LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_W\METHOD\SOM2WLM071320S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	86	rVB	119431	219283	6.00%	0.705%
2	2.892	155	162	175	rBV	91451	221297	6.06%	0.711%
3	4.013	335	346	358	rVV	127932	352759	9.66%	1.134%
4	4.123	358	364	378	rVB	10472	28967	0.79%	0.093%
5	4.916	483	494	510	rVV3	22287	77210	2.11%	0.248%
6	5.781	629	636	650	rVB5	3646	12331	0.34%	0.040%
7	5.940	653	662	673	rVV5	4439	13450	0.37%	0.043%
8	6.879	806	816	824	rBV7	3481	12944	0.35%	0.042%
9	7.086	842	850	856	rBV	21084	56139	1.54%	0.180%
10	7.653	931	943	957	rBV	187361	461413	12.63%	1.483%
11	7.958	978	993	999	rBV4	11643	38841	1.06%	0.125%
12	8.031	999	1005	1017	rVV2	21370	55939	1.53%	0.180%
13	8.159	1018	1026	1031	rVV2	14390	34352	0.94%	0.110%
14	8.281	1031	1046	1062	rVV2	371115	1137083	31.13%	3.654%
15	8.439	1062	1072	1077	rVV3	51269	128587	3.52%	0.413%
16	8.506	1077	1083	1089	rVV2	45055	104028	2.85%	0.334%
17	8.580	1089	1095	1108	rVV	39334	92049	2.52%	0.296%
18	8.848	1128	1139	1150	rBV	399720	806358	22.08%	2.591%
19	9.281	1200	1210	1215	rBV	262582	646800	17.71%	2.079%
20	9.336	1216	1219	1225	rVB2	189658	333668	9.14%	1.072%
21	9.518	1244	1249	1254	rVB2	17440	31086	0.85%	0.100%
22	9.610	1254	1264	1274	rVB	125723	272496	7.46%	0.876%
23	9.756	1278	1288	1298	rVB2	161268	327393	8.96%	1.052%
24	9.896	1306	1311	1315	rBV	19378	36363	1.00%	0.117%
25	9.945	1315	1319	1324	rVB2	20262	35751	0.98%	0.115%
26	10.037	1328	1334	1338	rBV	126825	219976	6.02%	0.707%
27	10.085	1338	1342	1347	rVB2	57119	100915	2.76%	0.324%
28	10.244	1357	1368	1373	rBV3	27200	71117	1.95%	0.229%
29	10.323	1373	1381	1396	rBV	777170	1538268	42.12%	4.943%
30	10.445	1396	1401	1404	rBV	33711	59072	1.62%	0.190%
31	10.494	1404	1409	1418	rVB2	155854	358238	9.81%	1.151%
32	10.585	1418	1424	1428	rBV2	92695	179998	4.93%	0.578%
33	10.665	1432	1437	1446	rVB	440879	795527	21.78%	2.557%
34	10.762	1446	1453	1459	rBV	168140	317888	8.70%	1.022%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_W\METHOD\SOM2WLM071320S.M
Title : VOC Analysis

35	10.847	1464	1467	1472	rVB2	19483	31152	0.85%	0.100%
36	10.927	1472	1480	1487	rBV	91043	174060	4.77%	0.559%
37	11.110	1506	1510	1511	rBV	18024	20338	0.56%	0.065%
38	11.146	1512	1516	1518	rVV	105282	167867	4.60%	0.539%
39	11.177	1519	1521	1525	rVV	136892	206463	5.65%	0.663%
40	11.232	1525	1530	1535	rVV	249531	438775	12.01%	1.410%
41	11.286	1535	1539	1543	rVV2	49980	83467	2.29%	0.268%
42	11.329	1543	1546	1552	rVB2	42910	69602	1.91%	0.224%
43	11.439	1558	1564	1573	rVB	93839	170055	4.66%	0.546%
44	11.561	1573	1584	1587	rBV6	14751	35876	0.98%	0.115%
45	11.634	1589	1596	1605	rVV	570271	951008	26.04%	3.056%
46	11.725	1605	1611	1615	rVV	126474	220615	6.04%	0.709%
47	11.768	1615	1618	1622	rVV2	49503	70446	1.93%	0.226%
48	11.817	1622	1626	1629	rVV4	15775	25139	0.69%	0.081%
49	11.878	1630	1636	1648	rVB4	131516	408890	11.19%	1.314%
50	11.975	1648	1652	1657	rVB3	12910	21890	0.60%	0.070%
51	12.042	1657	1663	1670	rVB	80646	144344	3.95%	0.464%
52	12.140	1671	1679	1684	rBV	107297	228902	6.27%	0.736%
53	12.201	1684	1689	1699	rVB2	102819	249627	6.83%	0.802%
54	12.305	1700	1706	1708	rBV	65689	115535	3.16%	0.371%
55	12.341	1708	1712	1717	rVV2	198929	328148	8.98%	1.055%
56	12.420	1717	1725	1728	rVV4	66215	132019	3.61%	0.424%
57	12.469	1728	1733	1740	rVB	153465	281741	7.71%	0.905%
58	12.561	1744	1748	1752	rVB	31934	45936	1.26%	0.148%
59	12.609	1752	1756	1763	rVB4	21624	39395	1.08%	0.127%
60	12.695	1763	1770	1777	rBV	263396	466808	12.78%	1.500%
61	12.798	1777	1787	1793	rVB2	106065	254794	6.98%	0.819%
62	12.945	1804	1811	1820	rVB6	81721	223348	6.11%	0.718%
63	13.048	1820	1828	1831	rBV2	32763	78694	2.15%	0.253%
64	13.085	1831	1834	1842	rVB5	48113	93559	2.56%	0.301%
65	13.207	1842	1854	1857	rBV2	109690	308699	8.45%	0.992%
66	13.256	1857	1862	1872	rVB	263203	418885	11.47%	1.346%
67	13.371	1875	1881	1888	rVB3	162493	403126	11.04%	1.295%
68	13.591	1906	1917	1922	rBV2	1865688	3652522	100.00%	11.738%
69	13.652	1922	1927	1933	rVB	197566	311120	8.52%	1.000%
70	13.719	1933	1938	1941	rBV	571185	855074	23.41%	2.748%
71	13.762	1941	1945	1949	rVB	774516	1078725	29.53%	3.467%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_W\METHOD\SOM2WLM071320S.M
Title : VOC Analysis

72	13.804	1949	1952	1955	rVB	103071	128859	3.53%	0.414%
73	13.859	1955	1961	1964	rBV	342396	630065	17.25%	2.025%
74	14.012	1979	1986	1990	rBV	127287	203234	5.56%	0.653%
75	14.060	1990	1994	1995	rVV2	35026	57092	1.56%	0.183%
76	14.097	1995	2000	2005	rVV	574807	883853	24.20%	2.840%
77	14.158	2005	2010	2013	rVV	299327	508934	13.93%	1.636%
78	14.207	2013	2018	2024	rVV2	698065	1271569	34.81%	4.086%
79	14.274	2024	2029	2034	rVV4	80744	170267	4.66%	0.547%
80	14.341	2034	2040	2045	rVV2	440202	751138	20.56%	2.414%
81	14.420	2045	2053	2057	rVV	613594	1060051	29.02%	3.407%
82	14.457	2057	2059	2064	rVV	287760	392112	10.74%	1.260%
83	14.499	2064	2066	2070	rVV	70136	97349	2.67%	0.313%
84	14.536	2070	2072	2074	rVV	23439	29938	0.82%	0.096%
85	14.572	2074	2078	2082	rVV	95856	142028	3.89%	0.456%
86	14.646	2083	2090	2093	rVV2	60958	112892	3.09%	0.363%
87	14.694	2093	2098	2102	rVV2	81115	148125	4.06%	0.476%
88	14.731	2102	2104	2109	rVV4	35528	57572	1.58%	0.185%
89	14.792	2109	2114	2122	rVV2	1021191	1930701	52.86%	6.205%
90	14.859	2122	2125	2131	rVB4	31471	59347	1.62%	0.191%
91	14.963	2138	2142	2144	rBV3	7384	11945	0.33%	0.038%
92	15.066	2154	2159	2162	rBV3	48344	89731	2.46%	0.288%
93	15.103	2162	2165	2171	rVV2	50911	102143	2.80%	0.328%
94	15.170	2172	2176	2183	rVB3	66474	150788	4.13%	0.485%
95	15.274	2189	2193	2196	rBV2	17735	25940	0.71%	0.083%
96	15.316	2196	2200	2205	rVB	32812	52369	1.43%	0.168%
97	15.438	2215	2220	2223	rBV2	13368	27324	0.75%	0.088%
98	15.737	2263	2269	2276	rBV7	6805	14652	0.40%	0.047%
99	16.444	2380	2385	2391	rVV2	5245	10865	0.30%	0.035%
100	16.645	2409	2418	2429	rBV3	5080	12635	0.35%	0.041%

Sum of corrected areas: 31117748

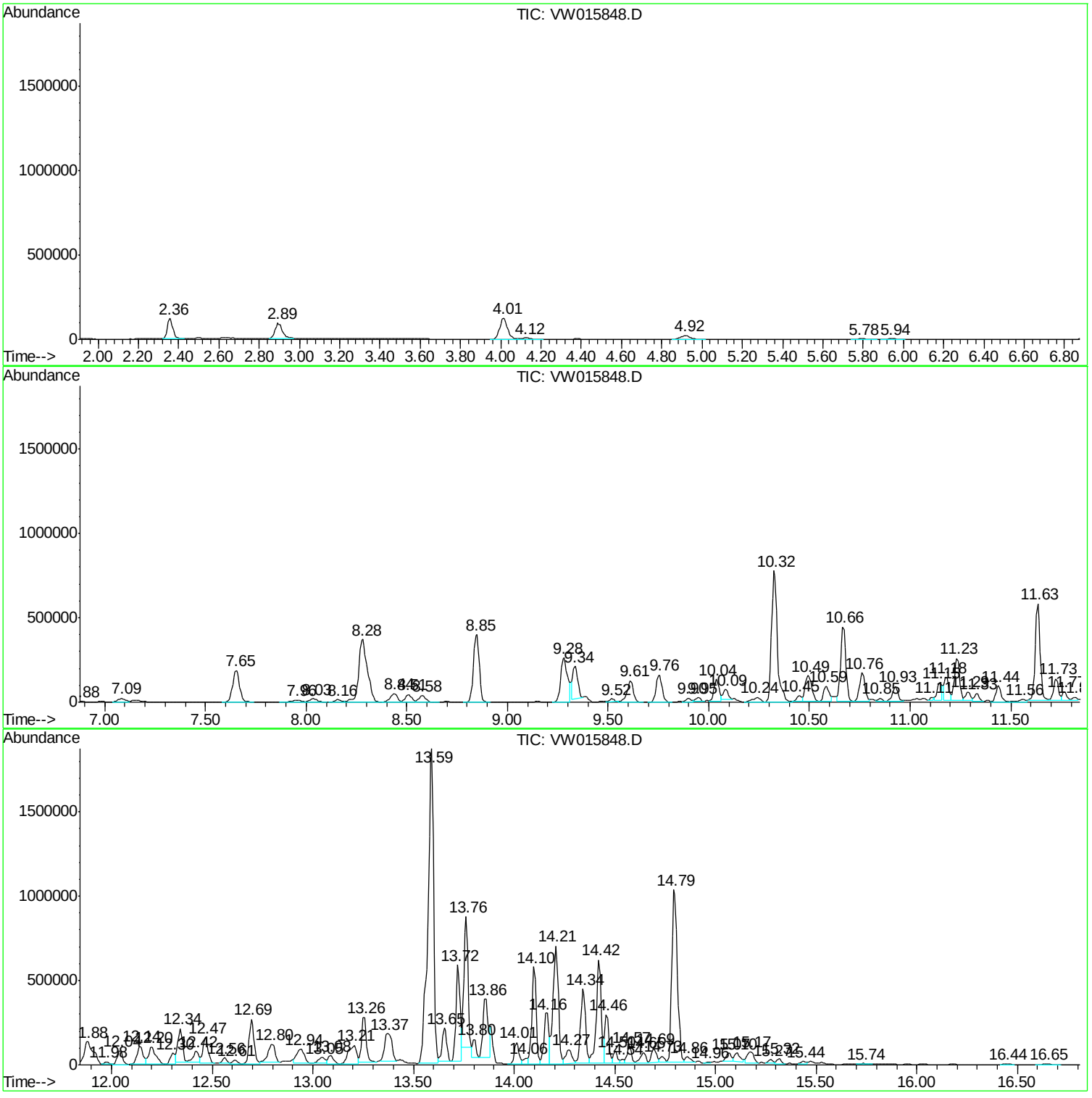
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

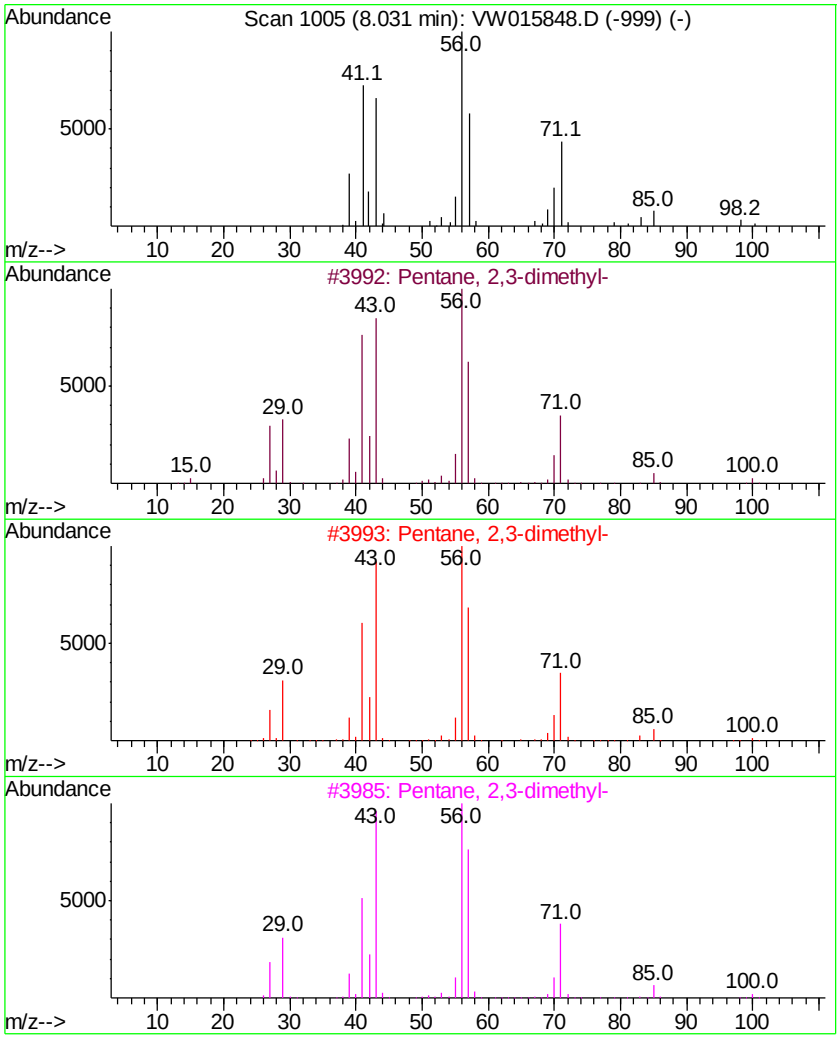
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

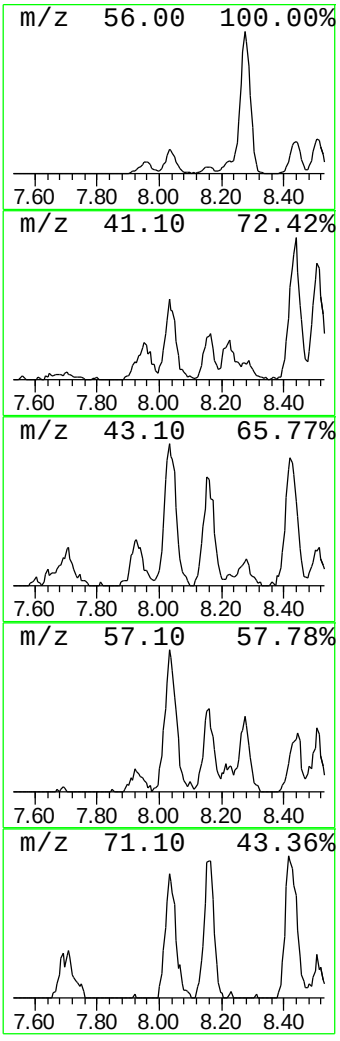
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	1.73 ug/L	55939	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

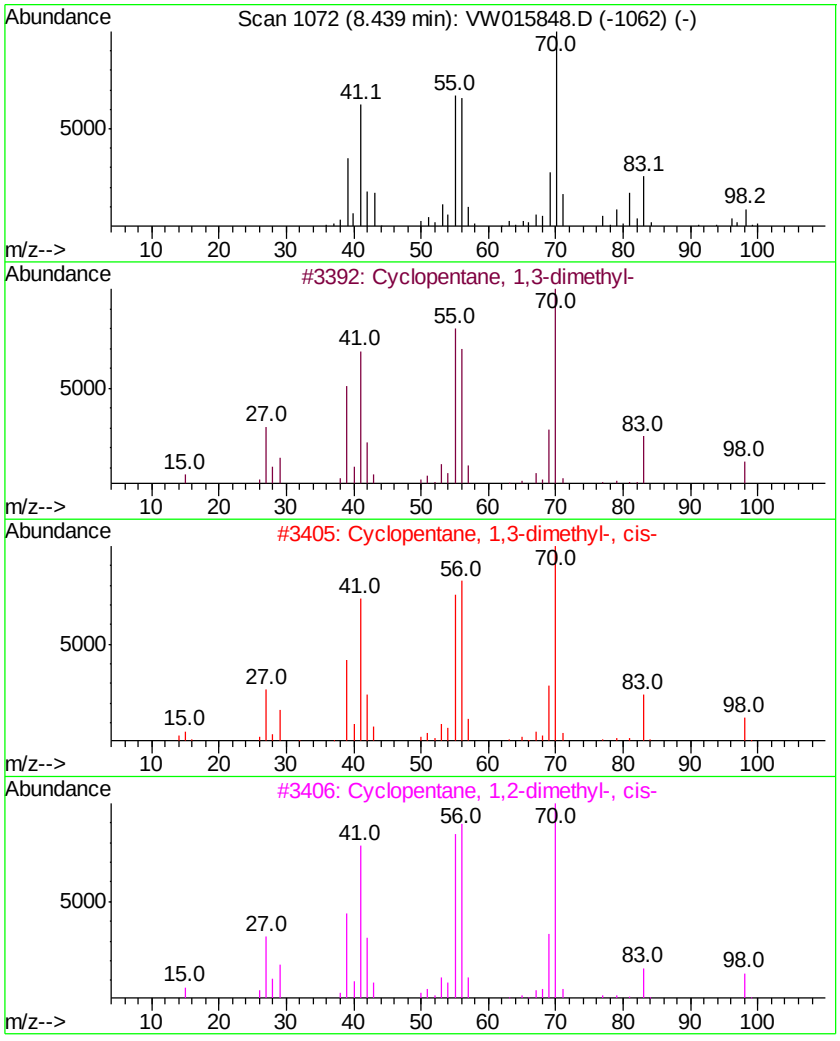
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

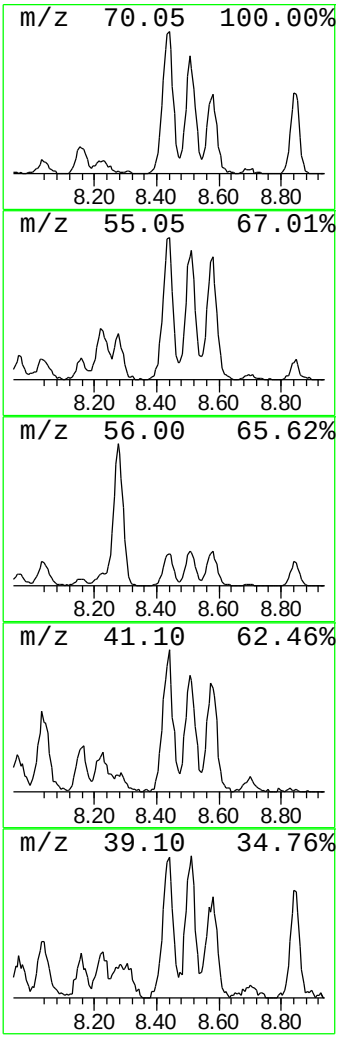
****

Peak Number 2 (DEL) Alkane: Cyclic8.44 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	3.99 ug/L	128587	1,4-Difluorobenzene	8.85

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	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53
5	Undecane, 3-methylene-	168	C12H24	071138-64-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

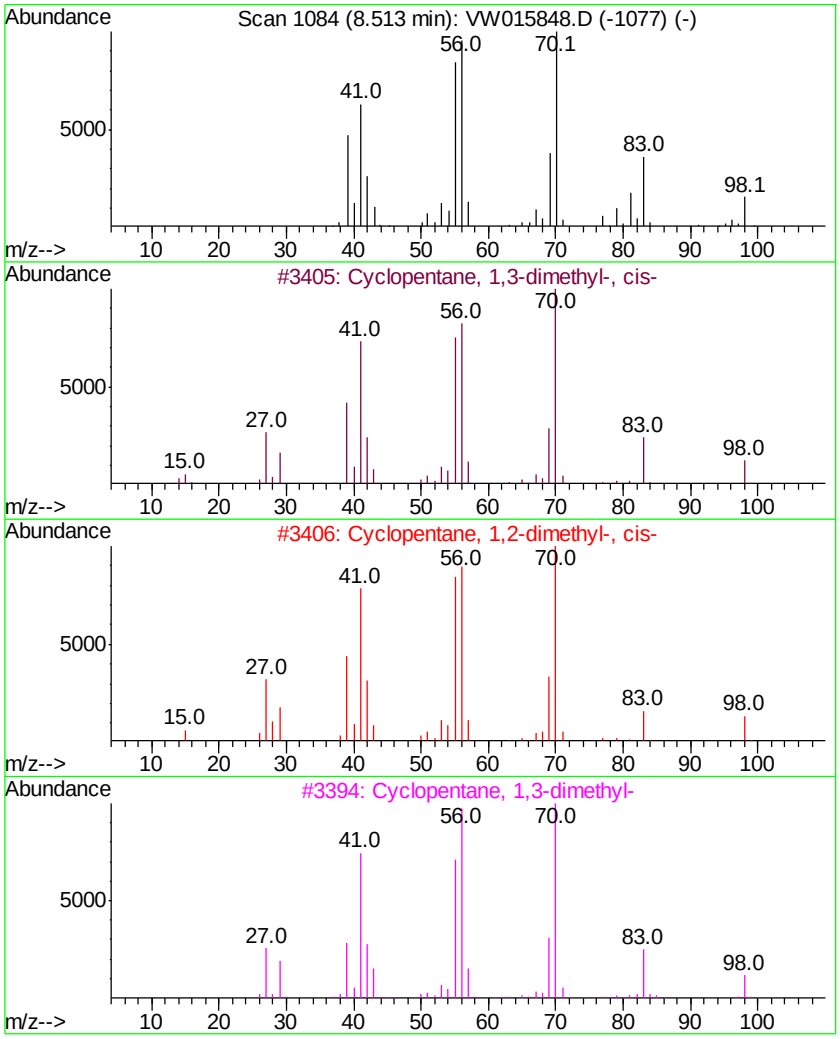
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

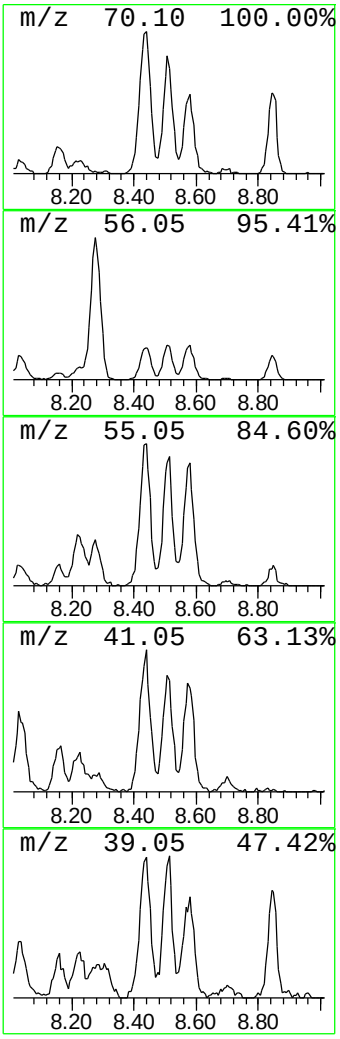
****

Peak Number 3 (DEL) Alkane: Cyclic8.51 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.23 ug/L	104028	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	96
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	95
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

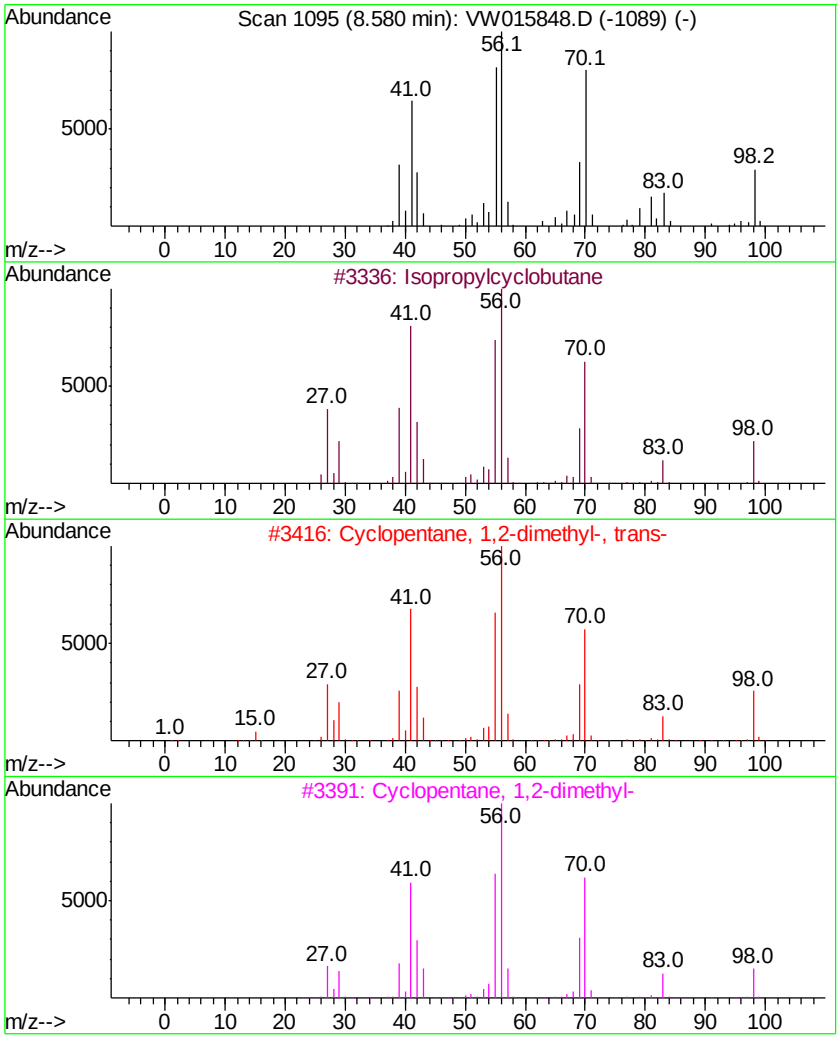
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

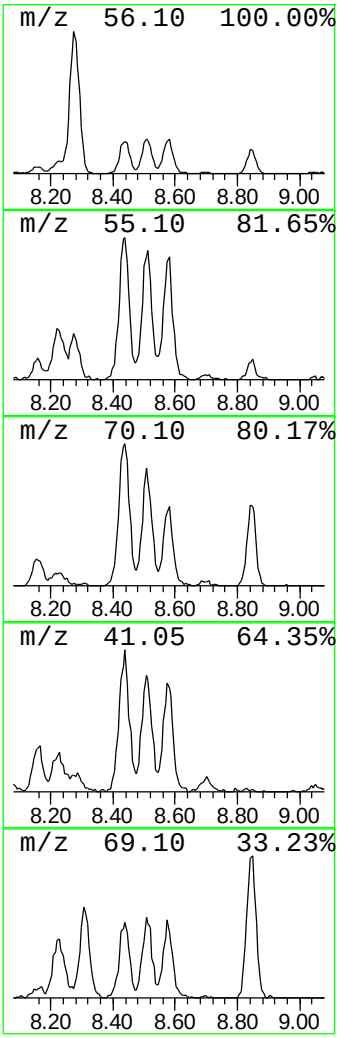
****

Peak Number 4 (DEL) Alkane: Cyclic8.58 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.85 ug/L	92049	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	91
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

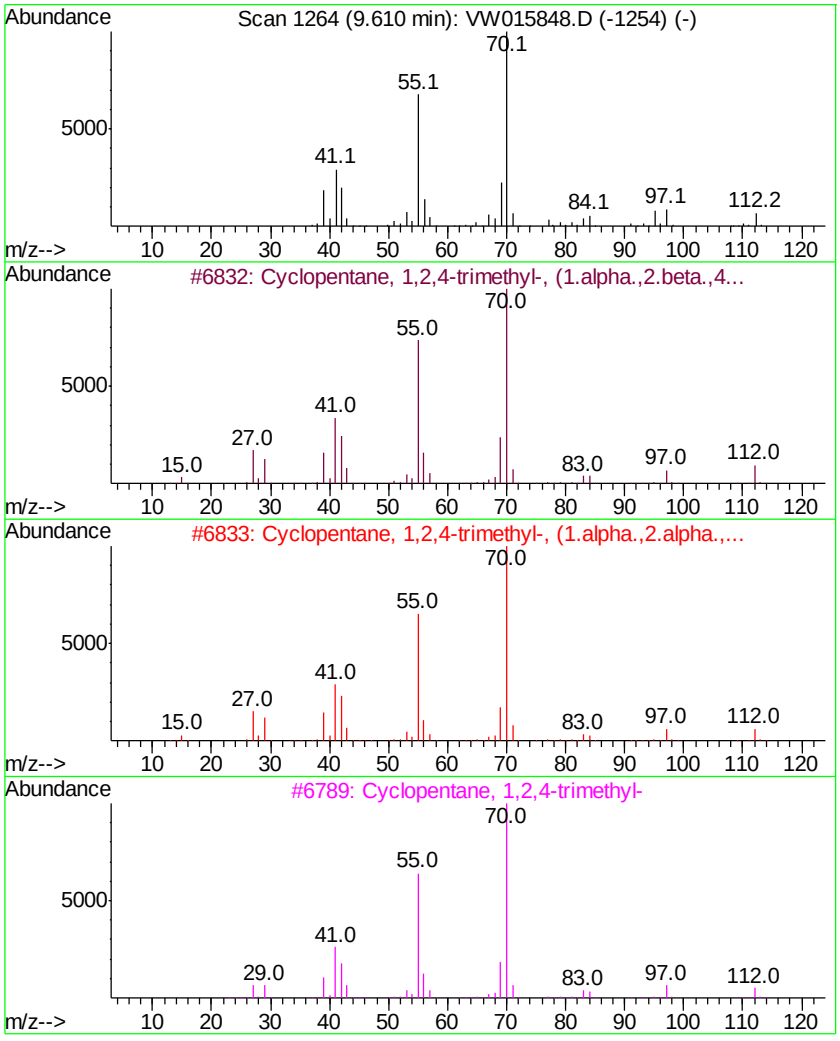
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

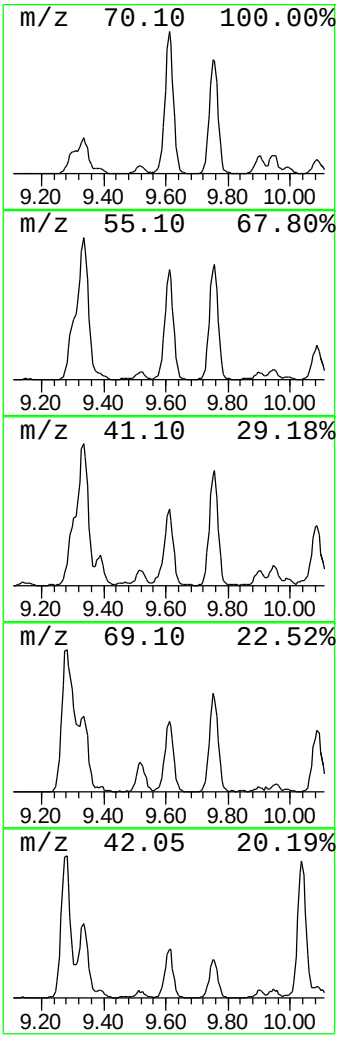
****

Peak Number 5 (DEL) Alkane: Cyclic9.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	8.45 ug/L	272496	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	93
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72





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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

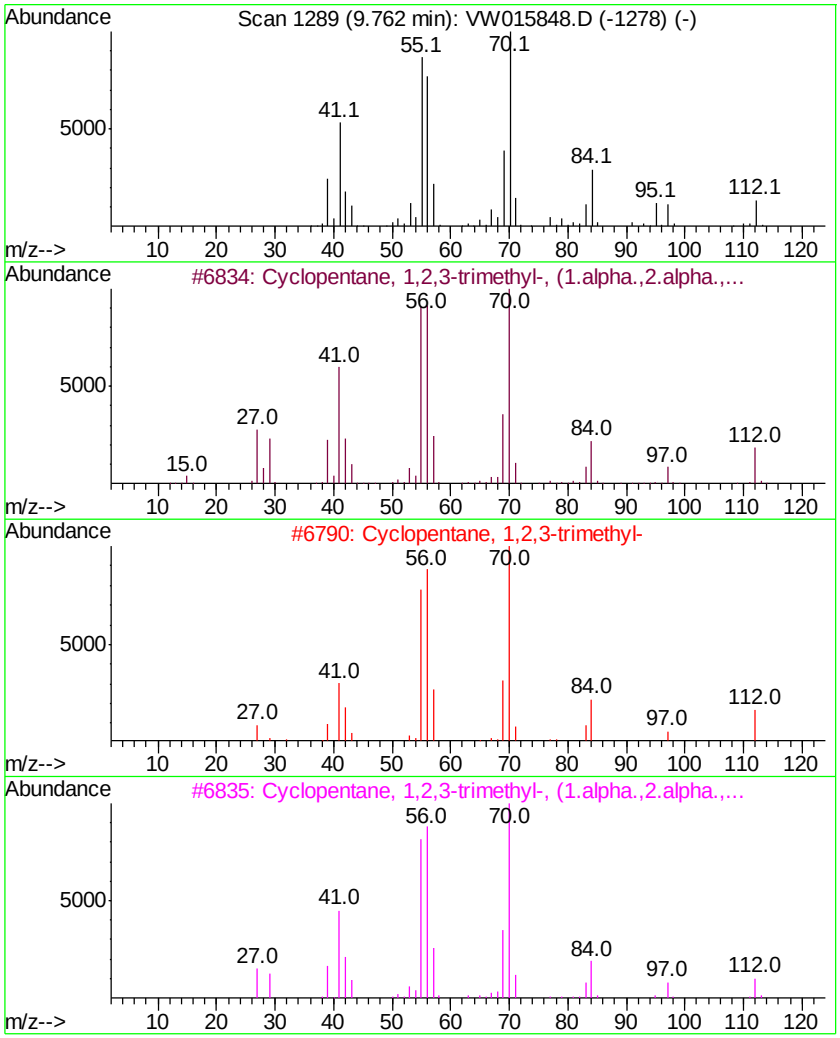
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

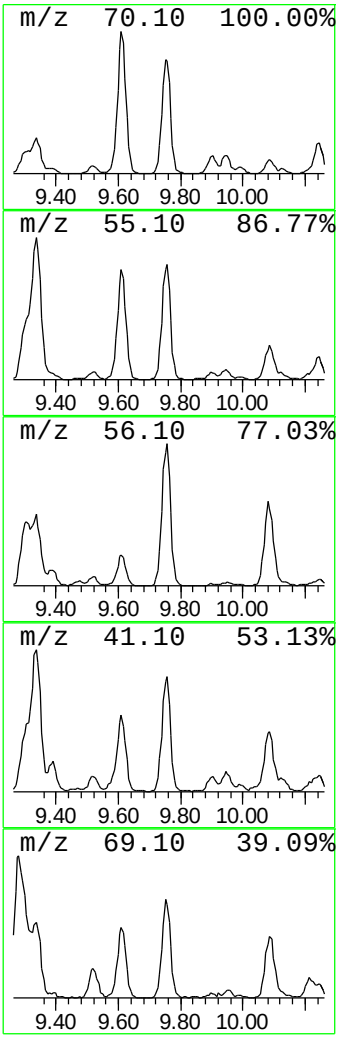
****

Peak Number 6 (DEL) Alkane: Cyclic9.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	10.15 ug/L	327393	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	74





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Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

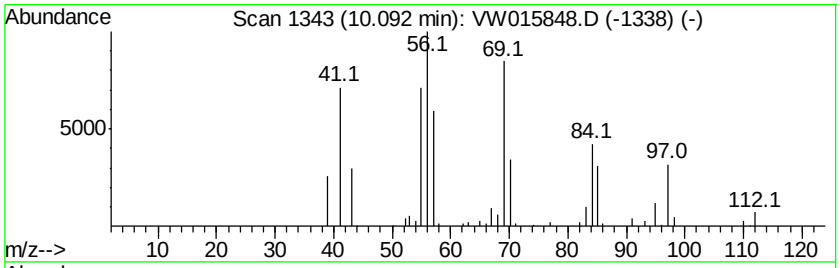
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

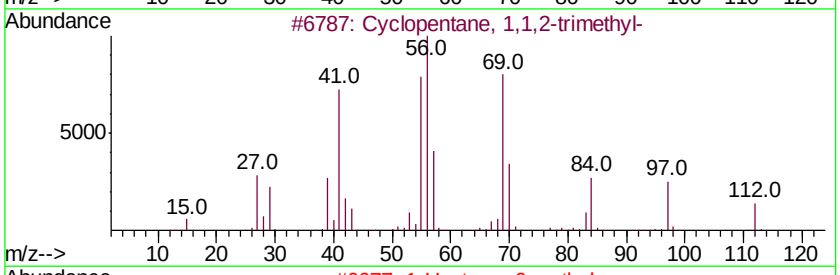
****

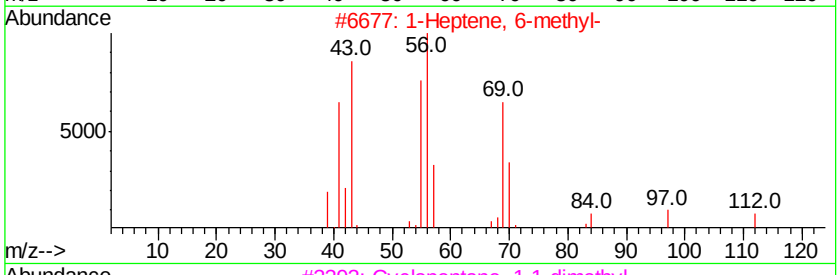
Peak Number 8 (DEL) Alkane: Cyclic10.09 Concentration Rank 27

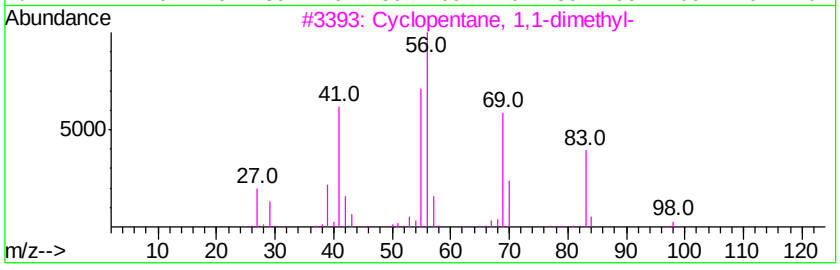
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	3.13 ug/L	100915	1,4-Difluorobenzene	8.85

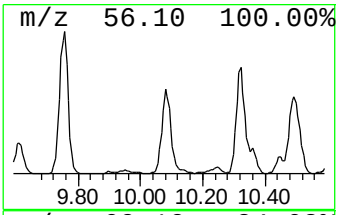
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	81
2	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	47
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
4	Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	43
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43

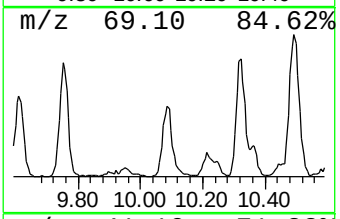


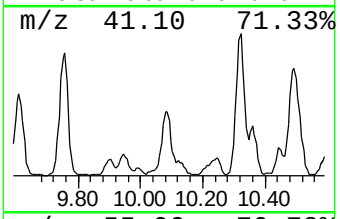


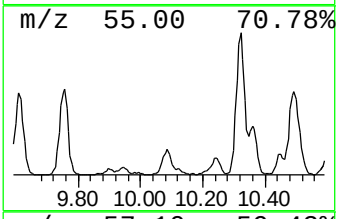


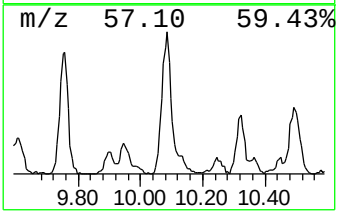












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

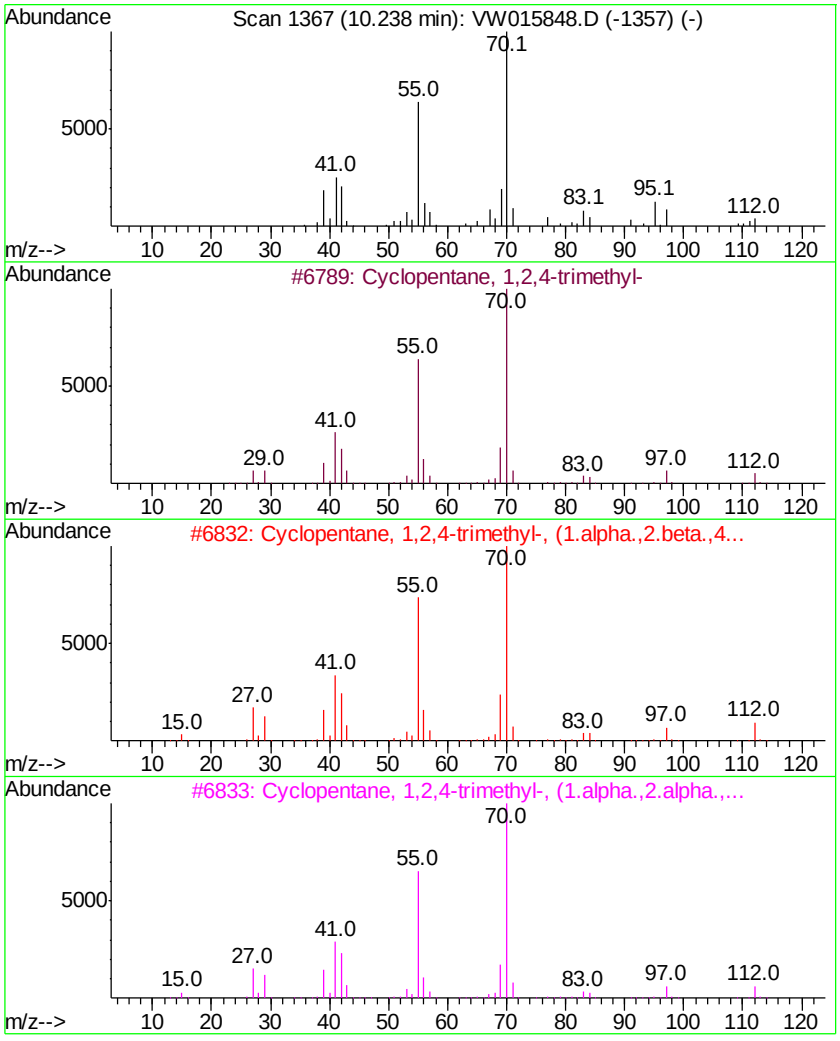
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

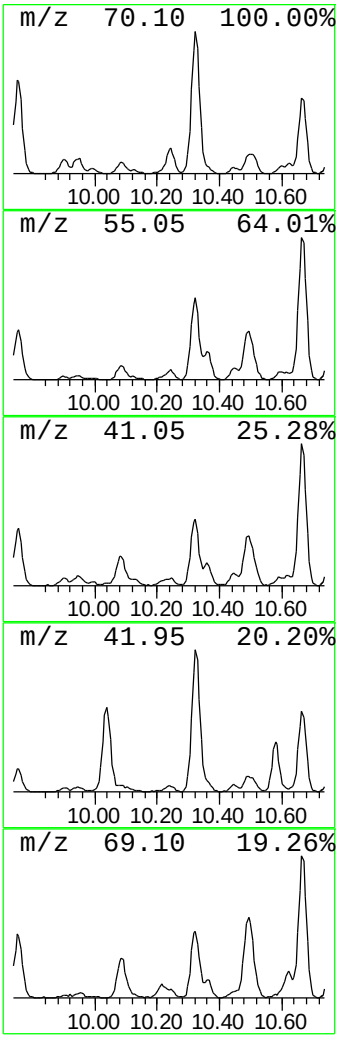
****

Peak Number 9 (DEL) Alkane: Cyclic10.24 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	1.87 ug/L	71117	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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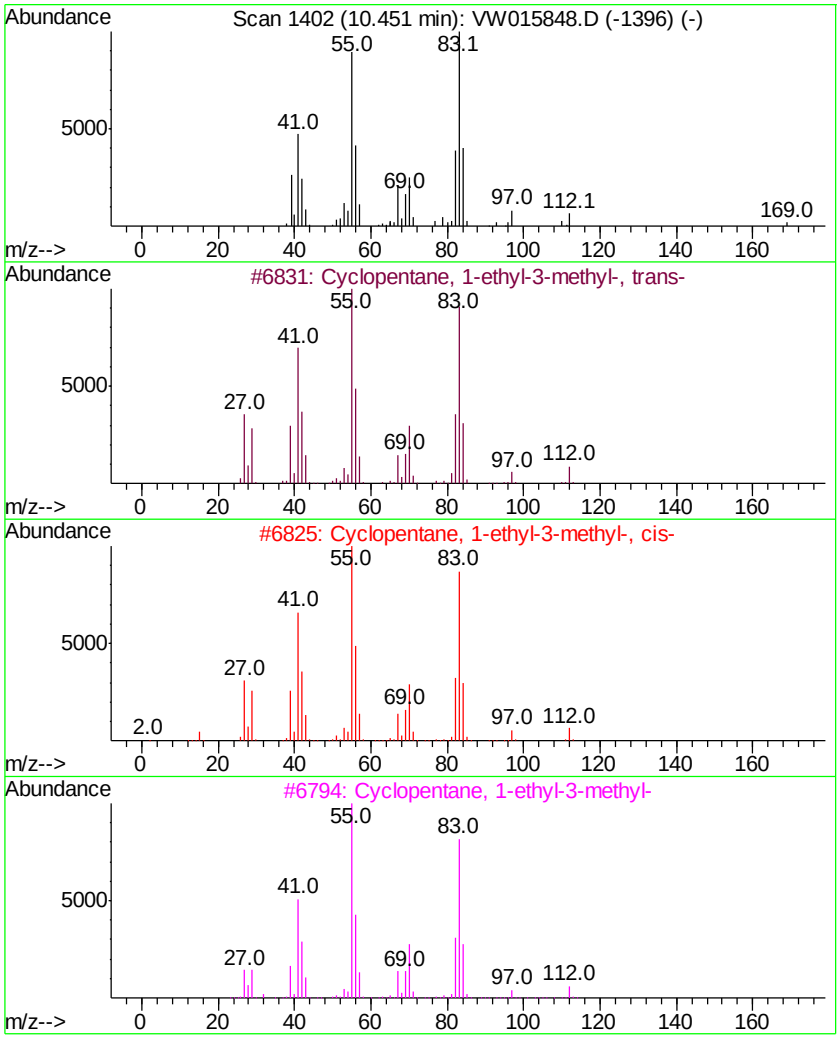
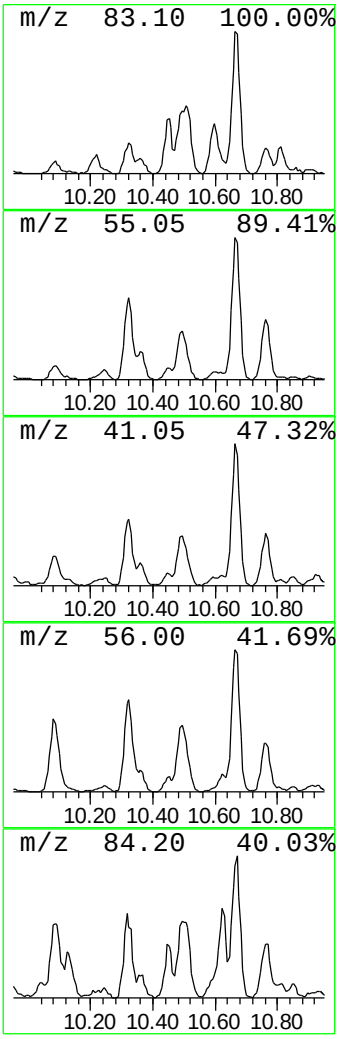
Peak Number 10 (DEL) Alkane: Cyclic10.45 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	1.55 ug/L	59072	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	94
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	94
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	94
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	62
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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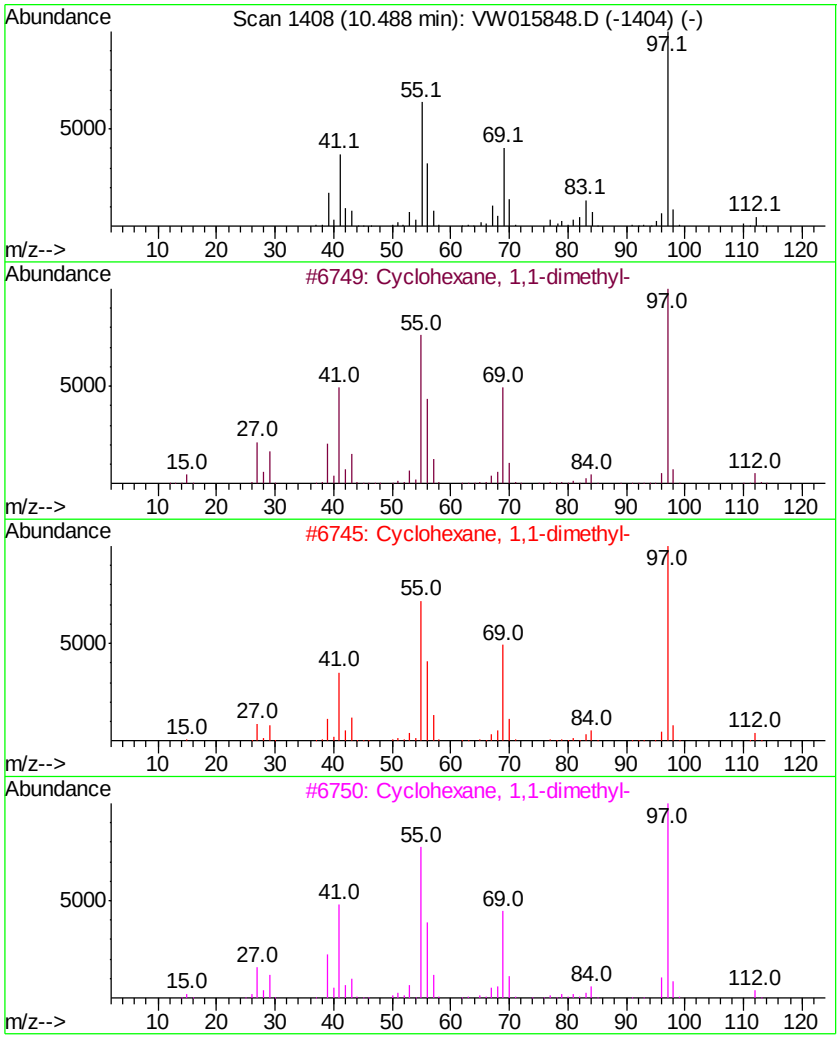
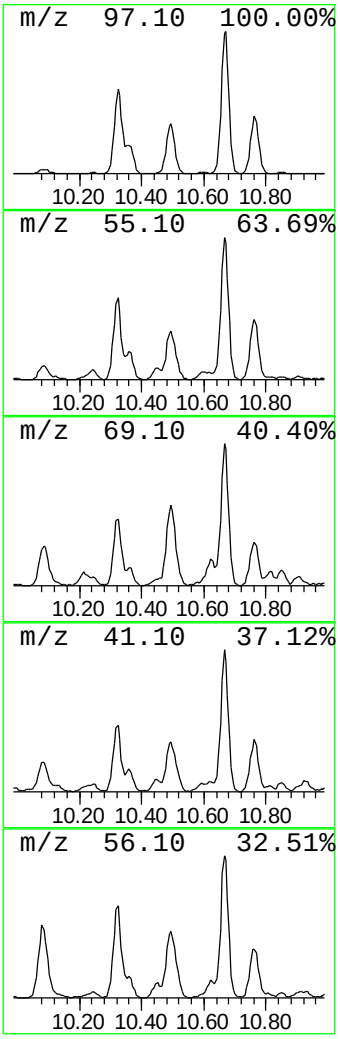
Peak Number 11 (DEL) Alkane: Cyclic10.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	9.42 ug/L	358238	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	93
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	86
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	83
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	78
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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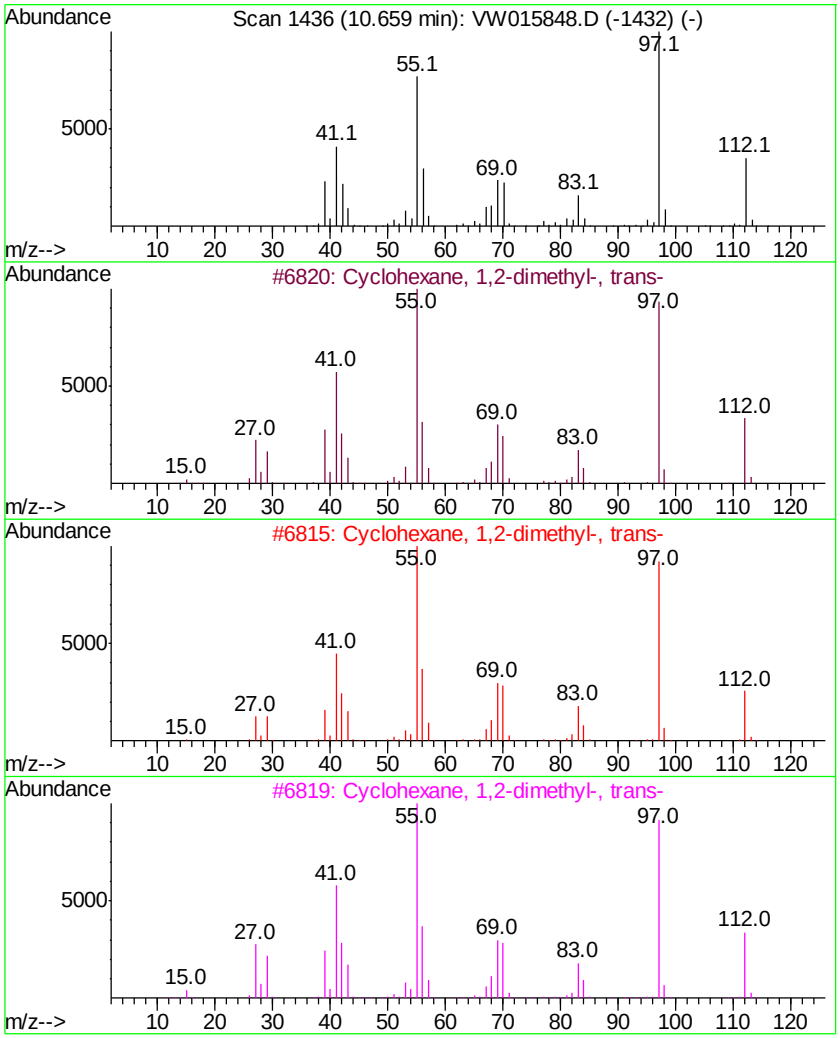
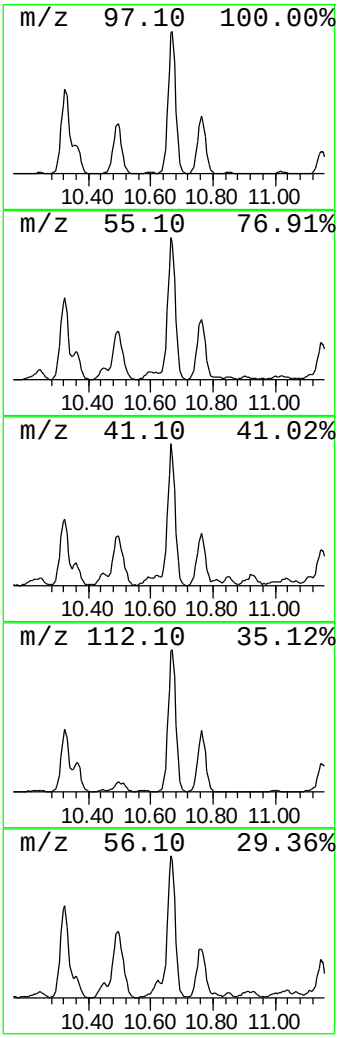
Peak Number 12 (DEL) Alkane: Cyclic10.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	20.91 ug/L	795527	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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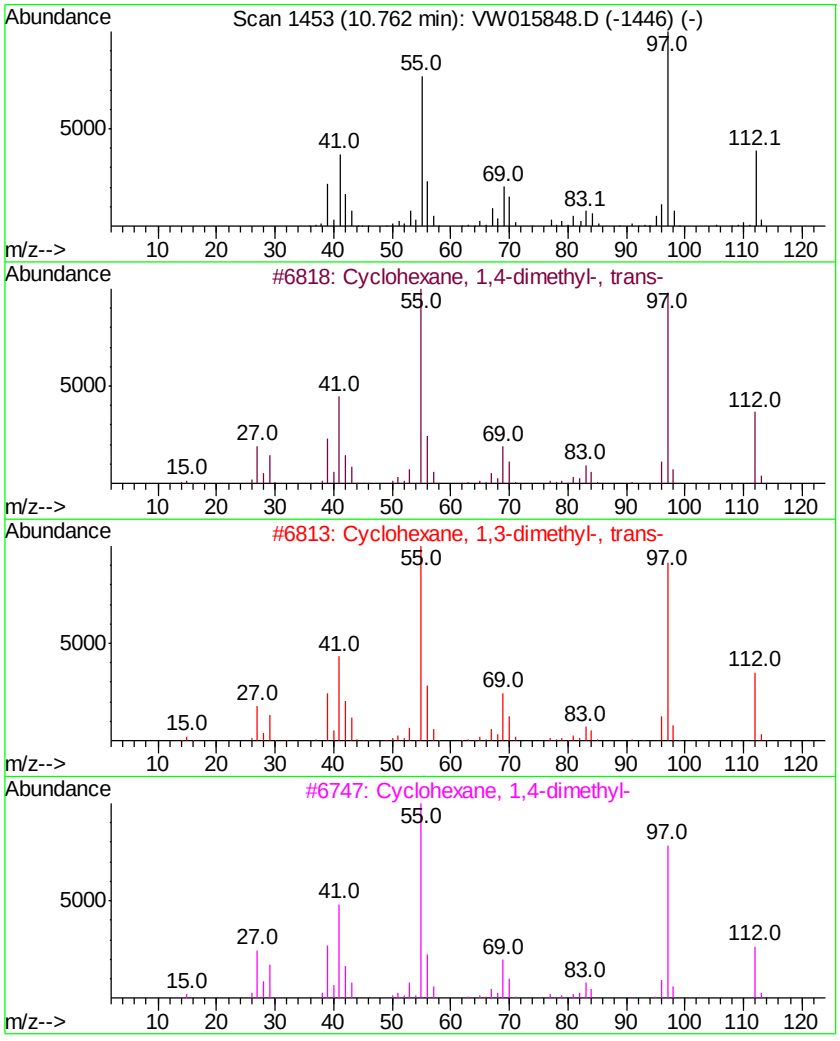
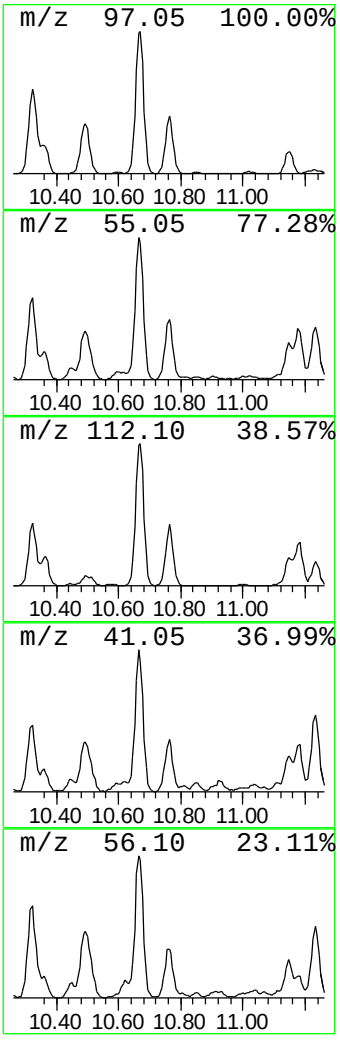
Peak Number 13 (DEL) Alkane: Cyclic10.76 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	8.36 ug/L	317888	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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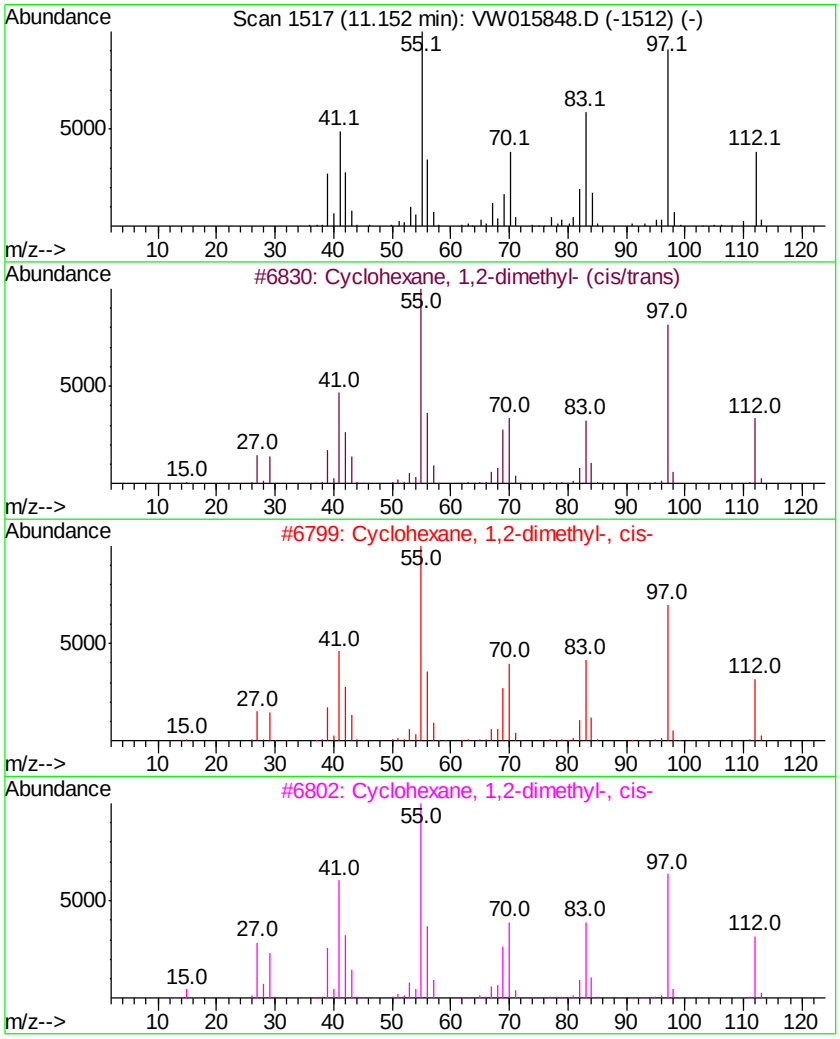
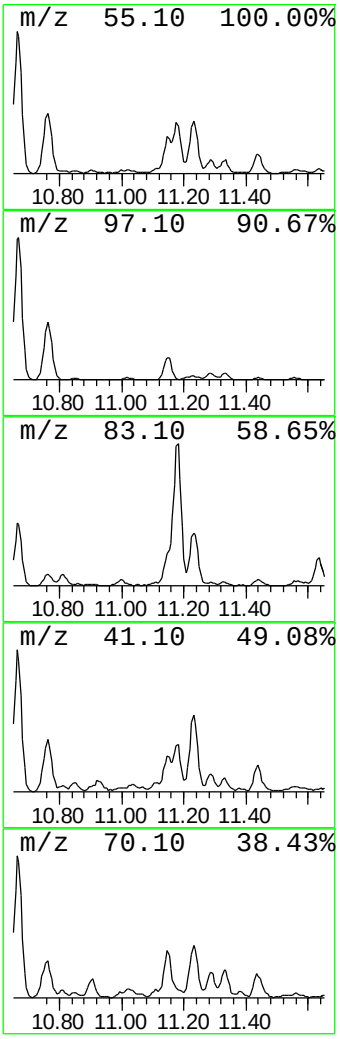
Peak Number 14 (DEL) Alkane: Cyclic11.15 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.41 ug/L	167867	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	90
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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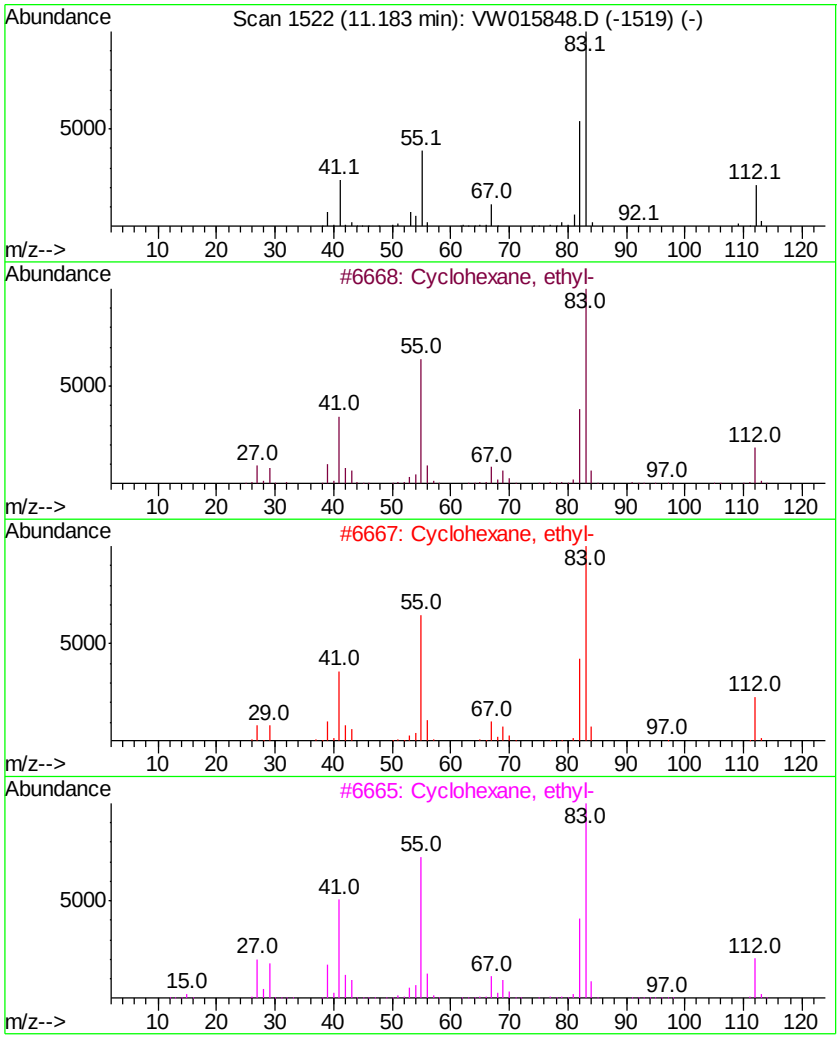
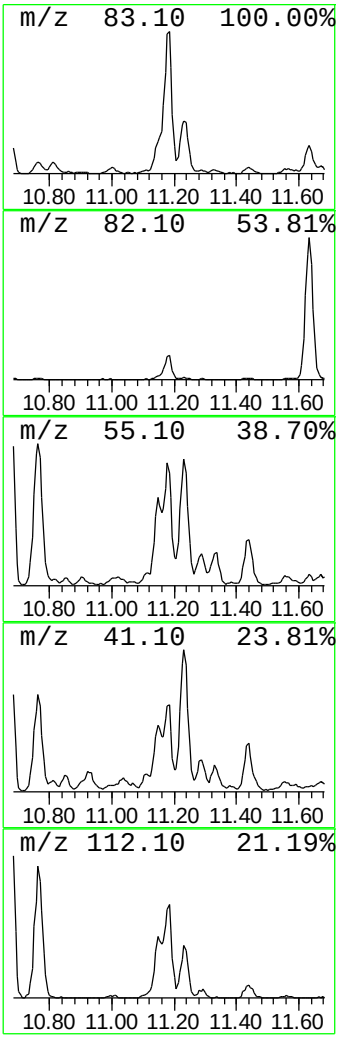
Peak Number 15 (DEL) Alkane: Cyclic11.18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.43 ug/L	206463	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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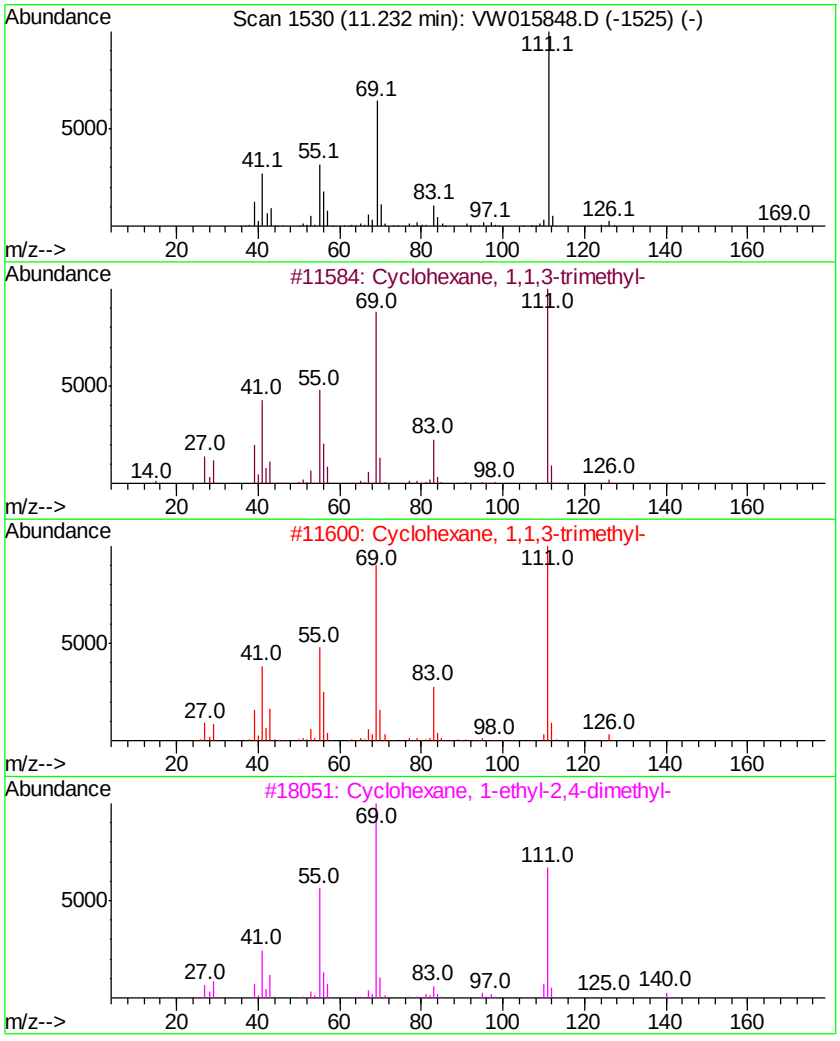
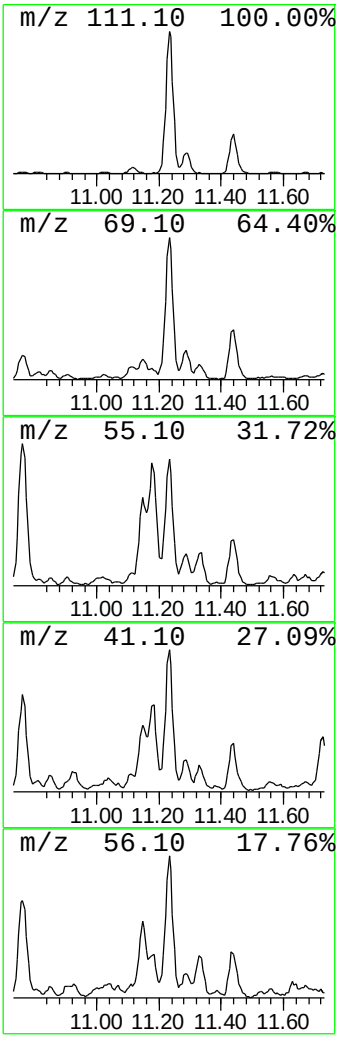
Peak Number 16 (DEL) Alkane: Cyclic11.23 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	11.53 ug/L	438775	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	56
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	50





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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

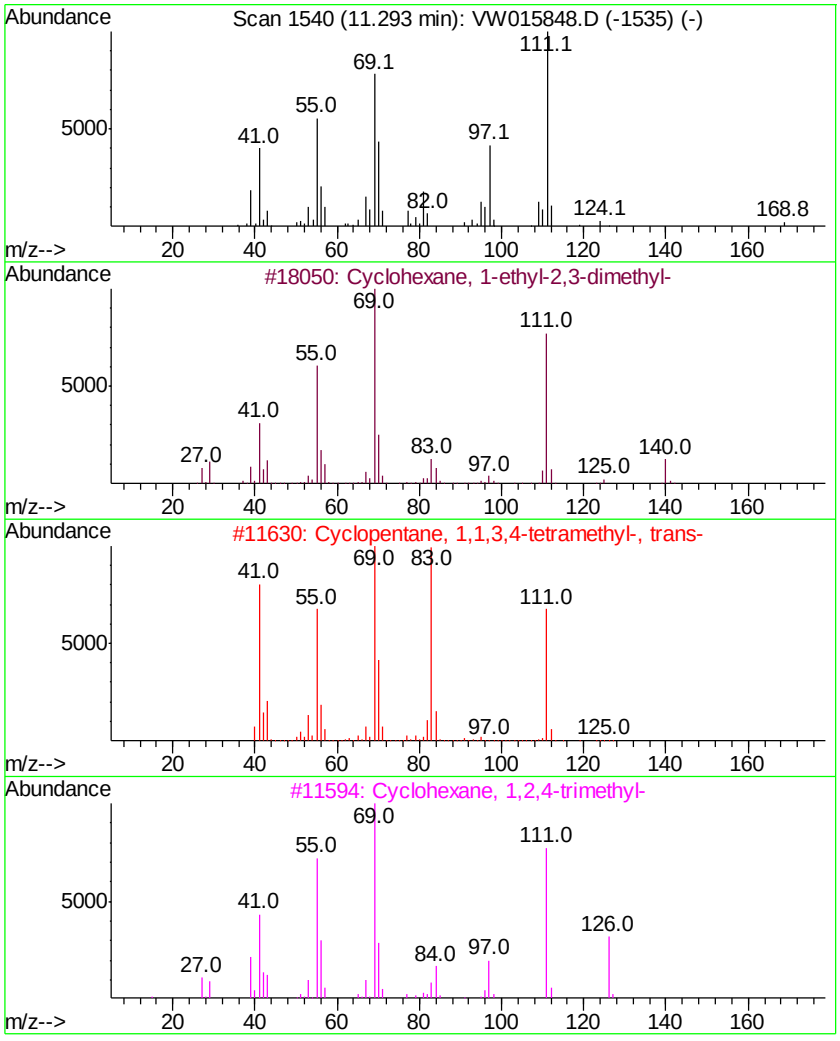
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

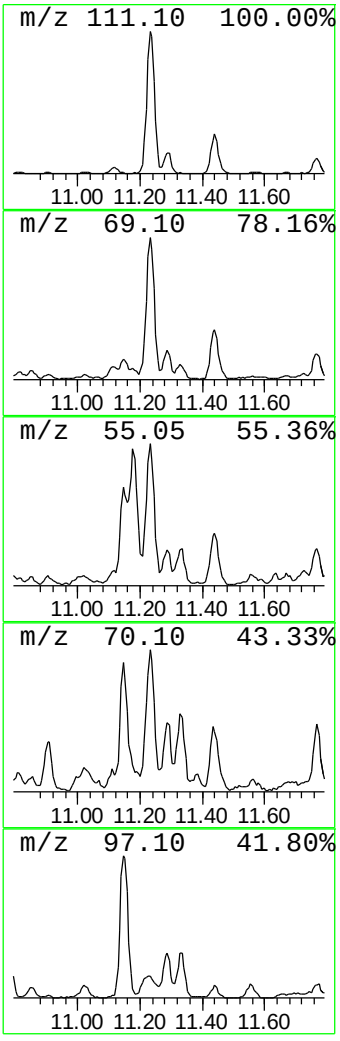
****

Peak Number 17 (DEL) Alkane: Cyclic11.29 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.19 ug/L	83467	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	53
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	53
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
5	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

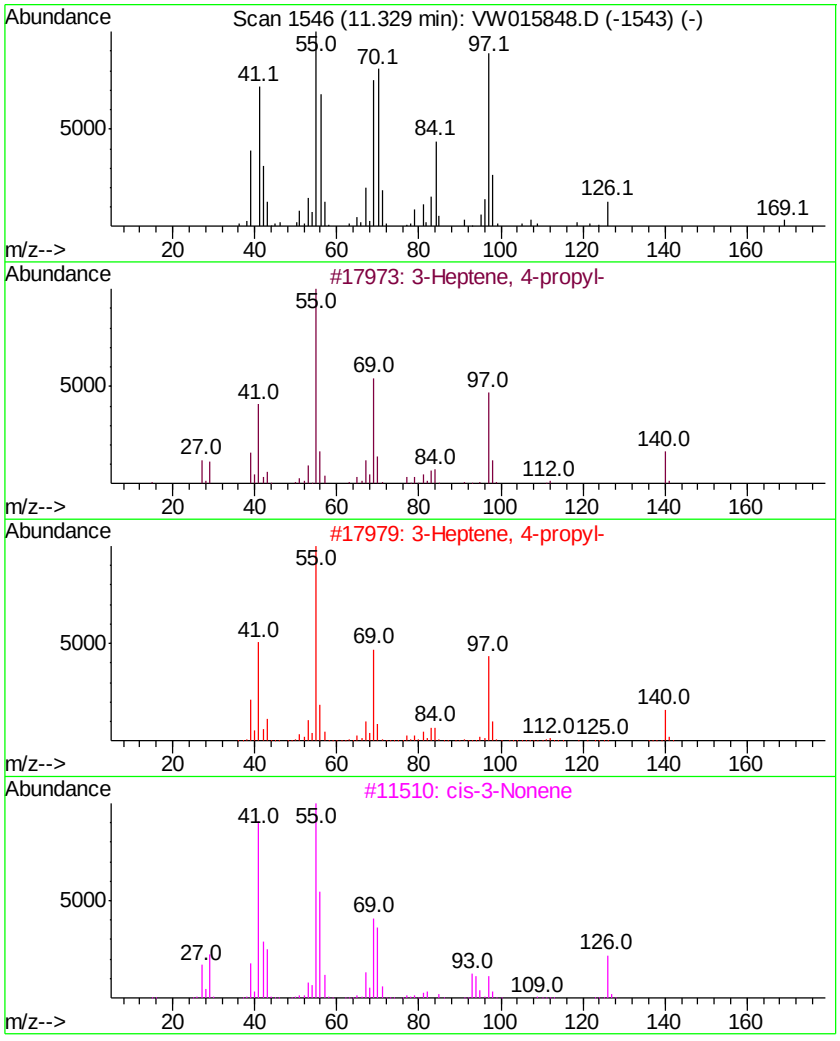
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

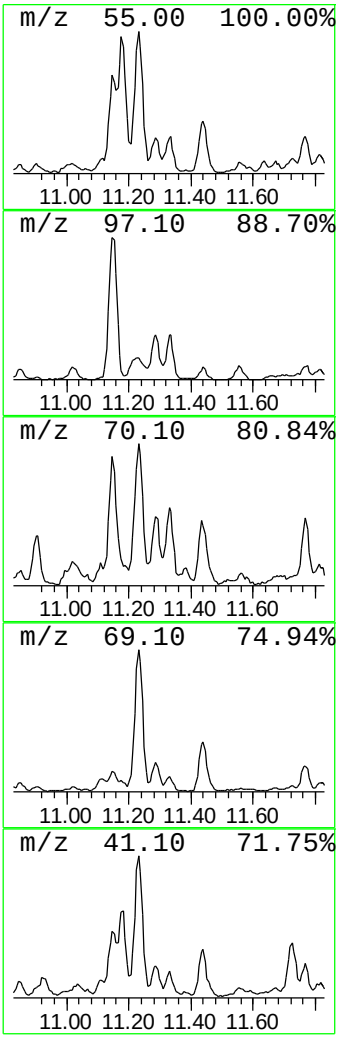
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	1.83 ug/L	69602	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	50
2	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	49
3	cis-3-Nonene	126	C9H18	020237-46-1	46
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	43
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

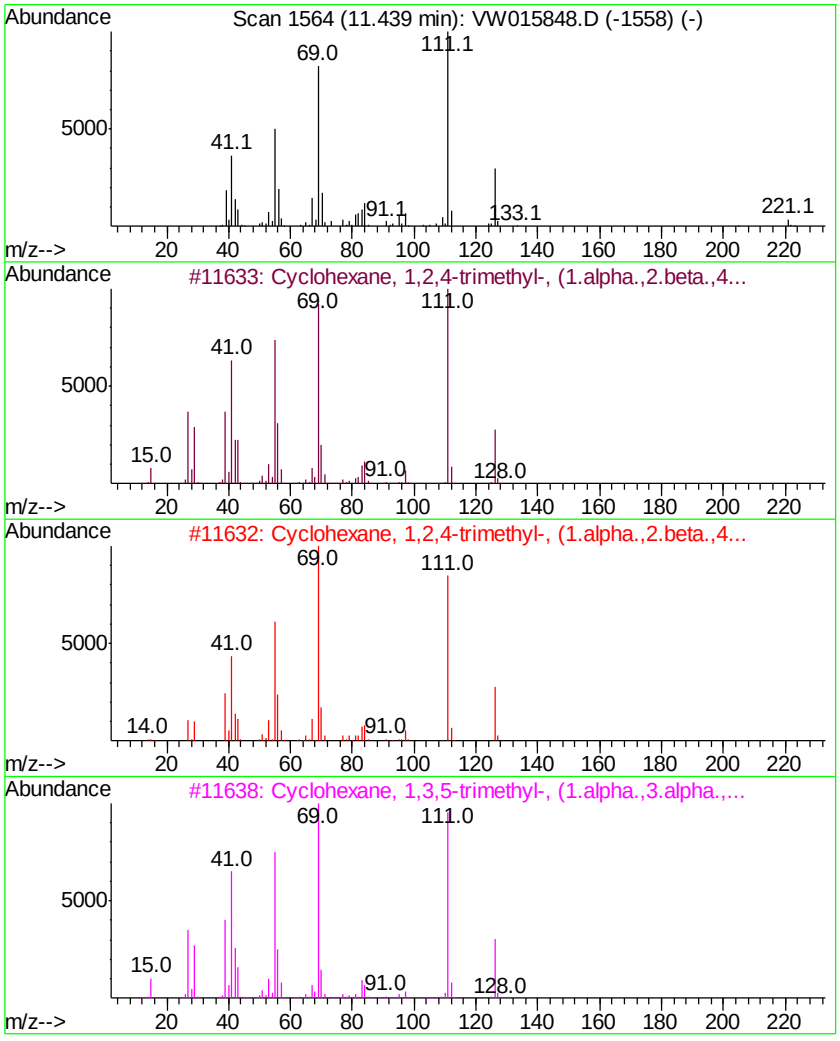
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

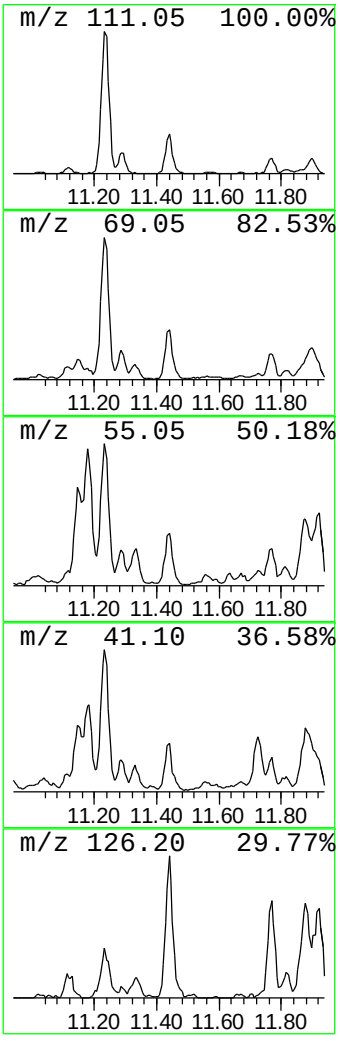
****

Peak Number 19 (DEL) Alkane: Cyclic11.44 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	4.47 ug/L	170055	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

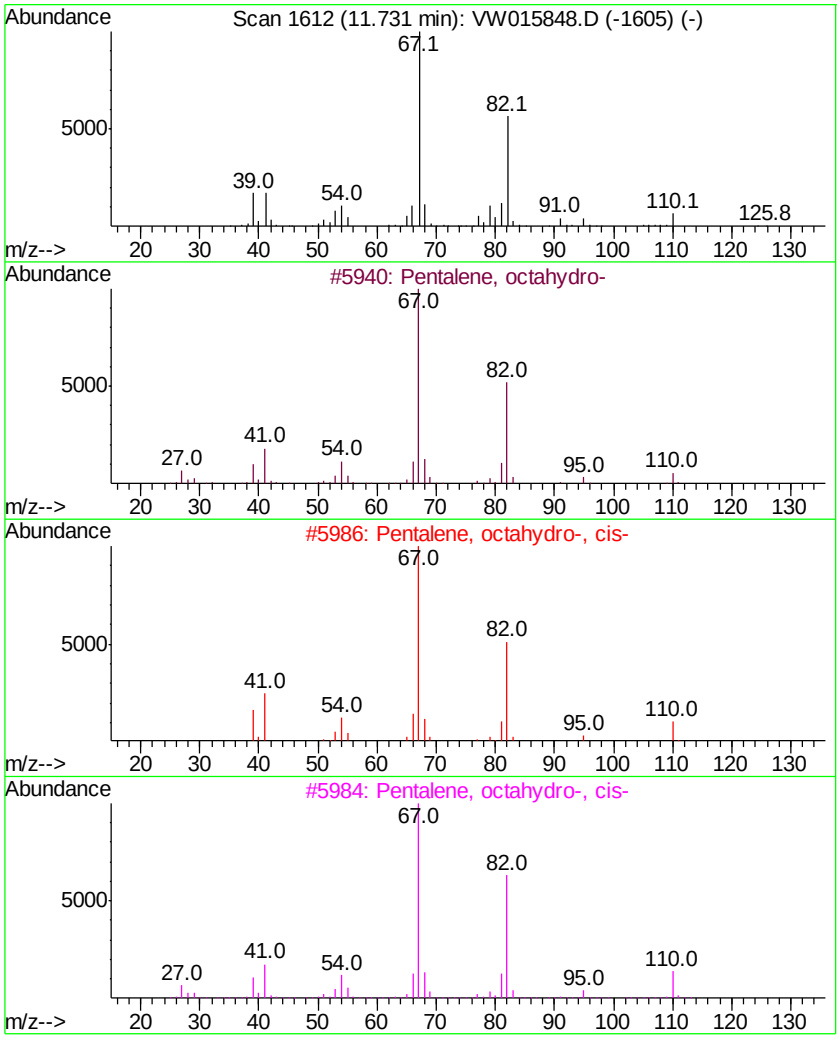
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

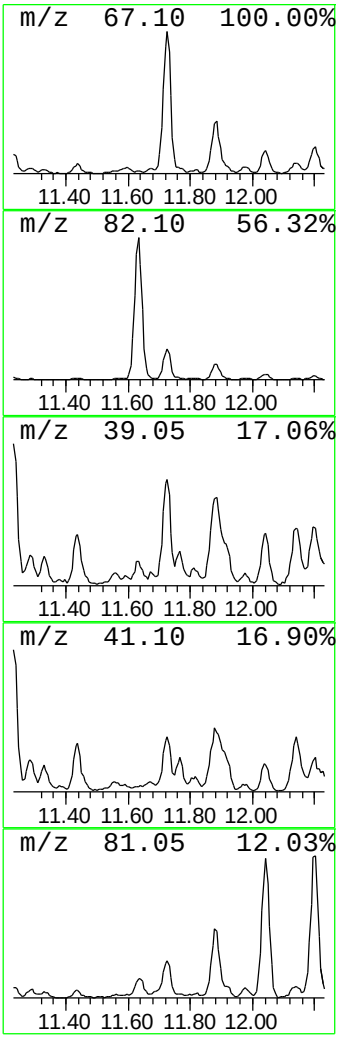
****

Peak Number 20 Pentalene, octahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.80 ug/L	220615	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	90
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	86
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	64
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

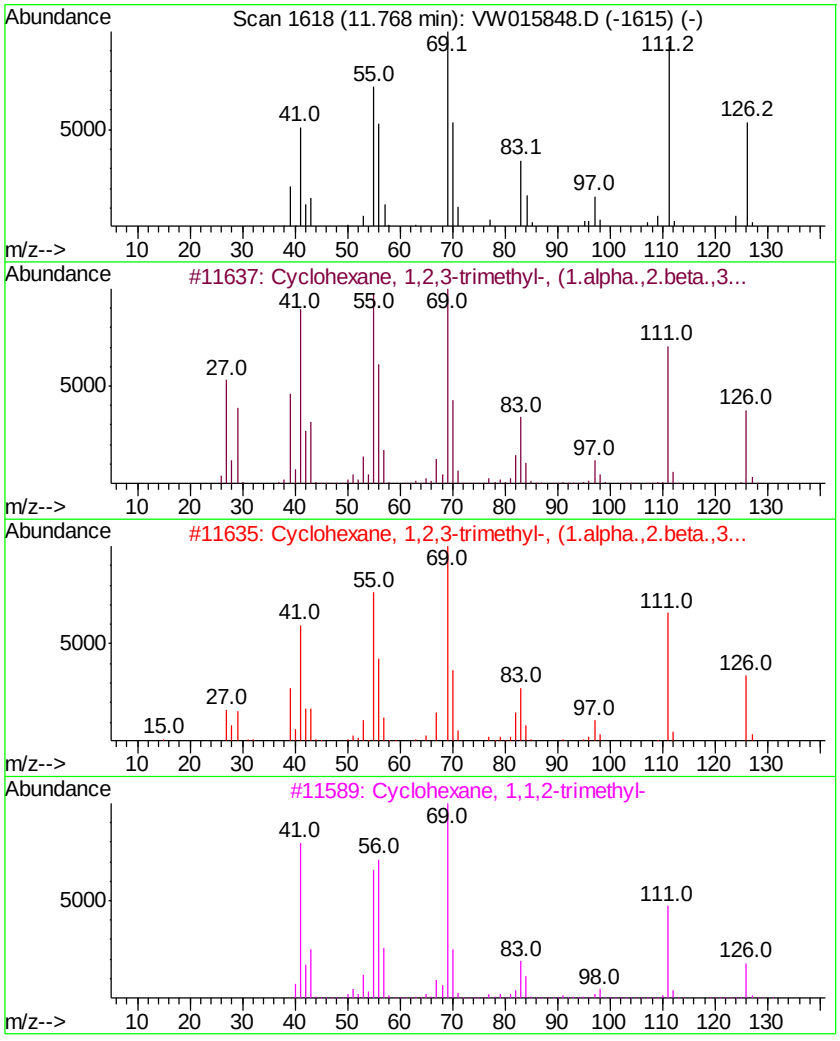
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

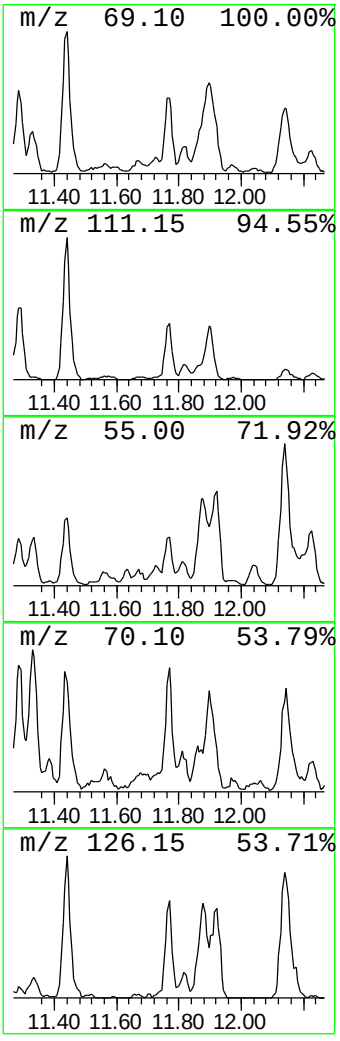
****

Peak Number 21 (DEL) Alkane: Cyclic11.17 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	1.85 ug/L	70446	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	90
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	72
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

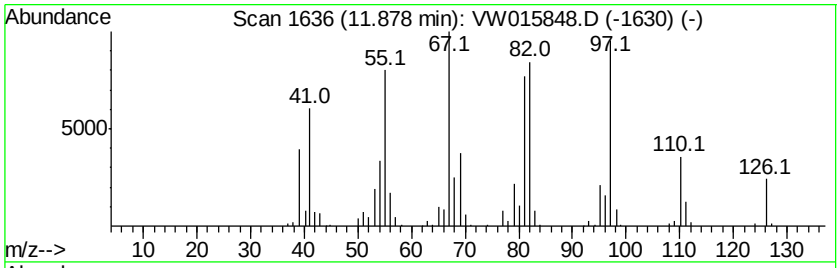
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

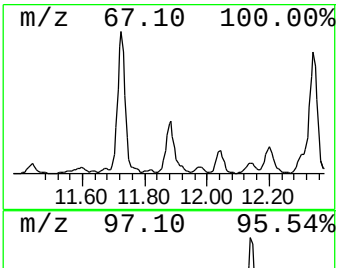
****

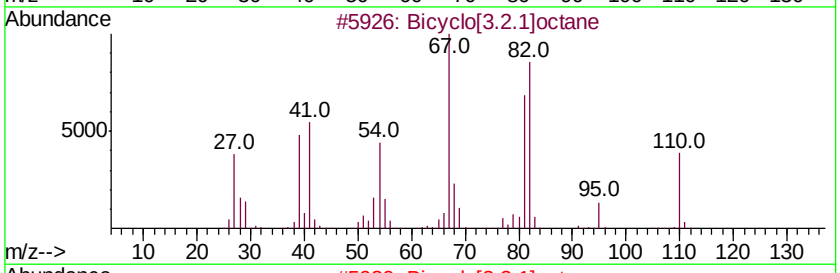
Peak Number 22 Bicyclo[3.2.1]octane Concentration Rank 4

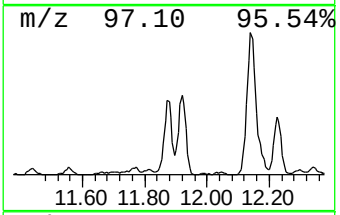
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	10.75 ug/L	408890	Chlorobenzene-d5	11.63

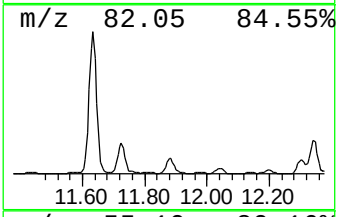
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	64
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	58
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43
4	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	43
5	Cyclooctene	110	C8H14	000931-88-4	43

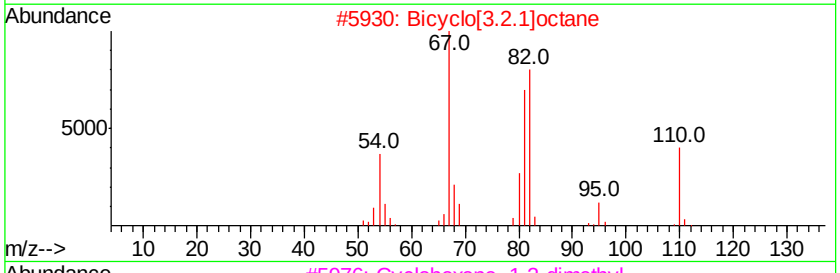


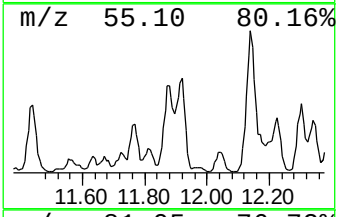


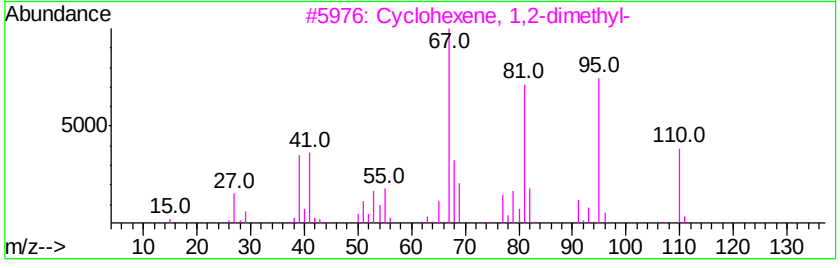


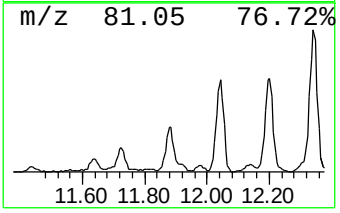












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

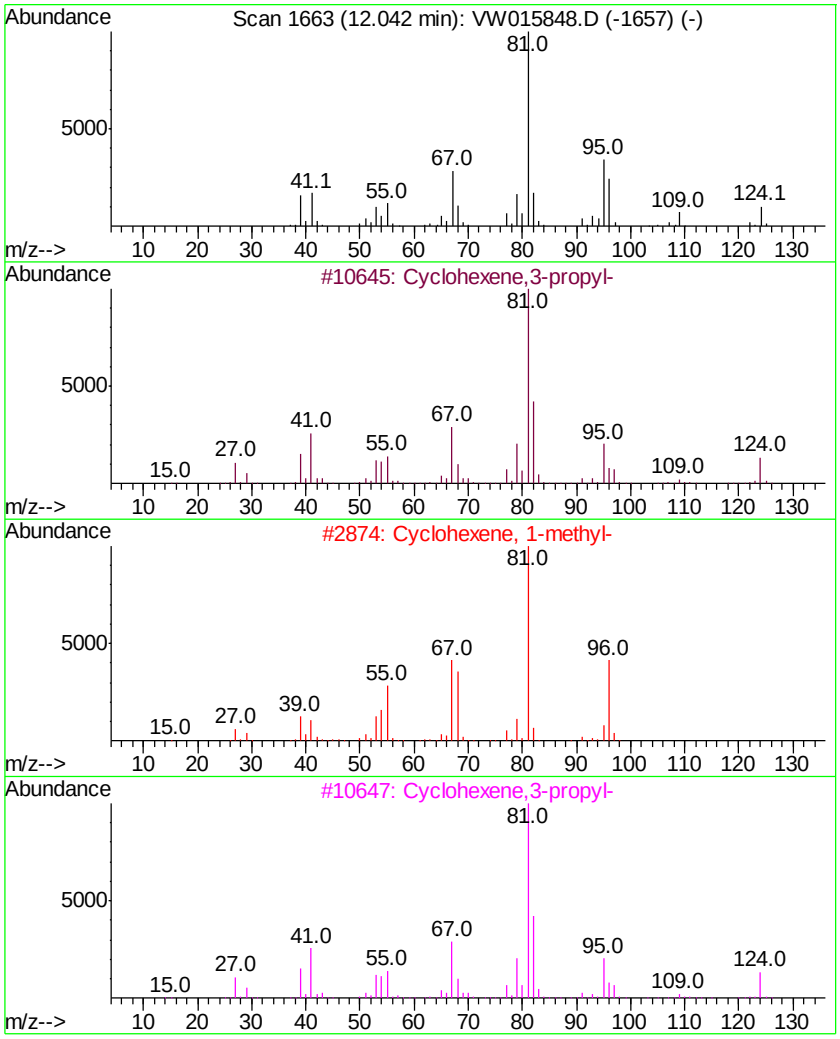
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

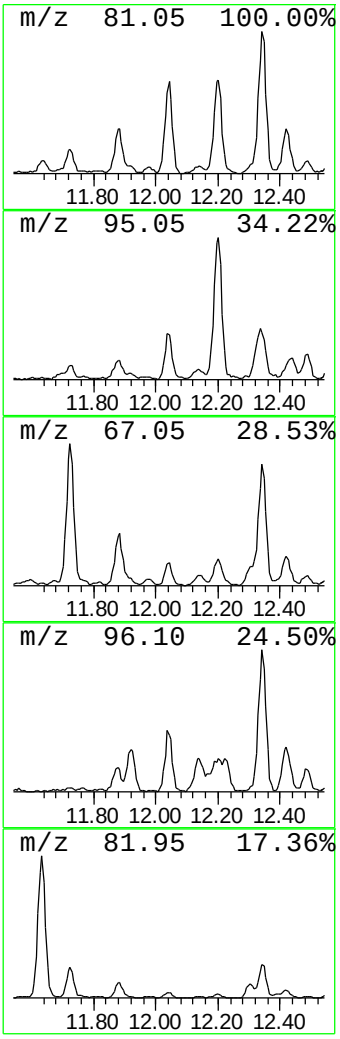
****

Peak Number 23 Cyclohexene,3-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.79 ug/L	144344	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	68
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	64
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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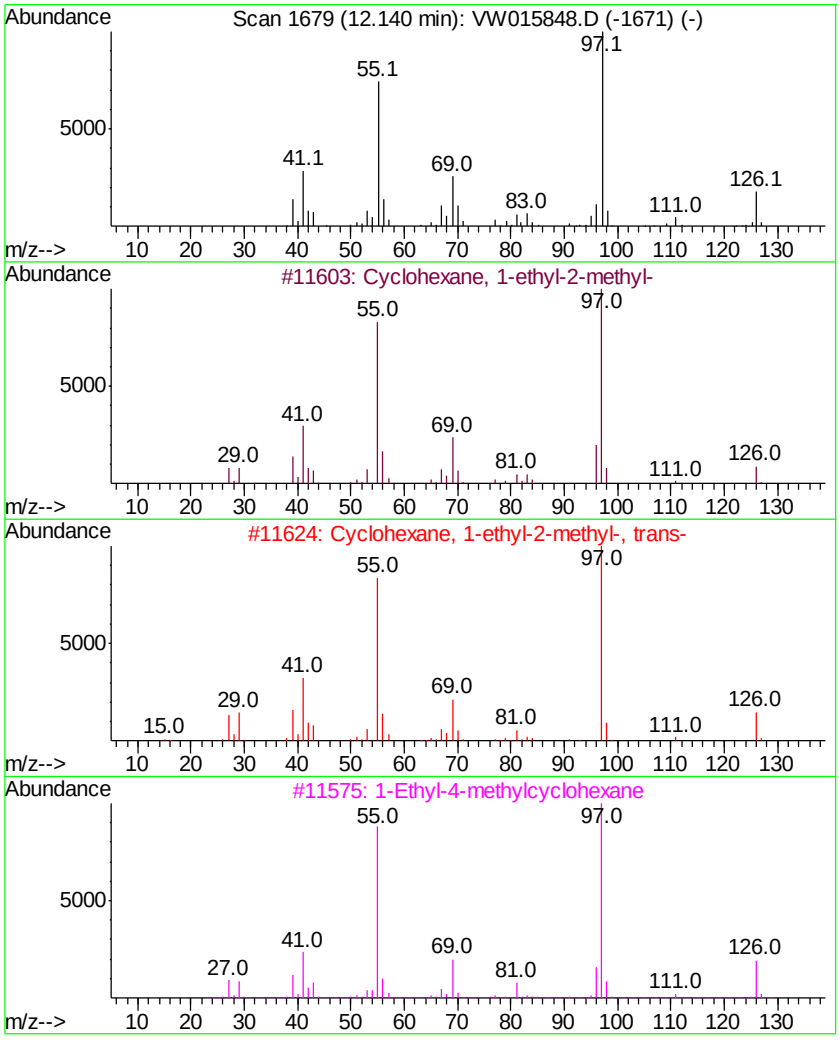
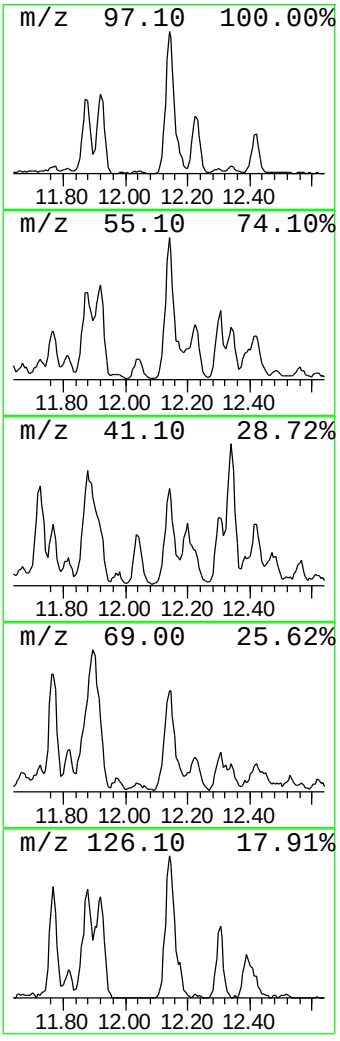
Peak Number 24 (DEL) Alkane: Cyclic12.14 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.02 ug/L	228902	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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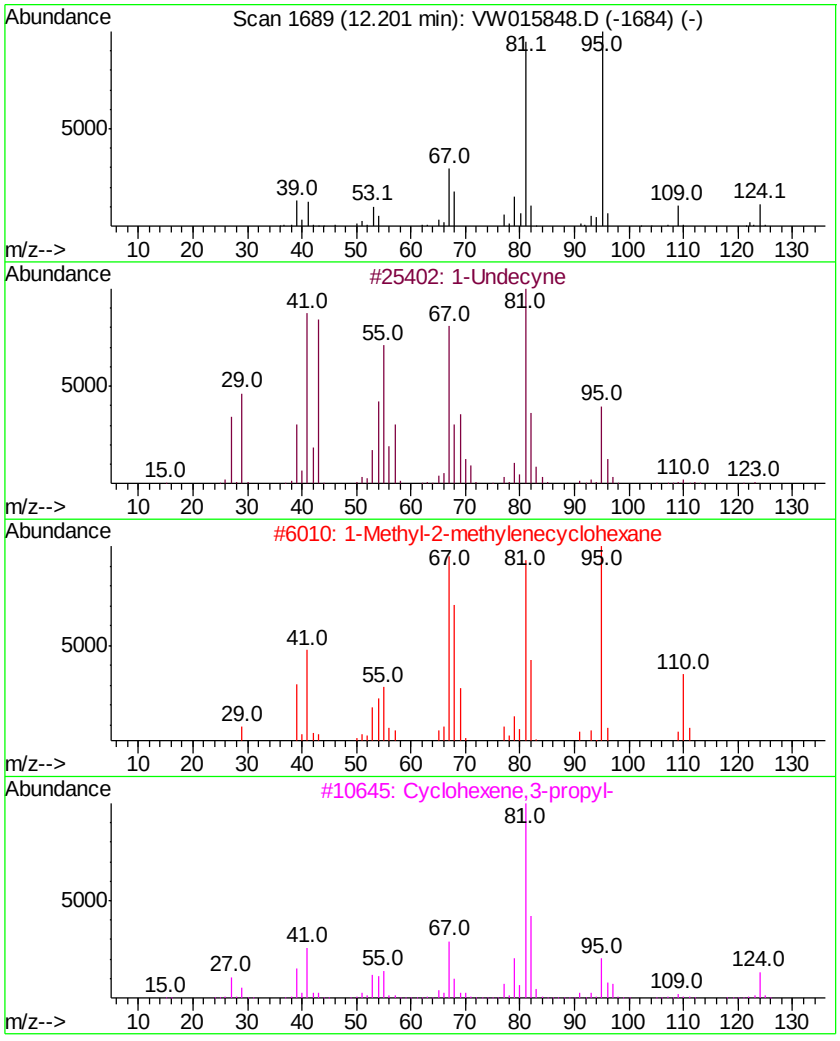
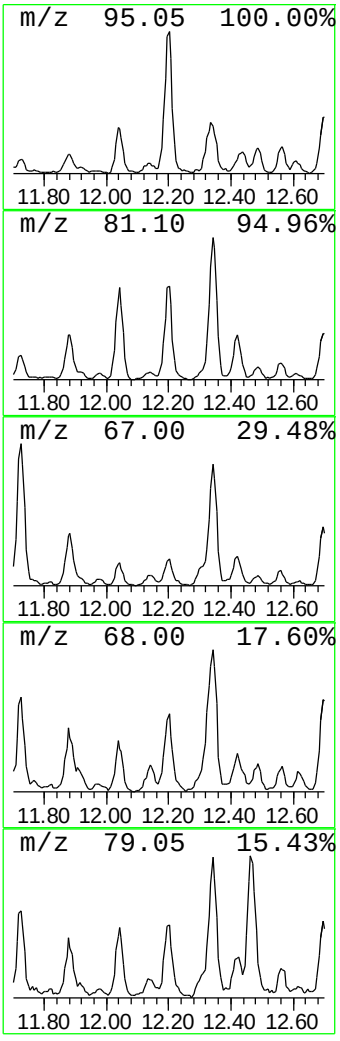
Peak Number 25 1-Undecyne Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	6.56 ug/L	249627	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecyne	152	C11H20	002243-98-3	50
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	50
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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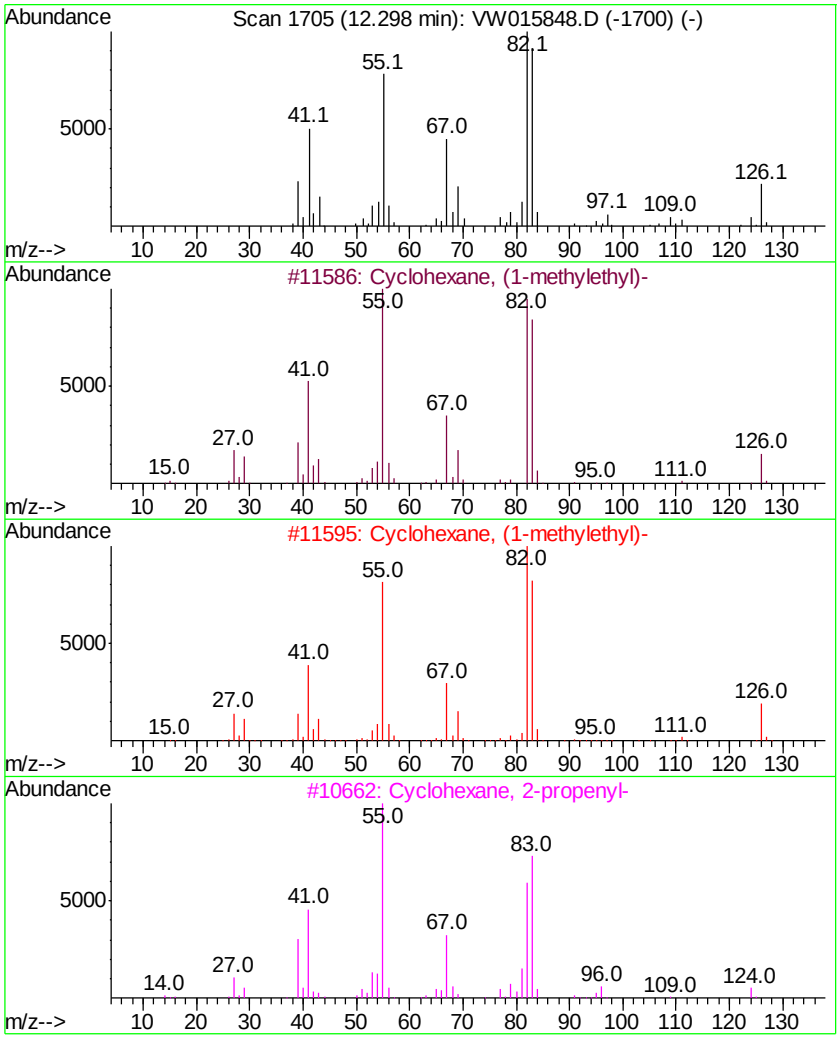
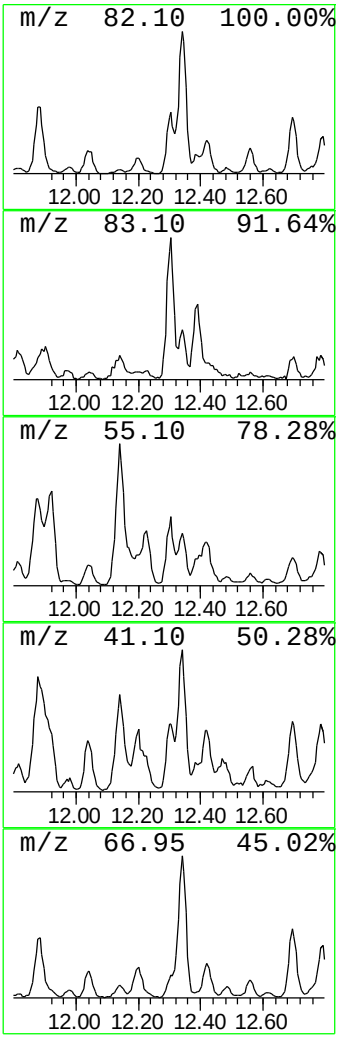
Peak Number 26 (DEL) Alkane: Cyclic12.30 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.04 ug/L	115535	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	87
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

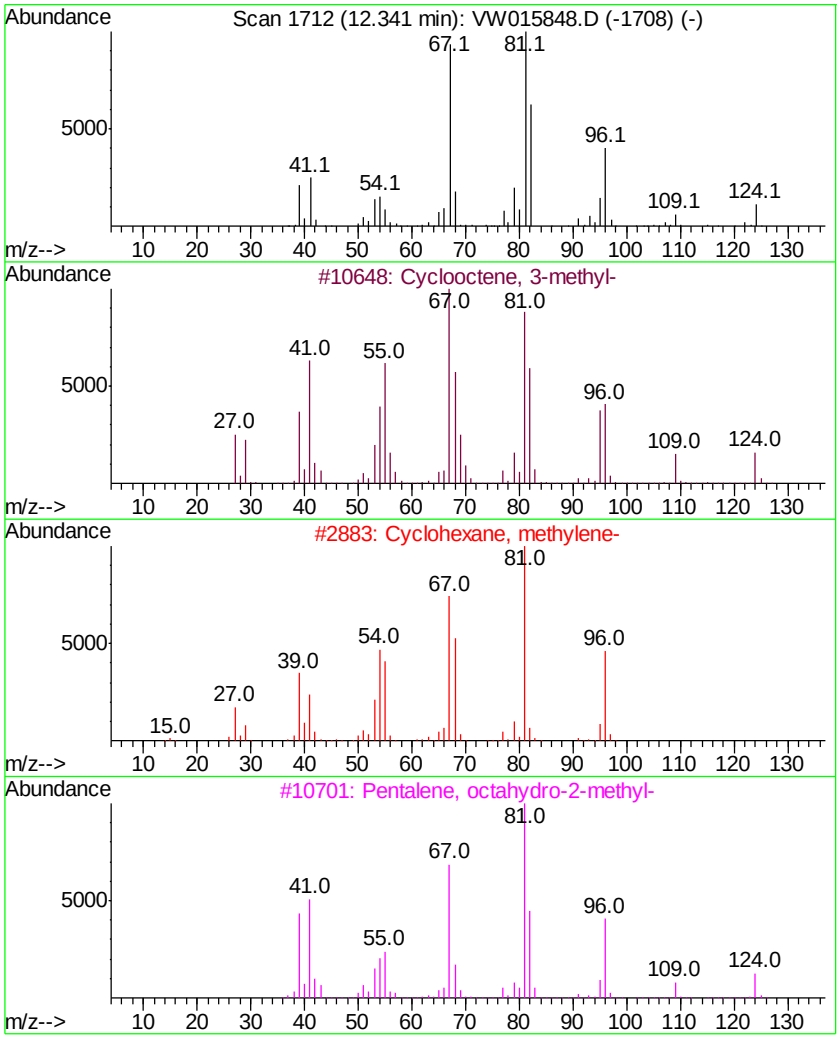
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

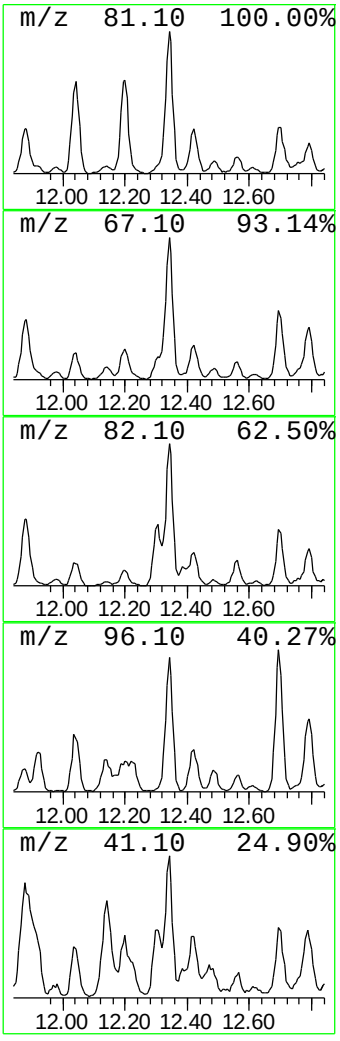
****

Peak Number 27 Cyclooctene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	8.63 ug/L	328148	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	86
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	64
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	55
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

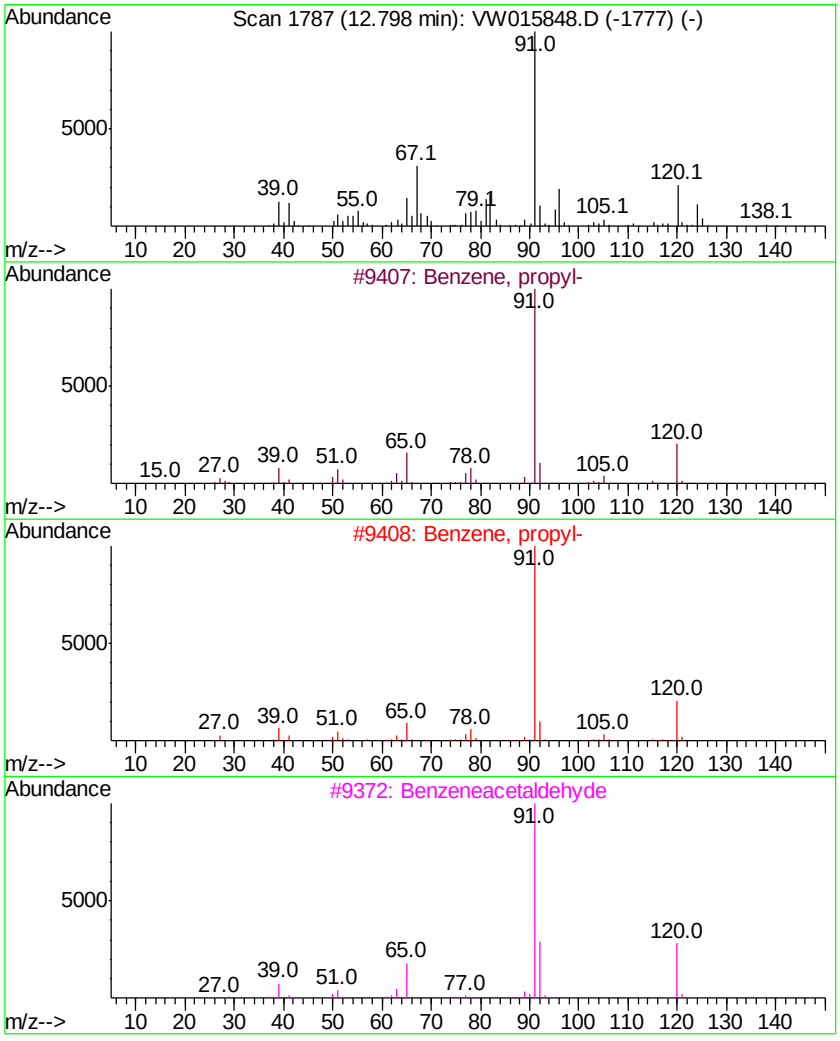
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

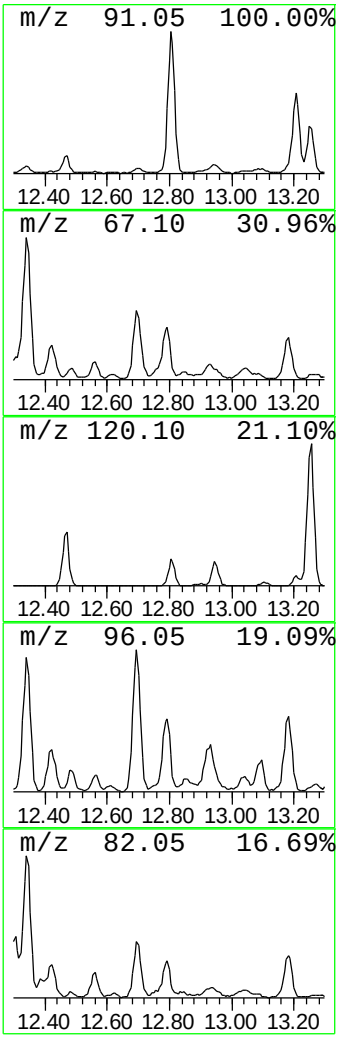
****

Peak Number 28 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	1.74 ug/L	254794	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	38
2	Benzene, propyl-	120	C9H12	000103-65-1	38
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	35
4	Benzene, propyl-	120	C9H12	000103-65-1	25
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	22





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

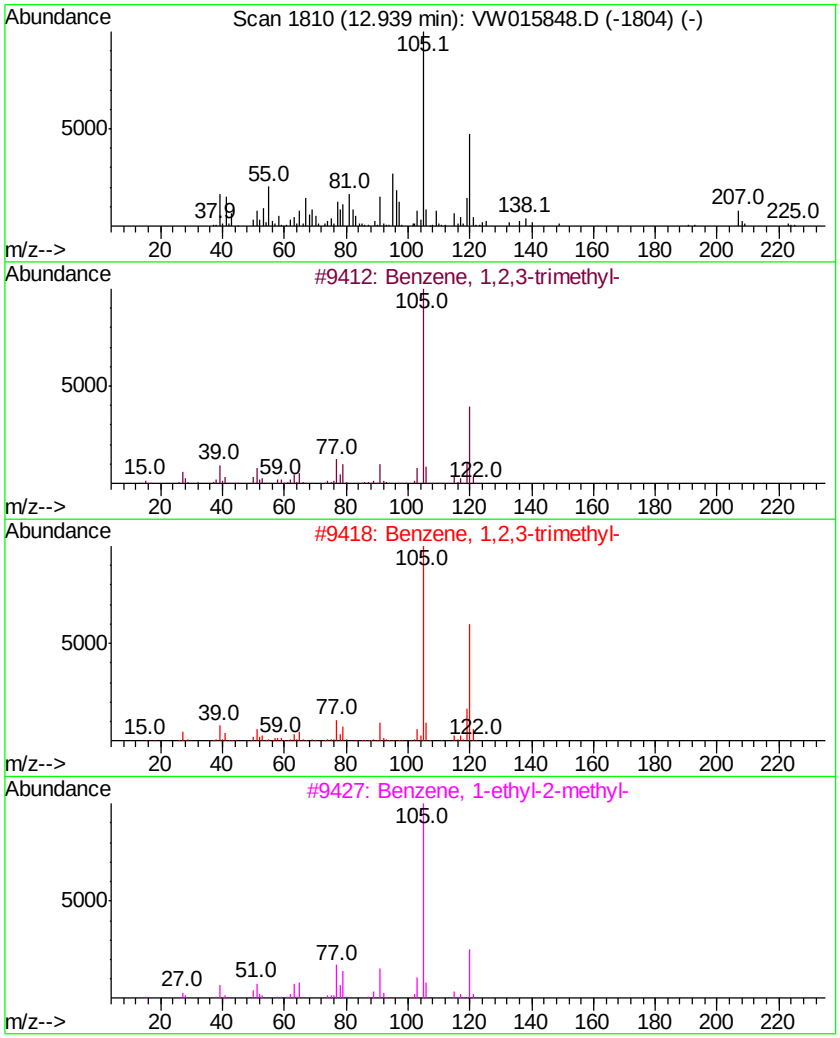
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

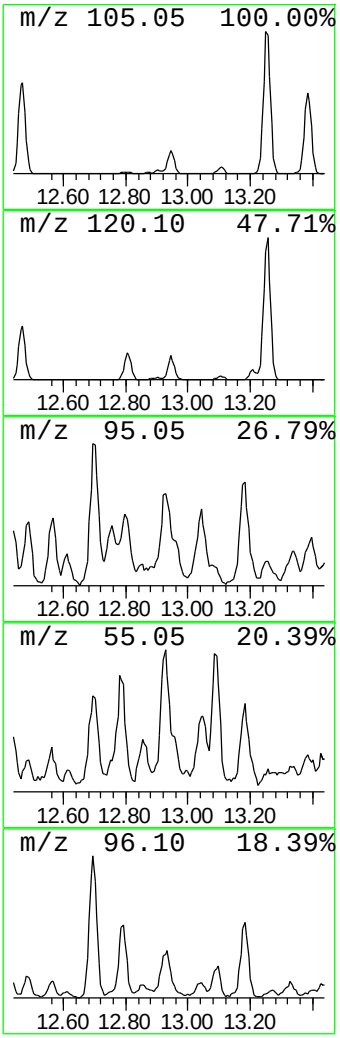
****

Peak Number 29 Benzene, 1,2,3-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.53 ug/L	223348	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	78
4	Mesitylene	120	C9H12	000108-67-8	70
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

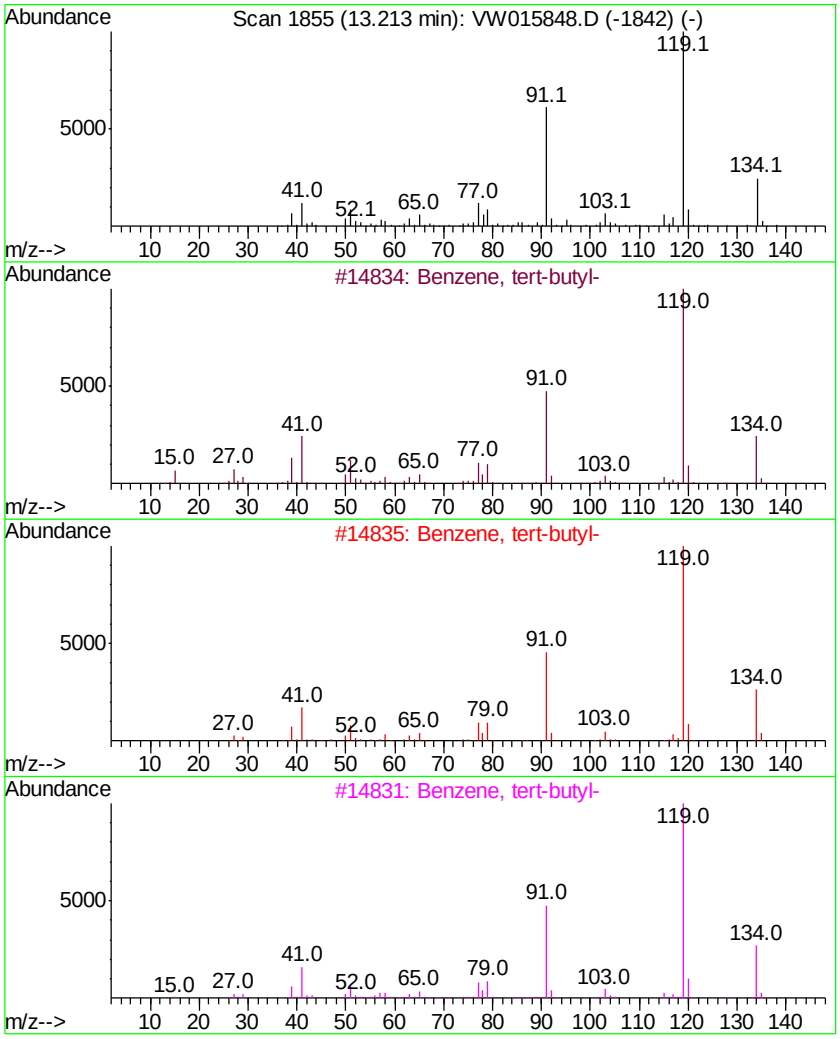
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

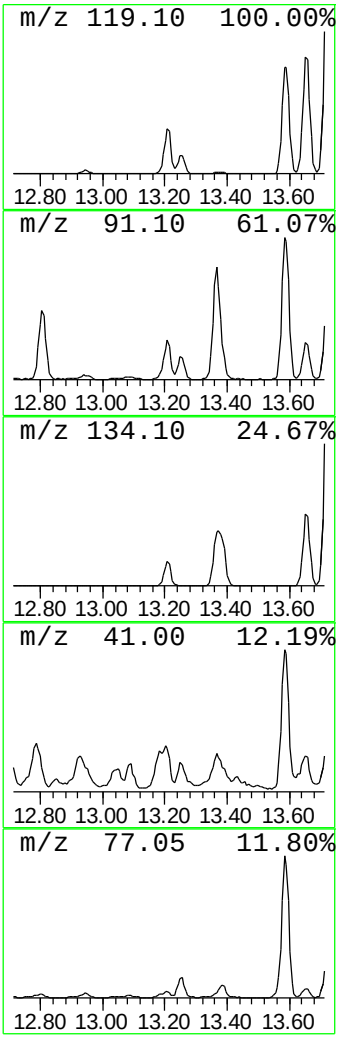
****

Peak Number 30 Benzene, tert-butyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.11 ug/L	308699	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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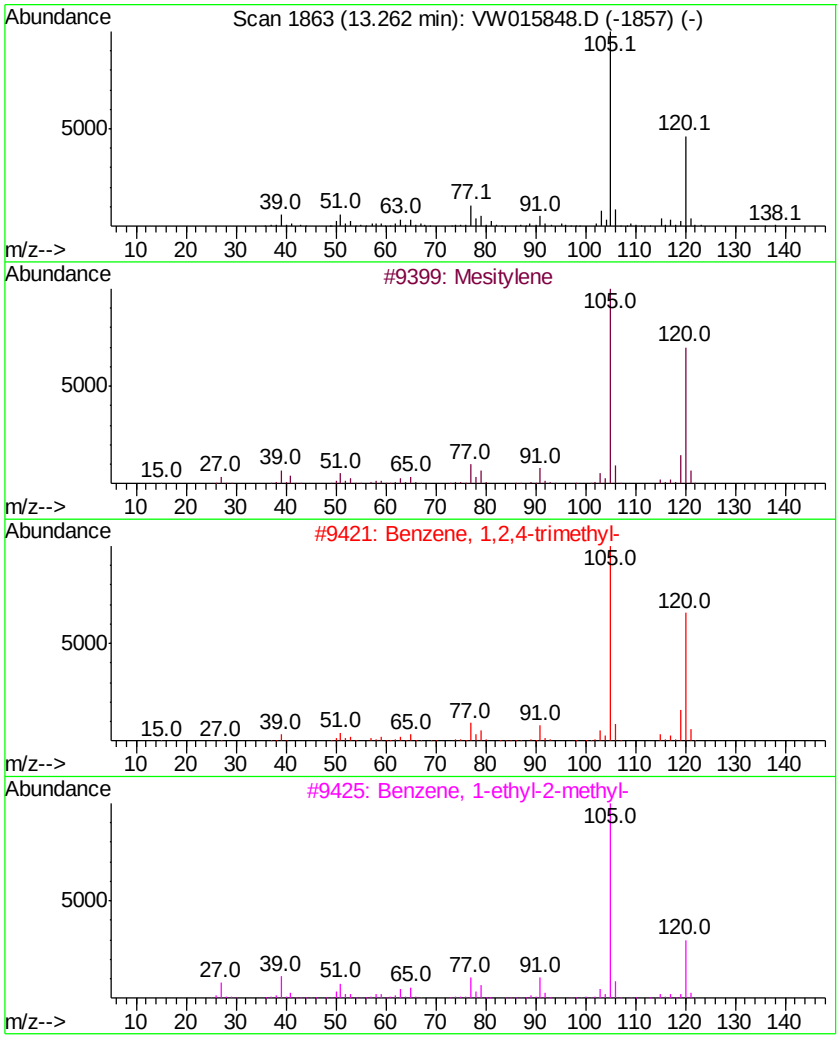
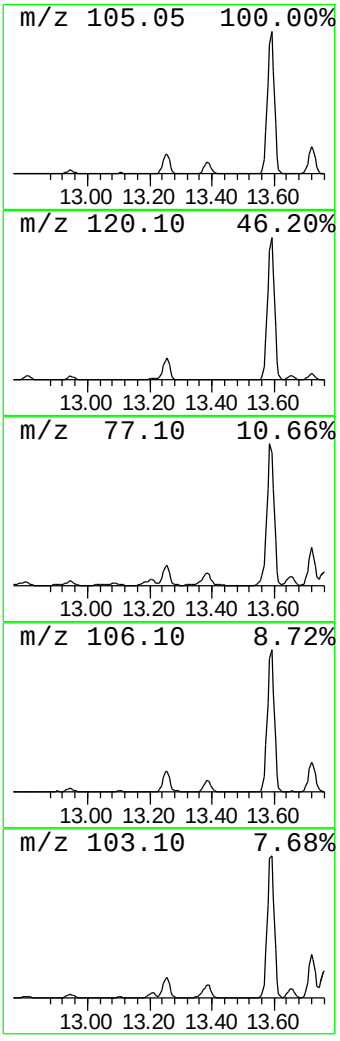
Peak Number 31 Mesitylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.87 ug/L	418885	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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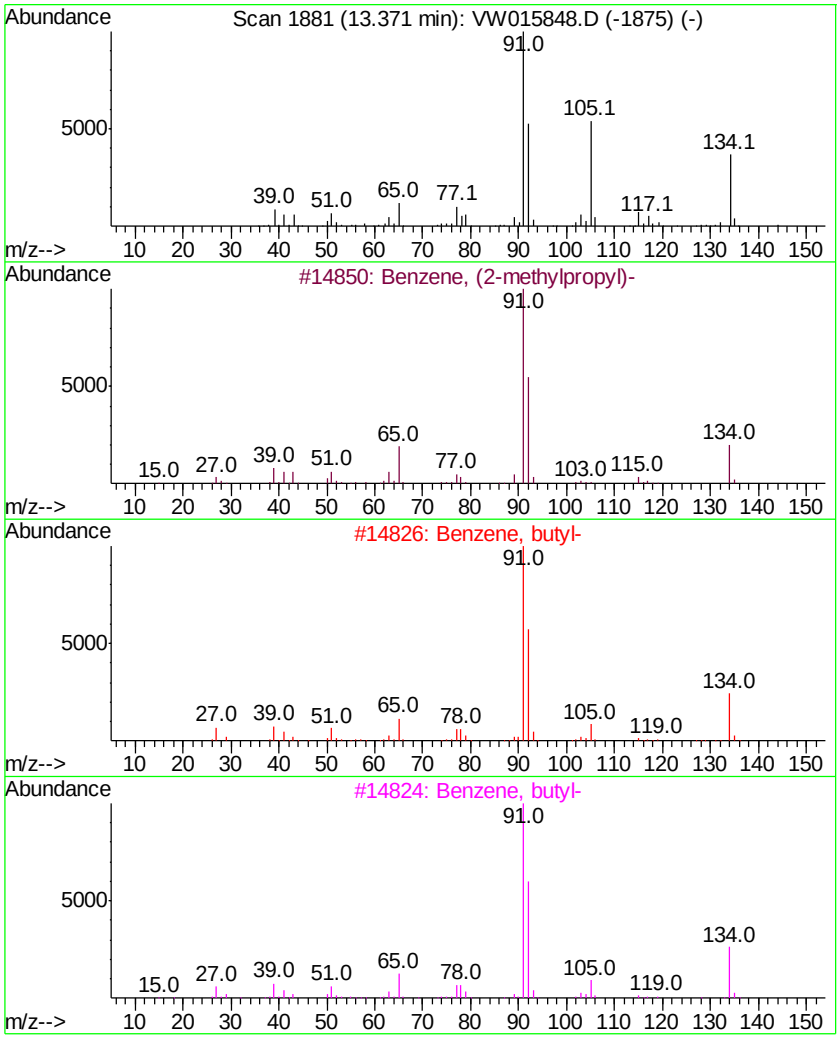
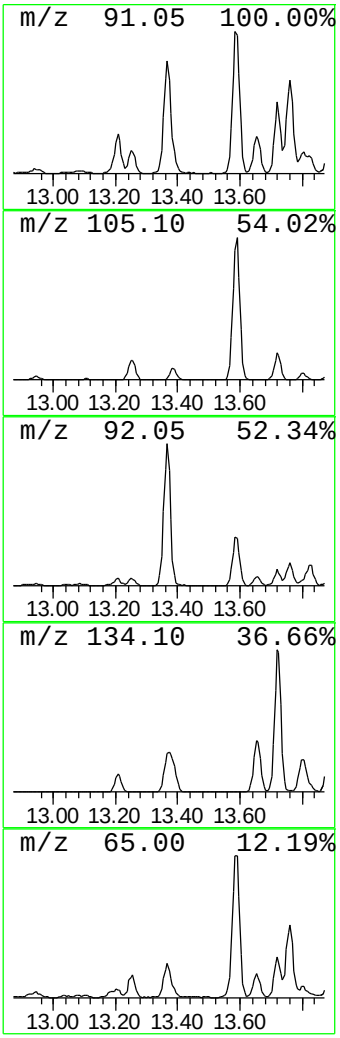
Peak Number 32 Benzene, (2-methylpropyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.76 ug/L	403126	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	74
2	Benzene, butyl-	134	C10H14	000104-51-8	72
3	Benzene, butyl-	134	C10H14	000104-51-8	64
4	Benzene, butyl-	134	C10H14	000104-51-8	64
5	Benzene, butyl-	134	C10H14	000104-51-8	64





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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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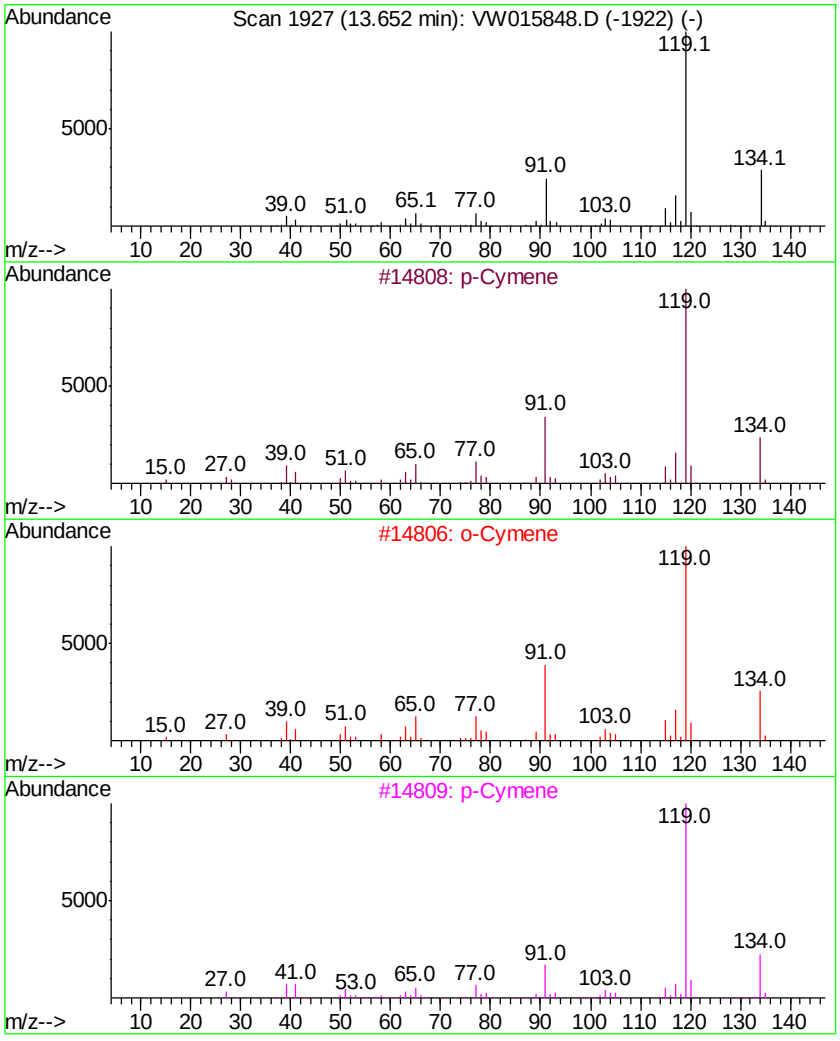
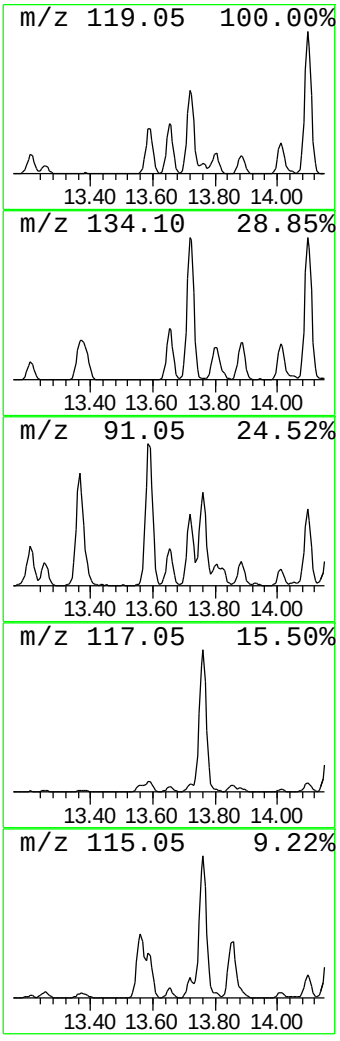
Peak Number 33 p-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.13 ug/L	311120	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	o-Cymene	134	C10H14	000527-84-4	91





Library Search Compound Report

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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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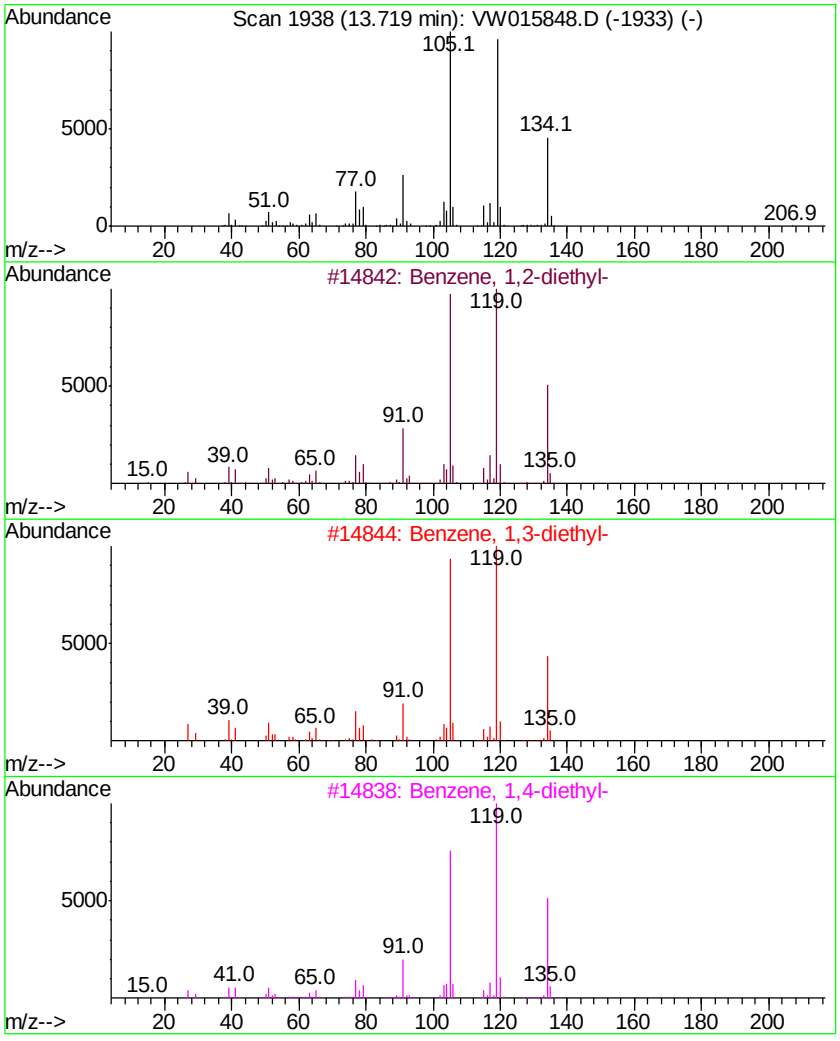
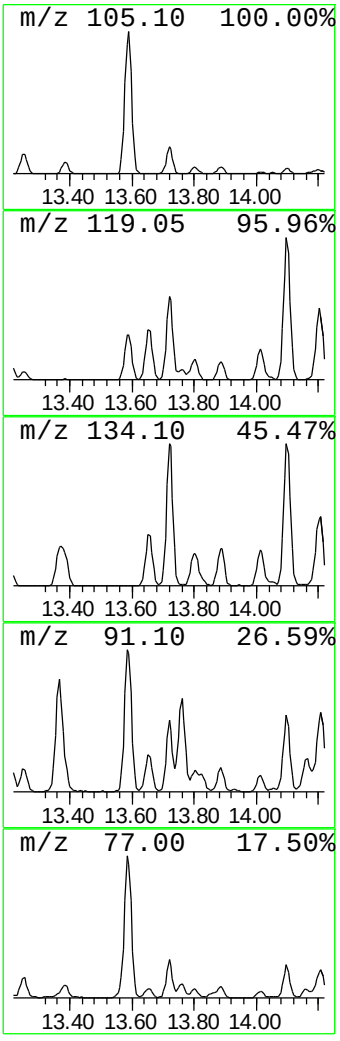
Peak Number 34 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.85 ug/L	855074	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95





Library Search Compound Report

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Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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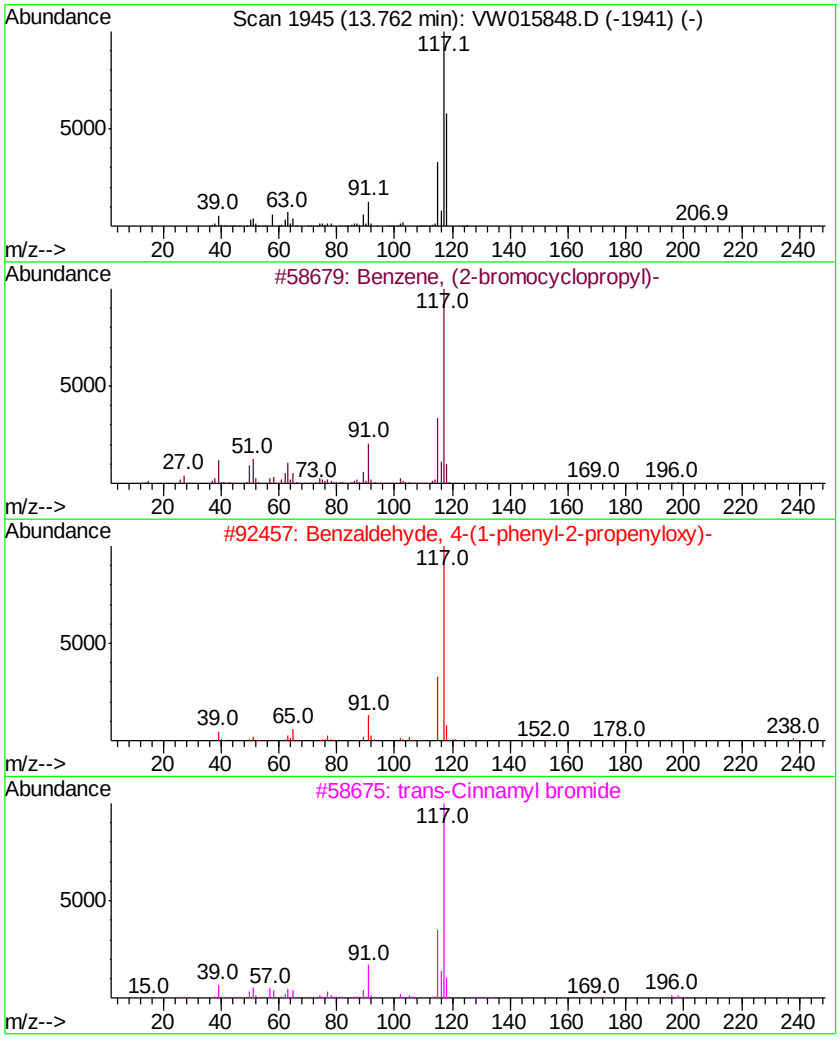
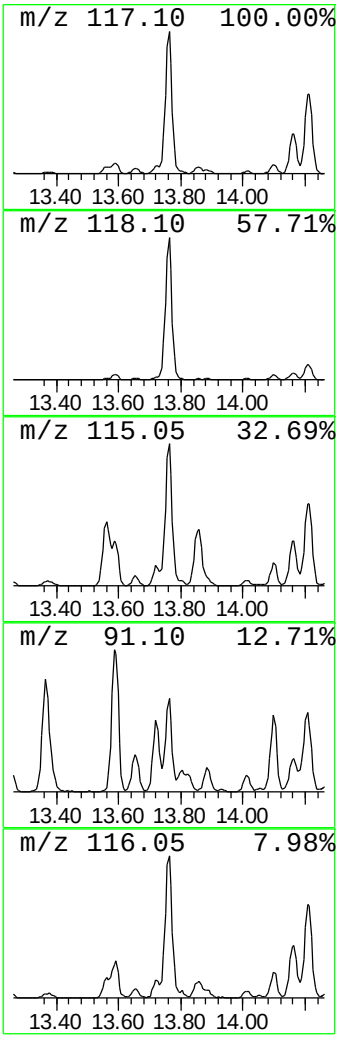
Peak Number 35 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.38 ug/L	1078730	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	40
5	Indole	117	C8H7N	000120-72-9	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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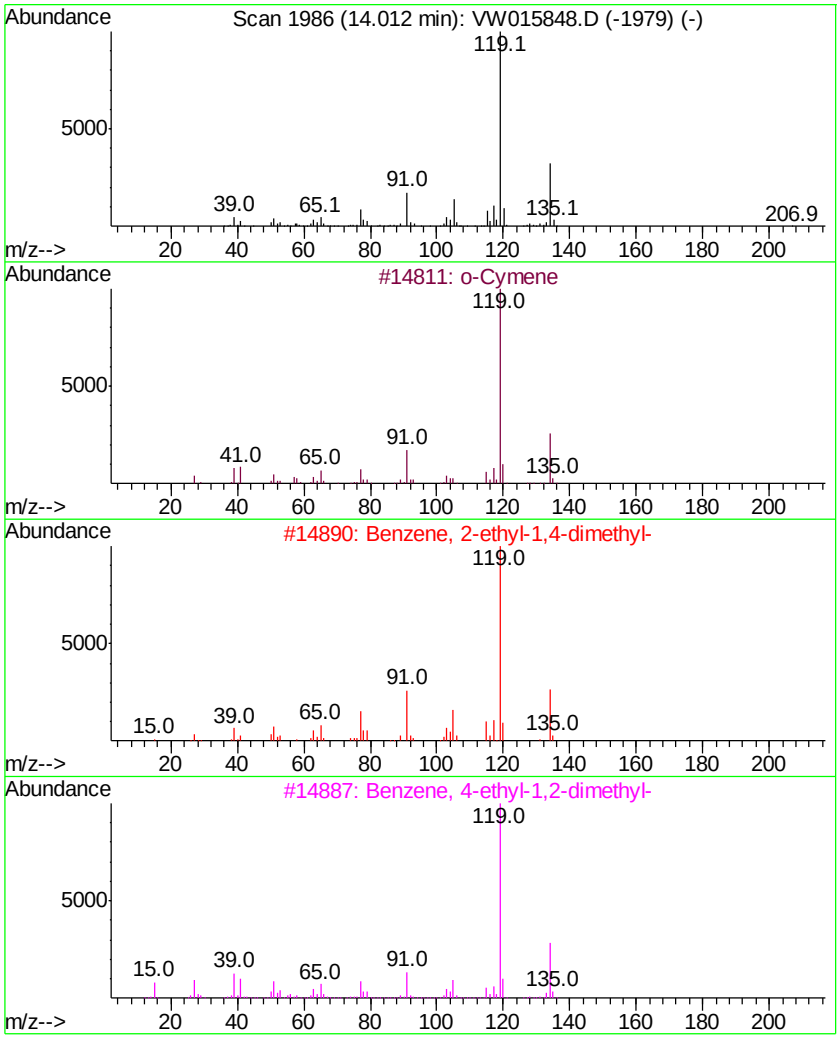
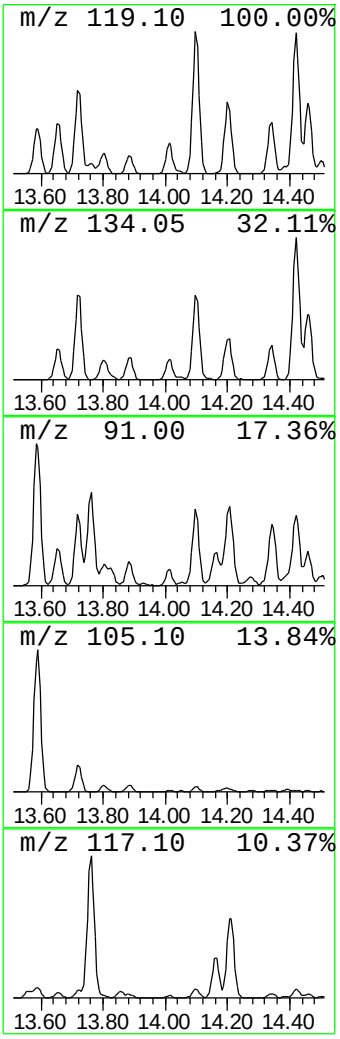
Peak Number 36 o-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	1.39 ug/L	203234	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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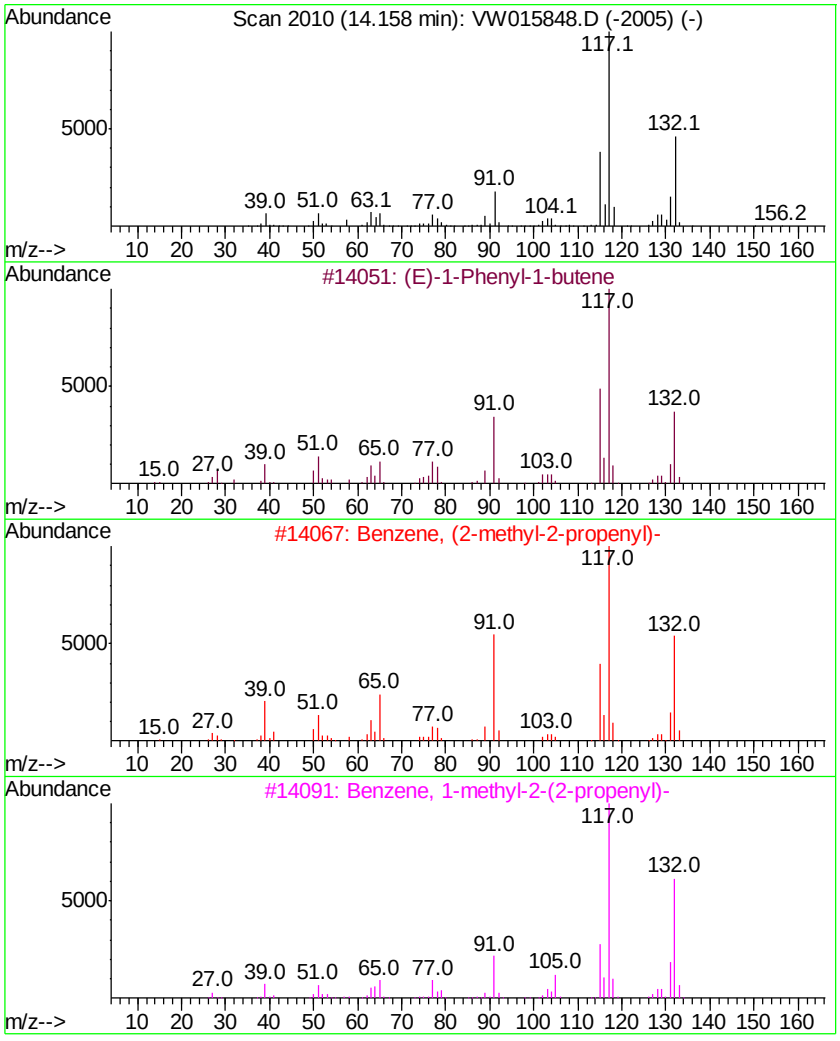
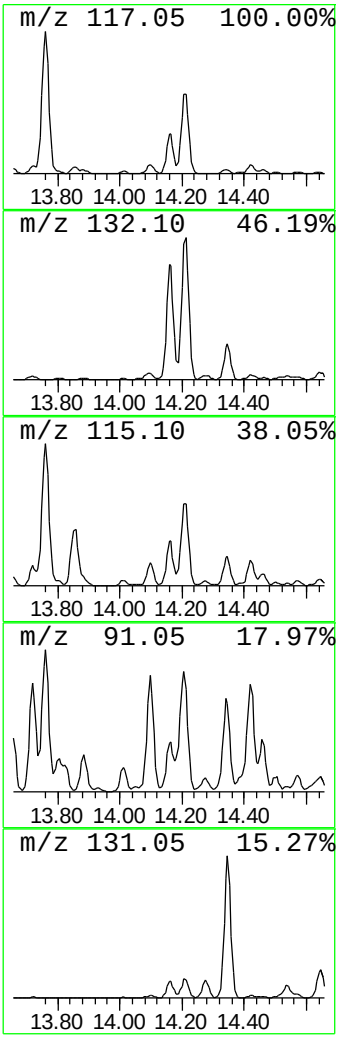
Peak Number 38 (E)-1-Phenyl-1-butene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.48 ug/L	508934	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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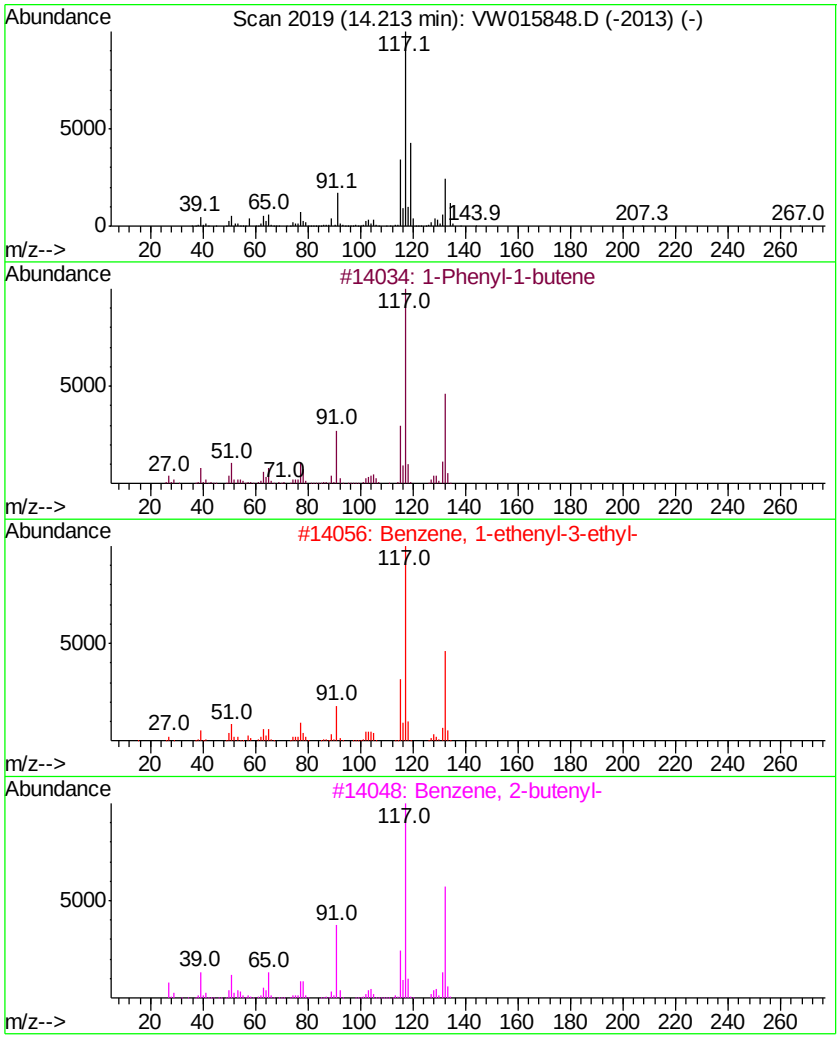
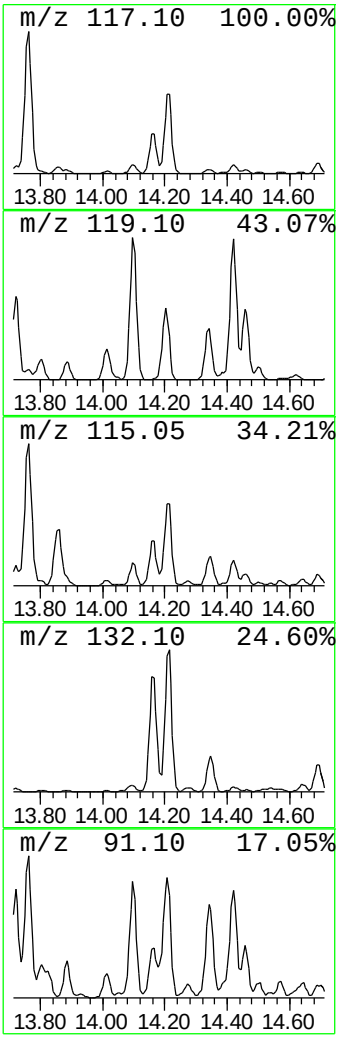
Peak Number 39 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.70 ug/L	1271570	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	58
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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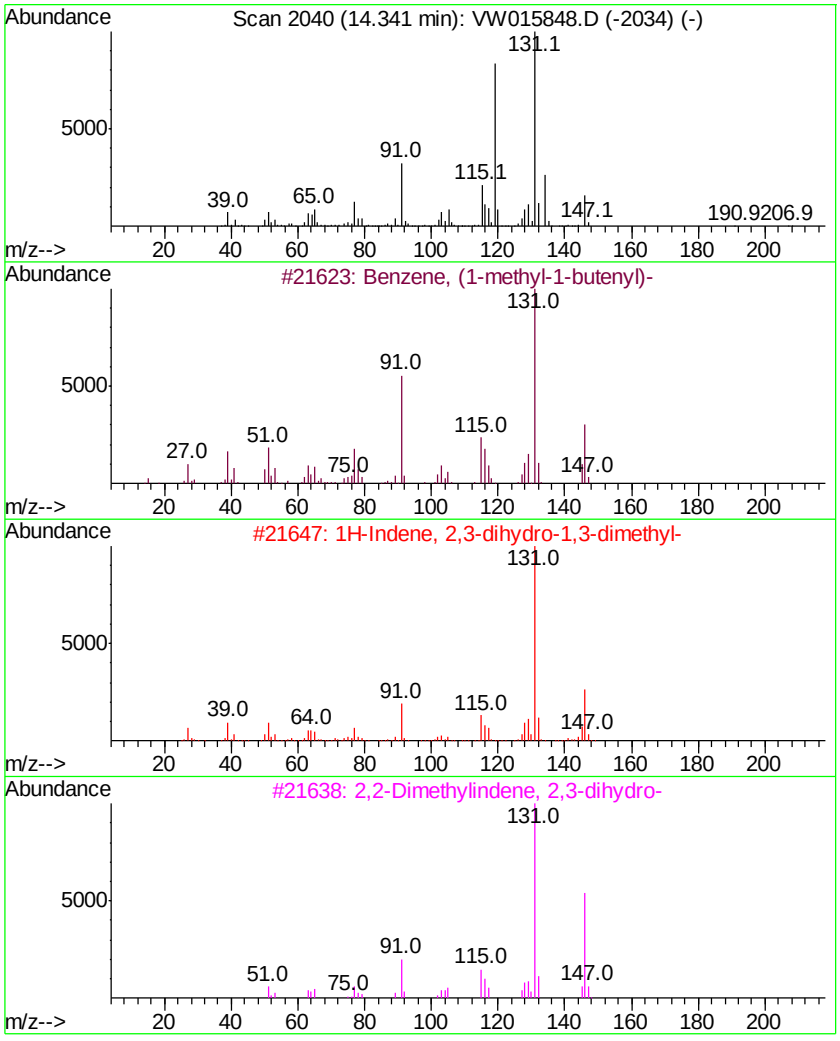
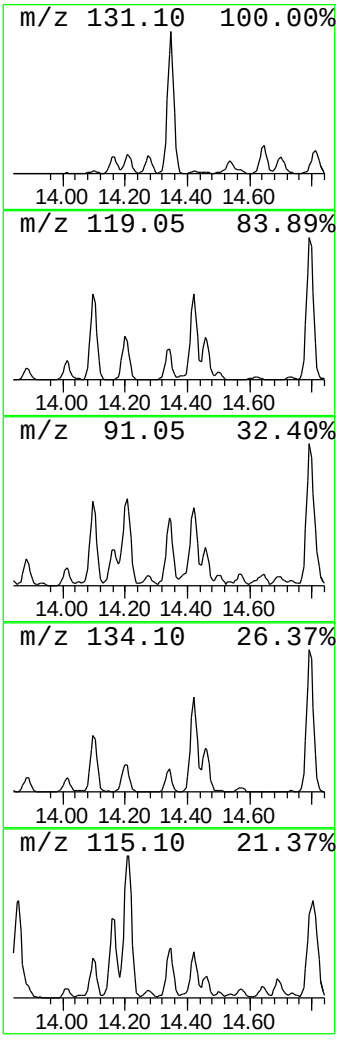
Peak Number 40 Benzene, (1-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.14 ug/L	751138	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	55
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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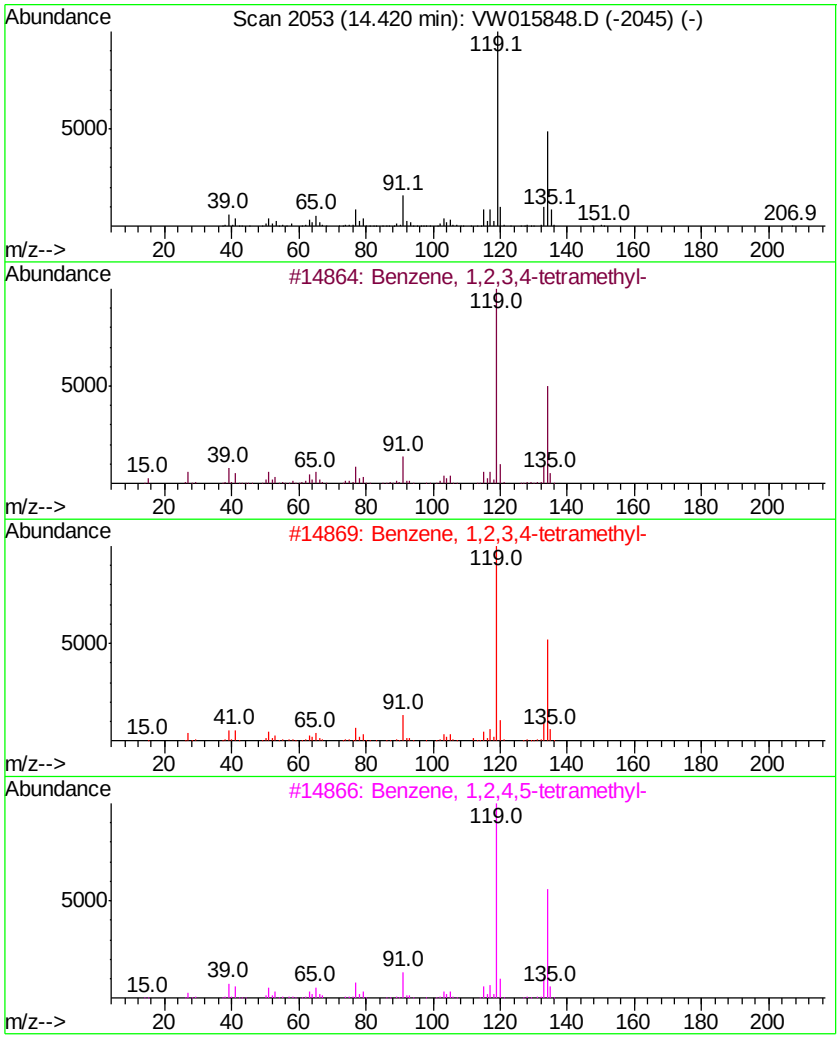
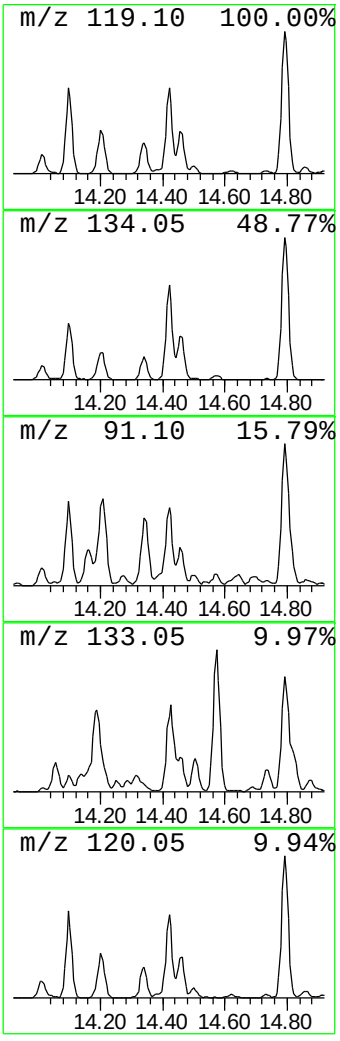
Peak Number 41 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	7.26 ug/L	1060050	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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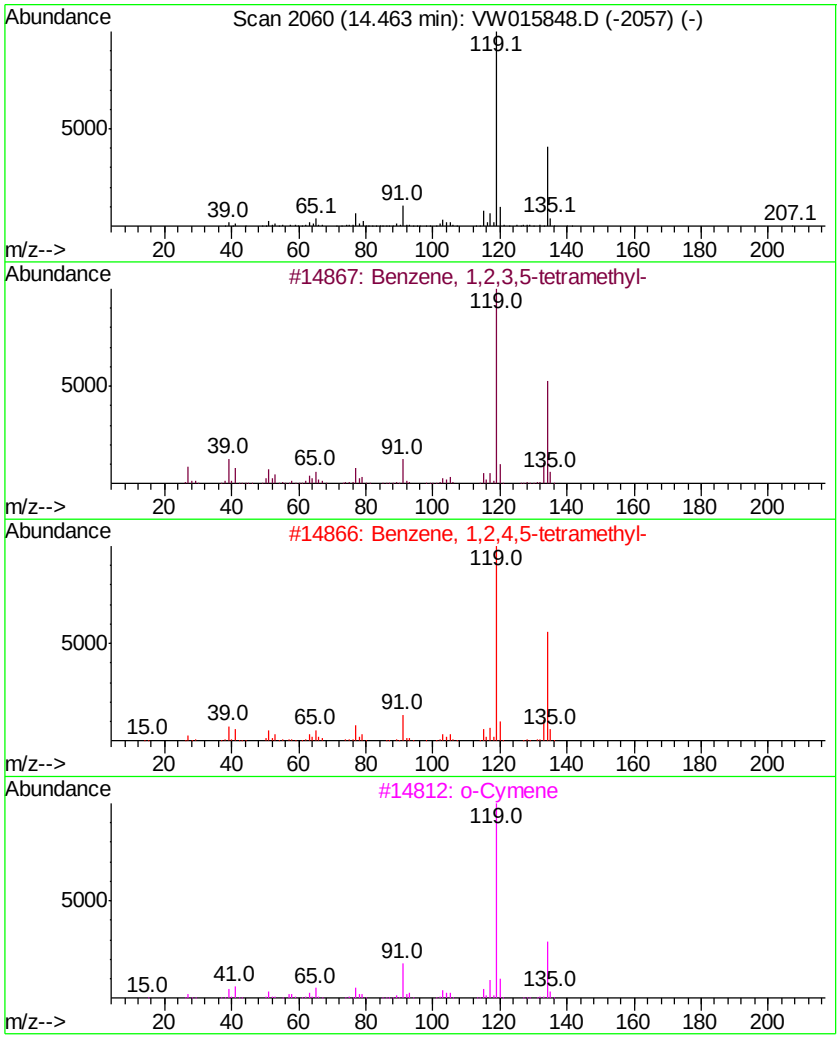
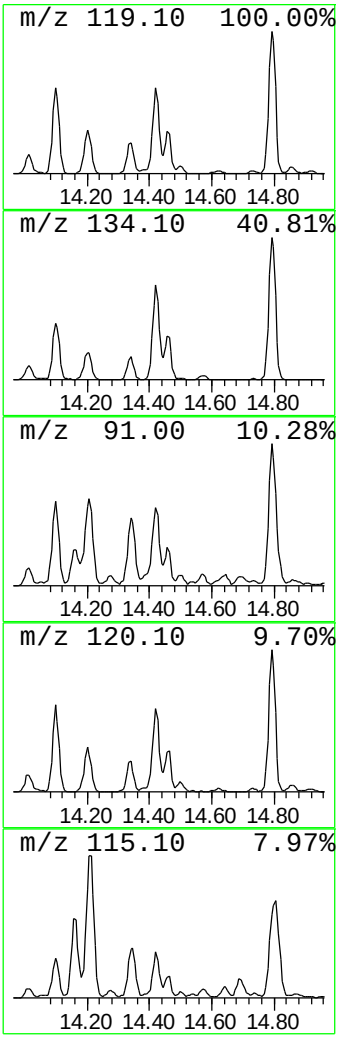
Peak Number 42 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.68 ug/L	392112	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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

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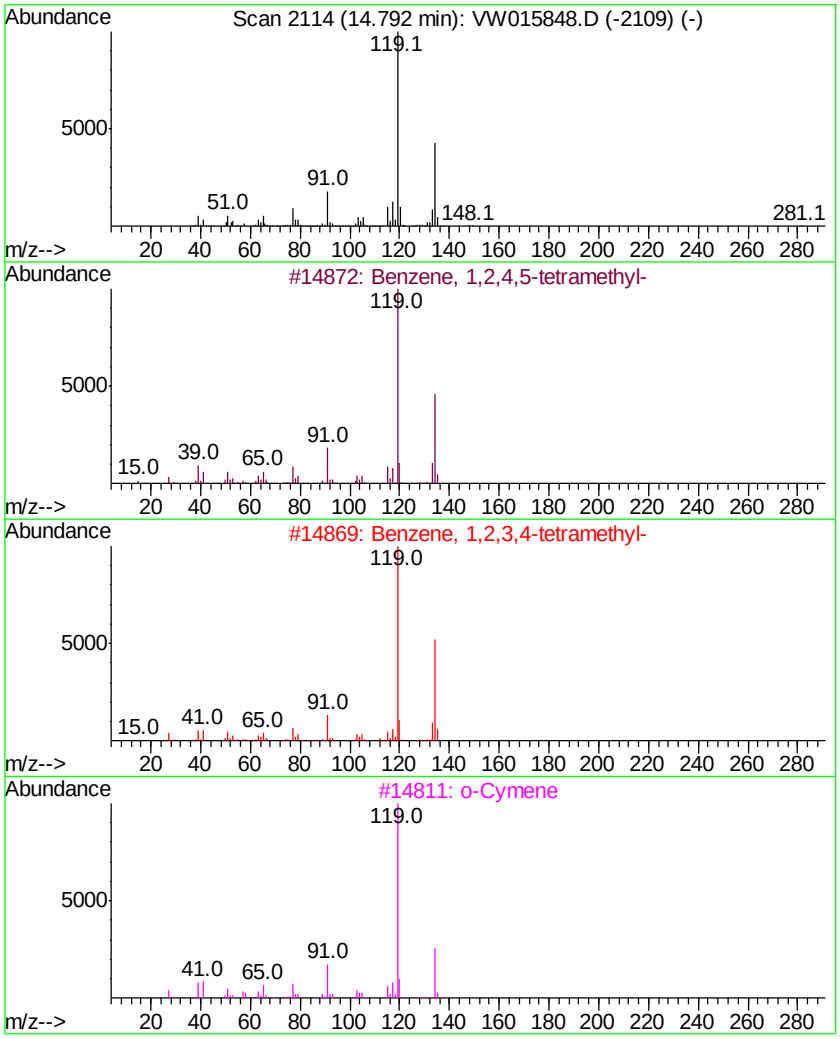
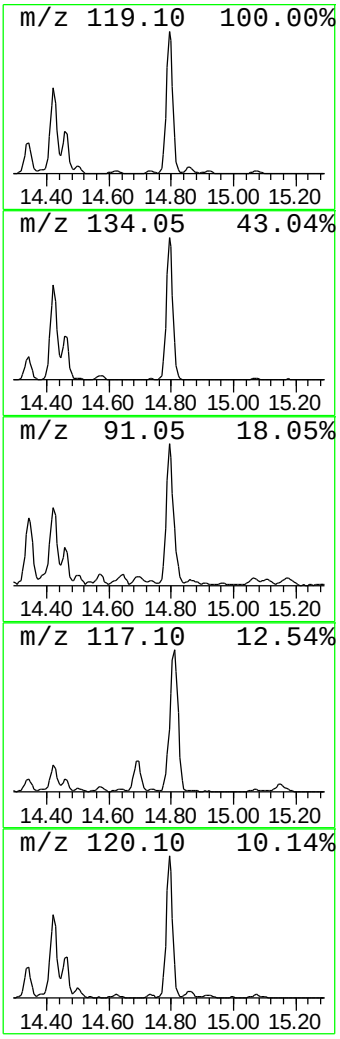
Peak Number 43 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	13.21 ug/L	1930700	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG069

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis

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...	8.03	1.7	ug/L	55939	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	8.44	4.0	ug/L	128587	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	8.51	3.2	ug/L	104028	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	8.58	2.9	ug/L	92049	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	9.61	8.4	ug/L	272496	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	9.76	10.2	ug/L	327393	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	10.09	3.1	ug/L	100915	1	8.85	806358	25.0
(DEL) Alkane: Cyc...	10.24	1.9	ug/L	71117	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	10.45	1.6	ug/L	59072	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	10.49	9.4	ug/L	358238	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	10.66	20.9	ug/L	795527	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	10.76	8.4	ug/L	317888	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	11.15	4.4	ug/L	167867	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	11.18	5.4	ug/L	206463	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	11.23	11.5	ug/L	438775	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	11.29	2.2	ug/L	83467	2	11.63	951008	25.0
(DEL) Alkane: Str...	11.33	1.8	ug/L	69602	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	11.44	4.5	ug/L	170055	2	11.63	951008	25.0
Pentalene, octahy...	11.73	5.8	ug/L	220615	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	11.77	1.9	ug/L	70446	2	11.63	951008	25.0
Bicyclo[3.2.1]octane	11.88	10.8	ug/L	408890	2	11.63	951008	25.0
Cyclohexene,3-pro...	12.04	3.8	ug/L	144344	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	12.14	6.0	ug/L	228902	2	11.63	951008	25.0
1-Undecyne	12.20	6.6	ug/L	249627	2	11.63	951008	25.0
(DEL) Alkane: Cyc...	12.30	3.0	ug/L	115535	2	11.63	951008	25.0
Cyclooctene, 3-me...	12.34	8.6	ug/L	328148	2	11.63	951008	25.0
unknown-01	12.80	1.7	ug/L	254794	3	13.56	3652520	25.0
Benzene, 1,2,3-tr...	12.94	1.5	ug/L	223348	3	13.56	3652520	25.0
Benzene, tert-butyl-	13.21	2.1	ug/L	308699	3	13.56	3652520	25.0
Mesitylene	13.26	2.9	ug/L	418885	3	13.56	3652520	25.0
Benzene, (2-methy...	13.37	2.8	ug/L	403126	3	13.56	3652520	25.0
p-Cymene	13.65	2.1	ug/L	311120	3	13.56	3652520	25.0
Benzene, 1,2-diet...	13.72	5.8	ug/L	855074	3	13.56	3652520	25.0
unknown-02	13.76	7.4	ug/L	1078730	3	13.56	3652520	25.0
o-Cymene	14.01	1.4	ug/L	203234	3	13.56	3652520	25.0
(E)-1-Phenyl-1-bu...	14.16	3.5	ug/L	508934	3	13.56	3652520	25.0
1-Phenyl-1-butene	14.21	8.7	ug/L	1271570	3	13.56	3652520	25.0
Benzene, (1-methy...	14.34	5.1	ug/L	751138	3	13.56	3652520	25.0
Benzene, 1,2,3,4-...	14.42	7.3	ug/L	1060050	3	13.56	3652520	25.0
Benzene, 1,2,3,5-...	14.46	2.7	ug/L	392112	3	13.56	3652520	25.0
Benzene, 1,2,4,5-...	14.79	13.2	ug/L	1930700	3	13.56	3652520	25.0