV2	1932880	3199607	1.57%	0.253%
42	8.180	2196	2205	2210	rVV2	1339987	2206938	1.08%	0.175%
43	8.273	2223	2234	2243	rVV4	2676773	5567648	2.73%	0.441%
44	8.331	2243	2252	2260	rVV	5534259	8718110	4.28%	0.690%
45	8.392	2261	2271	2280	rVB2	2907402	5546264	2.72%	0.439%
46	8.550	2307	2320	2331	rBV3	1747658	3288483	1.61%	0.260%
47	8.634	2331	2346	2353	rBV2	1066203	2566910	1.26%	0.203%
48	8.974	2446	2452	2461	rVB	1969746	3149447	1.55%	0.249%
49	9.052	2467	2476	2490	rVB	6081358	9851861	4.84%	0.780%
50	9.180	2496	2516	2528	rVB	12130724	22691458	11.14%	1.795%
51	9.354	2560	2570	2585	rVB7	1079463	2229746	1.10%	0.176%
52	9.511	2604	2619	2636	rBV4	1599857	4224552	2.07%	0.334%
53	9.746	2675	2692	2710	rBV4	2712014	5811240	2.85%	0.460%
54	9.839	2711	2721	2732	rBV5	1764147	3338048	1.64%	0.264%
55	9.971	2751	2762	2772	rBV	10089358	15916946	7.82%	1.259%
56	10.392	2882	2893	2905	rBV	16759922	25843547	12.69%	2.045%
57	10.511	2919	2930	2945	rVV	7546060	11957837	5.87%	0.946%
58	10.778	3003	3013	3023	rBV	4143818	6353508	3.12%	0.503%
59	11.129	3116	3122	3135	rVB	1401195	2126257	1.04%	0.168%
60	11.286	3162	3171	3183	rVB3	2777008	4459941	2.19%	0.353%
61	11.576	3247	3261	3279	rBV4	45441091	79590601	39.09%	6.298%
62	11.672	3280	3291	3309	rVB3	4473453	9868207	4.85%	0.781%
63	11.788	3318	3327	3339	rVB	2081225	3149587	1.55%	0.249%
64	11.862	3340	3350	3359	rBV	1714982	2516788	1.24%	0.199%
65	11.952	3369	3378	3394	rVB	2296757	3604735	1.77%	0.285%
66	12.061	3395	3412	3419	rBV	19871538	32392615	15.91%	2.563%
67	12.161	3431	3443	3465	rBV	25576738	44709458	21.96%	3.538%
68	12.344	3492	3500	3514	rVB3	1238490	2070471	1.02%	0.164%
69	12.457	3516	3535	3545	rBV	13396477	20586526	10.11%	1.629%
70	12.595	3567	3578	3586	rBV2	3417983	5175950	2.54%	0.410%
71	12.730	3612	3620	3623	rVV2	2004578	3268887	1.61%	0.259%

LSC Area Percent Report

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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

72	12.768	3623	3632	3649	rVB	17675377	28214983	13.86%	2.233%
73	12.929	3661	3682	3692	rBV2	36367215	61009424	29.96%	4.827%
74	13.042	3710	3717	3724	rBV	2097683	2940693	1.44%	0.233%
75	13.093	3724	3733	3754	rVB3	6199378	10710554	5.26%	0.847%
76	13.209	3759	3769	3776	rBV	3071144	4665175	2.29%	0.369%
77	13.260	3776	3785	3793	rVB	7146941	10678641	5.24%	0.845%
78	13.315	3793	3802	3809	rBV2	7404813	10904925	5.36%	0.863%
79	13.379	3817	3822	3826	rBV	1792975	2061609	1.01%	0.163%
80	13.411	3826	3832	3839	rVB	5520074	6884271	3.38%	0.545%
81	13.547	3855	3874	3883	rBV	11664299	19157608	9.41%	1.516%
82	13.662	3900	3910	3923	rVV2	1768922	3170291	1.56%	0.251%
83	13.756	3924	3939	3949	rVV3	2359998	4391501	2.16%	0.347%
84	13.813	3949	3957	3967	rVB2	1894215	2890846	1.42%	0.229%
85	13.952	3990	4000	4014	rVB	2846847	4445396	2.18%	0.352%
86	14.135	4046	4057	4070	rBV2	2365764	4985353	2.45%	0.394%
87	14.338	4112	4120	4134	rVB3	1302404	2366161	1.16%	0.187%
88	14.862	4272	4283	4296	rBV	1914755	3107759	1.53%	0.246%

Sum of corrected areas: 1263825938

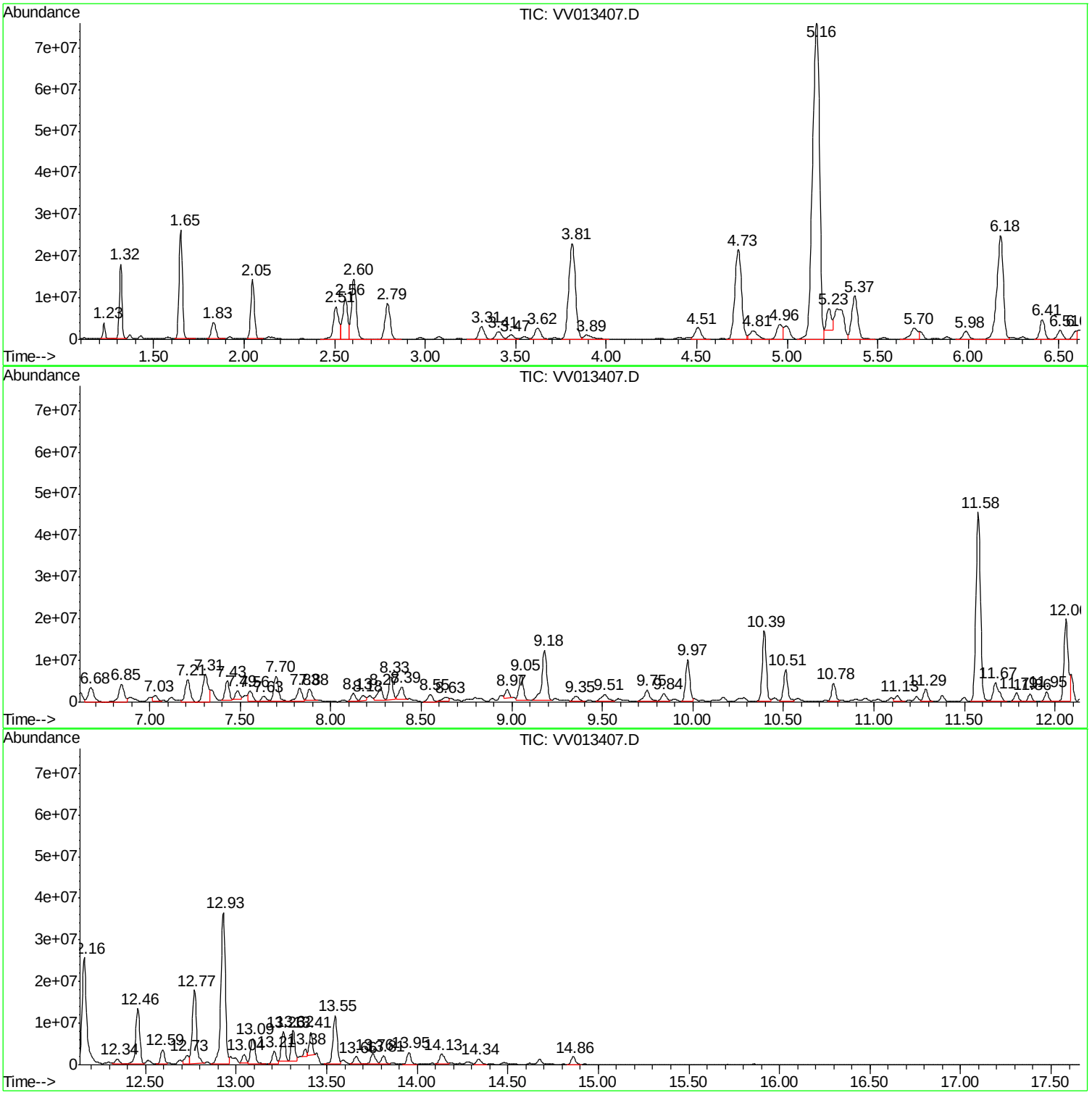
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

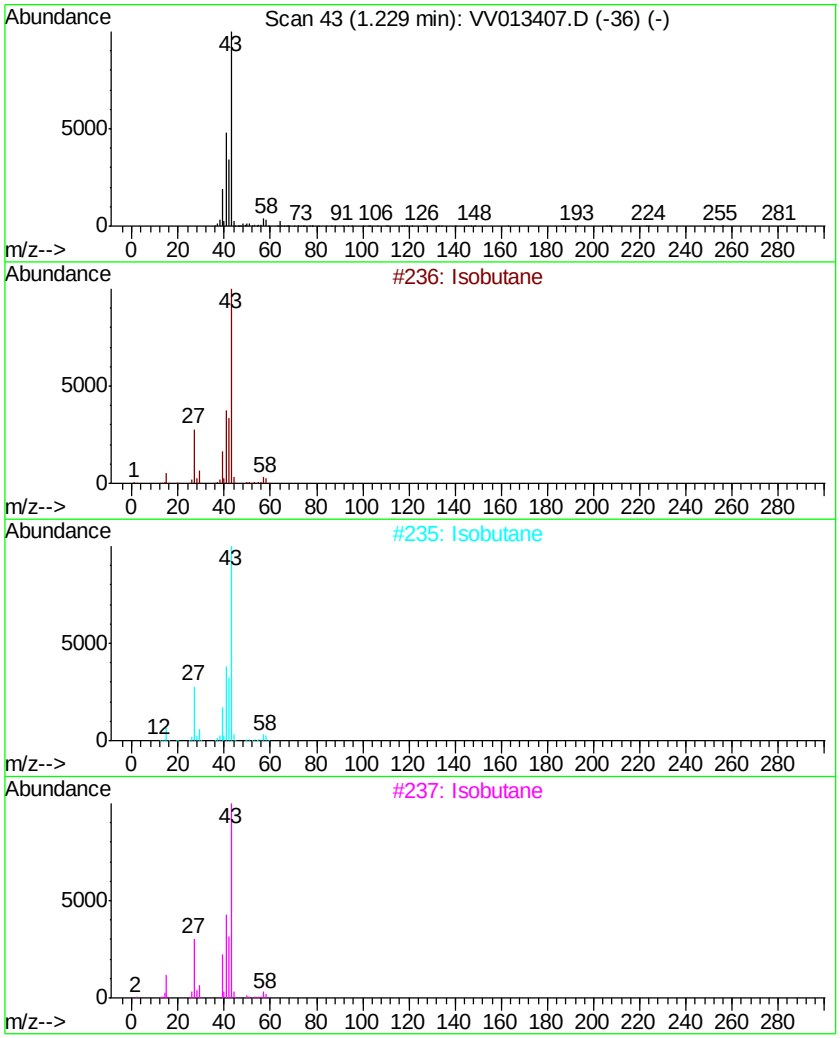
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

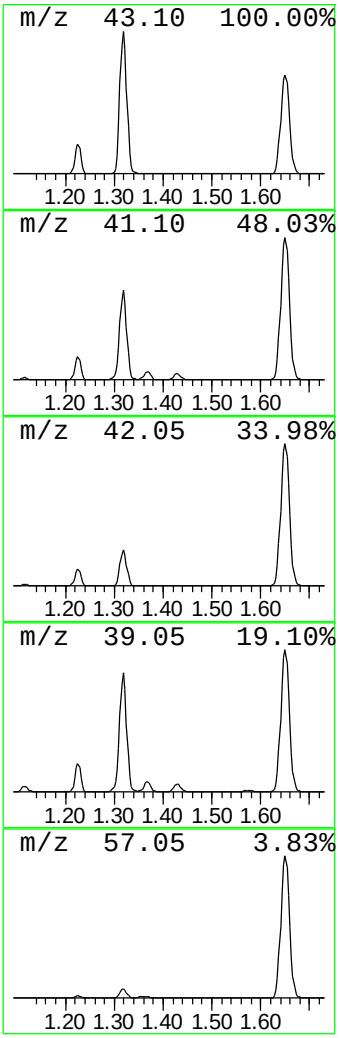
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	2.22 ug/L	3411480	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	80
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	59
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

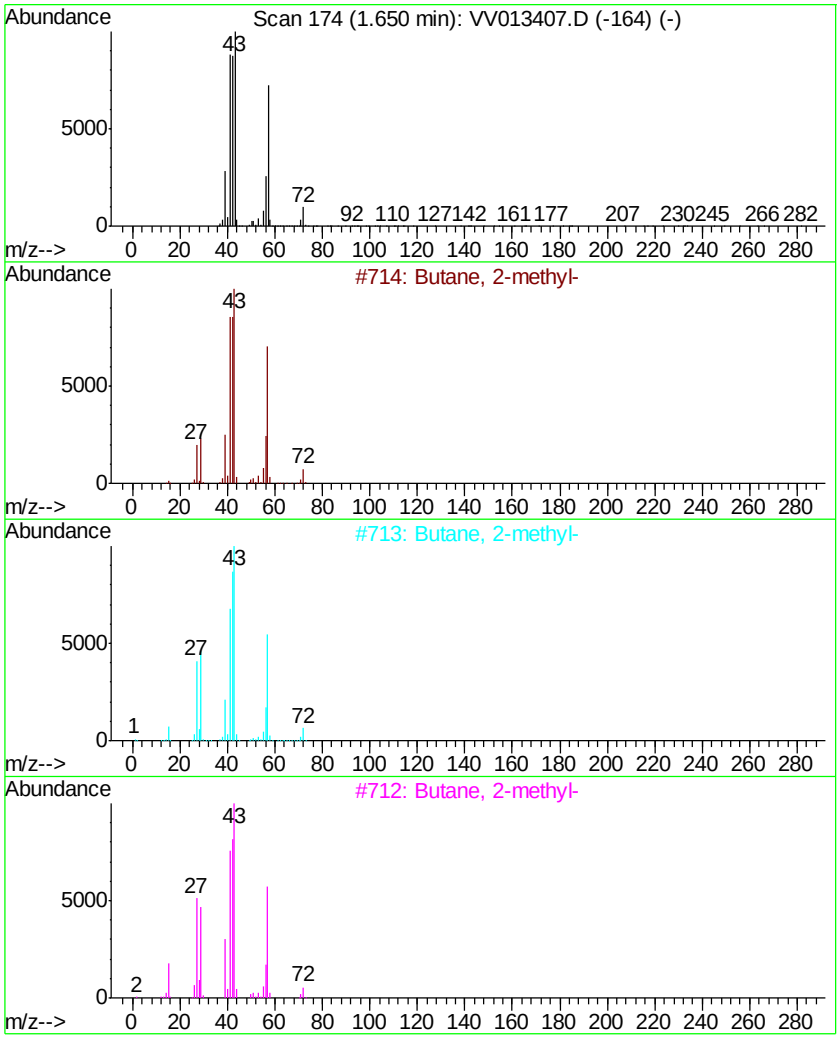
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

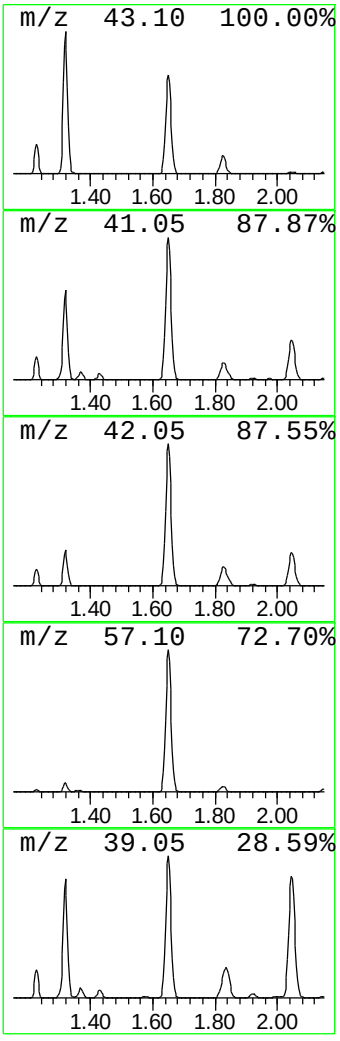
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	21.04 ug/L	32398000	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	80
4	Pentane	72	C5H12	000109-66-0	47
5	3-Buten-1-ol	72	C4H8O	000627-27-0	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

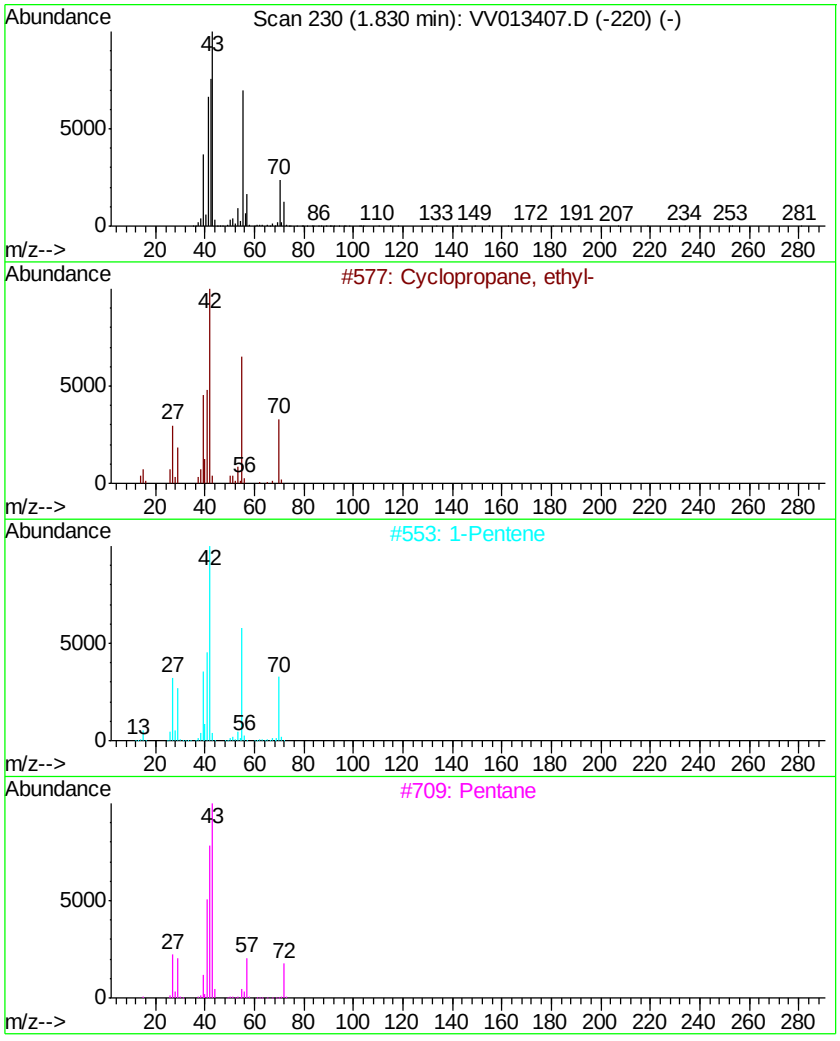
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

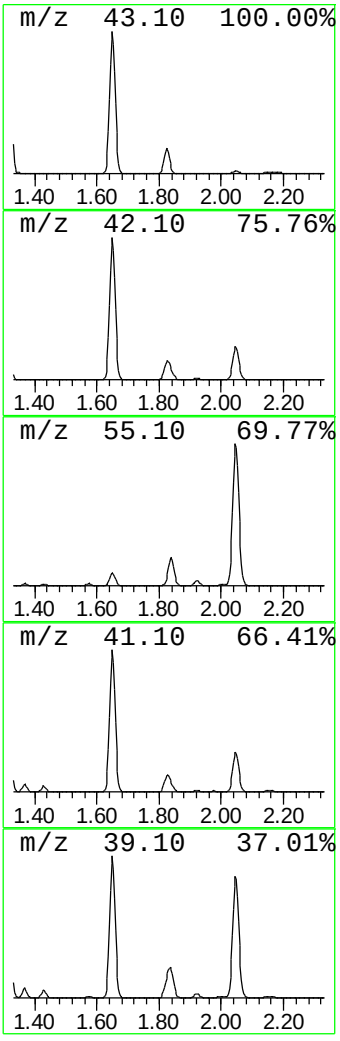
****

Peak Number 3 (DEL) Alkane: Cyclic1.83 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	4.53 ug/L	6980640	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	58
2	1-Pentene	70	C5H10	000109-67-1	58
3	Pentane	72	C5H12	000109-66-0	53
4	Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	53
5	Pentane	72	C5H12	000109-66-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

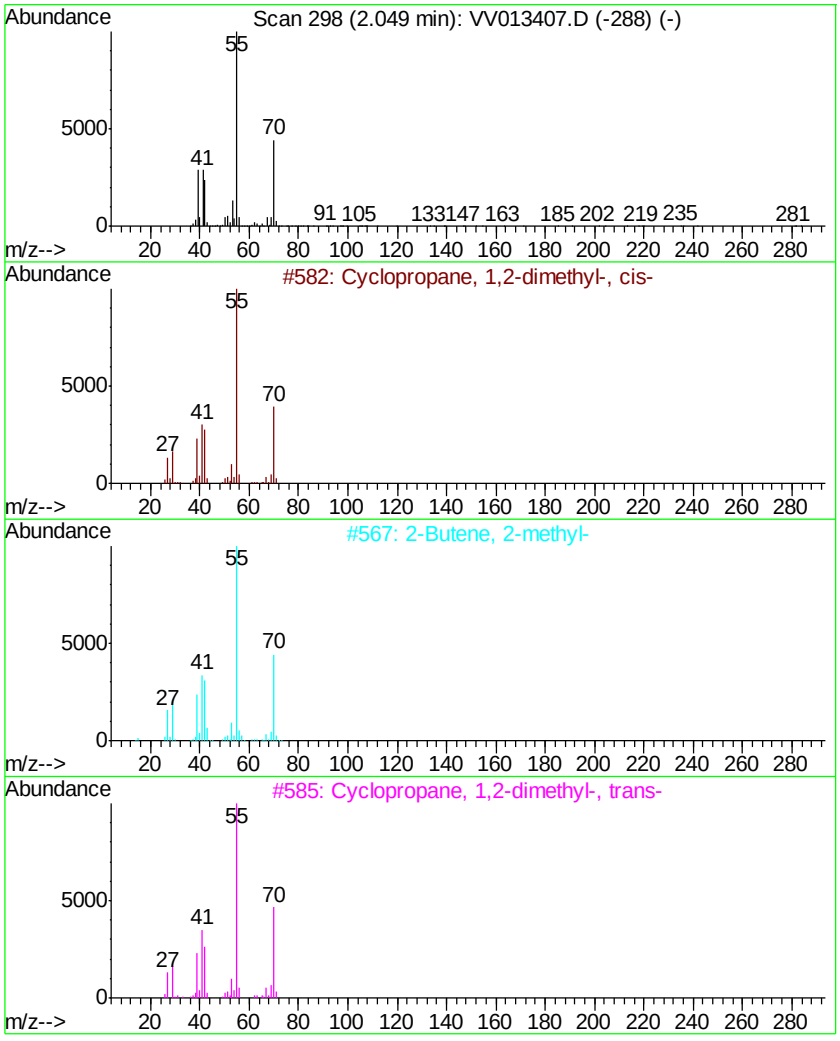
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

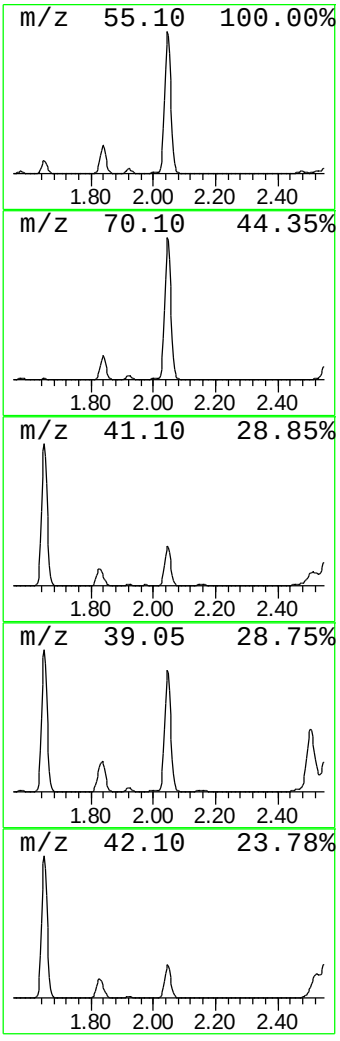
****

Peak Number 4 (DEL) Alkane: Cyclic2.05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.05	12.83 ug/L	19758800	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	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	2-Methyl-1-butene	70	C5H10	000563-46-2	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

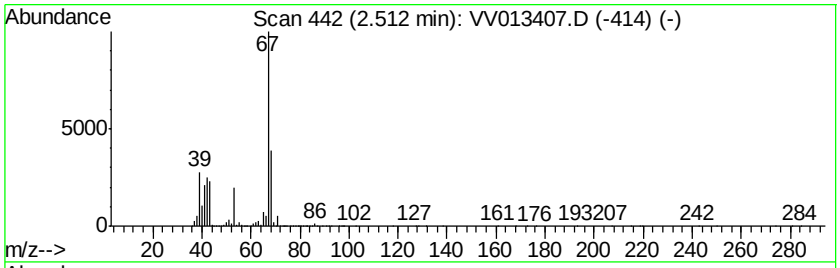
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

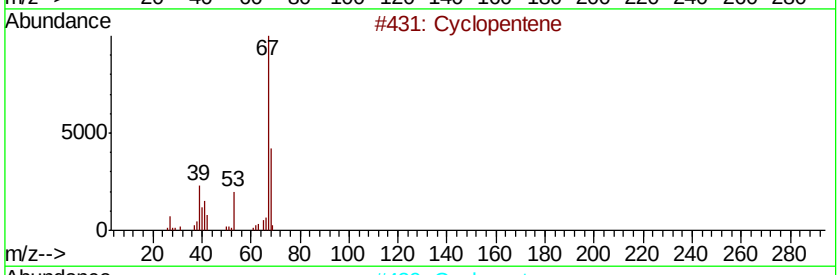
****

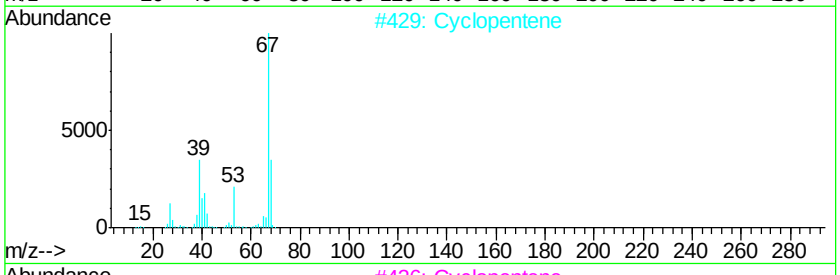
Peak Number 5 Cyclopentene Concentration Rank 21

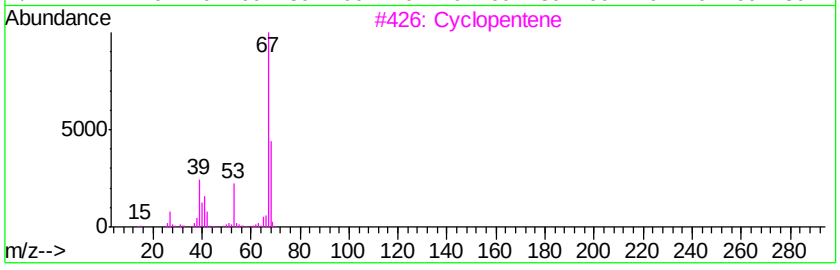
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	11.05 ug/L	17018500	1,4-Difluorobenzene	5.66

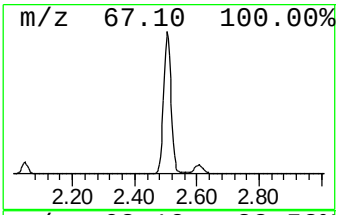
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	91
4	Cyclopentene	68	C5H8	000142-29-0	78
5	1,4-Pentadiene	68	C5H8	000591-93-5	58

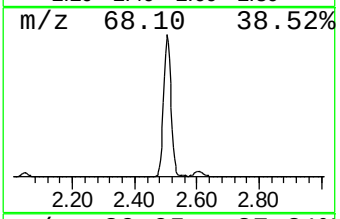


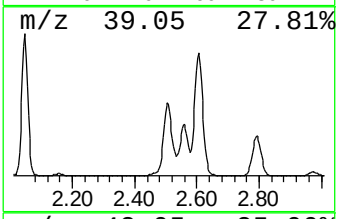


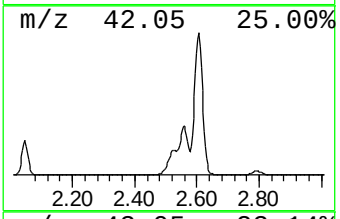


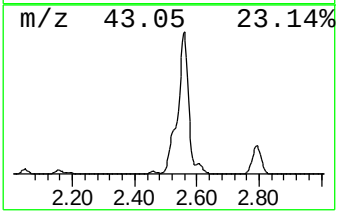












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

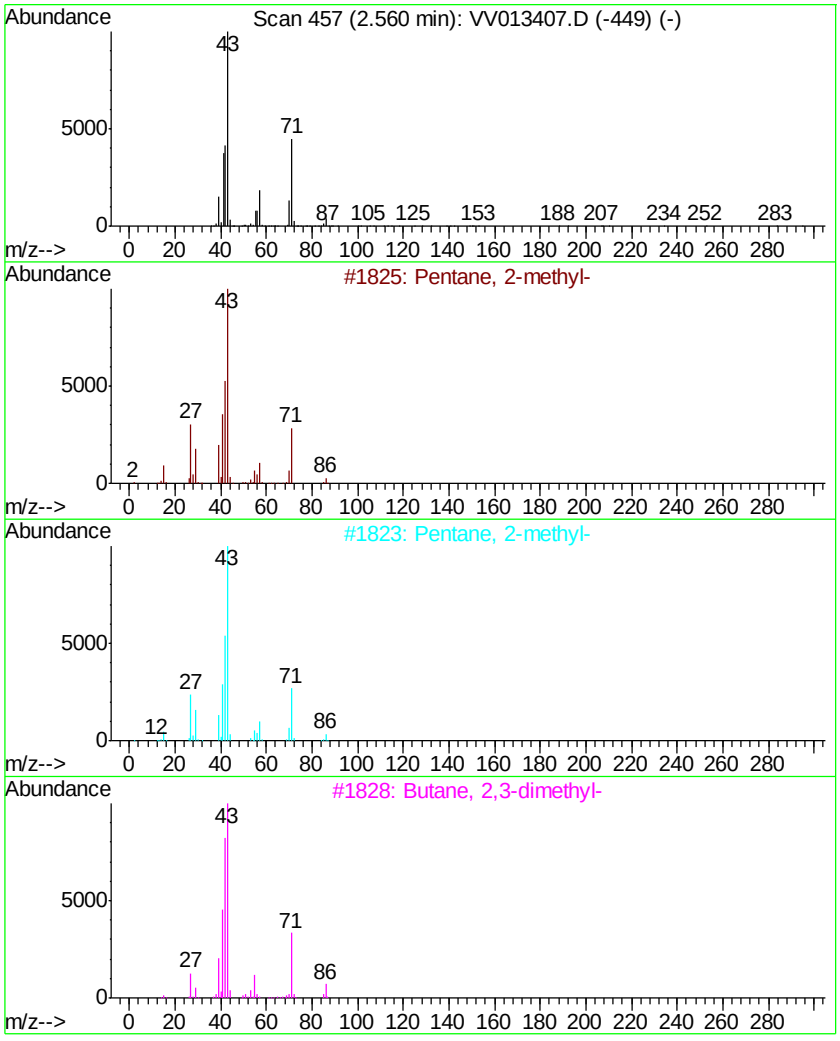
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

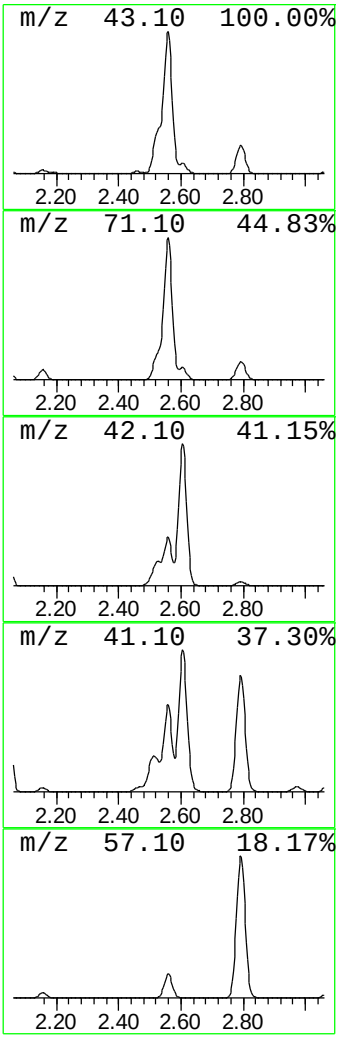
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.56	11.62 ug/L	17889500	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

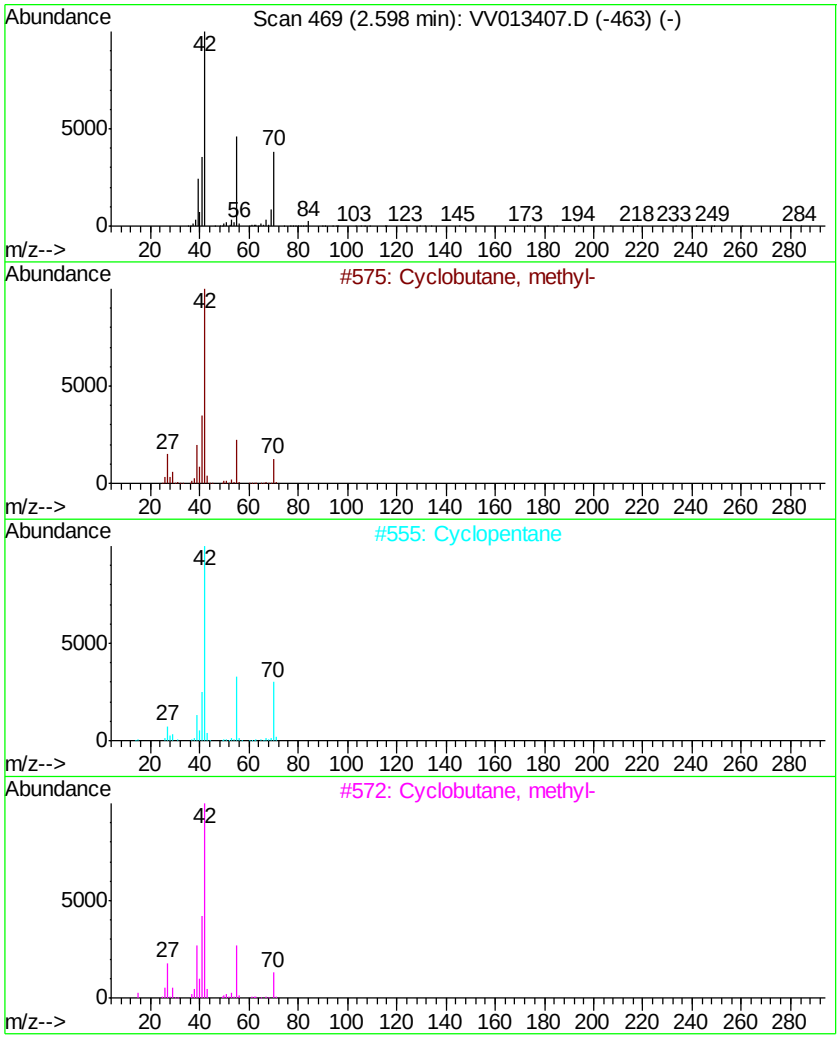
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

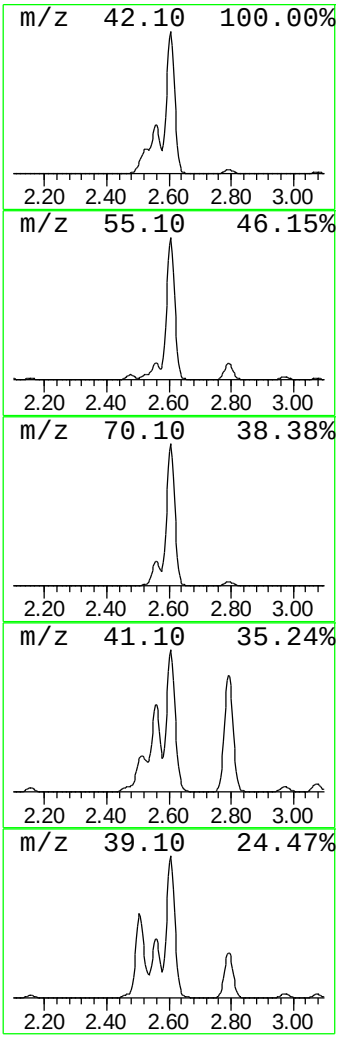
****

Peak Number 7 (DEL) Alkane: Cyclic2.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	17.75 ug/L	27328000	1,4-Difluorobenzene	5.66

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





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

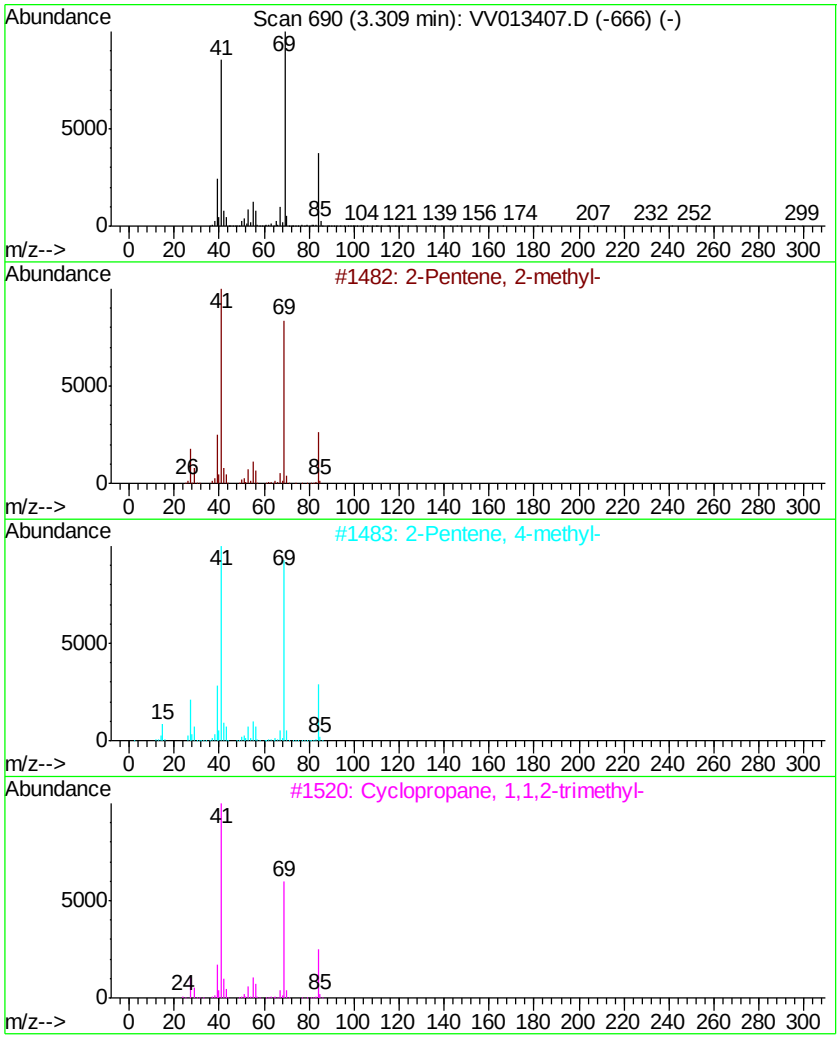
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

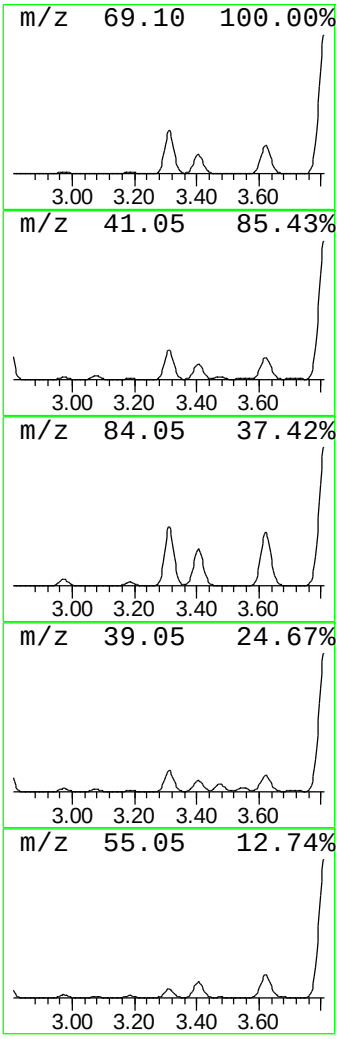
****

Peak Number 8 (DEL) Alkane: Cyclic3.31 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	4.21 ug/L	6486780	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	91
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	91
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	91
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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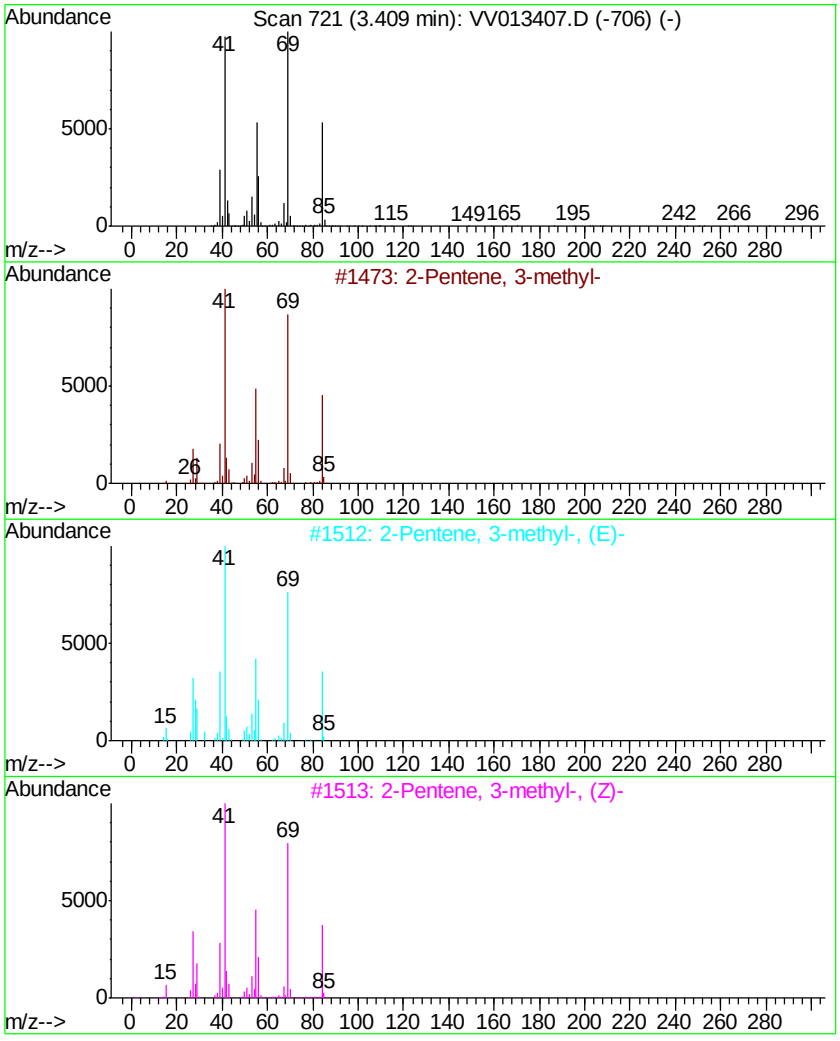
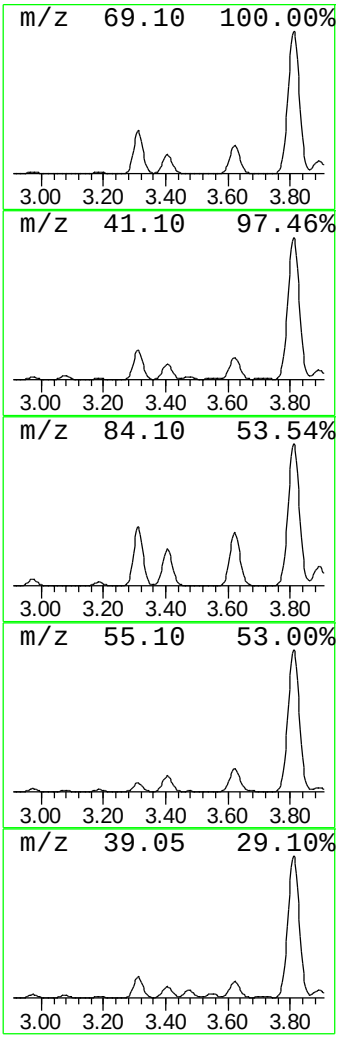
Peak Number 9 (DEL) Alkane: Cyclic3.41 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	2.62 ug/L	4033790	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	95
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

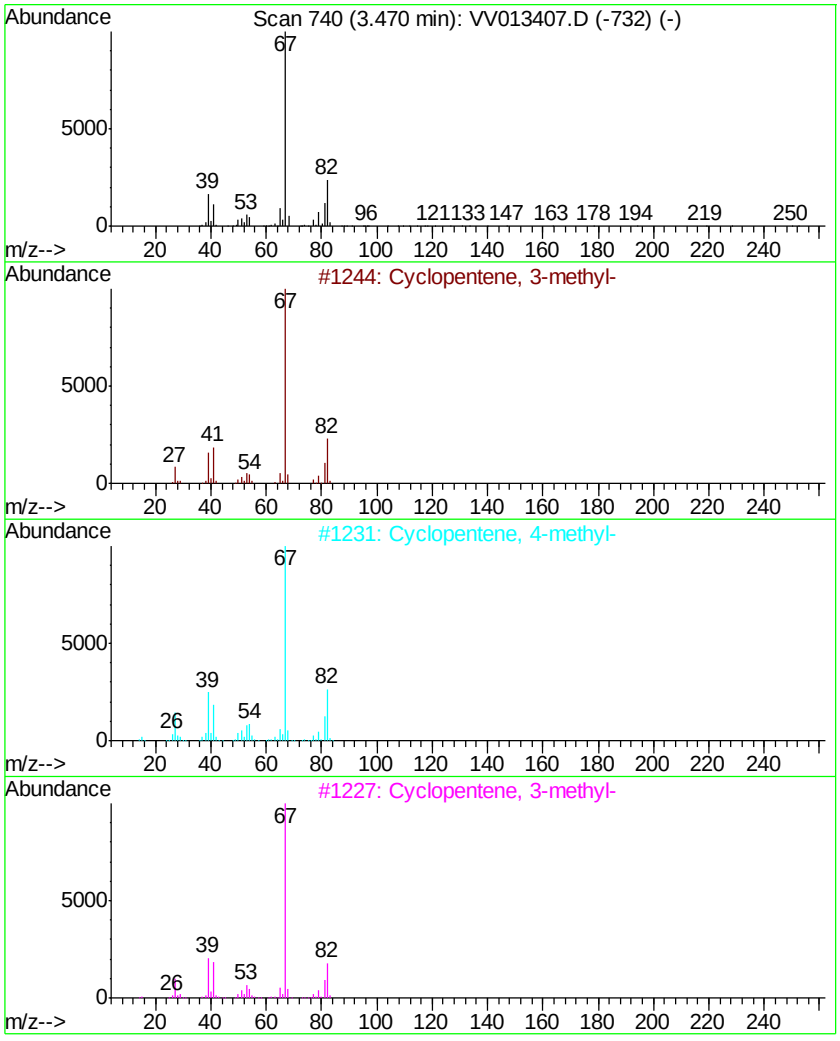
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

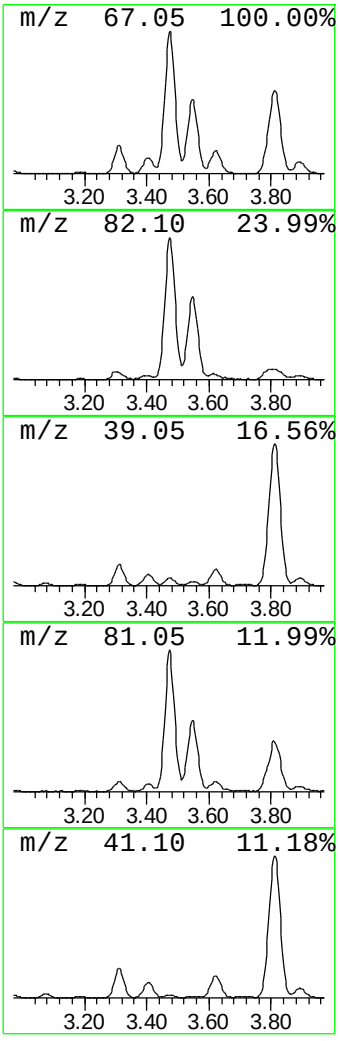
****

Peak Number 10 Cyclopentene, 3-methyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	1.43 ug/L	2206740	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

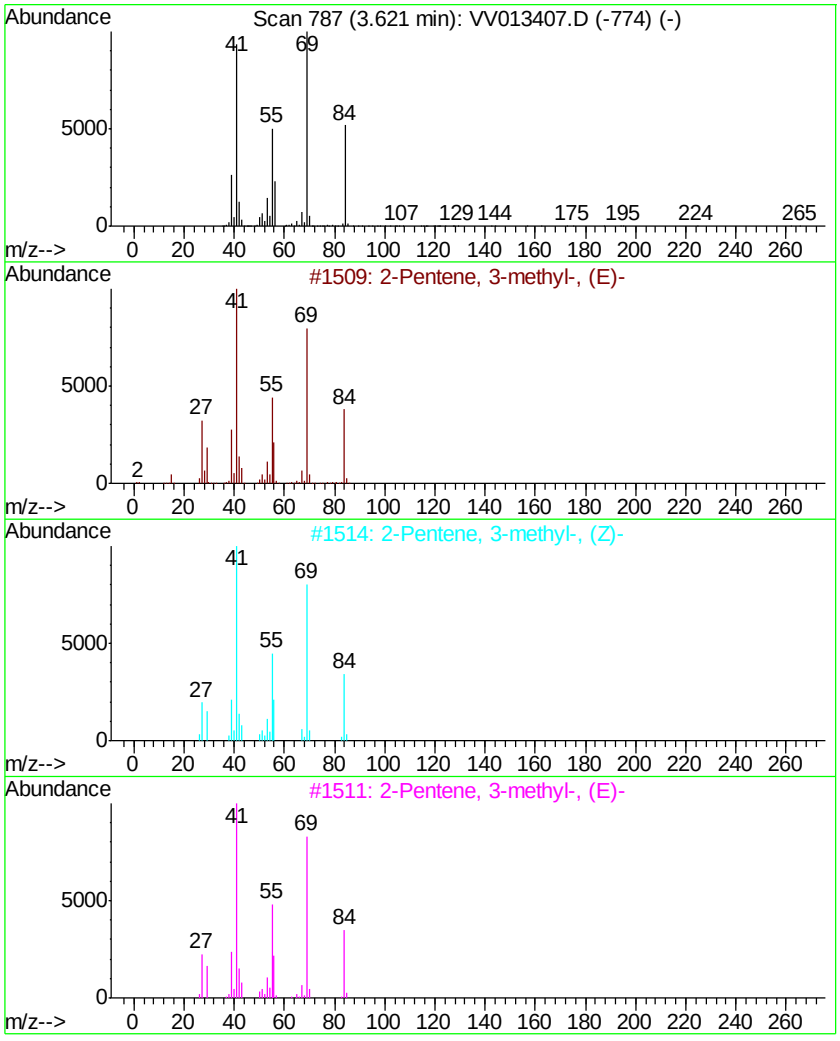
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

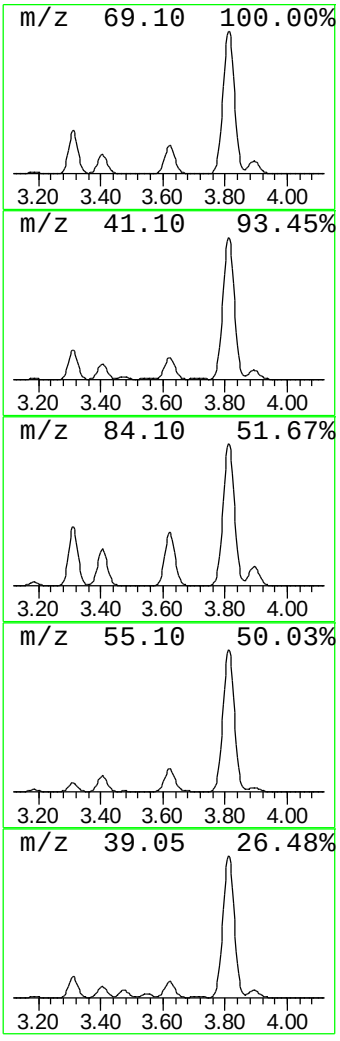
****

Peak Number 11 (DEL) Alkane: Cyclic3.62 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	3.93 ug/L	6055940	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	91
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	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

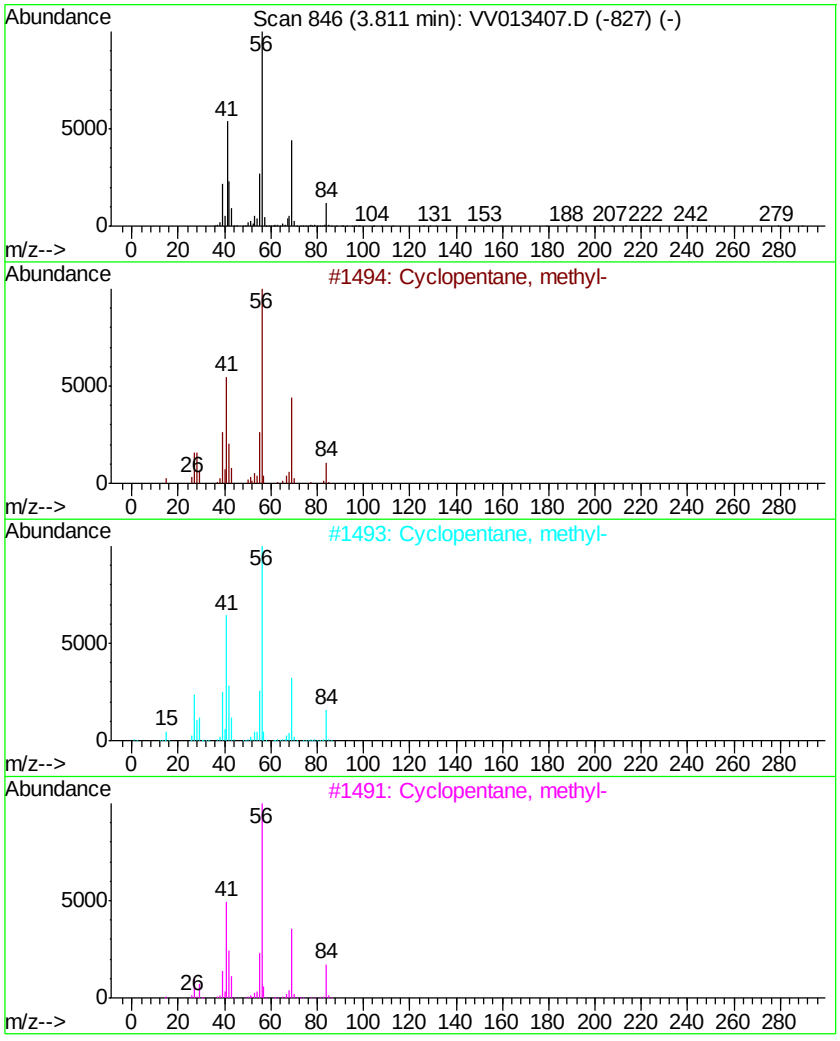
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

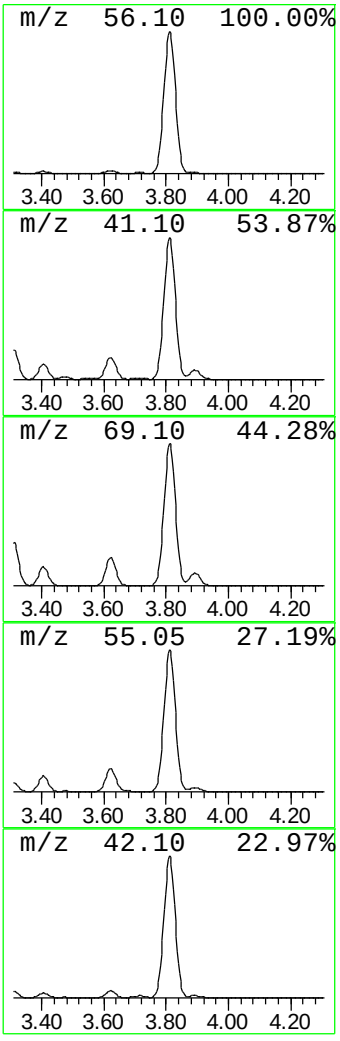
****

Peak Number 12 (DEL) Alkane: Cyclic3.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	38.26 ug/L	58918500	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

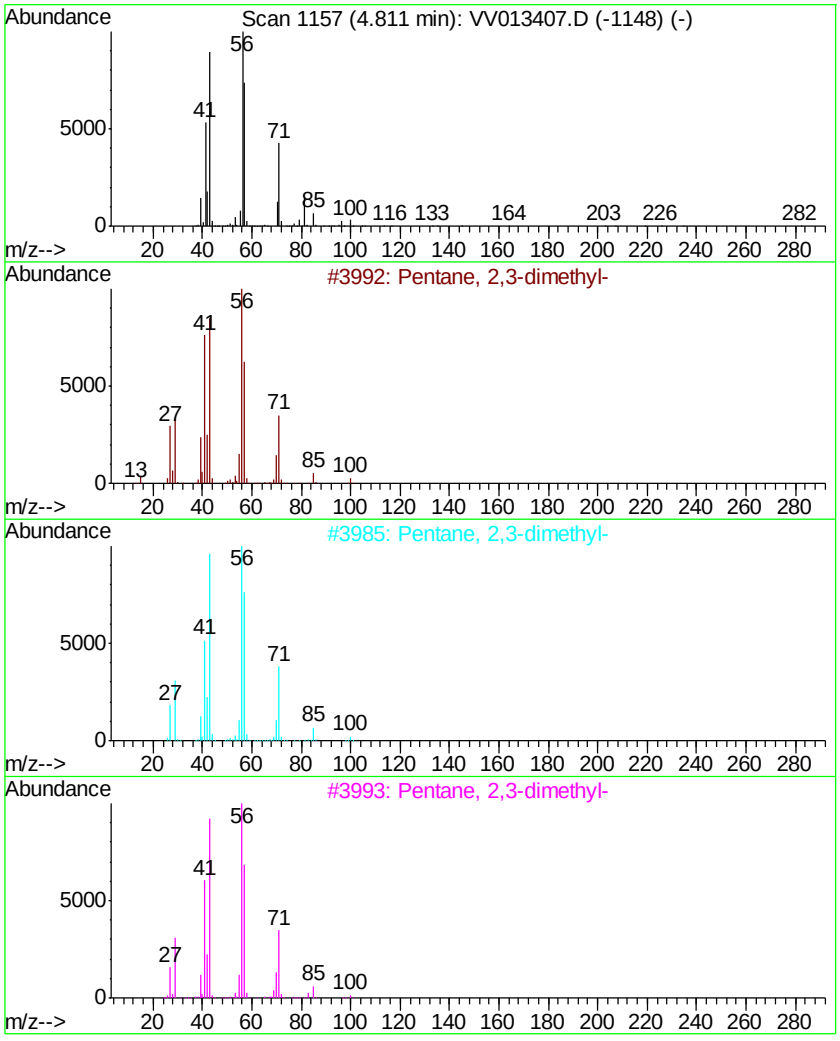
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

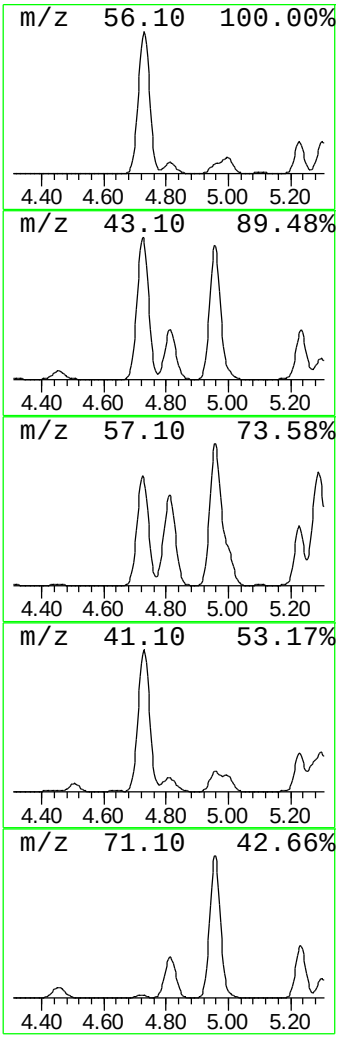
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	3.98 ug/L	6134480	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	81
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
5	Pentane, 1-bromo-3,4-dimethyl-	178	C7H15Br	006570-92-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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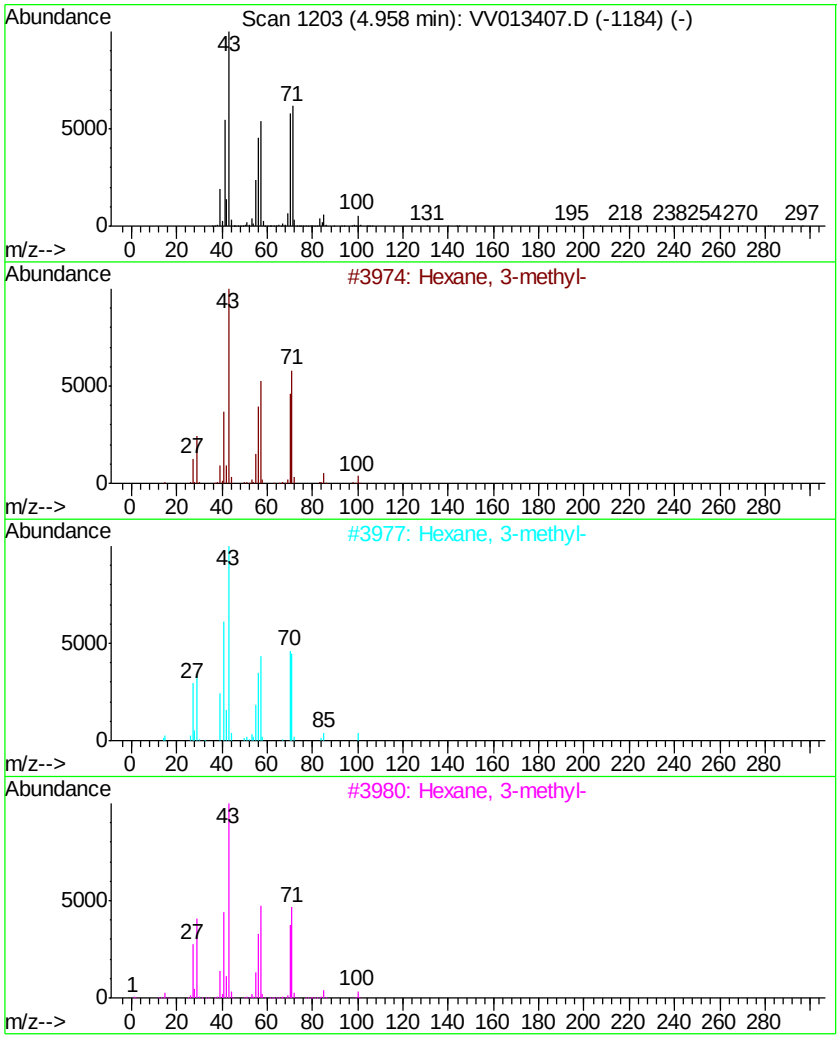
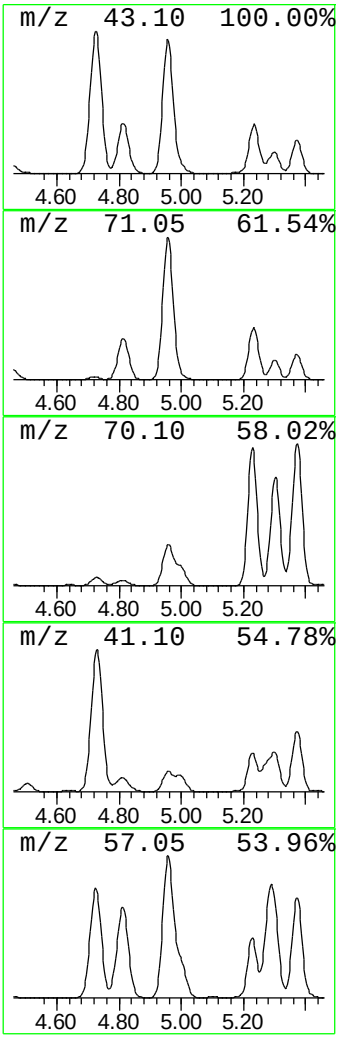
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	5.46 ug/L	8412880	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4	Heptane	100	C7H16	000142-82-5	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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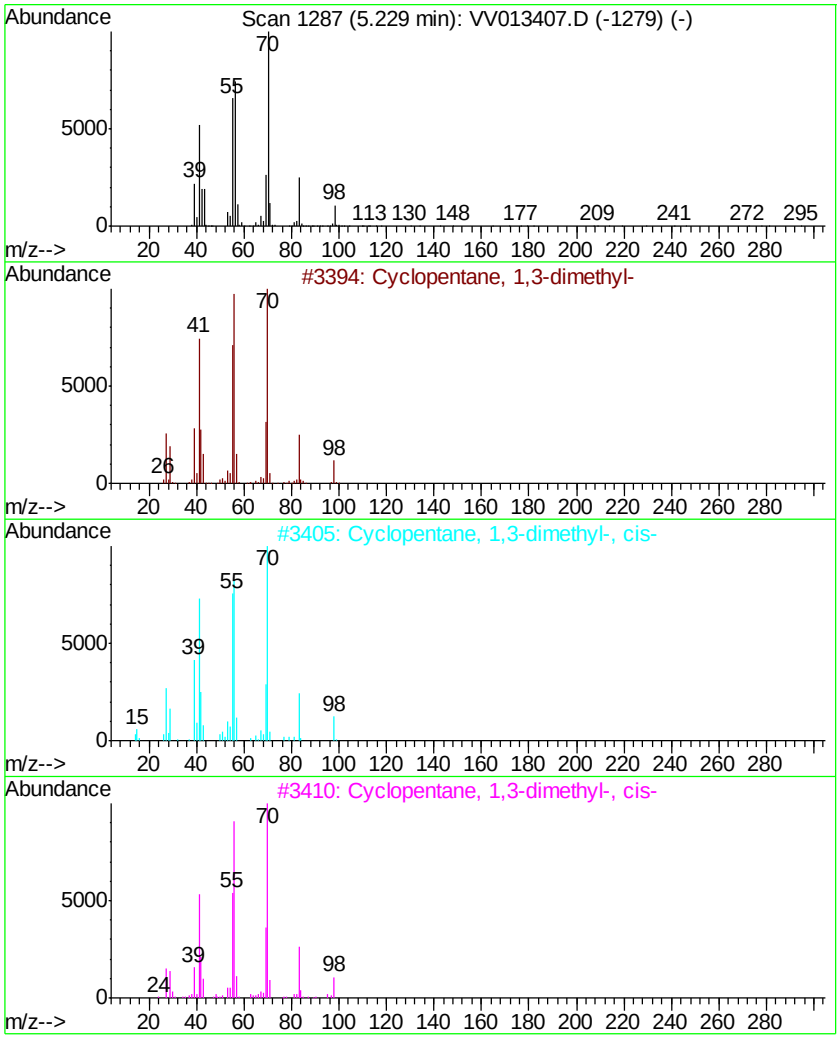
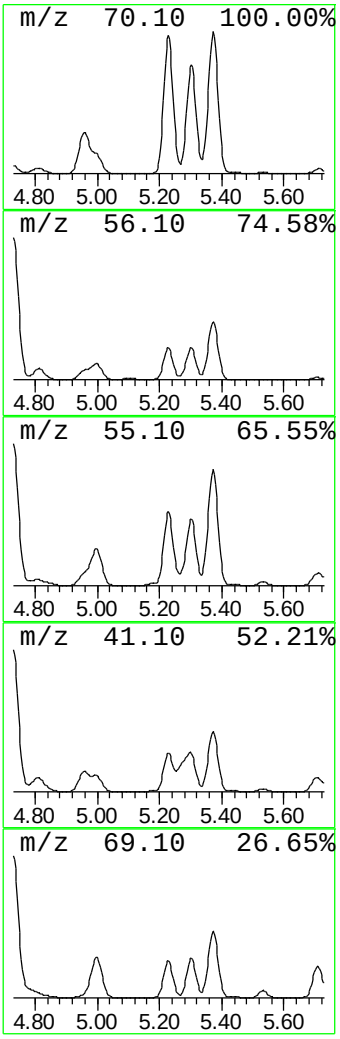
Peak Number 15 (DEL) Alkane: Cyclic5.23 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	6.19 ug/L	9532320	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	81
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

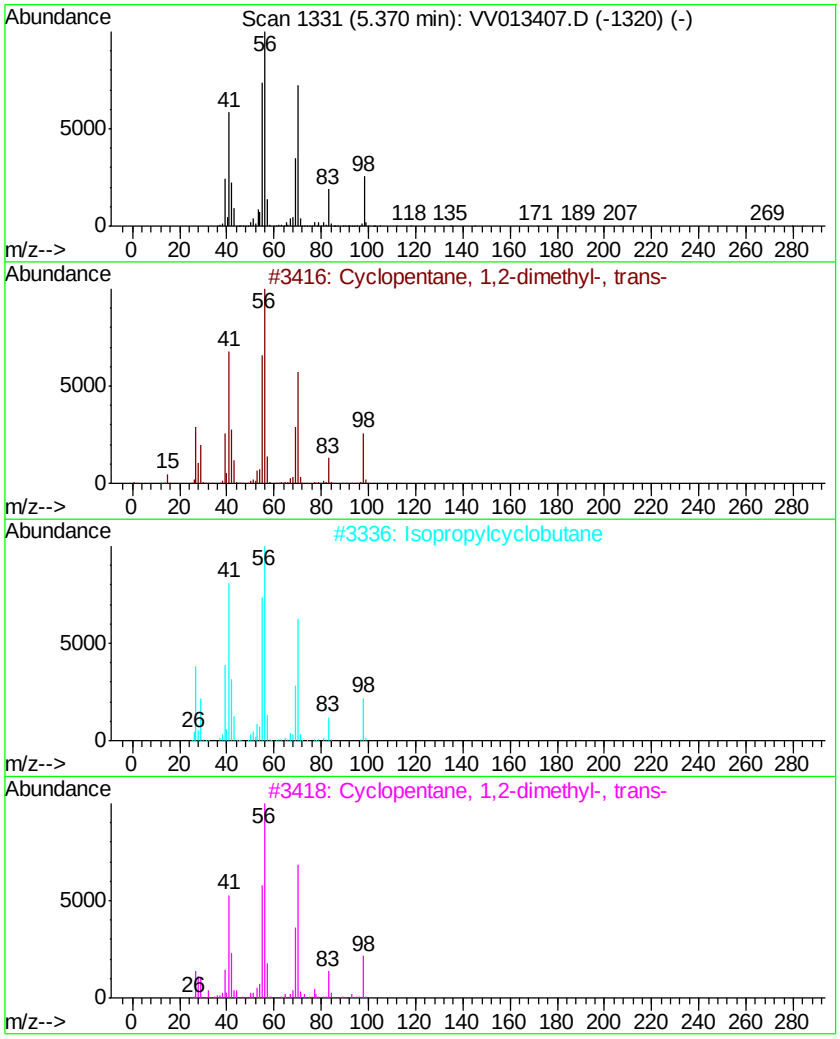
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

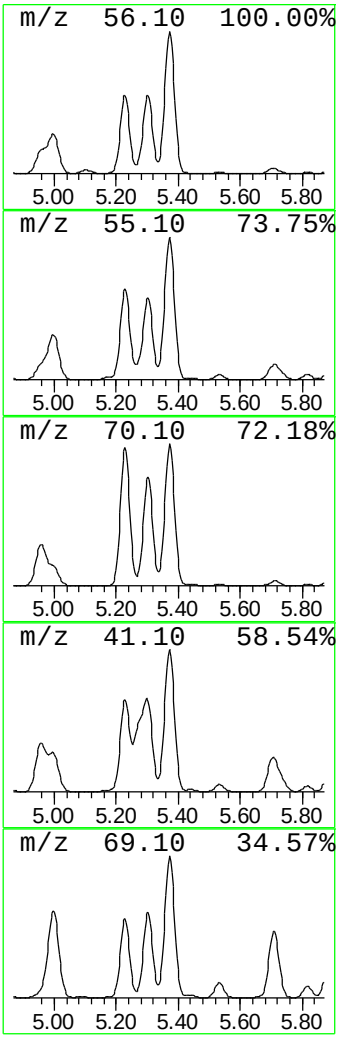
****

Peak Number 16 (DEL) Alkane: Cyclic5.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	15.55 ug/L	23946000	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

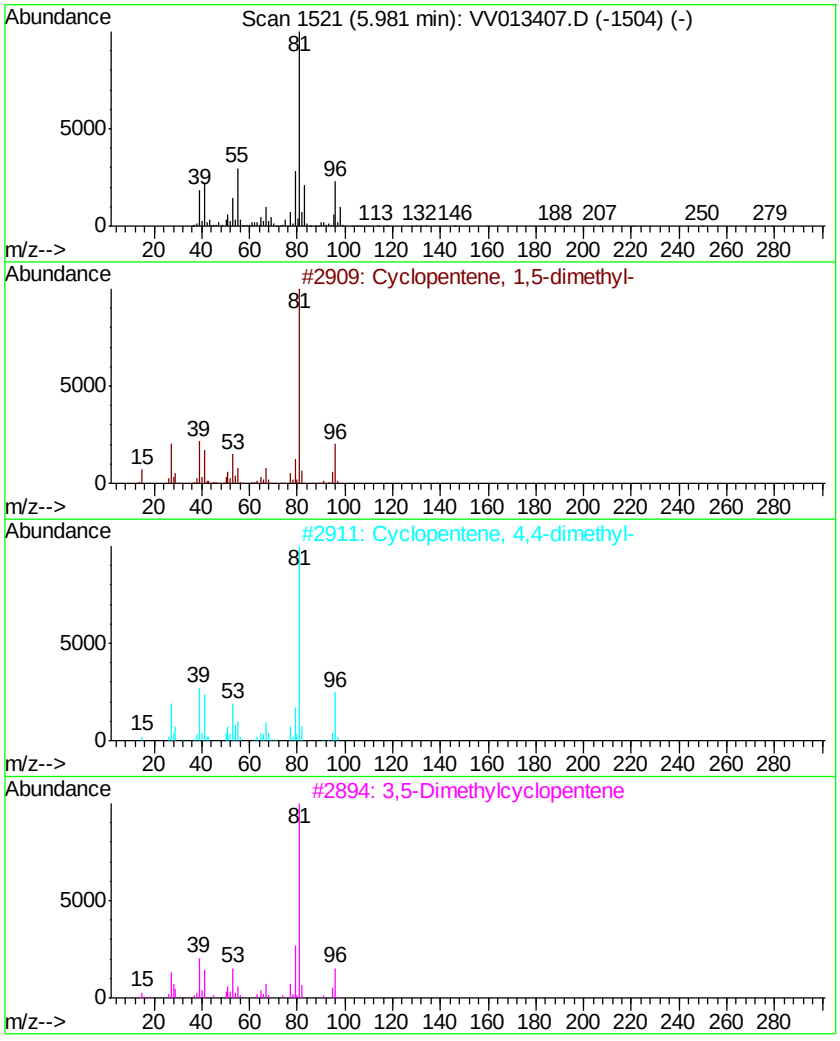
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

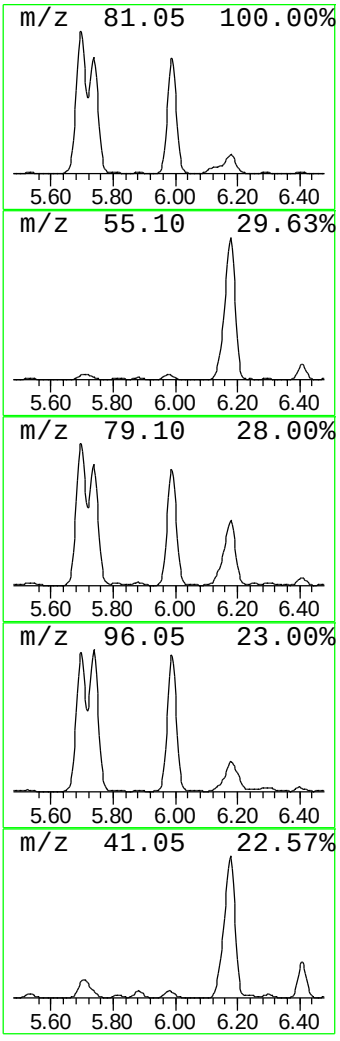
****

Peak Number 17 Cyclopentene, 1,5-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	2.81 ug/L	4332800	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	81
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	81
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	64
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	64
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	59





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

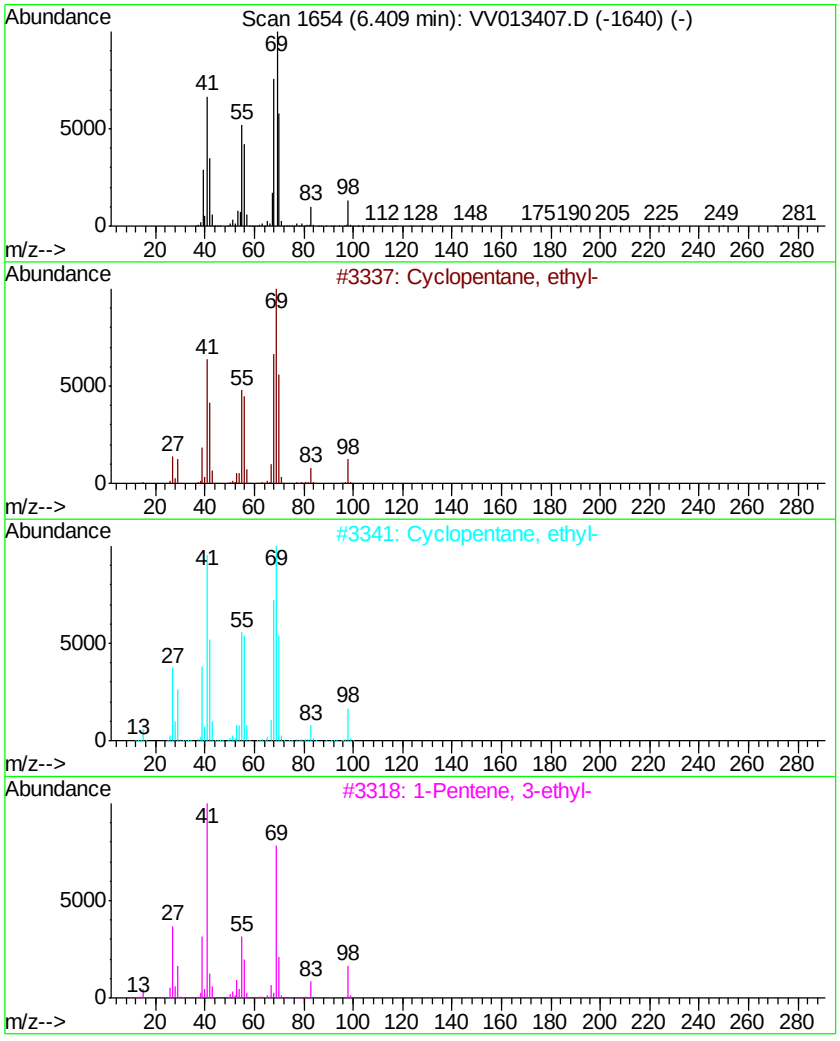
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

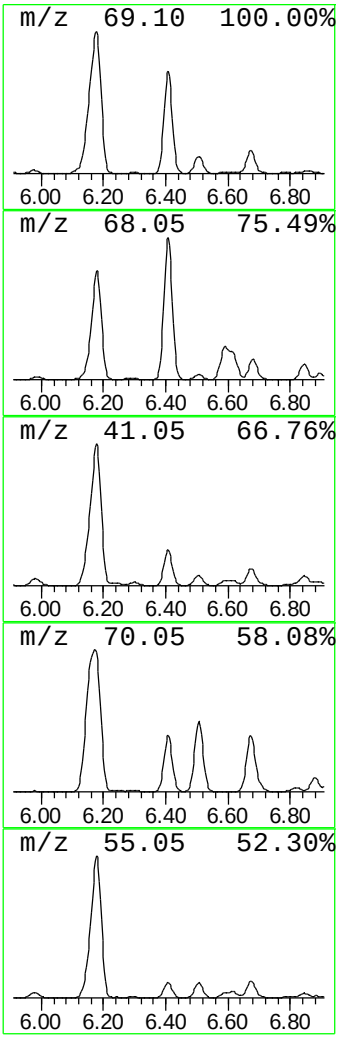
****

Peak Number 18 (DEL) Alkane: Cyclic6.41 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	5.72 ug/L	8806000	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	46
5	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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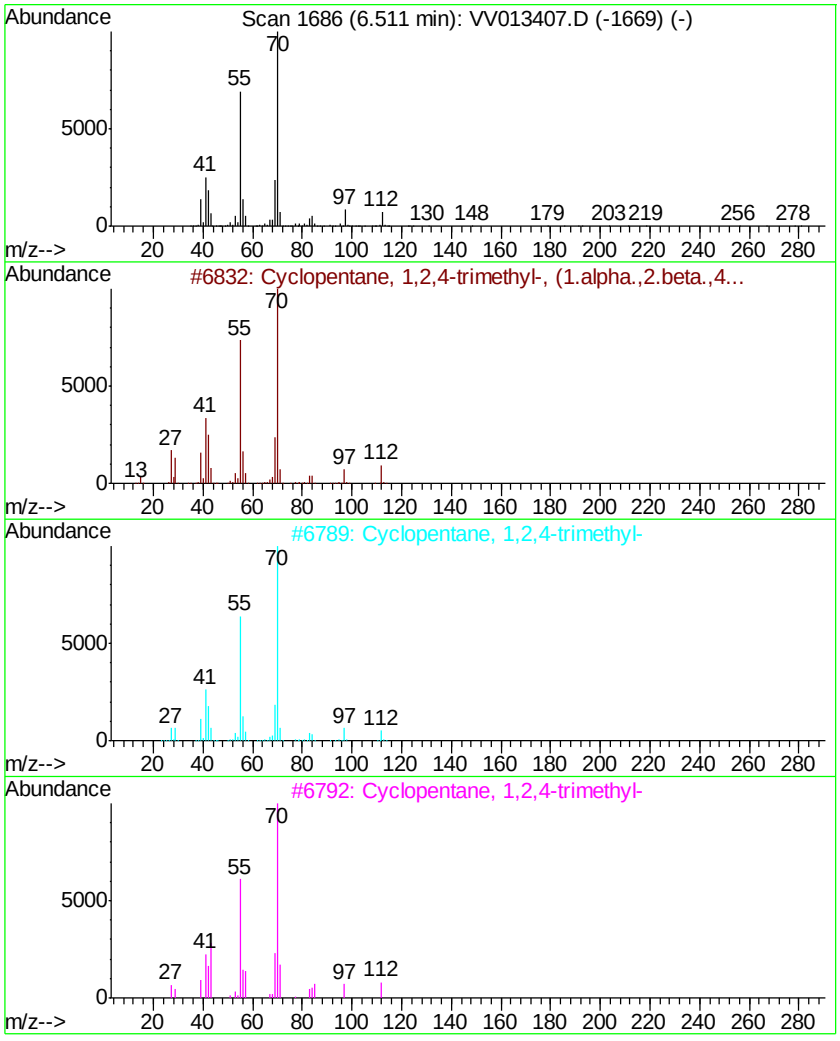
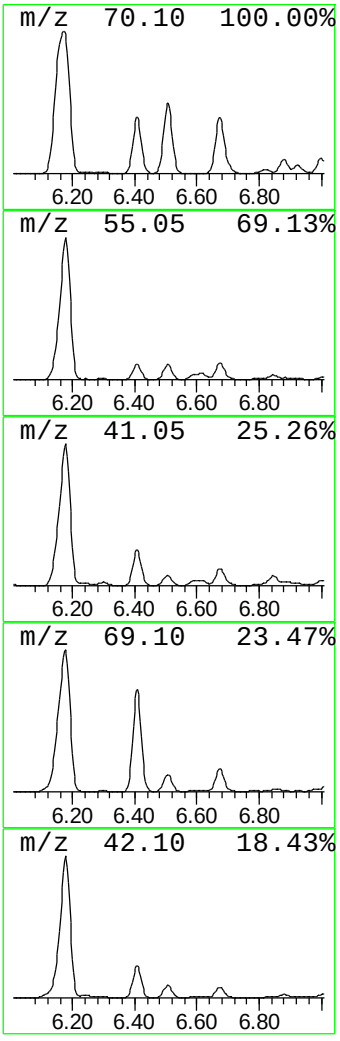
Peak Number 19 (DEL) Alkane: Cyclic6.51 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	2.74 ug/L	4216280	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	95
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

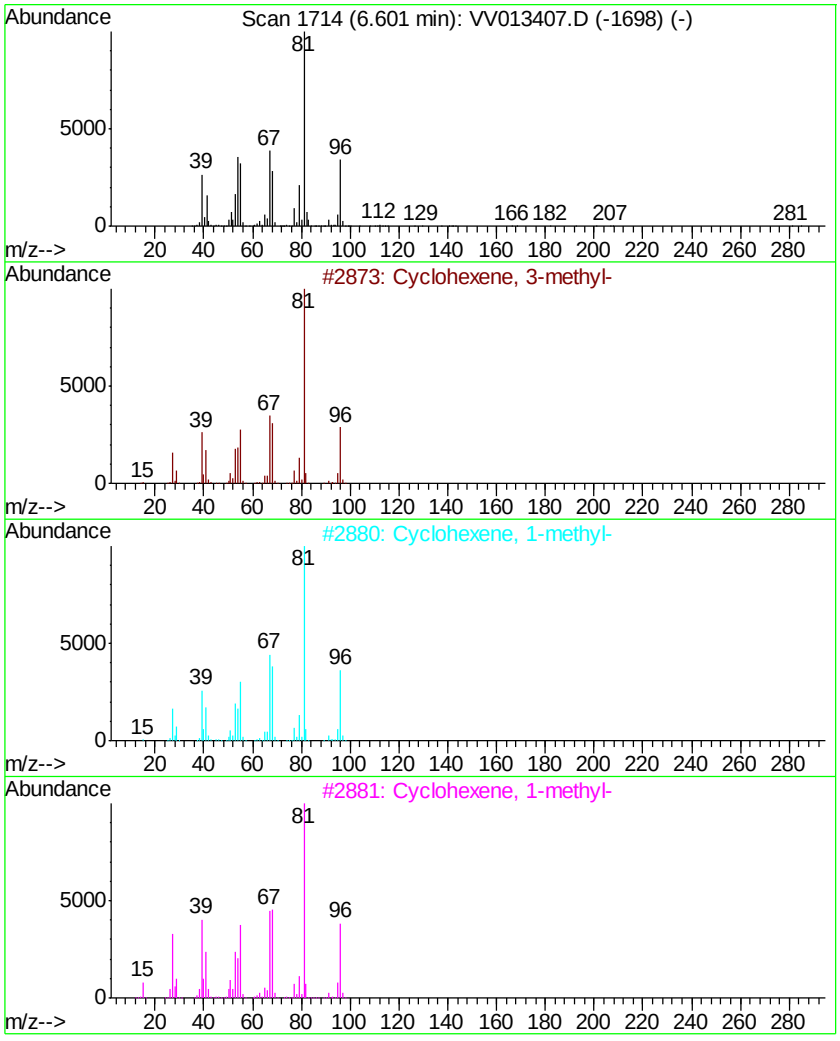
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

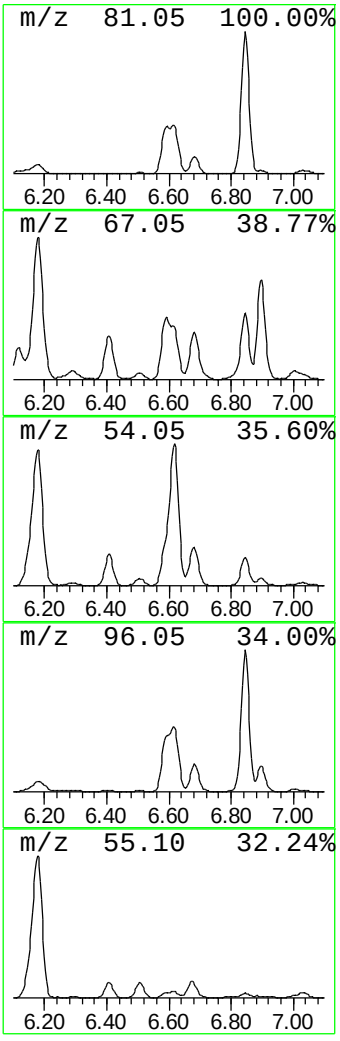
****

Peak Number 20 Cyclohexene, 3-methyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	2.01 ug/L	3096110	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	95
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

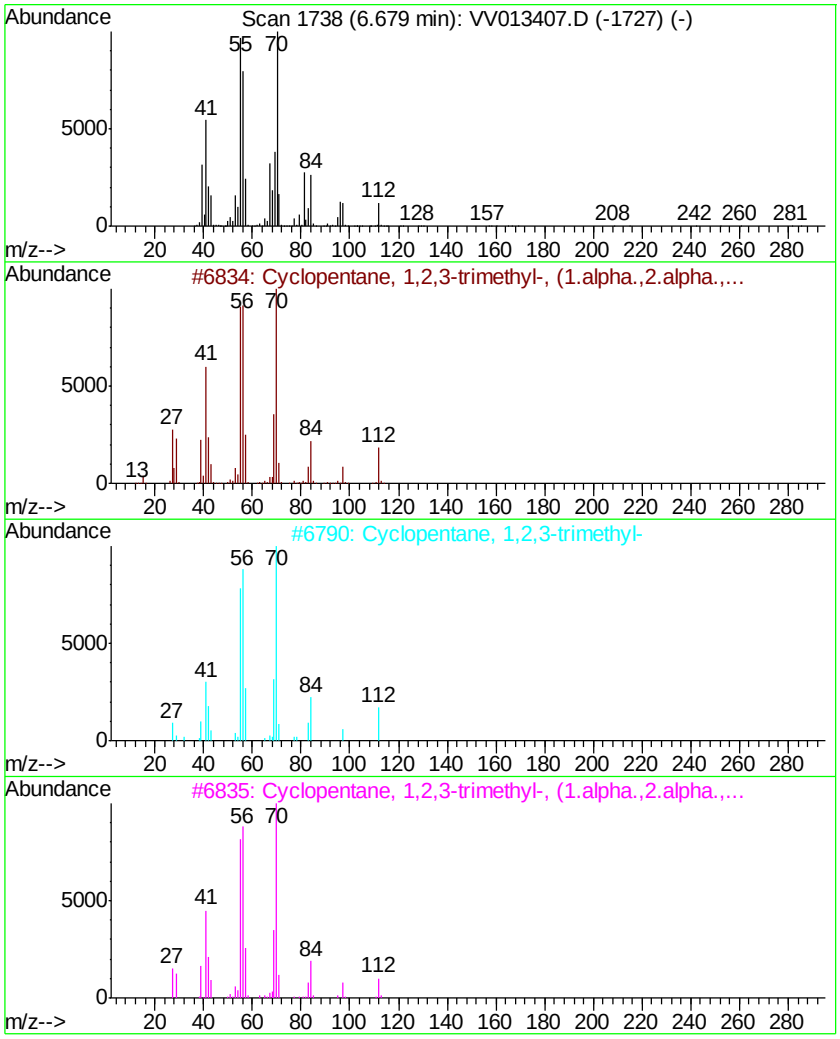
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

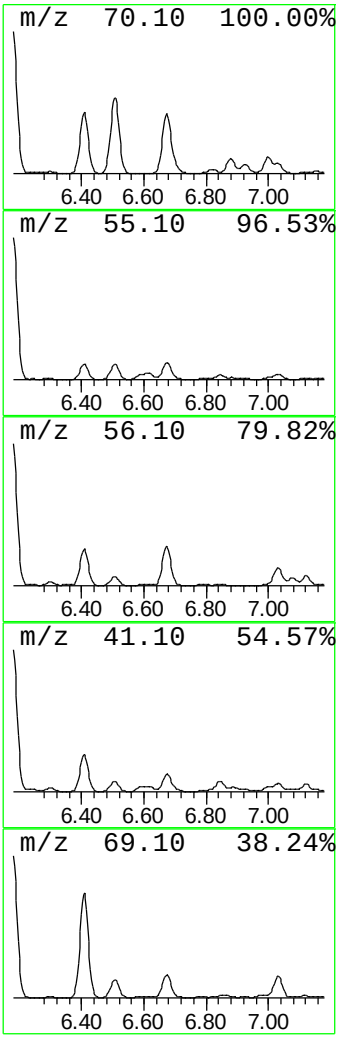
****

Peak Number 21 (DEL) Alkane: Cyclic6.68 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	5.01 ug/L	7710320	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	81
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

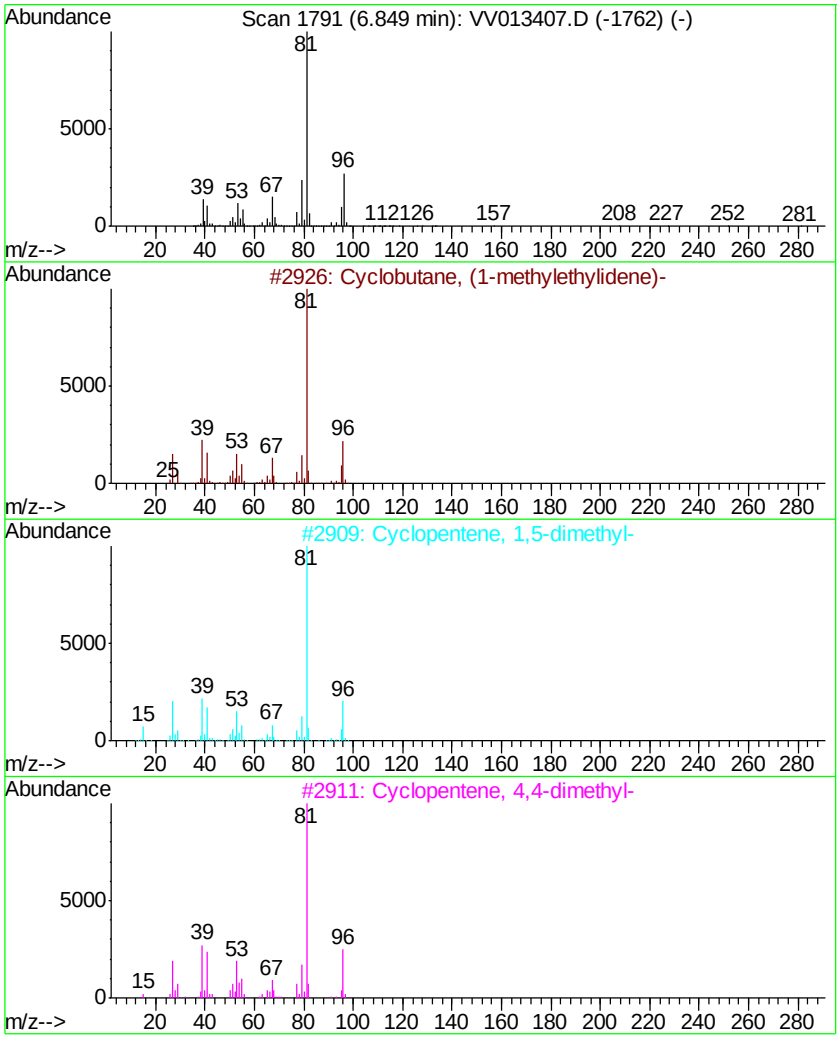
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

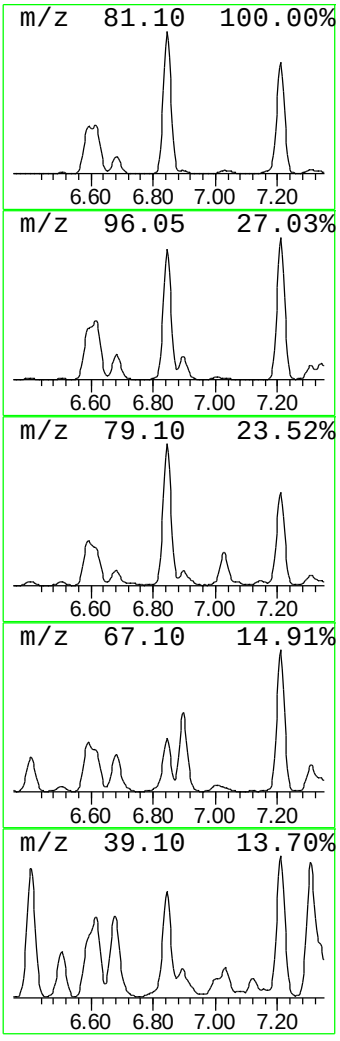
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclobutane, (1-methylethyl... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	5.76 ug/L	8866460	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	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	78
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	78





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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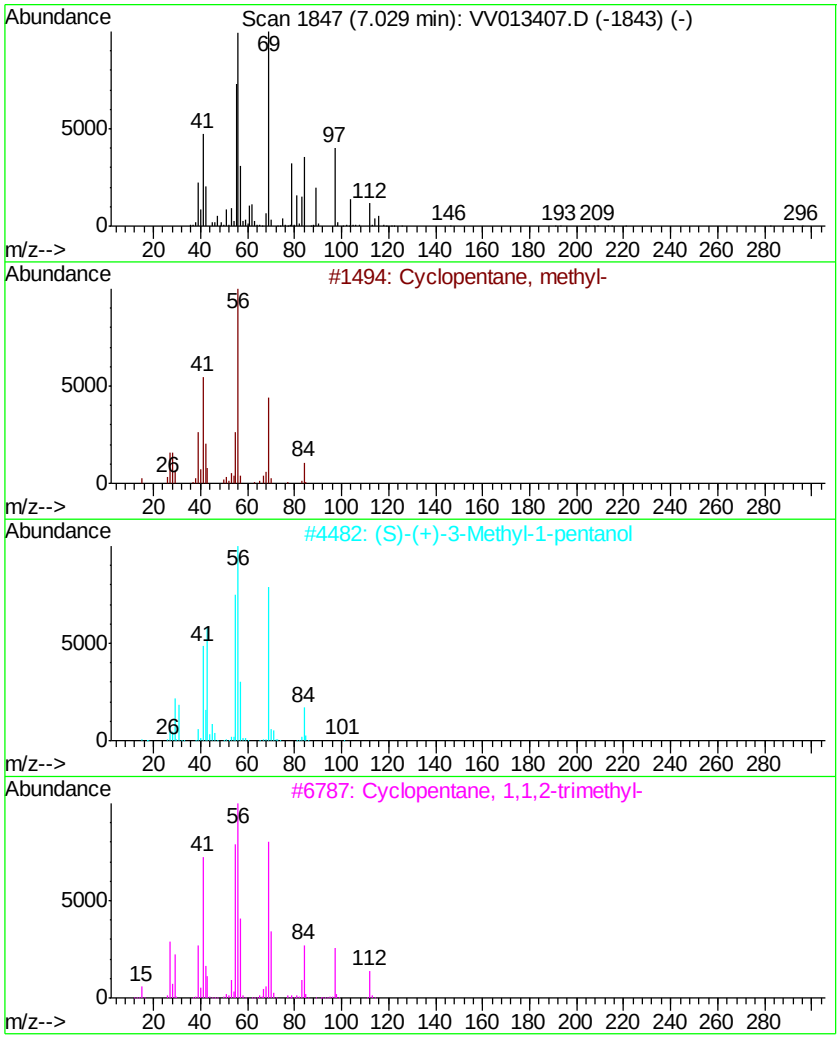
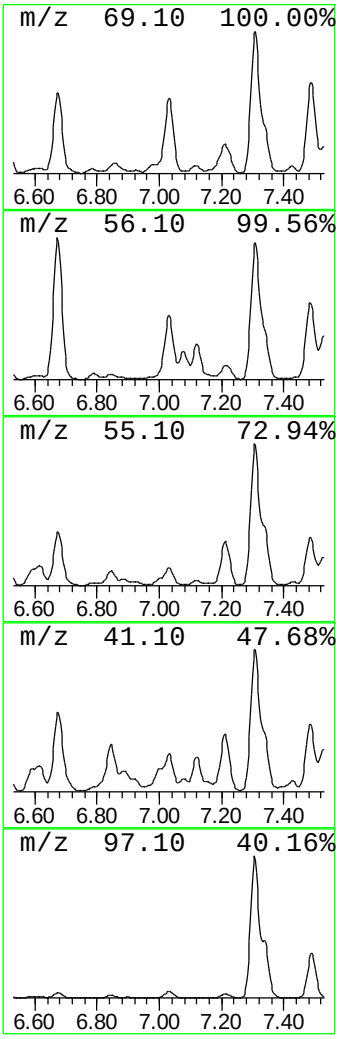
Peak Number 23 (DEL) Alkane: Cyclic7.03 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.34 ug/L	2065970	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	37
2	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	32
3	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	30
4	3-Chlorohexane	120	C6H13Cl	002346-81-8	25
5	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	18





Library Search Compound Report

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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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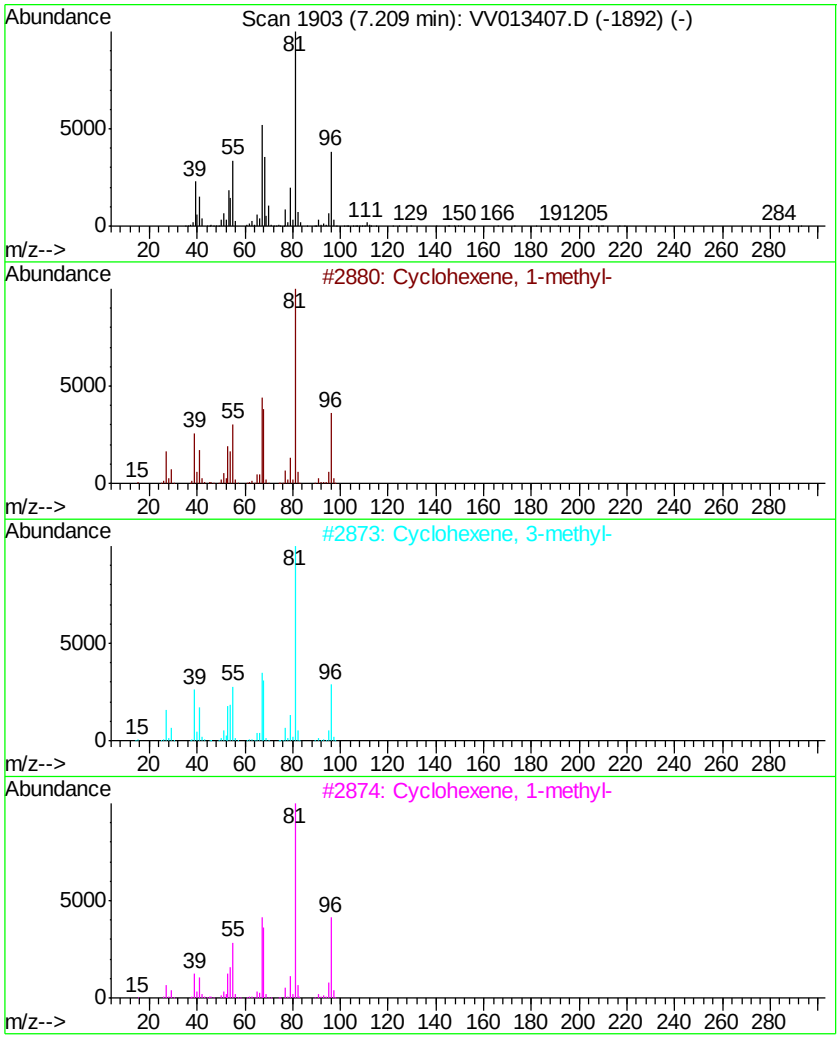
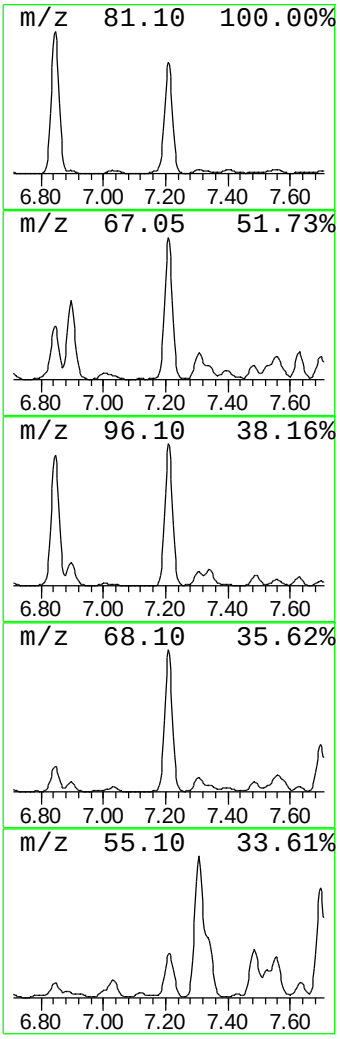
Peak Number 24 Cyclohexene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	6.47 ug/L	9958110	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	93
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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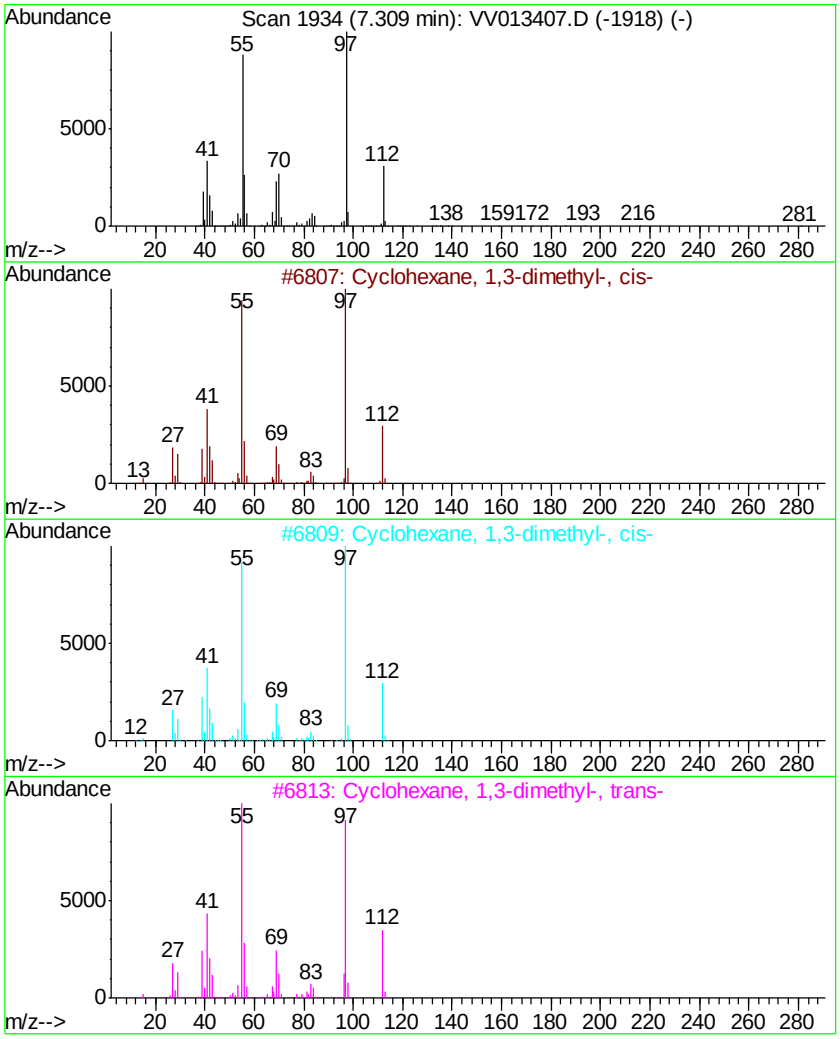
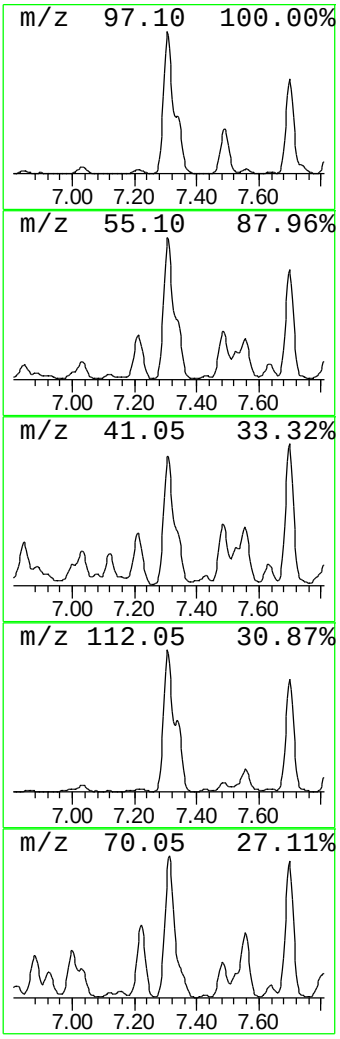
Peak Number 25 (DEL) Alkane: Cyclic7.31 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	21.89 ug/L	13789700	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, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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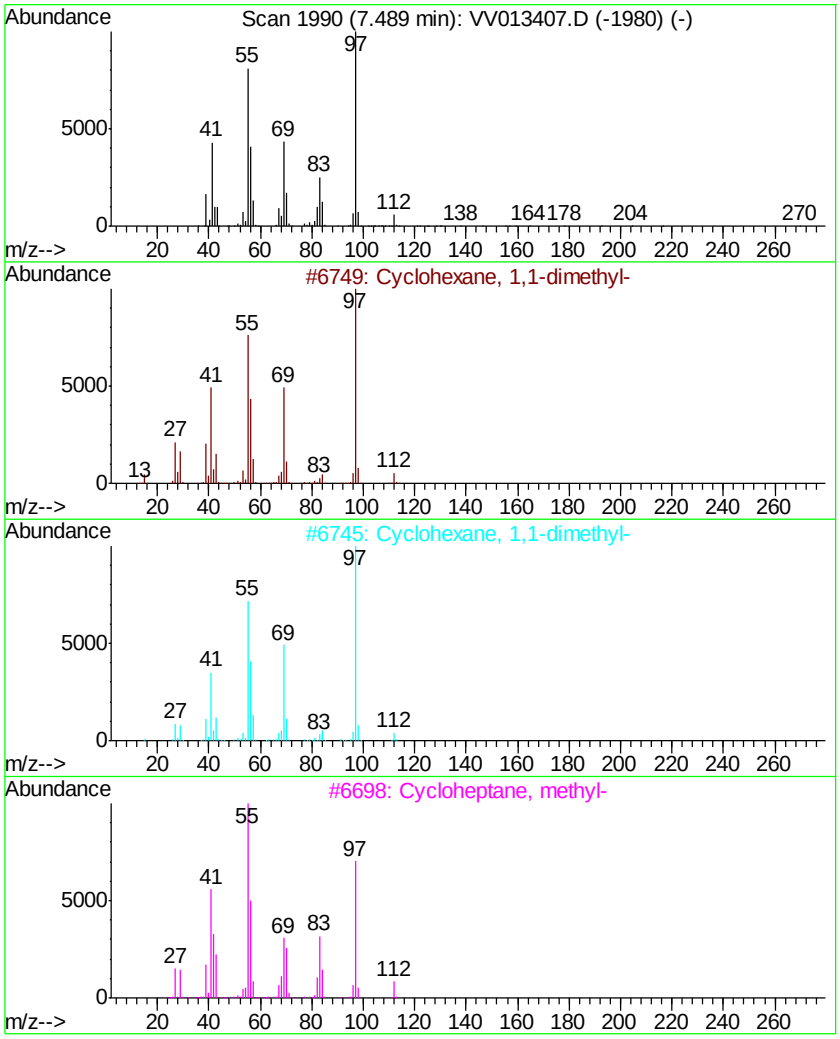
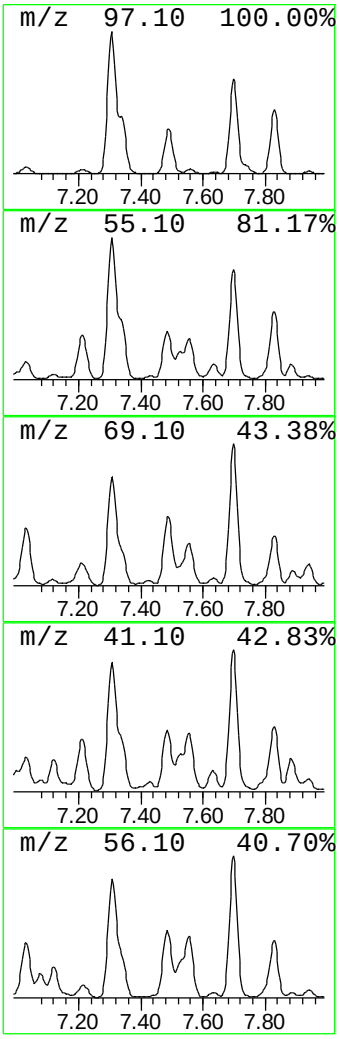
Peak Number 26 (DEL) Alkane: Cyclic7.49 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.85 ug/L	3687480	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	74
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

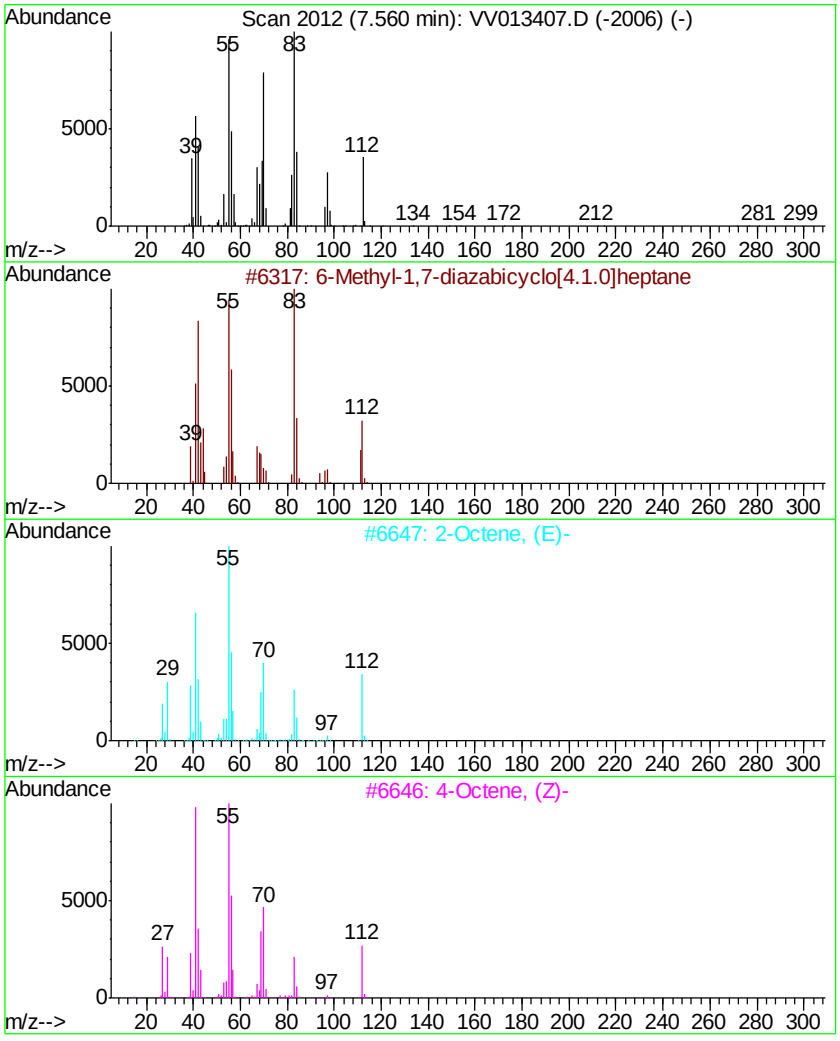
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

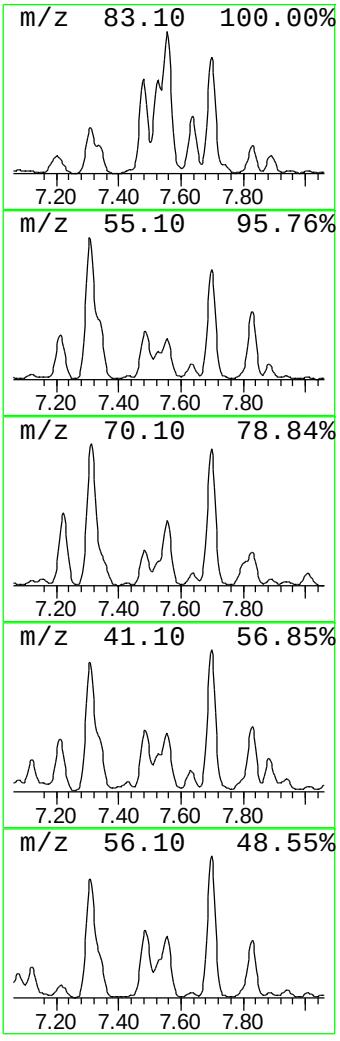
****

Peak Number 27 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	6.46 ug/L	4068430	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1,7-diazabicyclo[4.1.0]...	112	C6H12N2	108602-71-7	46
2	2-Octene, (E)-	112	C8H16	013389-42-9	41
3	4-Octene, (Z)-	112	C8H16	007642-15-1	38
4	3-Octene, (E)-	112	C8H16	014919-01-8	38
5	Cyclooctane	112	C8H16	000292-64-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

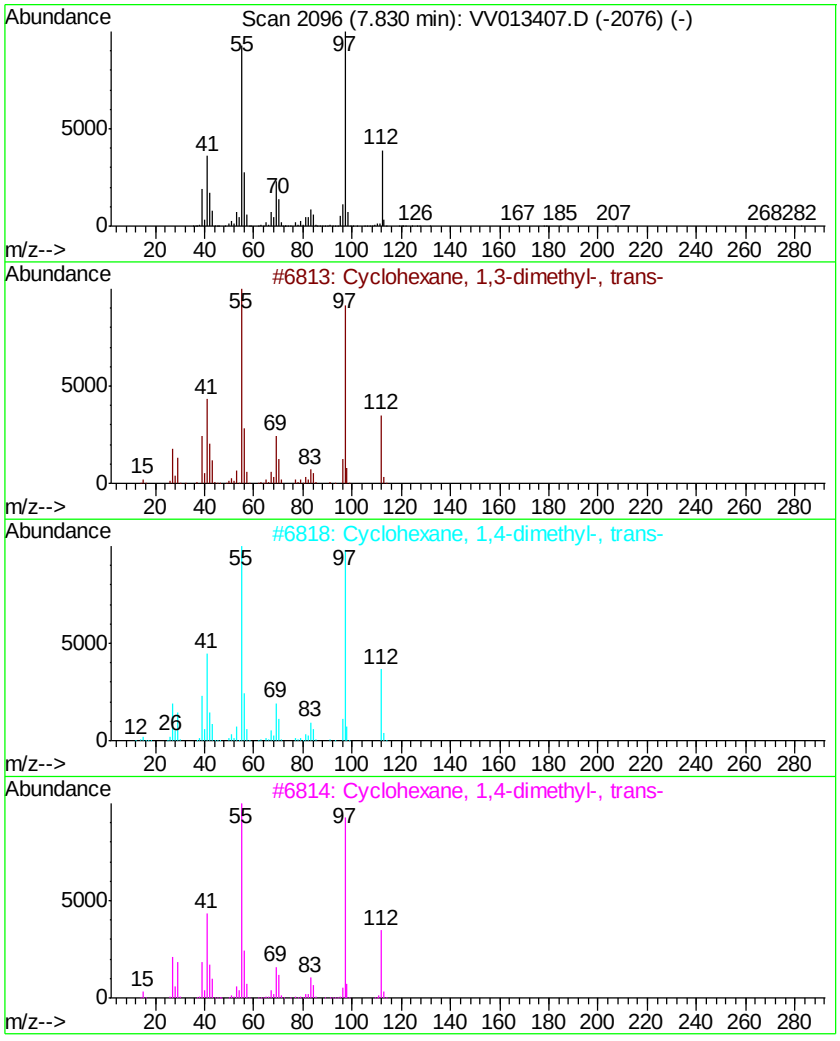
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

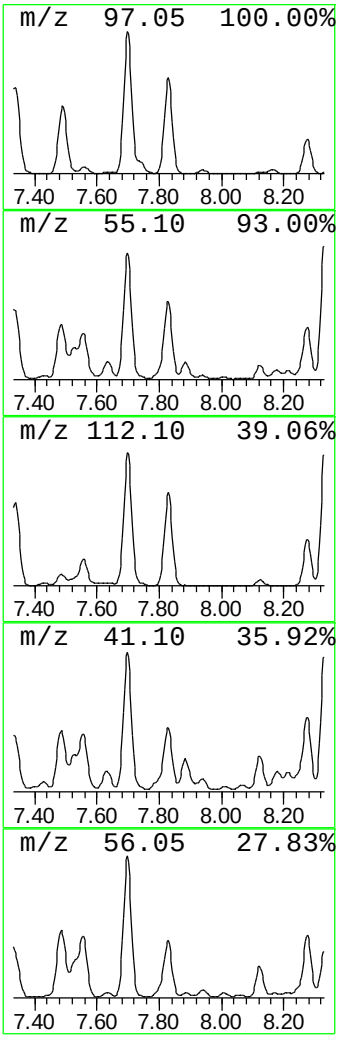
****

Peak Number 28 (DEL) Alkane: Cyclic7.83 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	10.30 ug/L	6485050	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

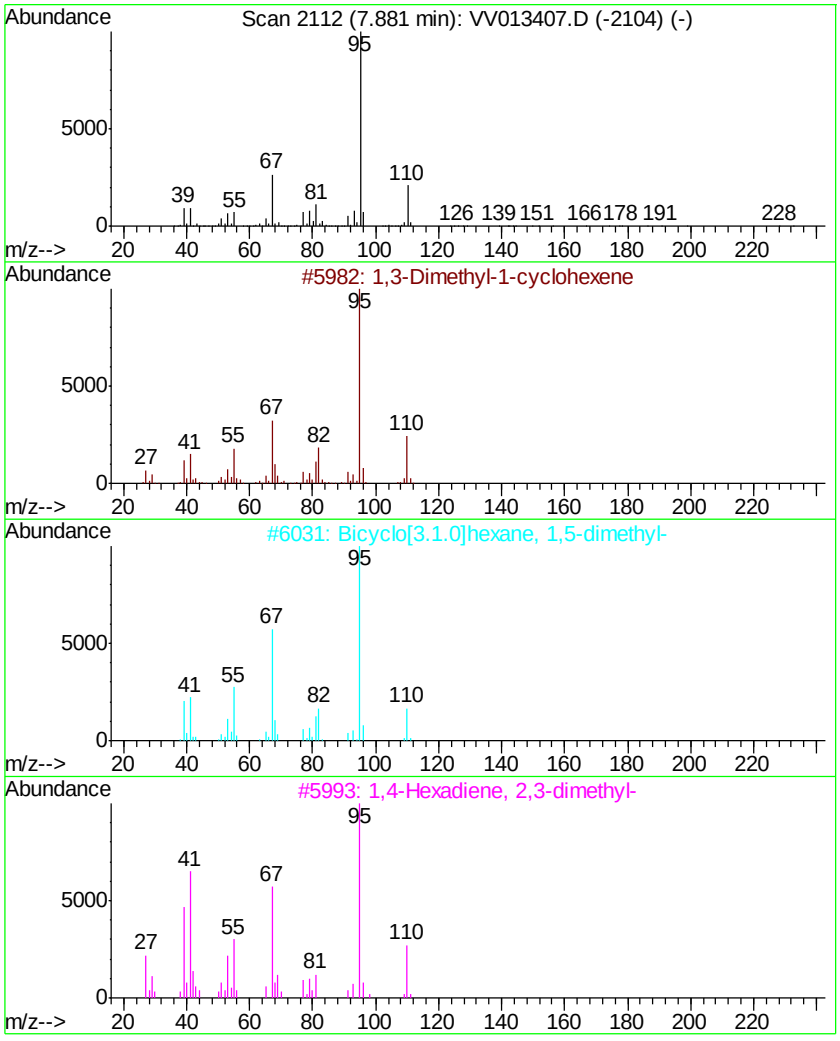
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

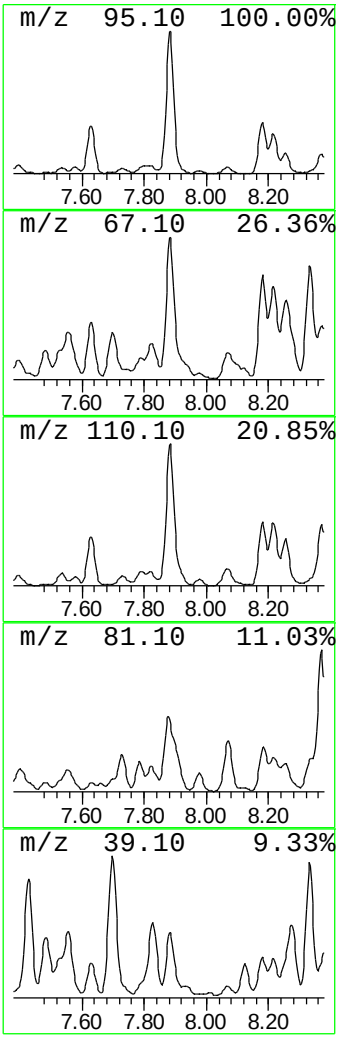
****

Peak Number 29 1,3-Dimethyl-1-cyclohexene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	7.14 ug/L	4500140	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	91
3	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	91
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	90
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

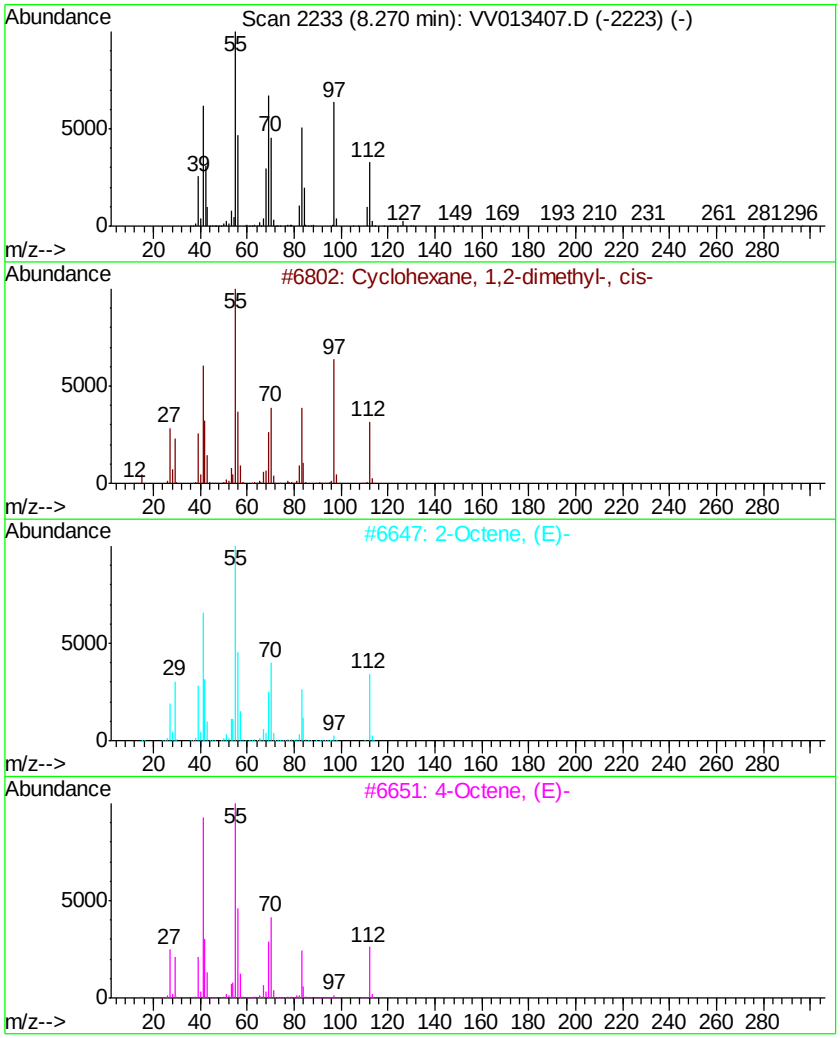
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

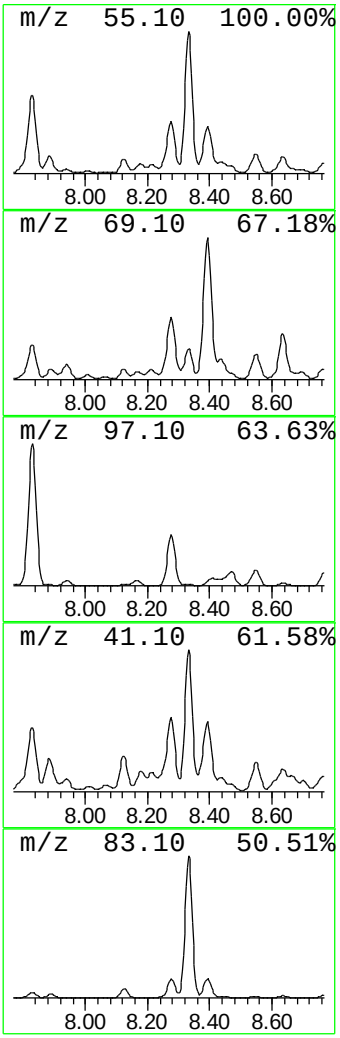
****

Peak Number 31 (DEL) Alkane: Cyclic8.27 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	8.84 ug/L	5567650	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	81
2	2-Octene, (E)-	112	C8H16	013389-42-9	52
3	4-Octene, (E)-	112	C8H16	014850-23-8	52
4	4-Octene, (E)-	112	C8H16	014850-23-8	52
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

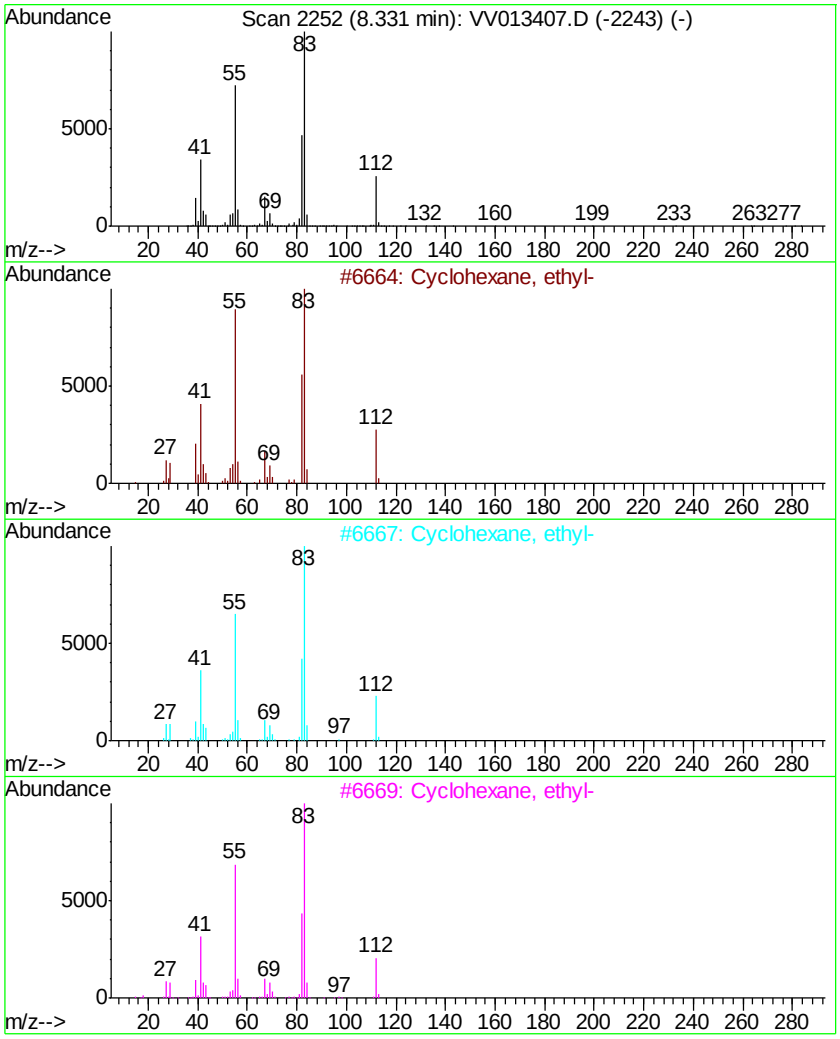
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

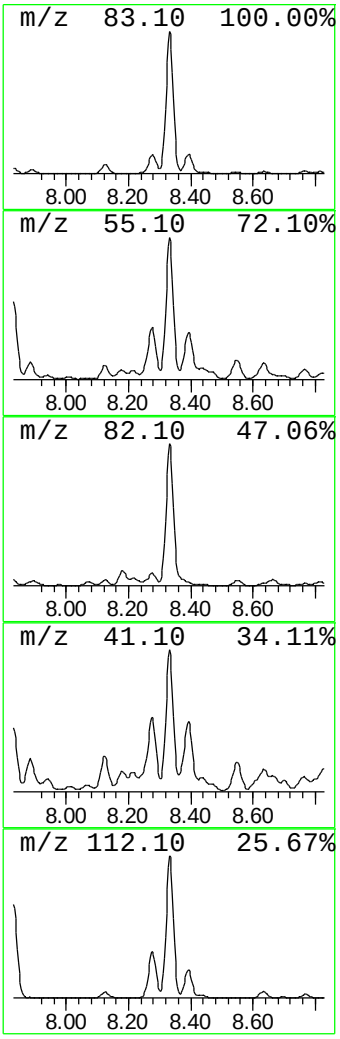
****

Peak Number 32 (DEL) Alkane: Cyclic8.33 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	13.84 ug/L	8718110	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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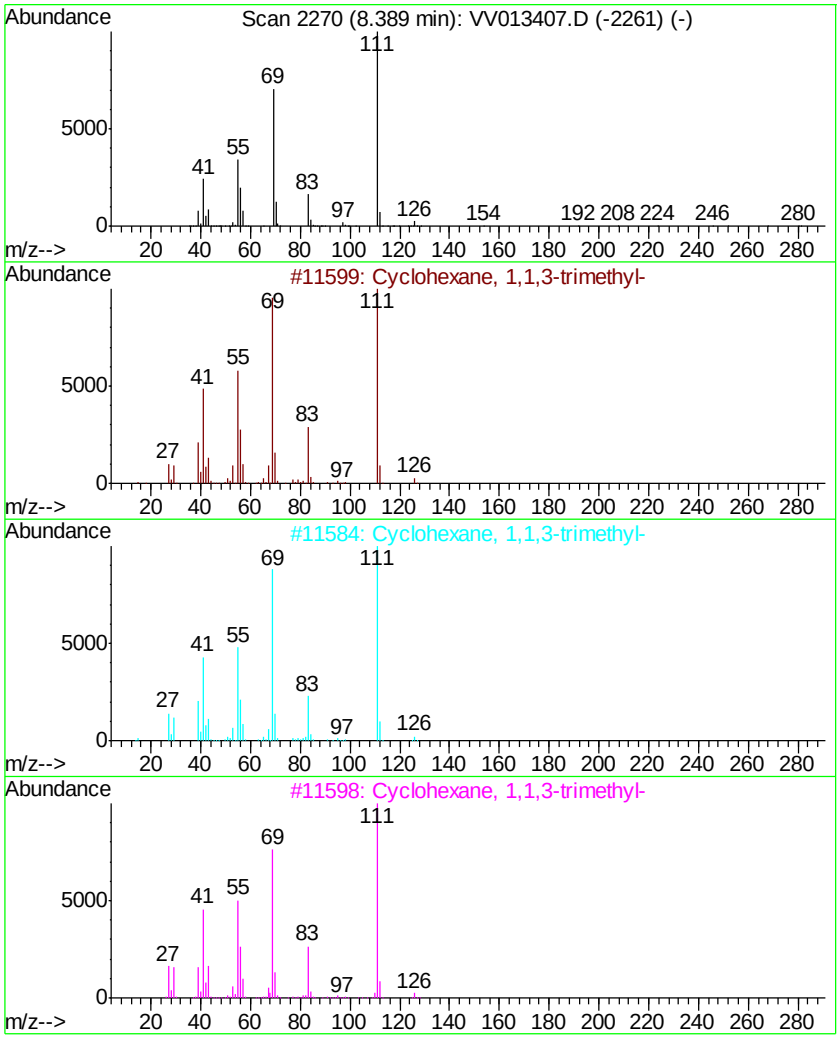
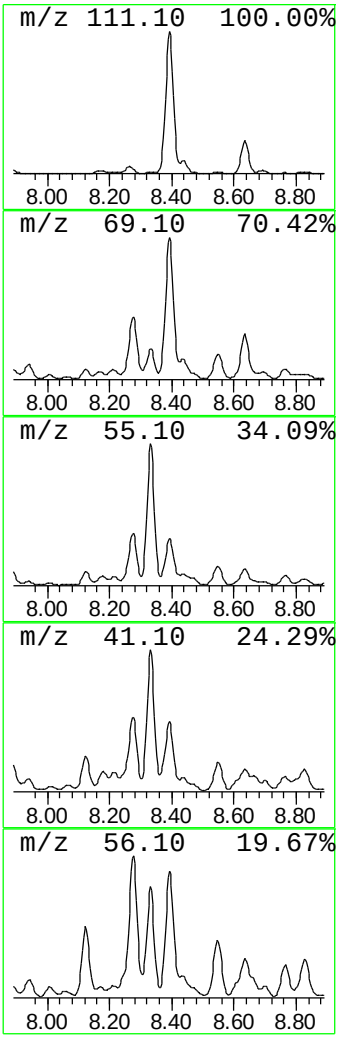
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	8.81 ug/L	5546260	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

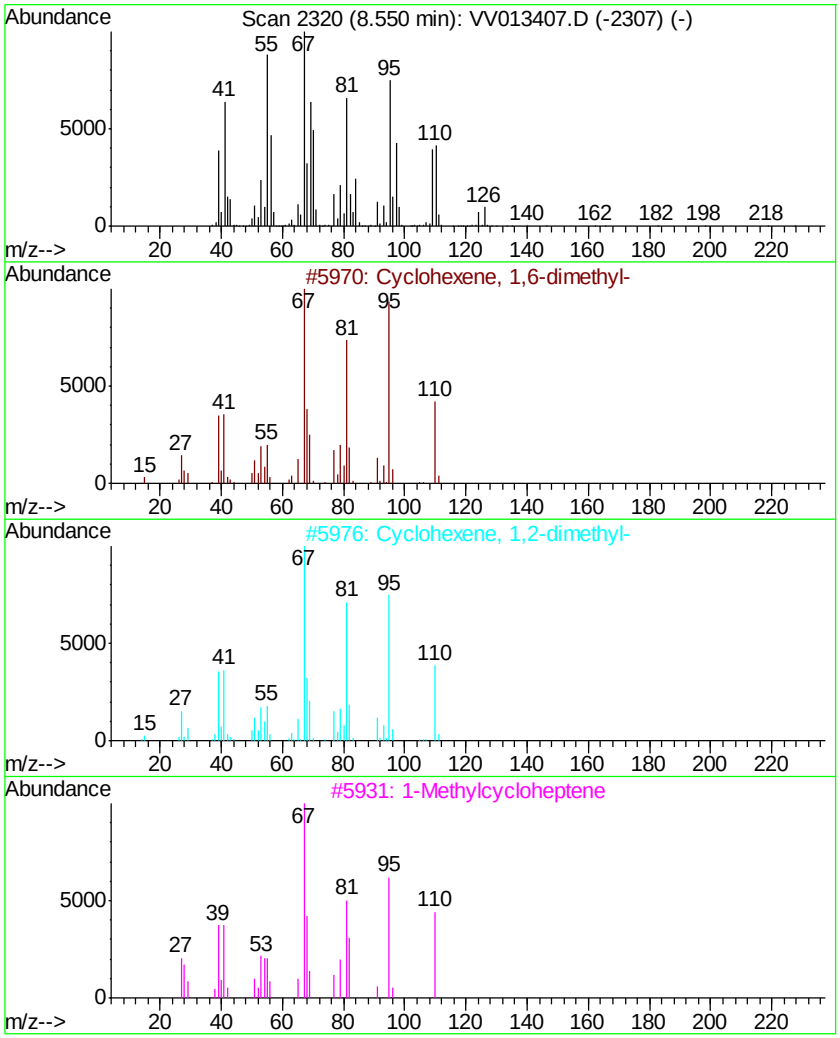
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

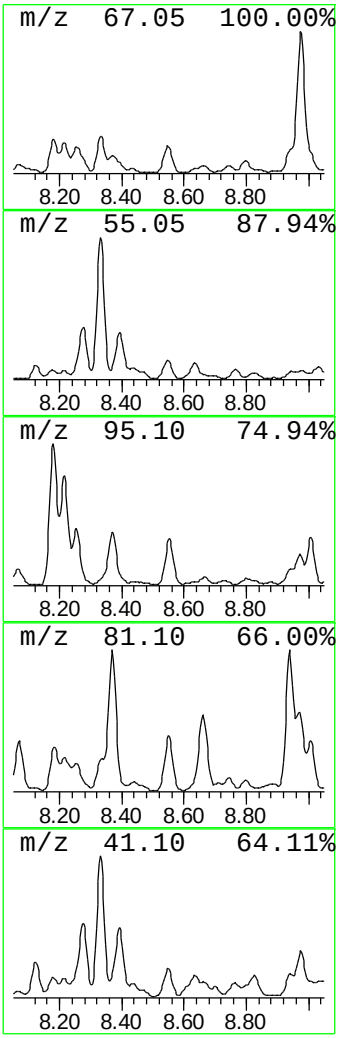
****

Peak Number 34 Cyclohexene, 1,6-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	5.22 ug/L	3288480	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	95
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	95
3	1-Methylcycloheptene	110	C8H14	055308-20-8	50
4	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	45
5	3-Octyne	110	C8H14	015232-76-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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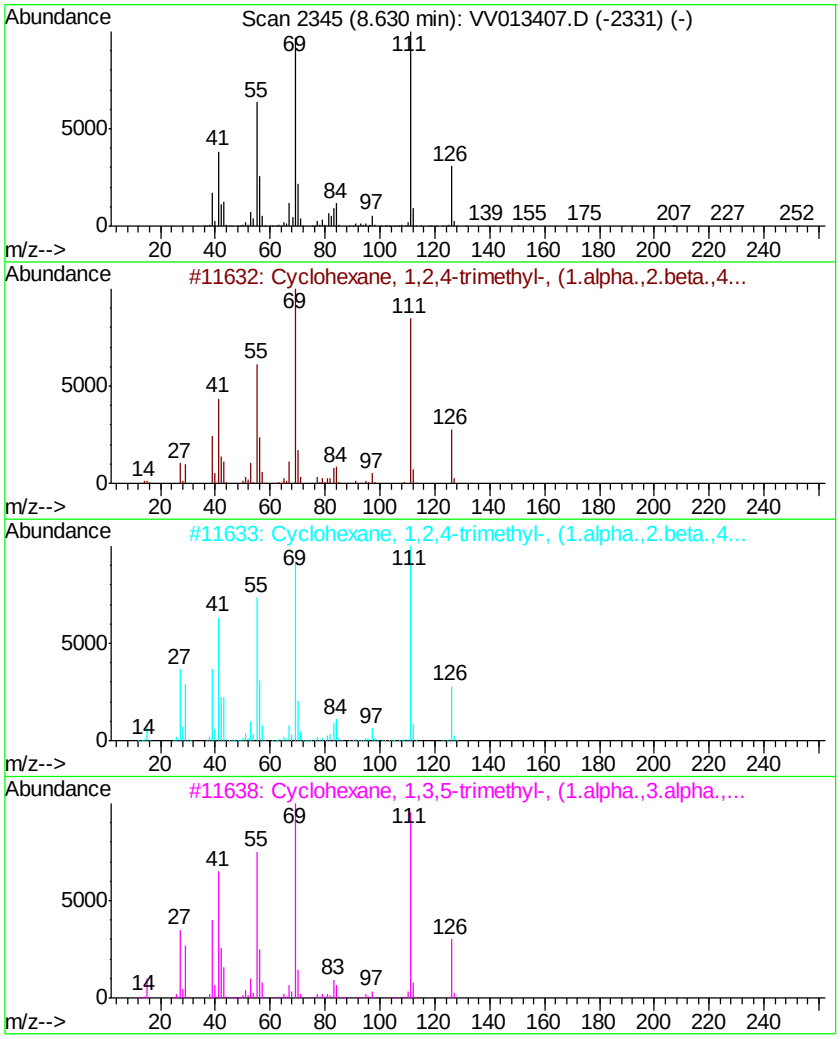
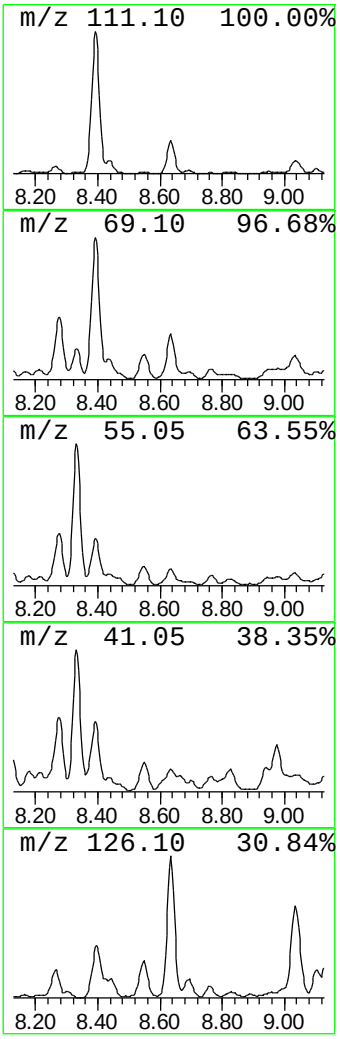
Peak Number 35 (DEL) Alkane: Cyclic8.63 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.08 ug/L	2566910	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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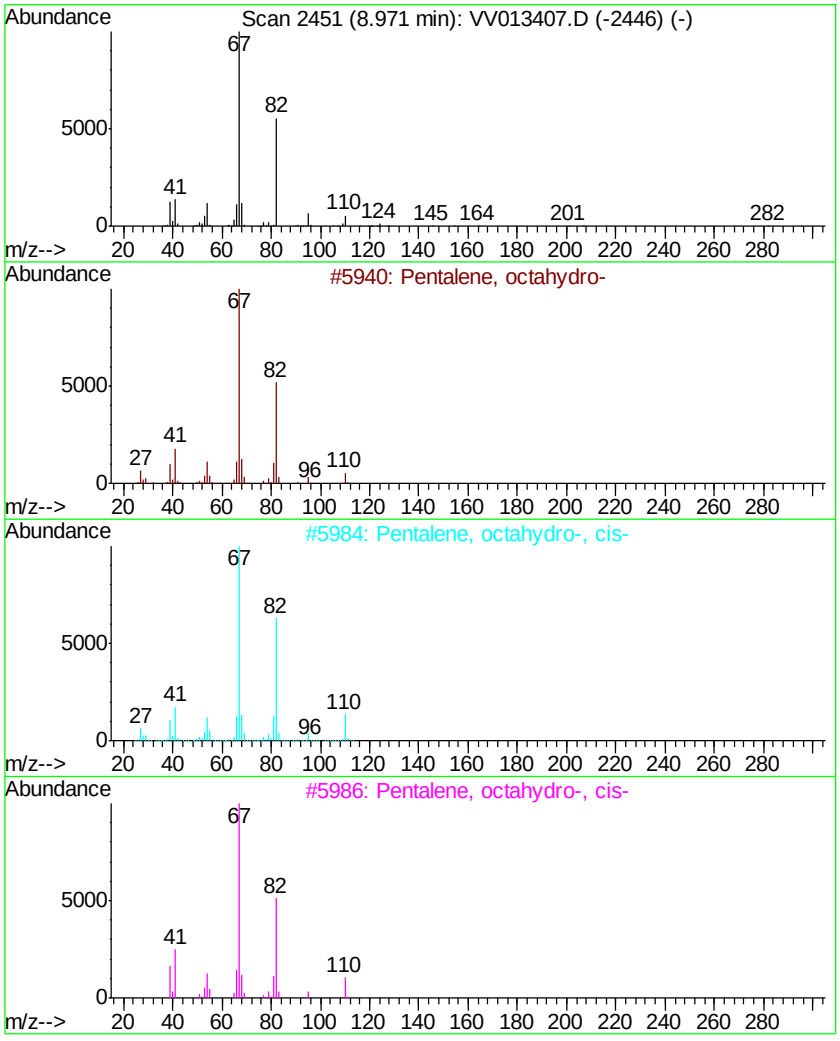
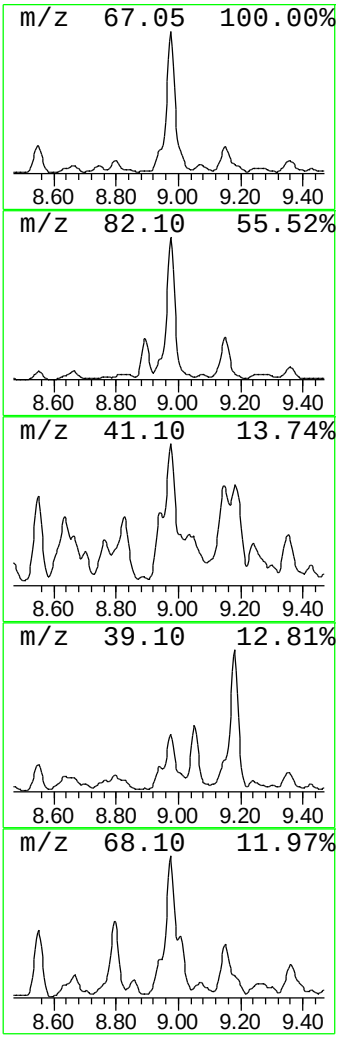
Peak Number 36 Pentalene, octahydro- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.00 ug/L	3149450	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	91
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	83
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	83
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	64
5	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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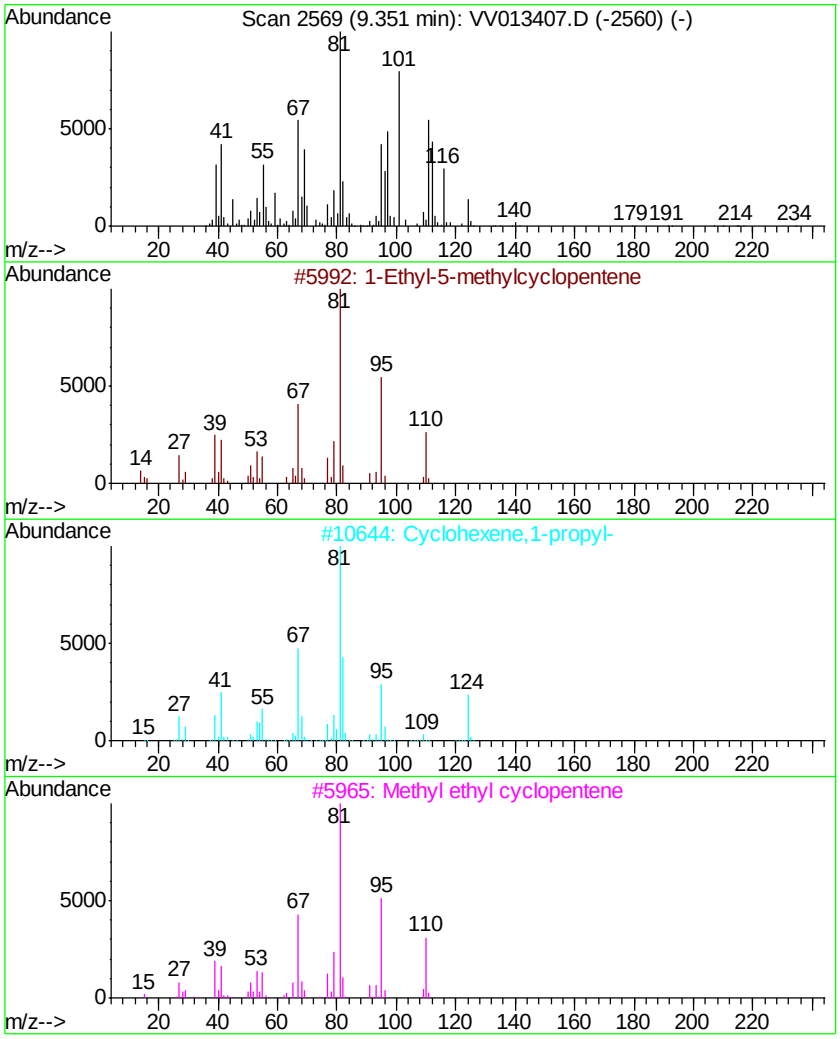
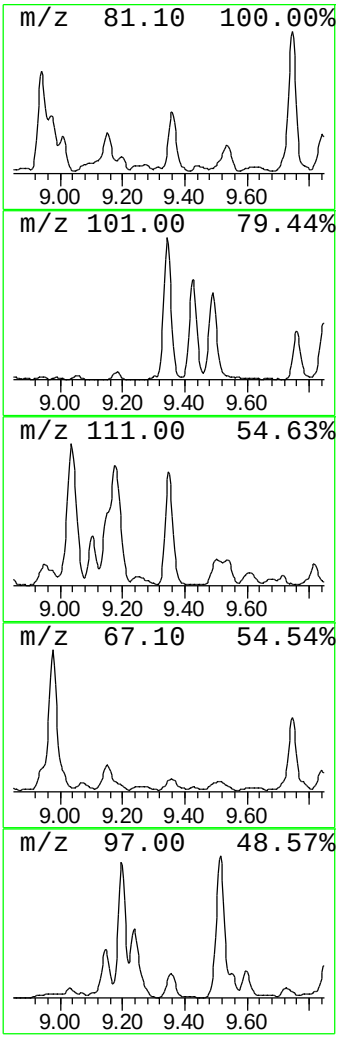
Peak Number 37 unknown-02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	3.54 ug/L	2229750	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	35
2	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	35
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	27
4	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	27
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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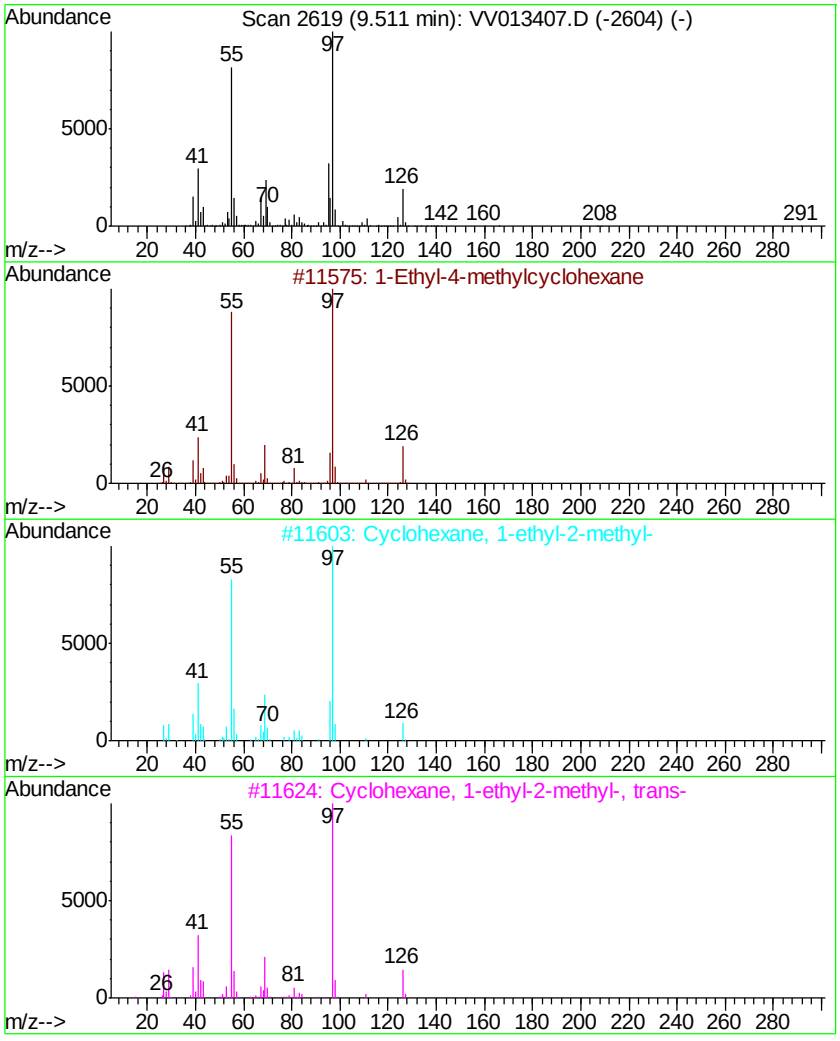
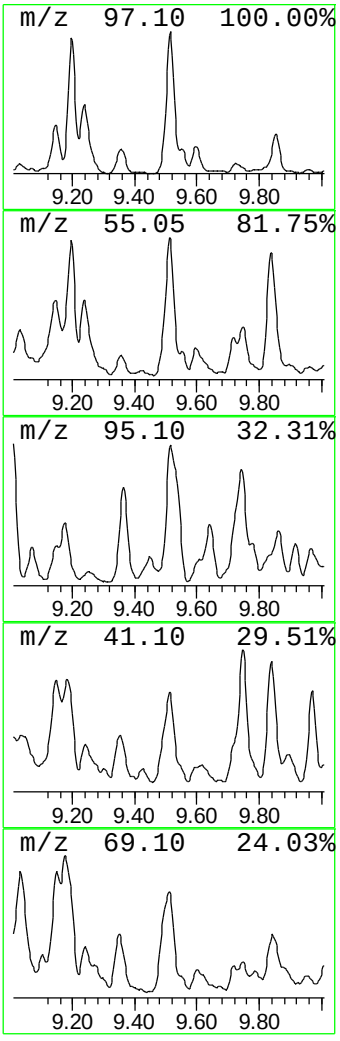
Peak Number 38 (DEL) Alkane: Cyclic9.51 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.71 ug/L	4224550	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

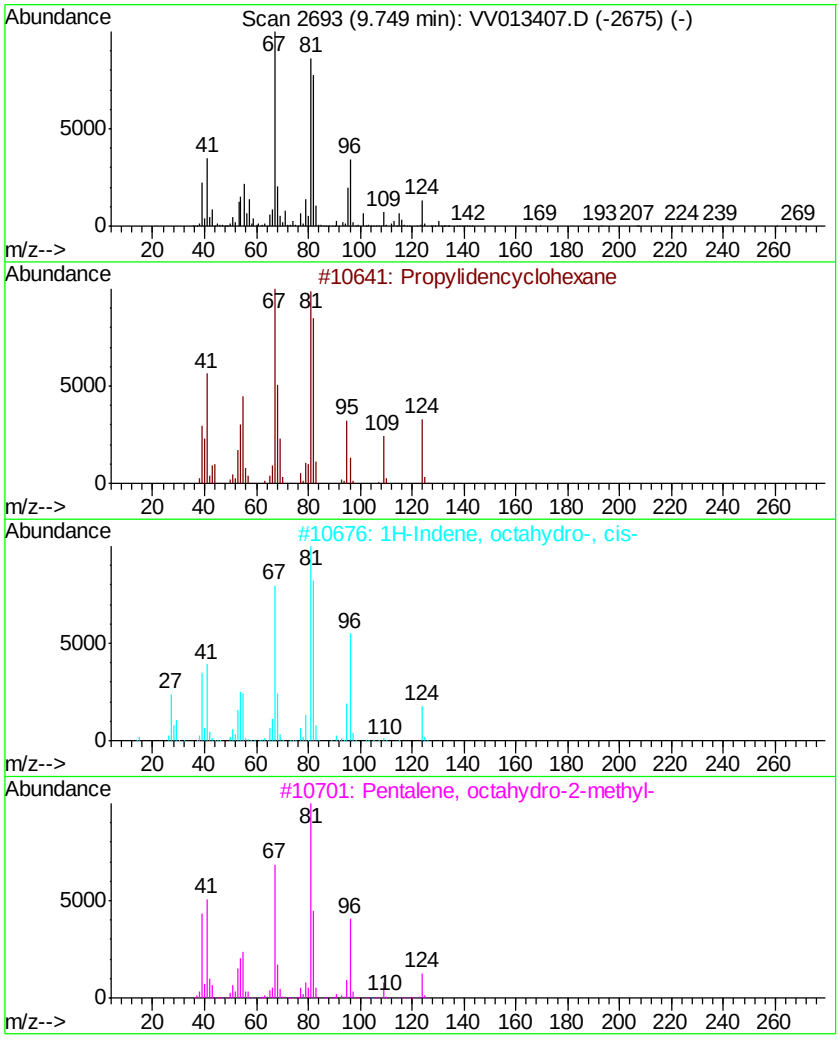
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

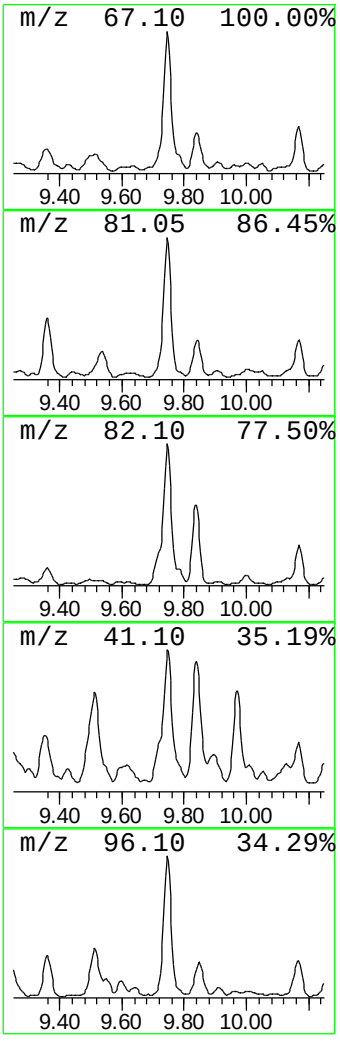
****

Peak Number 39 Propylidencyclohexane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	9.23 ug/L	5811240	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylidencyclohexane	124	C9H16	002129-93-3	64
2	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	64
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
4	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	43
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

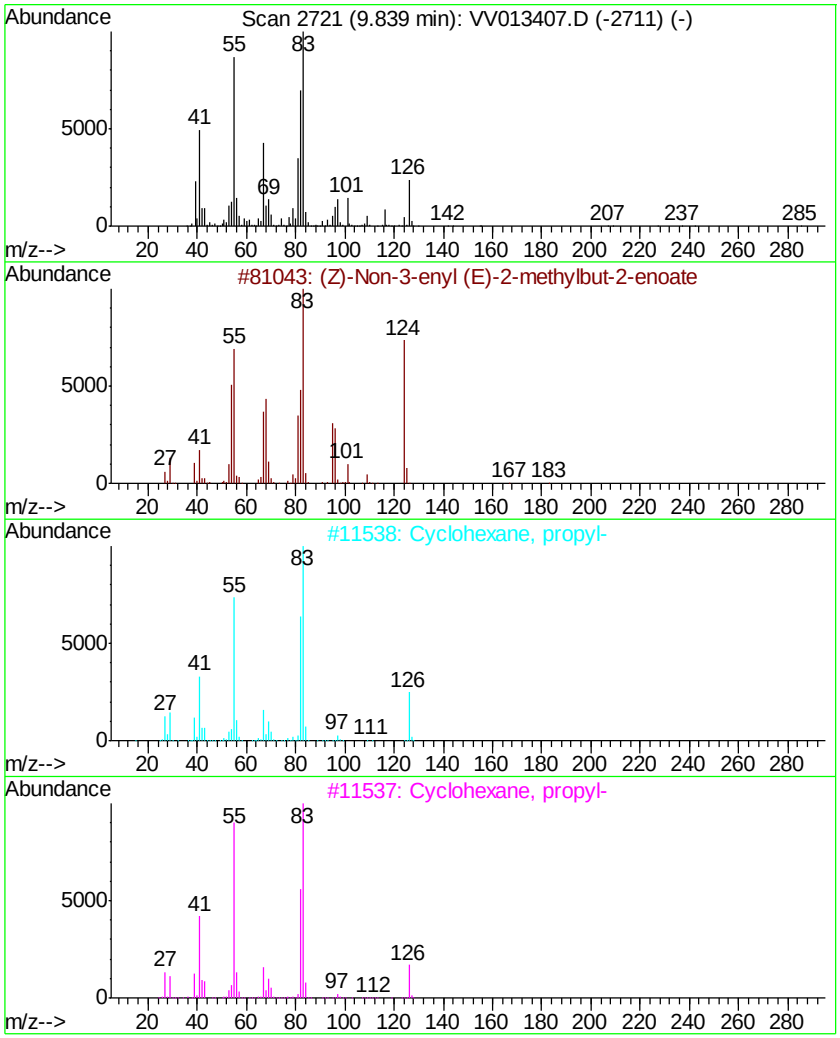
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

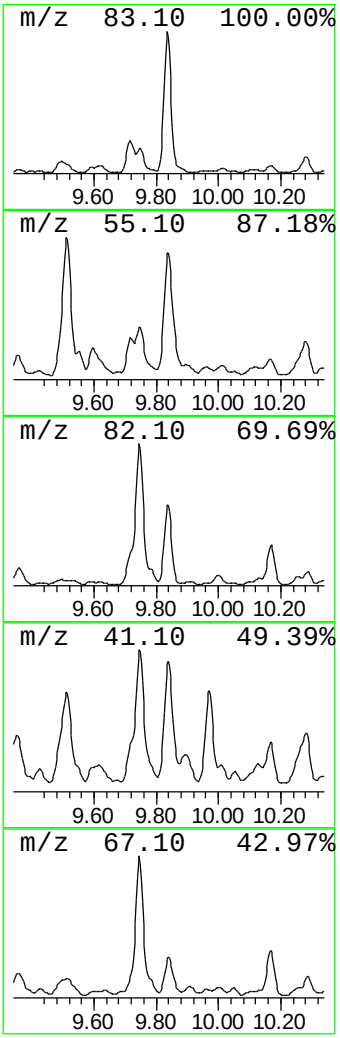
****

Peak Number 40 (Z)-Non-3-enyl (E)-2-methyl... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	5.30 ug/L	3338050	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-Non-3-enyl (E)-2-methylbut-2...	224	C14H24O2	1000373-73-1	72
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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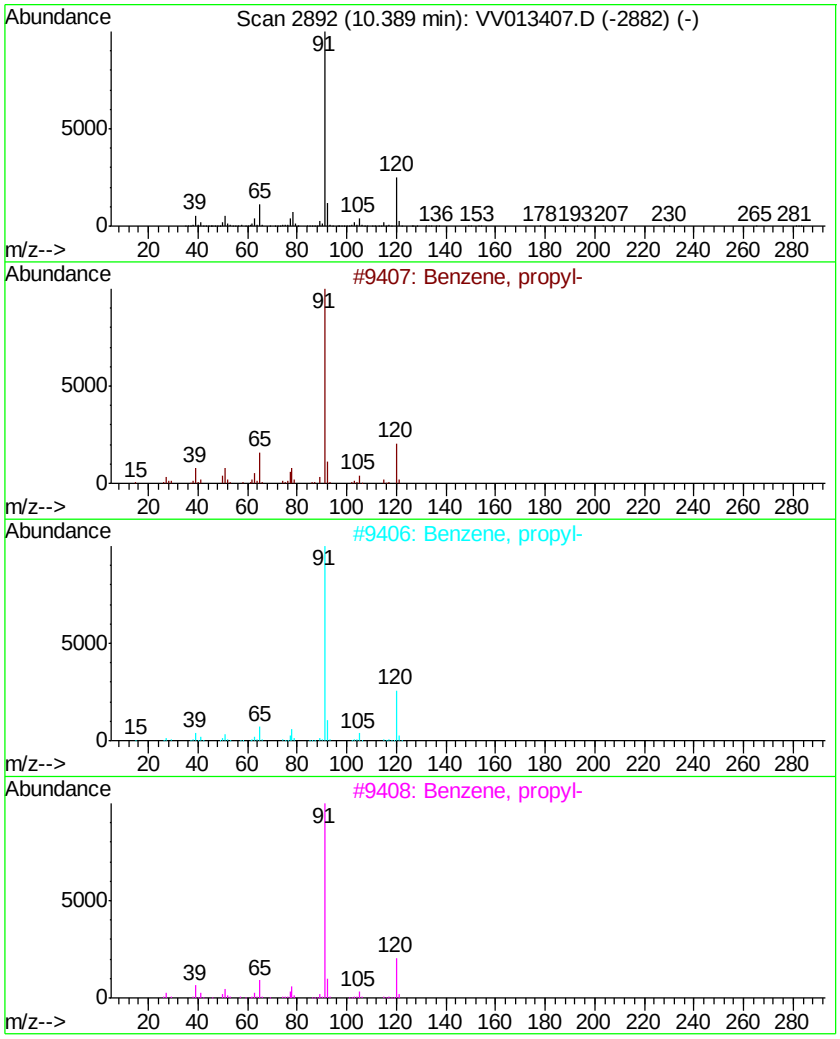
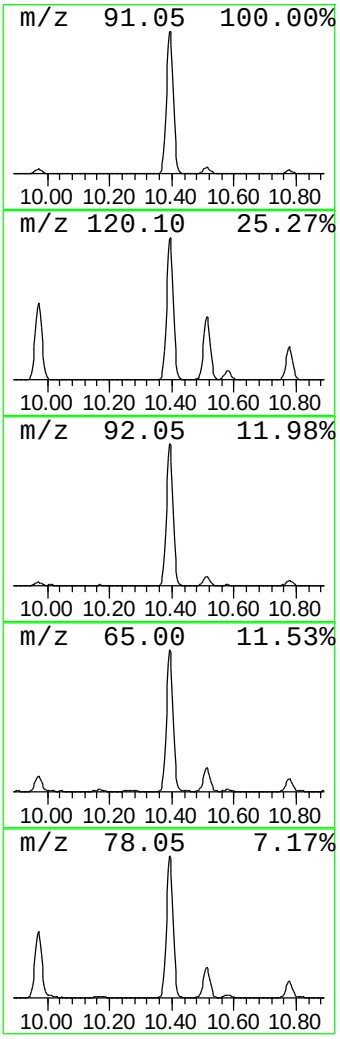
Peak Number 41 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	28.97 ug/L	25843500	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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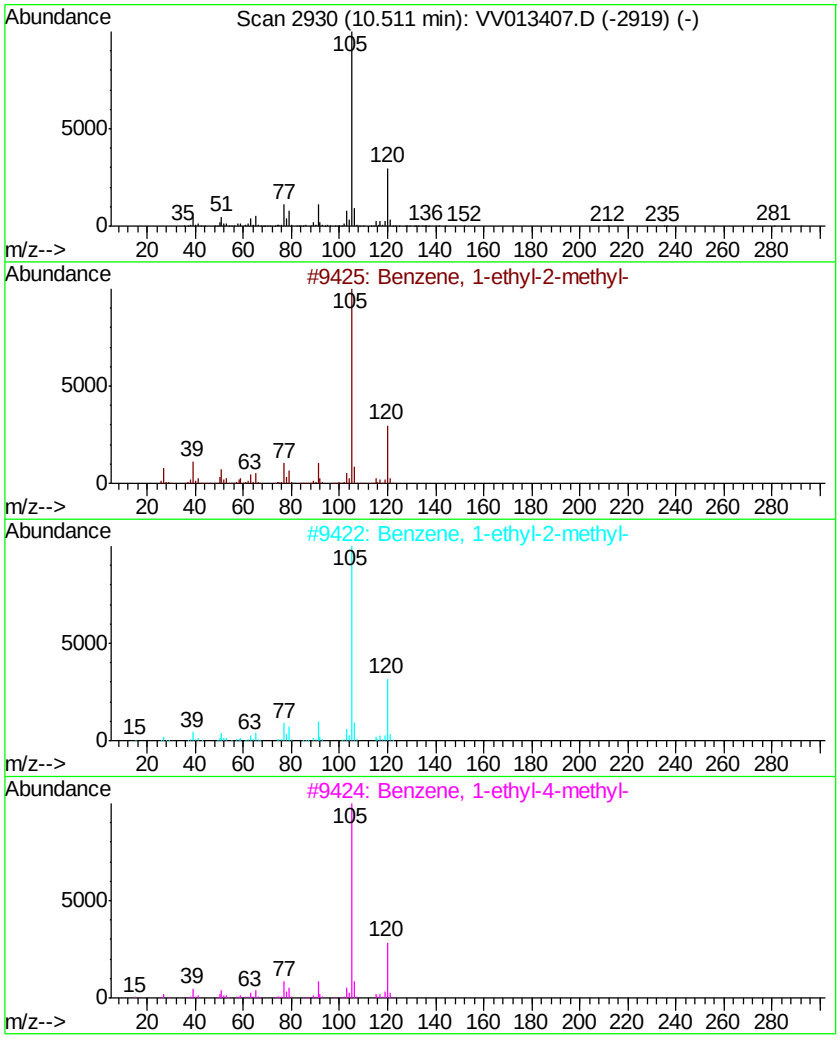
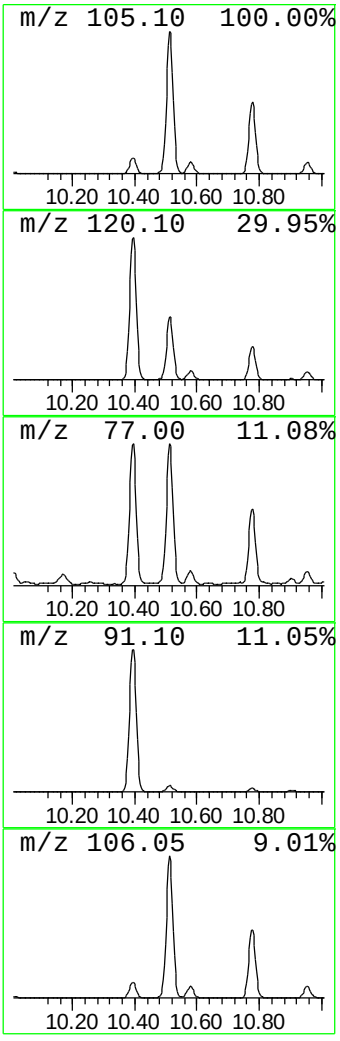
Peak Number 42 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	13.41 ug/L	11957800	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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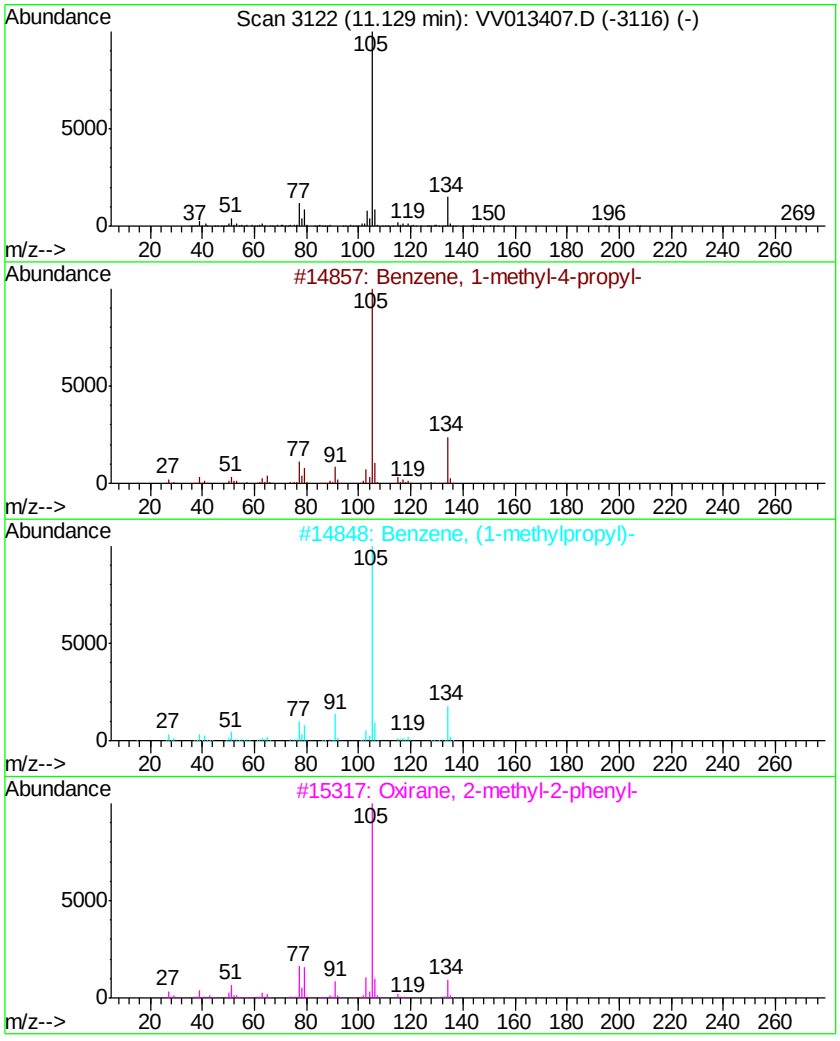
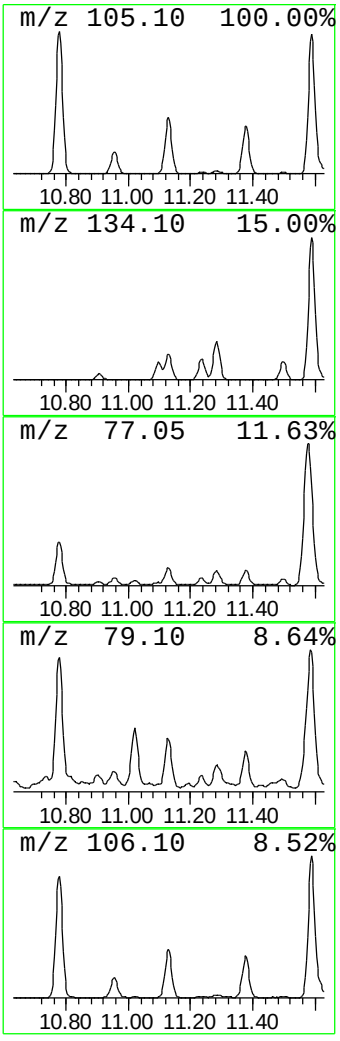
Peak Number 44 Benzene, 1-methyl-4-propyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.38 ug/L	2126260	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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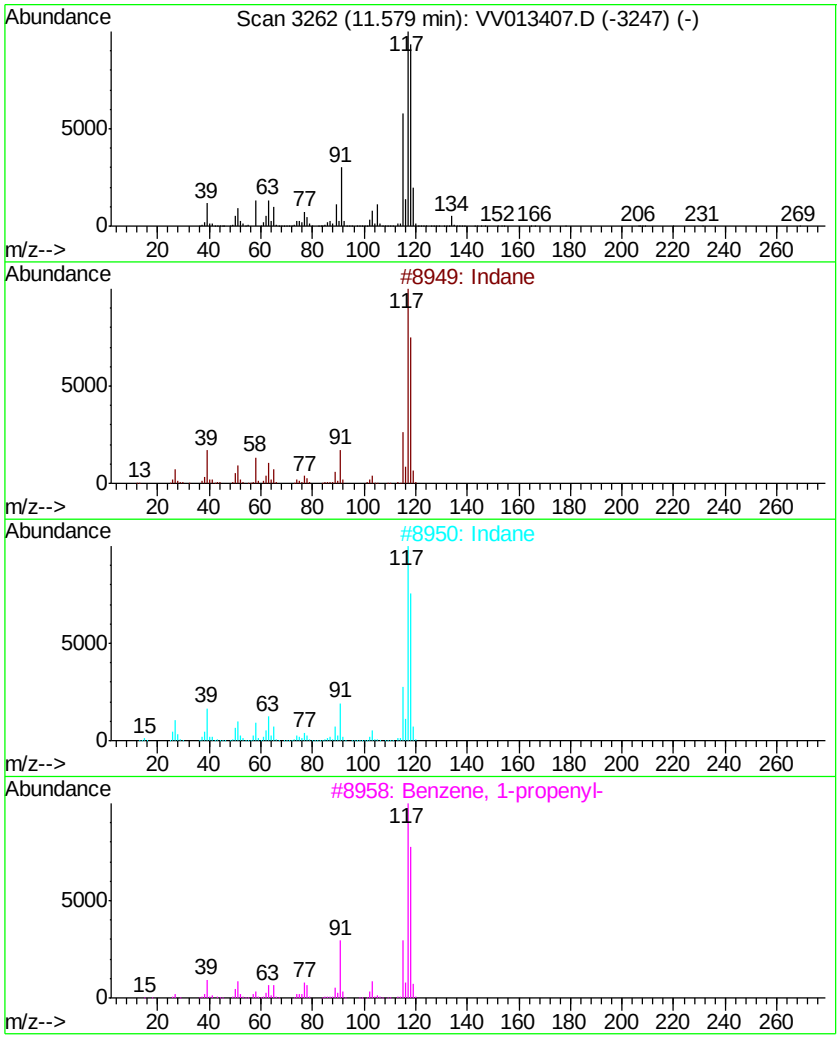
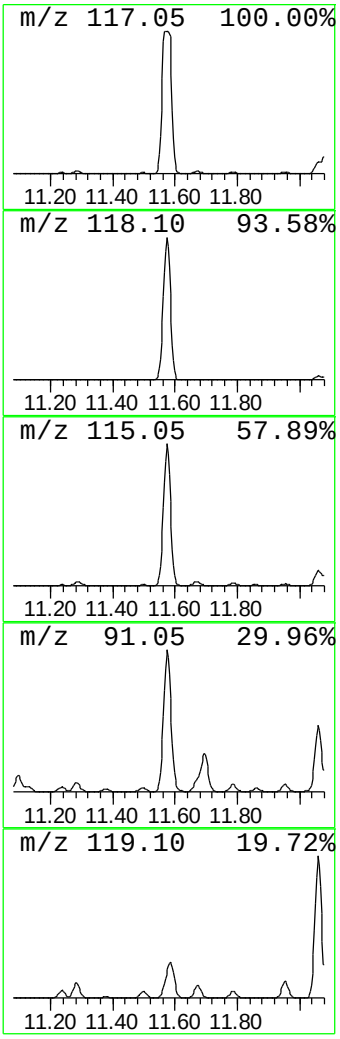
Peak Number 45 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	89.23 ug/L	79590600	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





Library Search Compound Report

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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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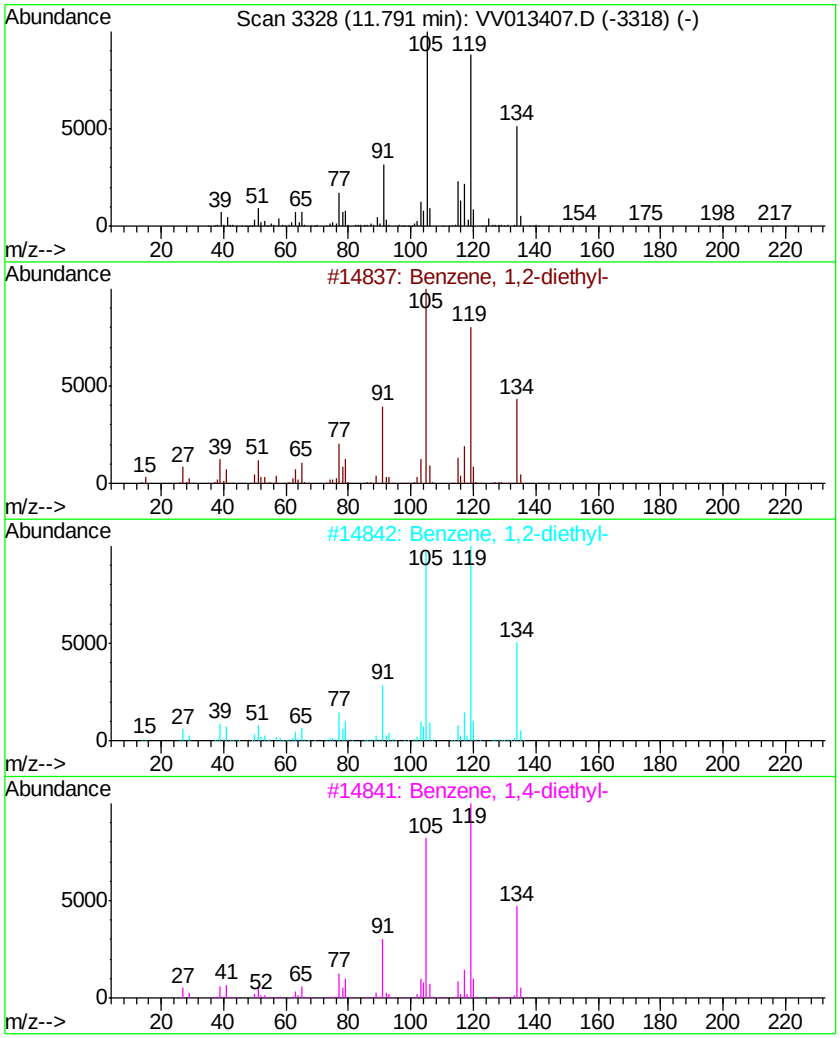
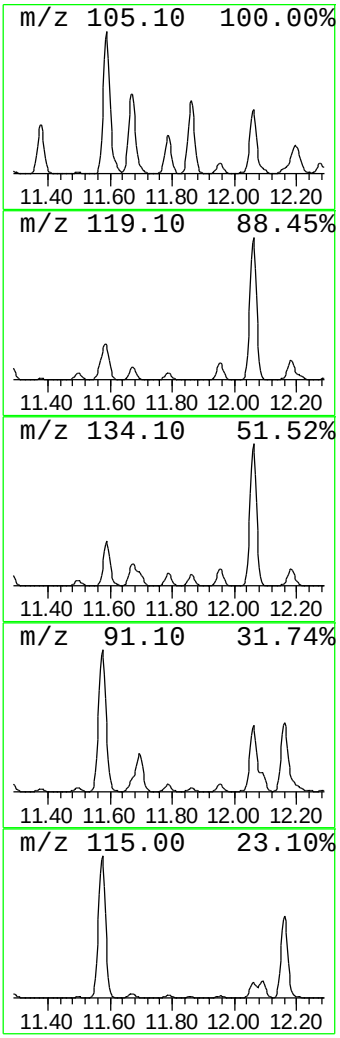
Peak Number 46 Benzene, 1,2-diethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.53 ug/L	3149590	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	74





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Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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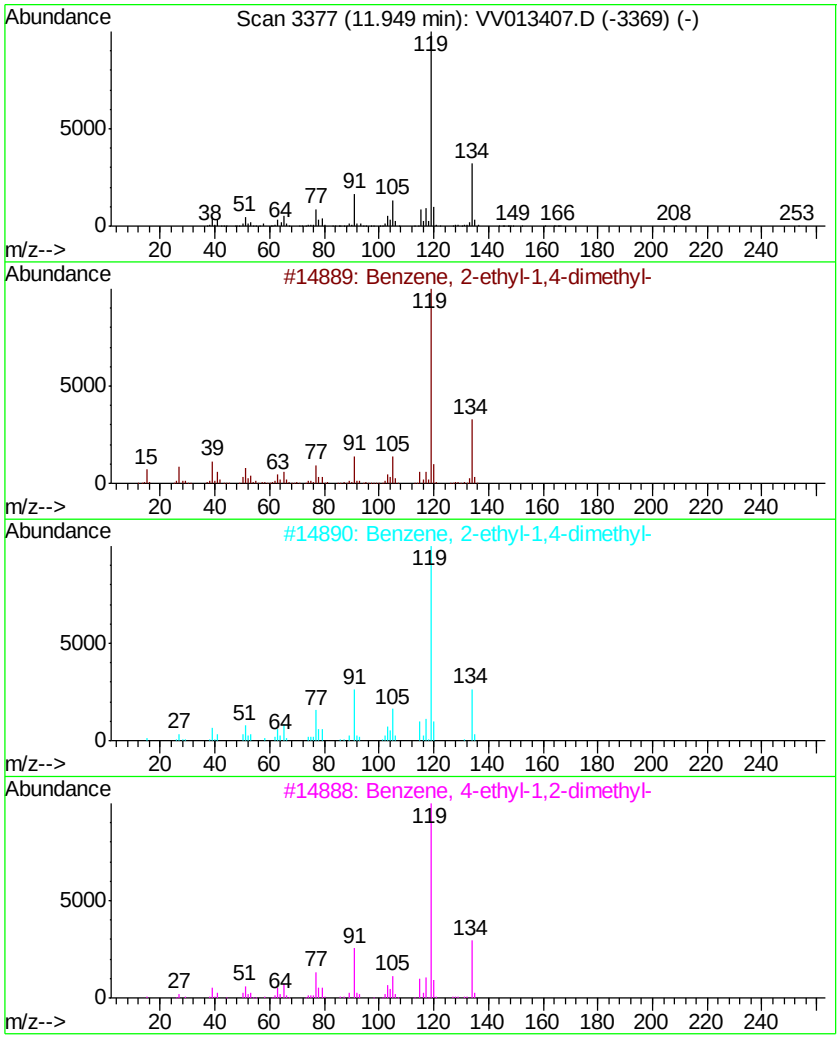
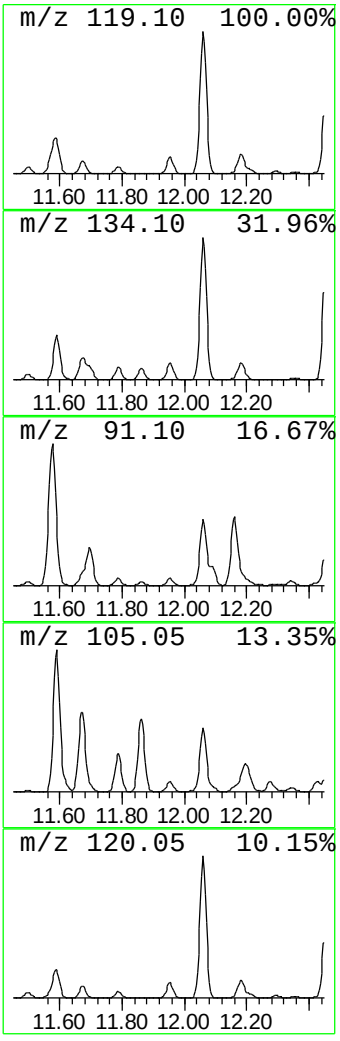
Peak Number 48 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.04 ug/L	3604740	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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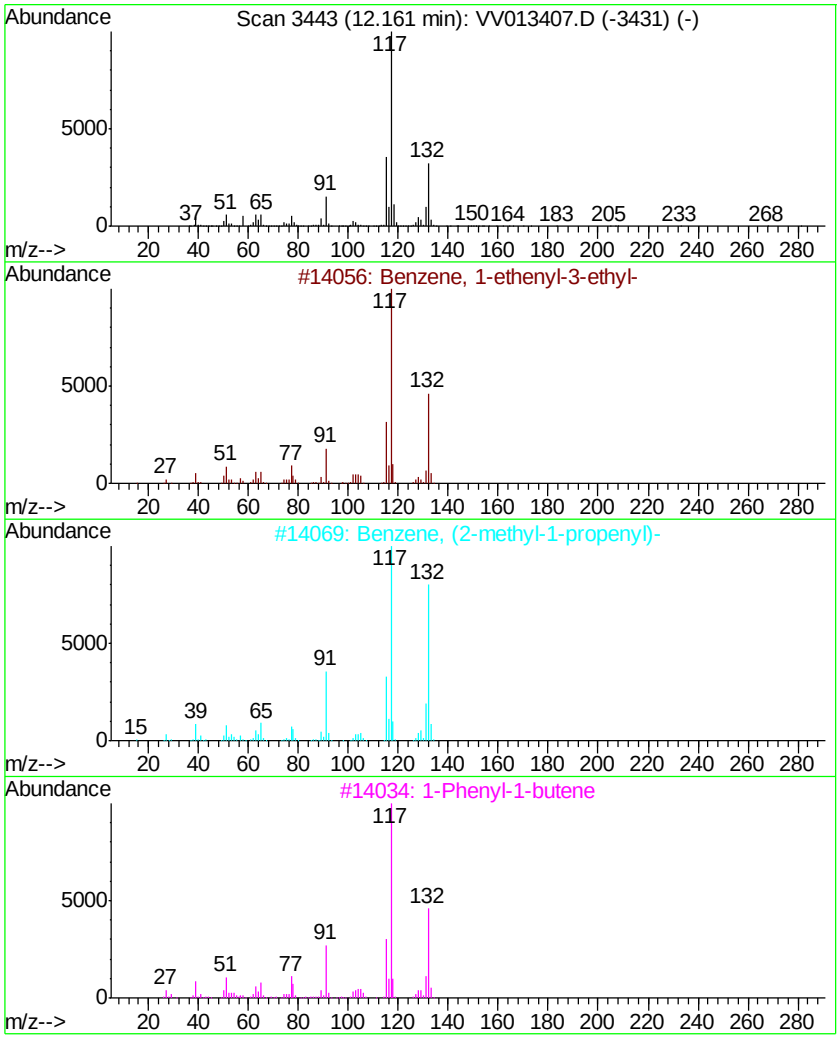
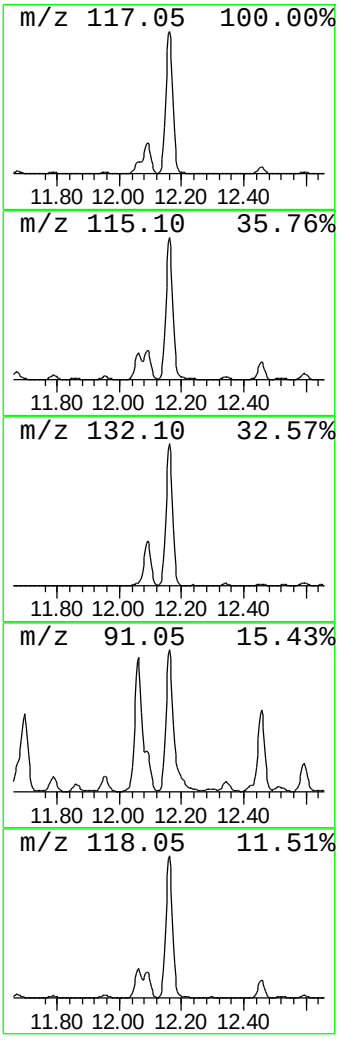
Peak Number 50 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	50.12 ug/L	44709500	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	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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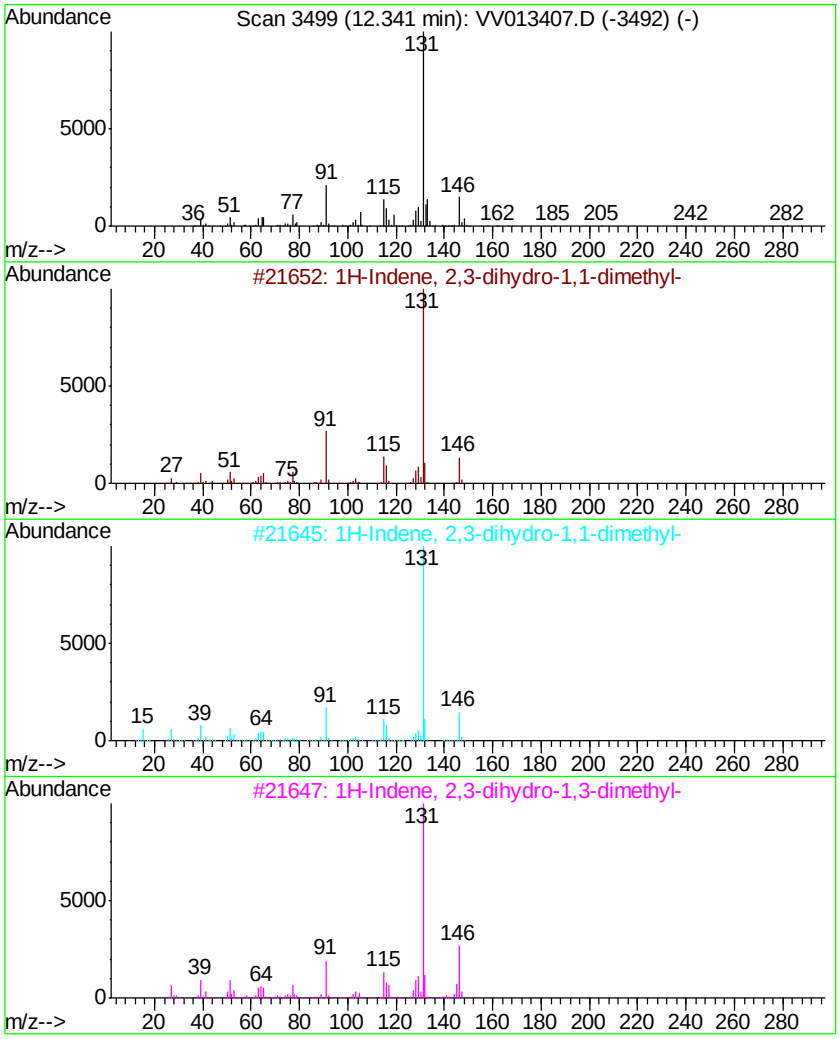
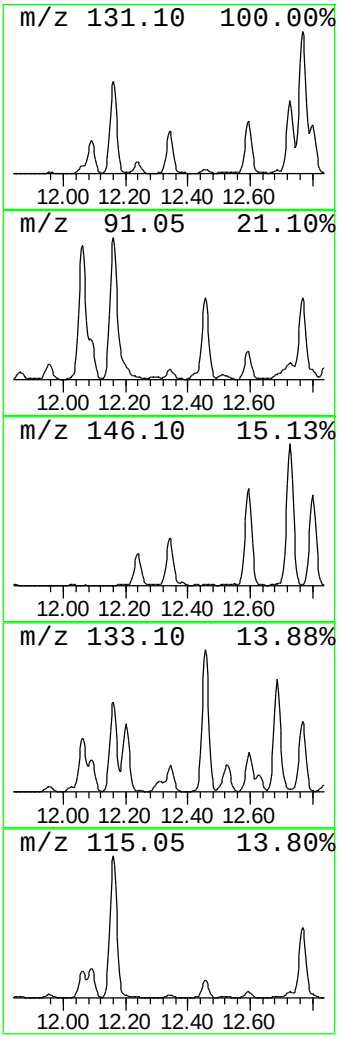
Peak Number 51 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.32 ug/L	2070470	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	74
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	68
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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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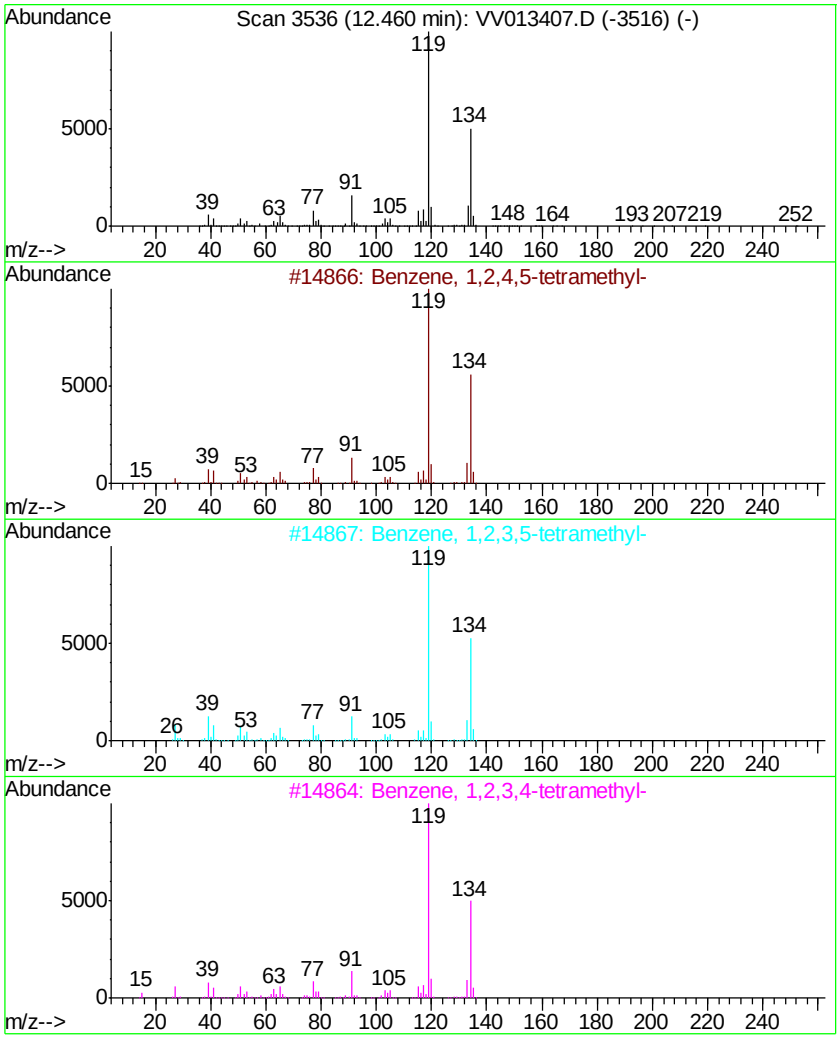
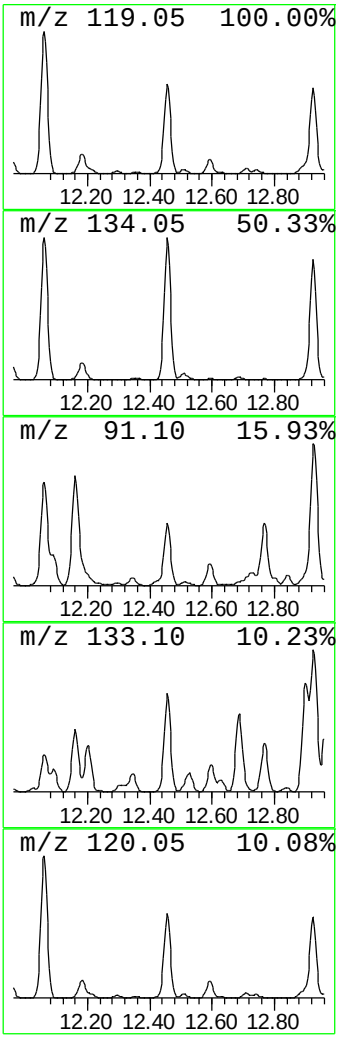
Peak Number 52 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	23.08 ug/L	20586500	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

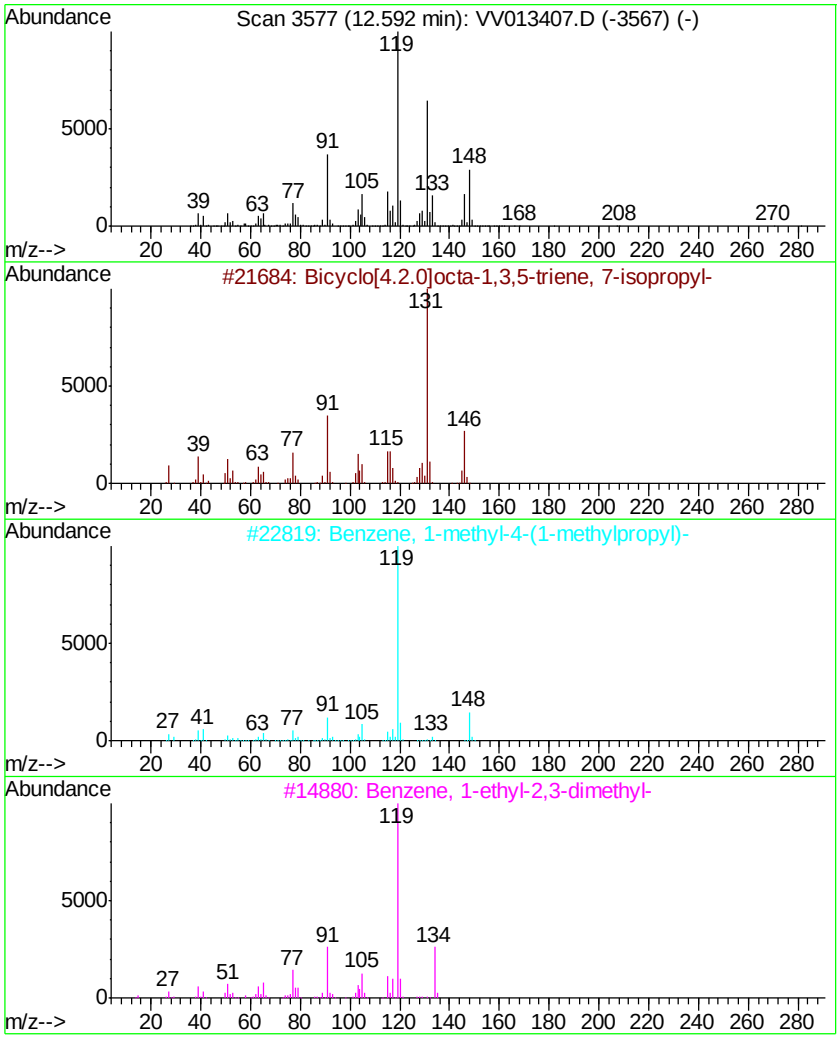
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

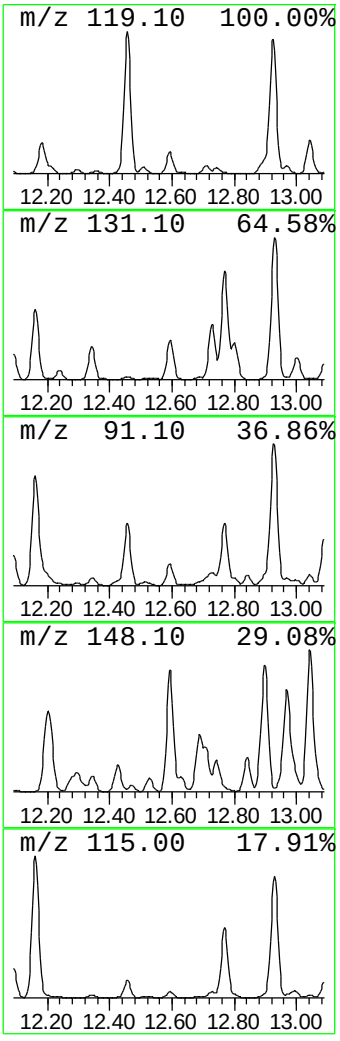
****

Peak Number 53 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	5.80 ug/L	5175950	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	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

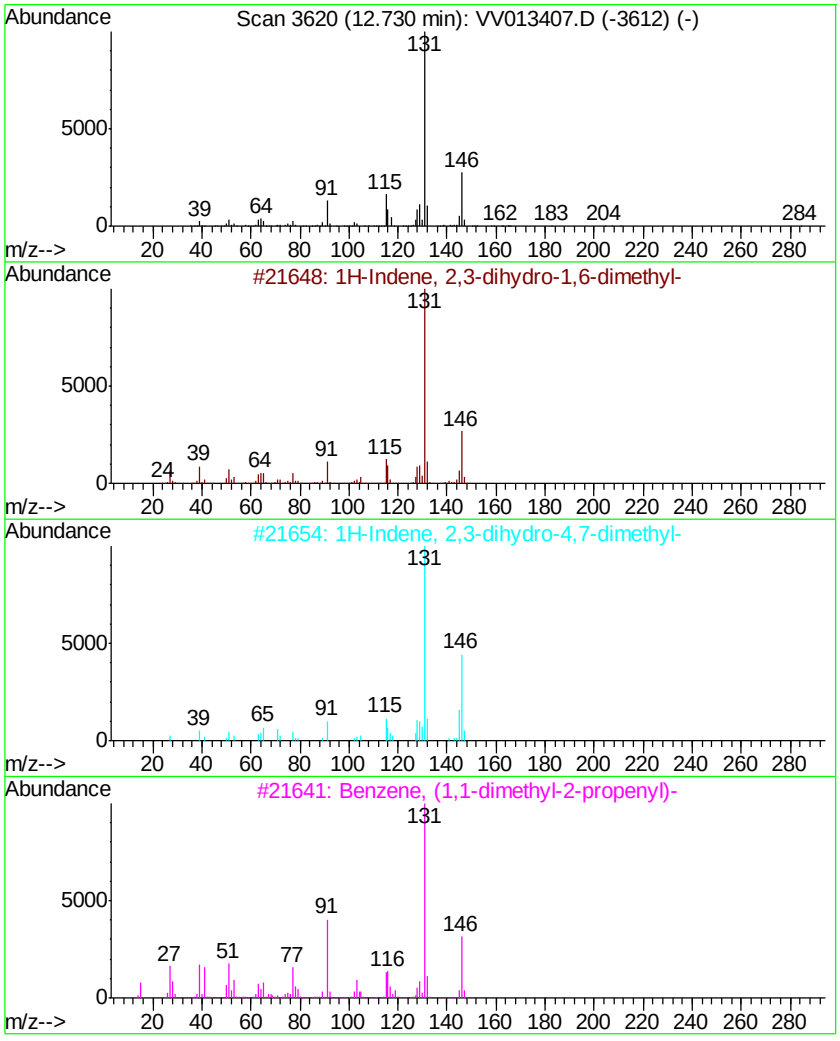
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0

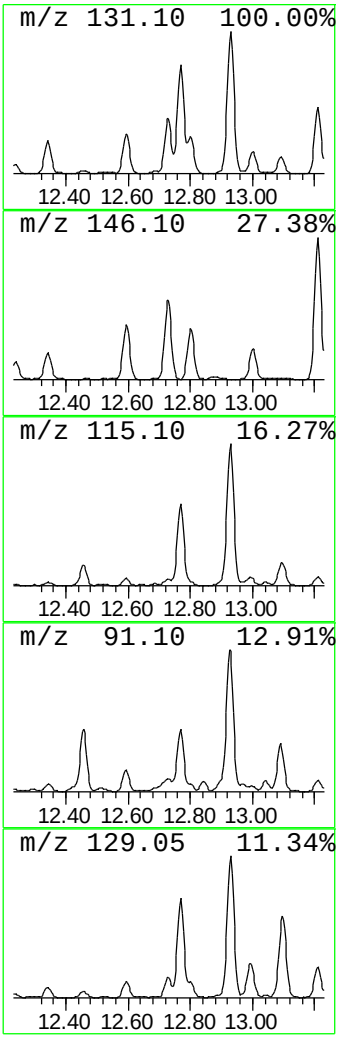
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.66 ug/L	3268890	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

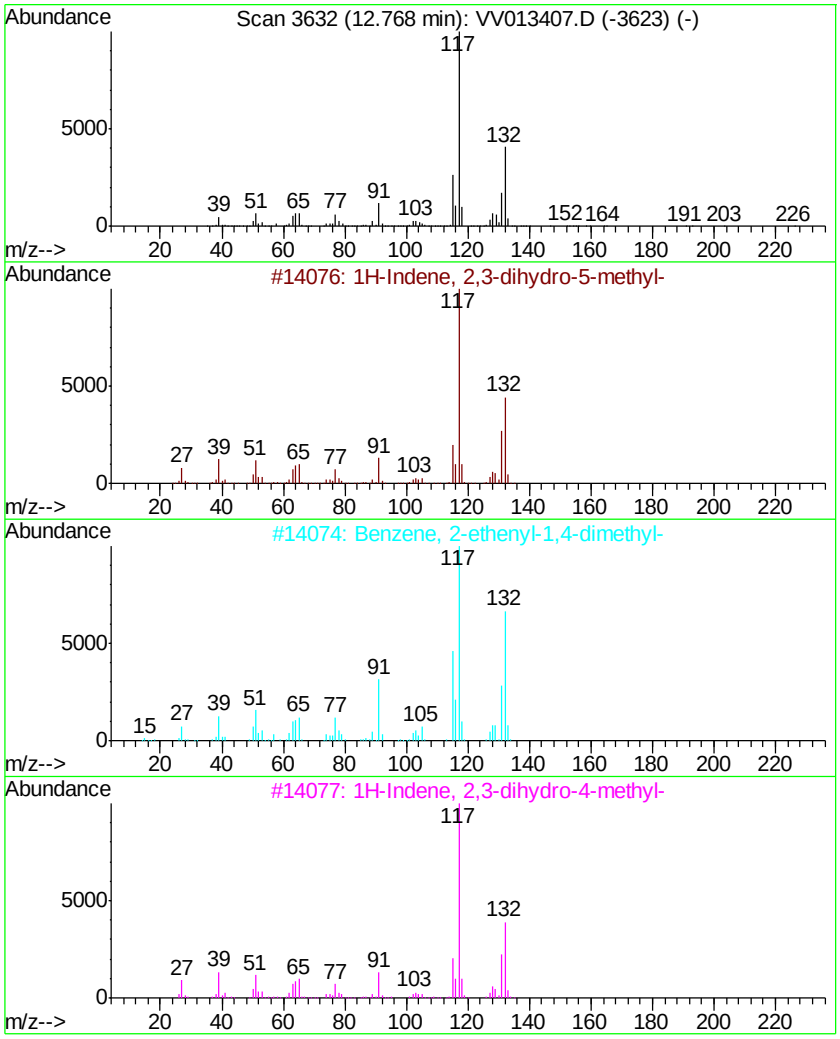
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

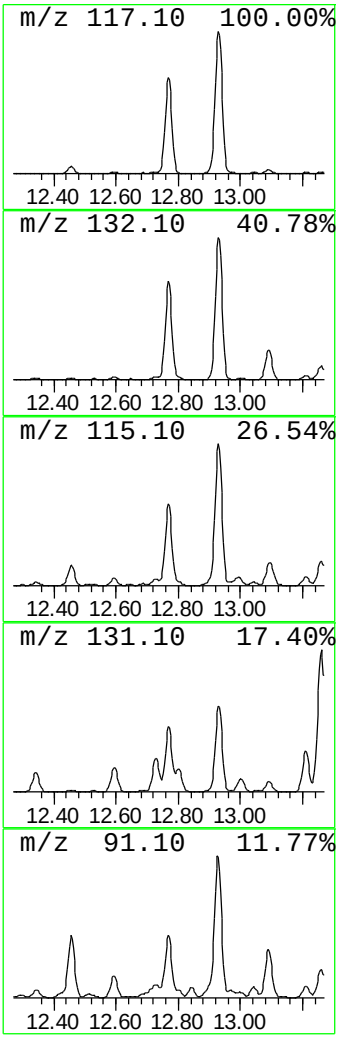
****

Peak Number 55 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	31.63 ug/L	28215000	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

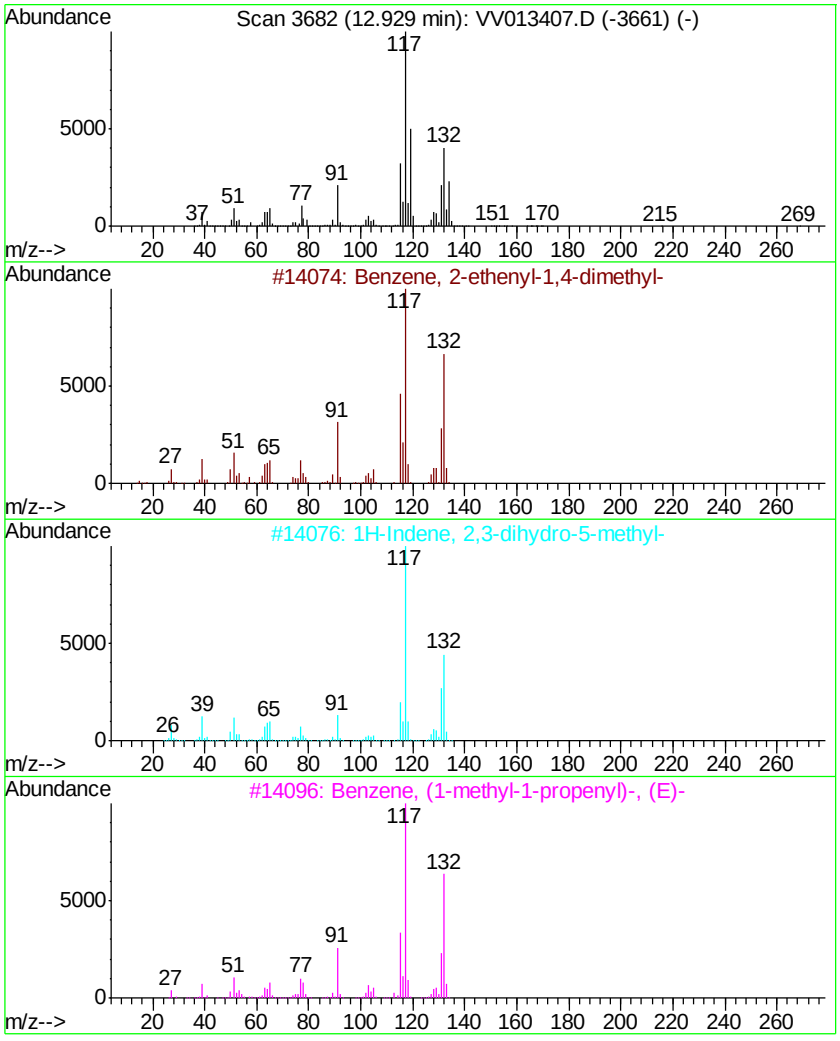
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

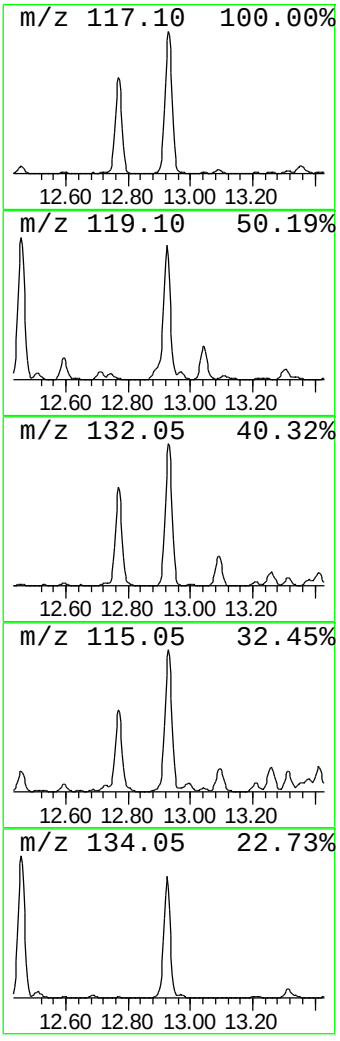
****

Peak Number 56 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	68.40 ug/L	61009400	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

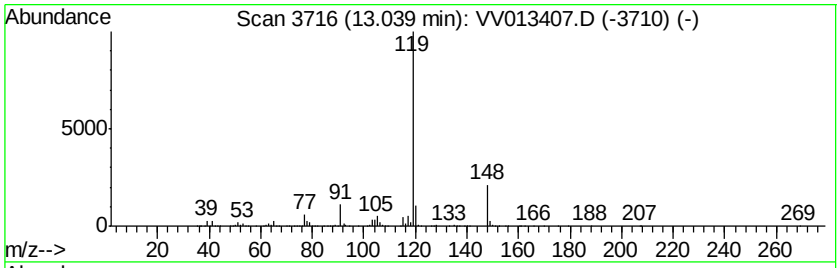
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

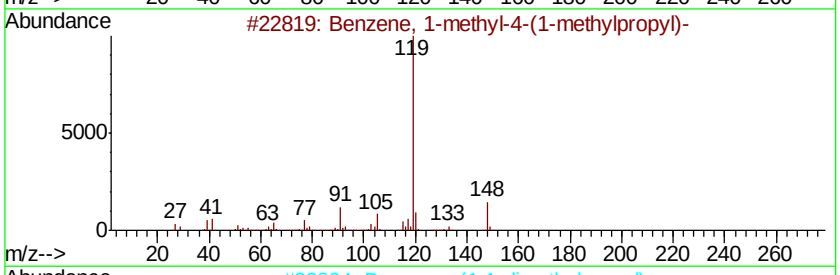
****

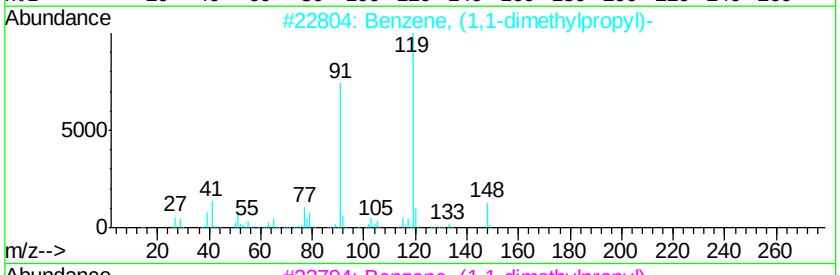
Peak Number 57 Benzene, 1-methyl-4-(1-meth... Concentration Rank 58

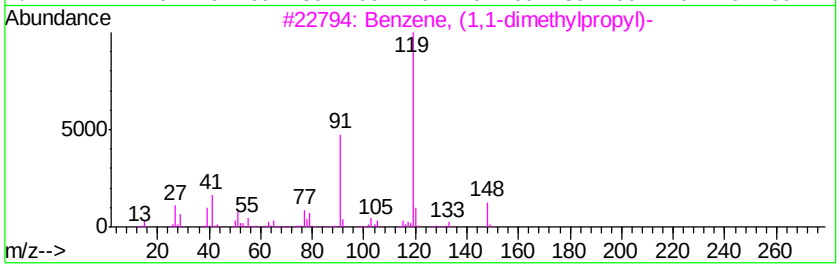
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.30 ug/L	2940690	1,4-Dichlorobenzene-d4	11.29

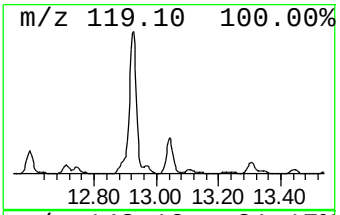
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72

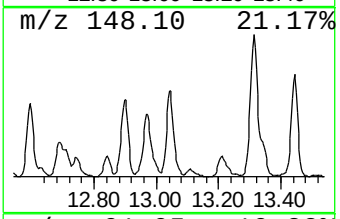


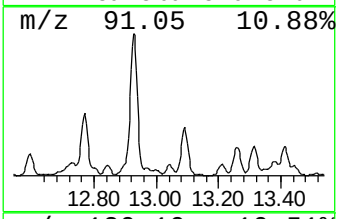


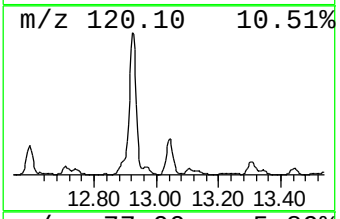


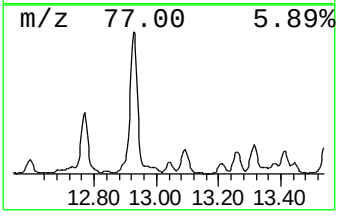












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

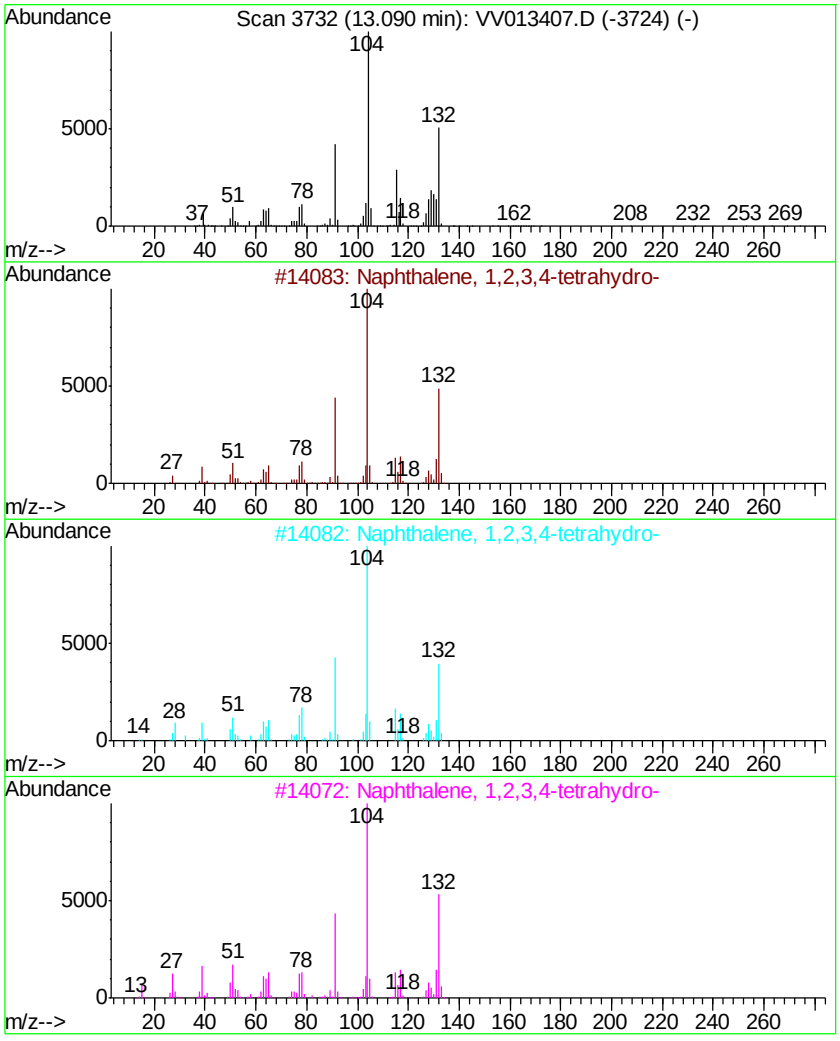
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

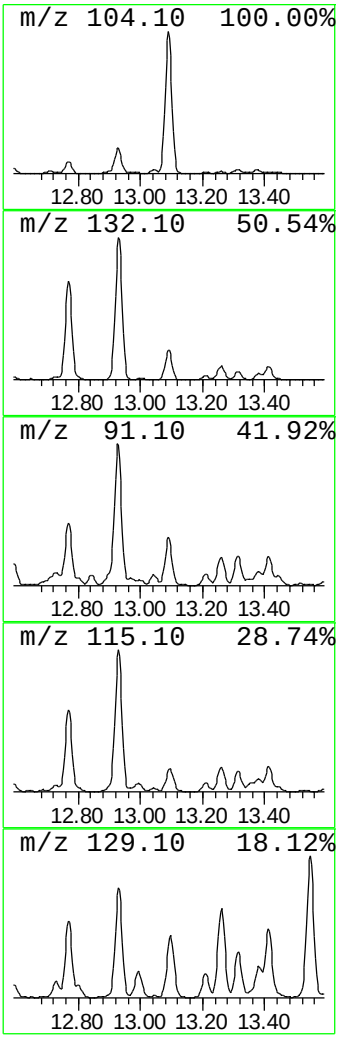
****

Peak Number 58 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	12.01 ug/L	10710600	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	86
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

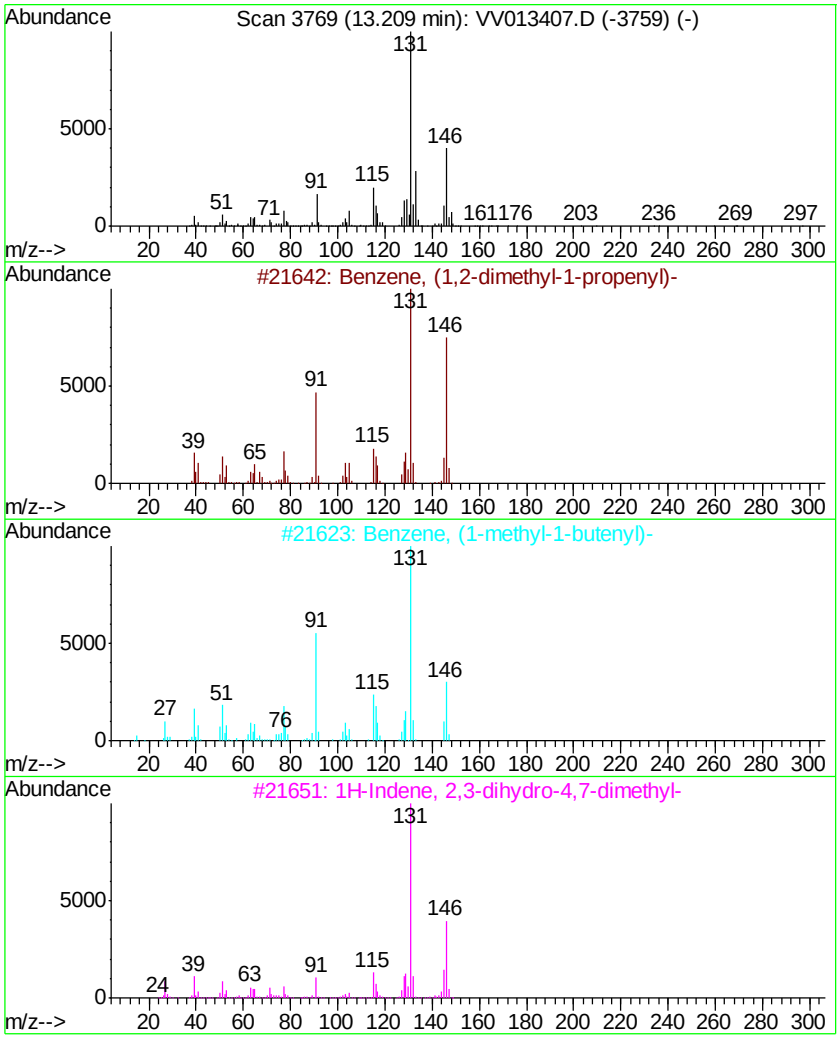
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

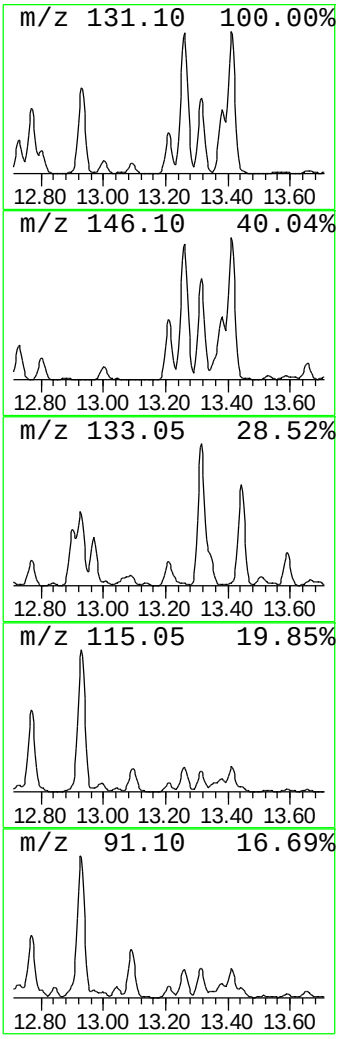
****

Peak Number 59 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	5.23 ug/L	4665180	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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

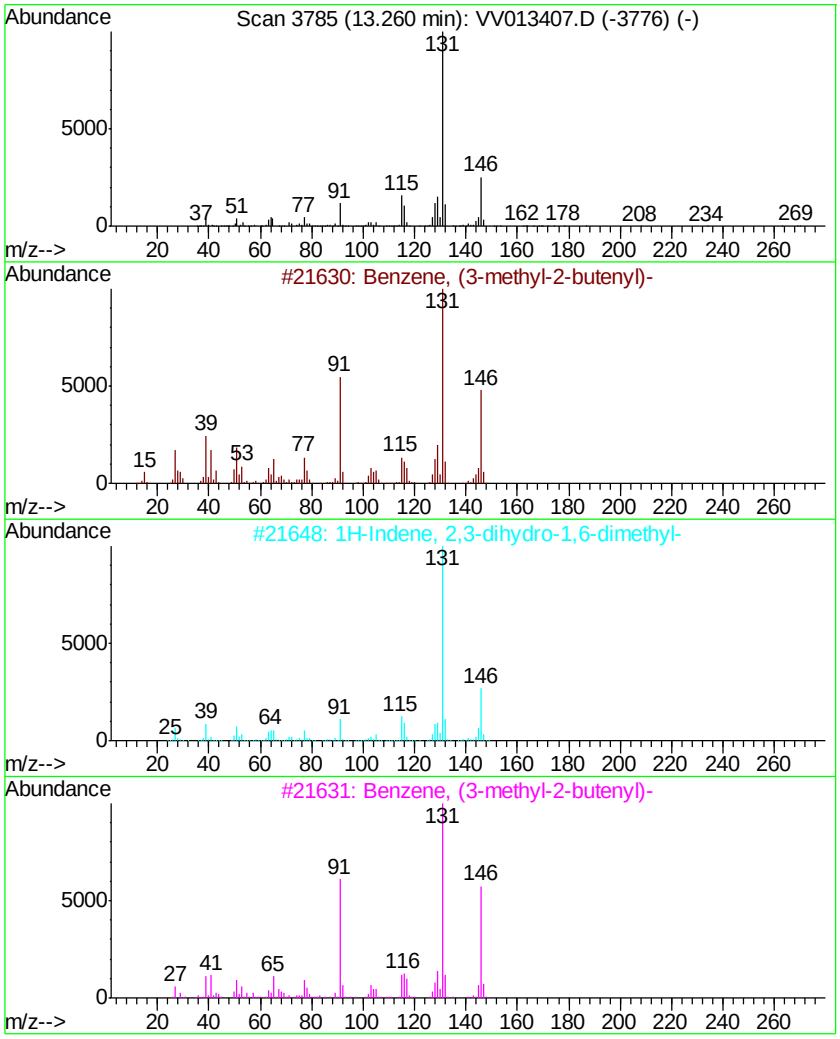
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

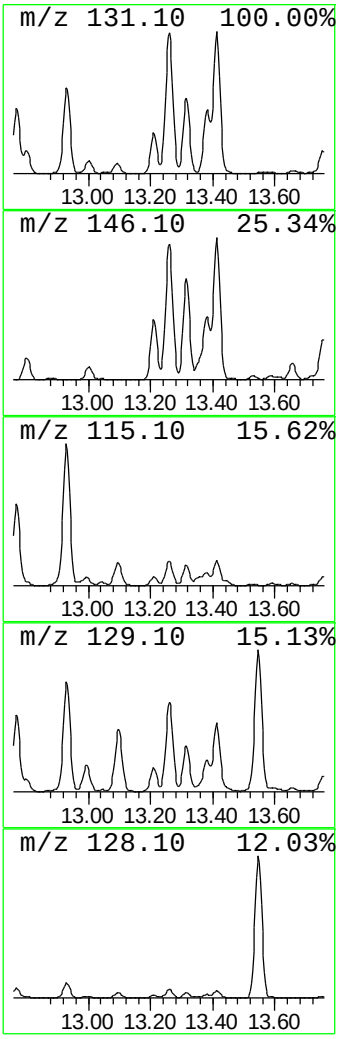
****

Peak Number 60 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	11.97 ug/L	10678600	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	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6

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	2.2	ug/L	3411480	1	5.66	7698820	5.0
(DEL) Alkane: Str...	1.65	21.0	ug/L	32398000	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	1.83	4.5	ug/L	6980640	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	2.05	12.8	ug/L	19758800	1	5.66	7698820	5.0
Cyclopentene	2.51	11.1	ug/L	17018500	1	5.66	7698820	5.0
(DEL) Alkane: Str...	2.56	11.6	ug/L	17889500	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	2.60	17.8	ug/L	27328000	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	3.31	4.2	ug/L	6486780	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	3.41	2.6	ug/L	4033790	1	5.66	7698820	5.0
Cyclopentene, 3-m...	3.47	1.4	ug/L	2206740	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	3.62	3.9	ug/L	6055940	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	3.81	38.3	ug/L	58918500	1	5.66	7698820	5.0
(DEL) Alkane: Str...	4.81	4.0	ug/L	6134480	1	5.66	7698820	5.0
(DEL) Alkane: Str...	4.96	5.5	ug/L	8412880	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	5.23	6.2	ug/L	9532320	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	5.37	15.6	ug/L	23946000	1	5.66	7698820	5.0
Cyclopentene, 1,5...	5.98	2.8	ug/L	4332800	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	6.41	5.7	ug/L	8806000	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	6.51	2.7	ug/L	4216280	1	5.66	7698820	5.0
Cyclohexene, 3-me...	6.60	2.0	ug/L	3096110	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	6.68	5.0	ug/L	7710320	1	5.66	7698820	5.0
Cyclobutane, (1-m...	6.85	5.8	ug/L	8866460	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	7.03	1.3	ug/L	2065970	1	5.66	7698820	5.0
Cyclohexene, 1-me...	7.21	6.5	ug/L	9958110	1	5.66	7698820	5.0
(DEL) Alkane: Cyc...	7.31	21.9	ug/L	13789700	2	8.89	3149450	5.0
(DEL) Alkane: Cyc...	7.49	5.8	ug/L	3687480	2	8.89	3149450	5.0
unknown-01	7.56	6.5	ug/L	4068430	2	8.89	3149450	5.0
(DEL) Alkane: Cyc...	7.83	10.3	ug/L	6485050	2	8.89	3149450	5.0
1,3-Dimethyl-1-cy...	7.88	7.1	ug/L	4500140	2	8.89	3149450	5.0
(DEL) Alkane: Cyc...	8.27	8.8	ug/L	5567650	2	8.89	3149450	5.0
(DEL) Alkane: Cyc...	8.33	13.8	ug/L	8718110	2	8.89	3149450	5.0
(DEL) Alkane: Str...	8.39	8.8	ug/L	5546260	2	8.89	3149450	5.0
Cyclohexene, 1,6-...	8.55	5.2	ug/L	3288480	2	8.89	3149450	5.0
(DEL) Alkane: Cyc...	8.63	4.1	ug/L	2566910	2	8.89	3149450	5.0
Pentalene, octahy...	8.97	5.0	ug/L	3149450	2	8.89	3149450	5.0
unknown-02	9.35	3.5	ug/L	2229750	2	8.89	3149450	5.0
(DEL) Alkane: Cyc...	9.51	6.7	ug/L	4224550	2	8.89	3149450	5.0
Propylidencyclohe...	9.75	9.2	ug/L	5811240	2	8.89	3149450	5.0
(Z)-Non-3-enyl (E...	9.84	5.3	ug/L	3338050	2	8.89	3149450	5.0
Benzene, propyl-	10.39	29.0	ug/L	25843500	3	11.29	4459940	5.0
Benzene, 1-ethyl-...	10.51	13.4	ug/L	11957800	3	11.29	4459940	5.0
Benzene, 1-methyl...	11.13	2.4	ug/L	2126260	3	11.29	4459940	5.0
Indane	11.58	89.2	ug/L	79590600	3	11.29	4459940	5.0
Benzene, 1,2-diet...	11.79	3.5	ug/L	3149590	3	11.29	4459940	5.0
Benzene, 2-ethyl-...	11.95	4.0	ug/L	3604740	3	11.29	4459940	5.0
Benzene, 1-etheny...	12.16	50.1	ug/L	44709500	3	11.29	4459940	5.0
1H-Indene, 2,3-di...	12.34	2.3	ug/L	2070470	3	11.29	4459940	5.0
Benzene, 1,2,4,5-...	12.46	23.1	ug/L	20586500	3	11.29	4459940	5.0
Bicyclo[4.2.0]oct...	12.59	5.8	ug/L	5175950	3	11.29	4459940	5.0

1H-Indene, 2,3-di...	12.73	3.7	ug/L	3268890	3	11.29	4459940	5.0
1H-Indene, 2,3-di...	12.77	31.6	ug/L	28215000	3	11.29	4459940	5.0
Benzene, 2-etheny...	12.93	68.4	ug/L	61009400	3	11.29	4459940	5.0
Benzene, 1-methyl...	13.04	3.3	ug/L	2940690	3	11.29	4459940	5.0
Naphthalene, 1,2,...	13.09	12.0	ug/L	10710600	3	11.29	4459940	5.0
Benzene, (1,2-dim...	13.21	5.2	ug/L	4665180	3	11.29	4459940	5.0
Benzene, (3-methy...	13.26	12.0	ug/L	10678600	3	11.29	4459940	5.0

Instrument :
MSVOA_V
ClientSampleId :
GAQD6