LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

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\SOM2WLM032520S.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	1.965	7	10	28	rVB3	82513	209434	15.52%	1.346%
2	2.172	39	44	50	rBV2	21443	34125	2.53%	0.219%
3	2.355	64	74	86	rBV	264342	532560	39.46%	3.422%
4	2.459	86	91	95	rBV2	15945	26795	1.99%	0.172%
5	2.574	106	110	117	rVB3	9837	18524	1.37%	0.119%
6	2.891	155	162	176	rVB	108546	276230	20.47%	1.775%
7	3.032	178	185	196	rVB2	39446	96340	7.14%	0.619%
8	3.306	223	230	234	rVV6	5253	10383	0.77%	0.067%
9	3.391	236	244	260	rVB2	185891	469112	34.76%	3.014%
10	3.592	269	277	288	rVB2	31577	80424	5.96%	0.517%
11	3.763	295	305	312	rVB5	10497	28482	2.11%	0.183%
12	3.855	312	320	332	rVB2	35110	93175	6.90%	0.599%
13	4.019	336	347	357	rBV	155622	455562	33.75%	2.927%
14	4.129	357	365	377	rVB	93245	252247	18.69%	1.621%
15	4.409	399	411	428	rVB5	15705	75062	5.56%	0.482%
16	4.769	459	470	471	rBV6	7834	15890	1.18%	0.102%
17	4.922	483	495	509	rBV4	38173	195775	14.51%	1.258%
18	5.434	570	579	593	rVB5	17867	66877	4.96%	0.430%
19	5.751	620	631	648	rBV5	14797	54969	4.07%	0.353%
20	5.940	652	662	676	rBV3	83592	248568	18.42%	1.597%
21	6.104	682	689	699	rVB5	8721	25114	1.86%	0.161%
22	6.226	699	709	710	rBV3	14742	28632	2.12%	0.184%
23	6.287	711	719	733	rVB2	91176	274481	20.34%	1.764%
24	6.574	755	766	777	rVB9	5141	22461	1.66%	0.144%
25	6.726	782	791	797	rBV6	8833	25536	1.89%	0.164%
26	6.982	825	833	840	rBV7	8509	22812	1.69%	0.147%
27	7.080	841	849	857	rVV	49972	145266	10.76%	0.933%
28	7.171	857	864	876	rVB	50974	146866	10.88%	0.944%
29	7.506	908	919	931	rBV4	8528	26558	1.97%	0.171%
30	7.647	931	942	958	rBV	230561	603369	44.71%	3.877%
31	7.921	981	987	999	rBV4	19907	63847	4.73%	0.410%
32	8.037	999	1006	1015	rVB6	13221	39248	2.91%	0.252%
33	8.153	1017	1025	1033	rBV2	38641	91156	6.75%	0.586%
34	8.275	1035	1045	1061	rBV2	414904	1349656	100.00%	8.672%

LSC Area Percent Report

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Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

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\SOM2WLM032520S.M
Title : VOC Analysis

35	8.421	1064	1069	1071	rBV5	5055	8628	0.64%	0.055%
36	8.525	1081	1086	1092	rVB4	6361	11584	0.86%	0.074%
37	8.695	1104	1114	1127	rVB2	91697	213357	15.81%	1.371%
38	8.842	1128	1138	1156	rBV	362172	763940	56.60%	4.909%
39	9.000	1158	1164	1168	rBV3	7692	14134	1.05%	0.091%
40	9.067	1171	1175	1181	rBV5	6727	15769	1.17%	0.101%
41	9.274	1198	1209	1223	rBV2	334055	719731	53.33%	4.625%
42	9.518	1242	1249	1257	rVB6	7929	18345	1.36%	0.118%
43	9.597	1257	1262	1268	rBV8	3974	9677	0.72%	0.062%
44	9.750	1282	1287	1292	rBV9	5146	9372	0.69%	0.060%
45	9.908	1308	1313	1316	rVB4	7273	10563	0.78%	0.068%
46	9.957	1316	1321	1325	rBV5	15594	28438	2.11%	0.183%
47	10.036	1328	1334	1340	rBV	125064	219540	16.27%	1.411%
48	10.091	1340	1343	1346	rBV3	12947	17417	1.29%	0.112%
49	10.207	1356	1362	1371	rBV	170760	307999	22.82%	1.979%
50	10.323	1373	1381	1386	rVV	342292	619876	45.93%	3.983%
51	10.384	1386	1391	1403	rVB	194512	369129	27.35%	2.372%
52	10.506	1403	1411	1417	rBV	678086	1085664	80.44%	6.976%
53	10.573	1417	1422	1428	rVV2	114002	211830	15.70%	1.361%
54	10.622	1428	1430	1434	rVV3	11722	14353	1.06%	0.092%
55	10.701	1437	1443	1446	rVV6	7398	13403	0.99%	0.086%
56	10.847	1465	1467	1473	rVB6	5304	9073	0.67%	0.058%
57	10.927	1473	1480	1492	rBV	170432	330865	24.51%	2.126%
58	11.189	1518	1523	1525	rBV5	6793	12404	0.92%	0.080%
59	11.292	1534	1540	1544	rVB4	5430	9716	0.72%	0.062%
60	11.408	1551	1559	1562	rBV7	7916	16649	1.23%	0.107%
61	11.512	1572	1576	1585	rVB5	6600	16070	1.19%	0.103%
62	11.628	1585	1595	1606	rBV	249620	468819	34.74%	3.012%
63	11.725	1606	1611	1619	rBV3	32968	59040	4.37%	0.379%
64	11.835	1621	1629	1641	rVB2	54046	129656	9.61%	0.833%
65	12.164	1673	1683	1690	rVB4	21061	47005	3.48%	0.302%
66	12.237	1690	1695	1701	rVB3	10523	19966	1.48%	0.128%
67	12.365	1701	1716	1723	rBV2	41694	100125	7.42%	0.643%
68	12.469	1724	1733	1740	rBV	361022	608634	45.10%	3.911%
69	12.652	1759	1763	1765	rBV2	22857	35784	2.65%	0.230%
70	12.719	1765	1774	1782	rVV2	294909	679493	50.35%	4.366%
71	12.810	1785	1789	1793	rVB4	12372	21177	1.57%	0.136%

LSC Area Percent Report

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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

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\SOM2WLM032520S.M
Title : VOC Analysis

72	12.865	1794	1798	1801	rBV3	8561	13046	0.97%	0.084%
73	12.932	1805	1809	1818	rVV6	24950	56459	4.18%	0.363%
74	13.024	1818	1824	1842	rVB2	195538	409831	30.37%	2.633%
75	13.176	1844	1849	1852	rVV2	74564	118856	8.81%	0.764%
76	13.213	1852	1855	1858	rVV3	32260	50723	3.76%	0.326%
77	13.274	1858	1865	1873	rVB5	62205	159277	11.80%	1.023%
78	13.383	1875	1883	1889	rVB	43300	89438	6.63%	0.575%
79	13.469	1889	1897	1898	rBV	140282	190036	14.08%	1.221%
80	13.493	1898	1901	1906	rVV	255189	411704	30.50%	2.645%
81	13.554	1906	1911	1917	rVV	107957	185620	13.75%	1.193%
82	13.615	1917	1921	1924	rVV5	12221	22652	1.68%	0.146%
83	13.652	1924	1927	1932	rVB5	13788	21498	1.59%	0.138%
84	13.713	1932	1937	1940	rBV	48613	72300	5.36%	0.465%
85	13.749	1940	1943	1948	rVB7	13833	18794	1.39%	0.121%
86	13.853	1952	1960	1968	rVB	84580	155738	11.54%	1.001%
87	13.963	1972	1978	1982	rBV3	16202	31233	2.31%	0.201%
88	13.999	1982	1984	1989	rVB6	6923	9569	0.71%	0.061%
89	14.152	2003	2009	2012	rBV7	3873	9341	0.69%	0.060%
90	14.219	2017	2020	2028	rVB6	6423	14005	1.04%	0.090%
91	14.328	2033	2038	2045	rBV10	7824	17608	1.30%	0.113%
92	14.426	2049	2054	2058	rBV6	6316	14185	1.05%	0.091%
93	14.584	2075	2080	2084	rVV7	4460	8662	0.64%	0.056%
94	14.798	2110	2115	2121	rVB9	5957	13078	0.97%	0.084%
95	14.914	2129	2134	2138	rVB6	5237	9400	0.70%	0.060%
96	15.005	2143	2149	2152	rBV7	5204	9498	0.70%	0.061%
97	15.072	2154	2160	2164	rBV4	24393	46846	3.47%	0.301%
98	15.127	2166	2169	2174	rVB6	7858	13585	1.01%	0.087%
99	15.474	2222	2226	2233	rVB8	7309	16899	1.25%	0.109%
100	15.712	2259	2265	2271	rBV8	9759	20094	1.49%	0.129%

Sum of corrected areas: 15562736

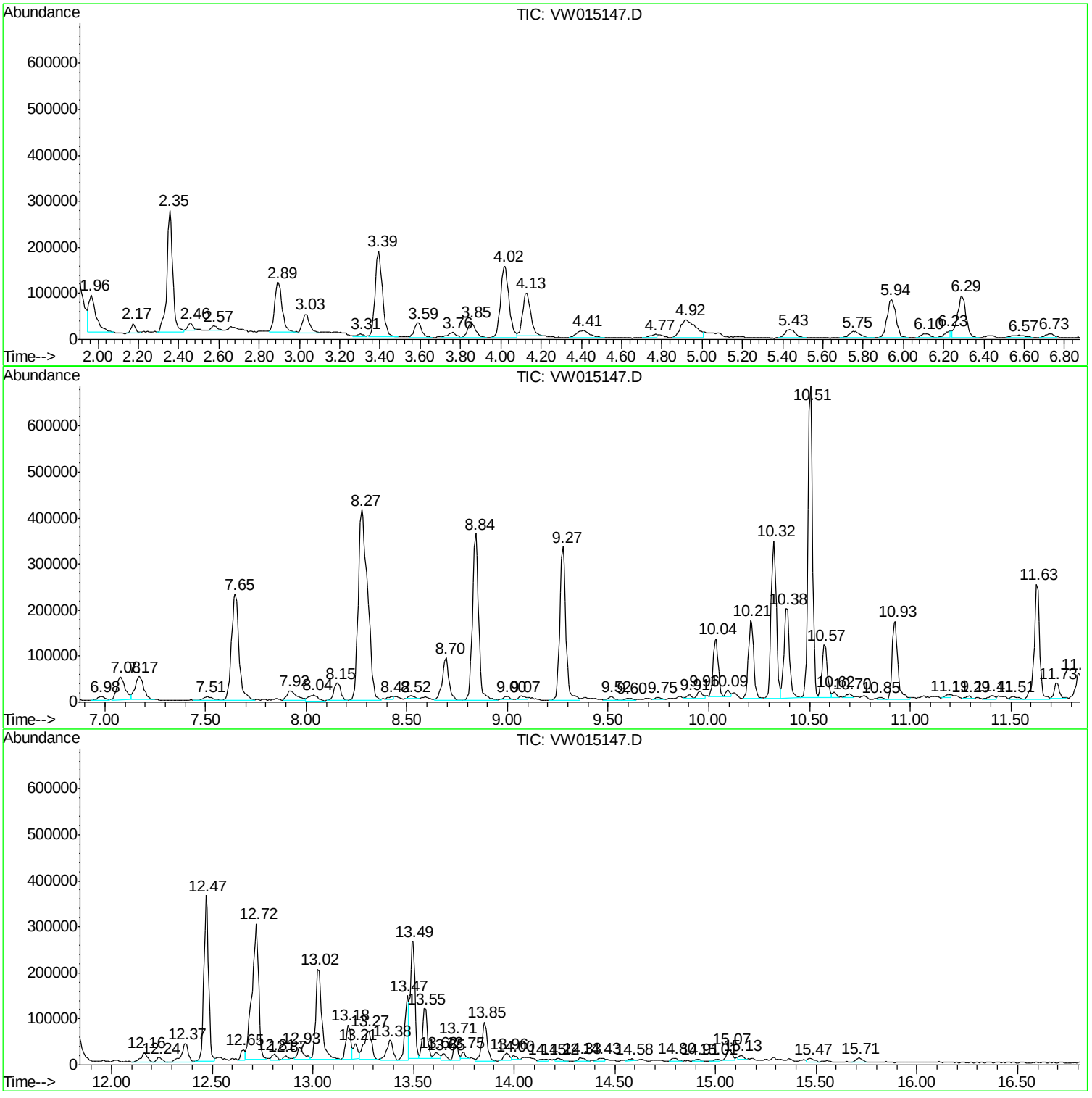
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

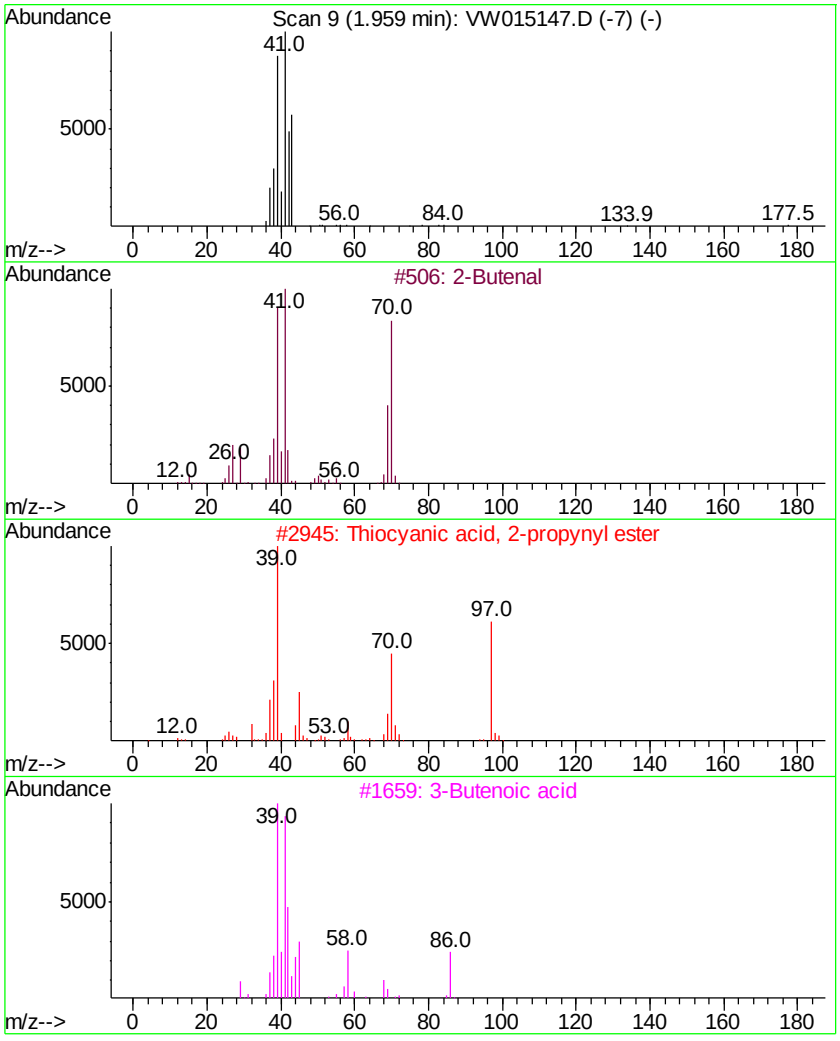
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

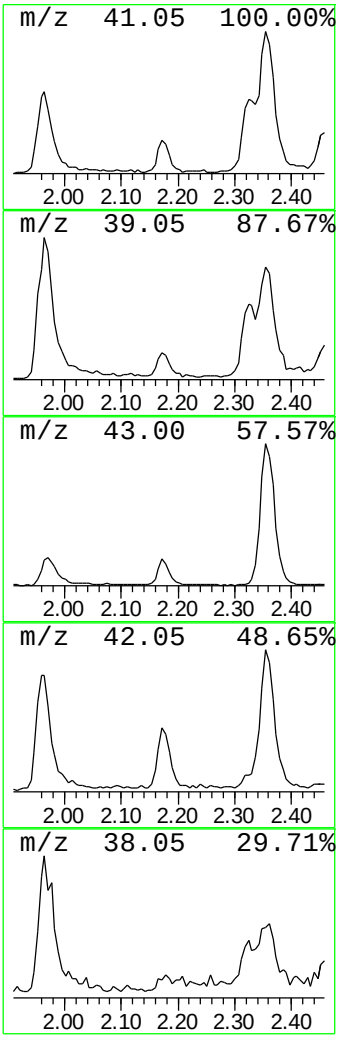
****

Peak Number 1 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	6.85 ug/L	209434	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal	70	C4H6O	004170-30-3	40
2	Thiocyanic acid, 2-propynyl ester	97	C4H3NS	024309-48-6	39
3	3-Butenoic acid	86	C4H6O2	000625-38-7	39
4	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9
5	2-Penten-4-yne, 2-methyl-	80	C6H8	001595-53-5	9





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

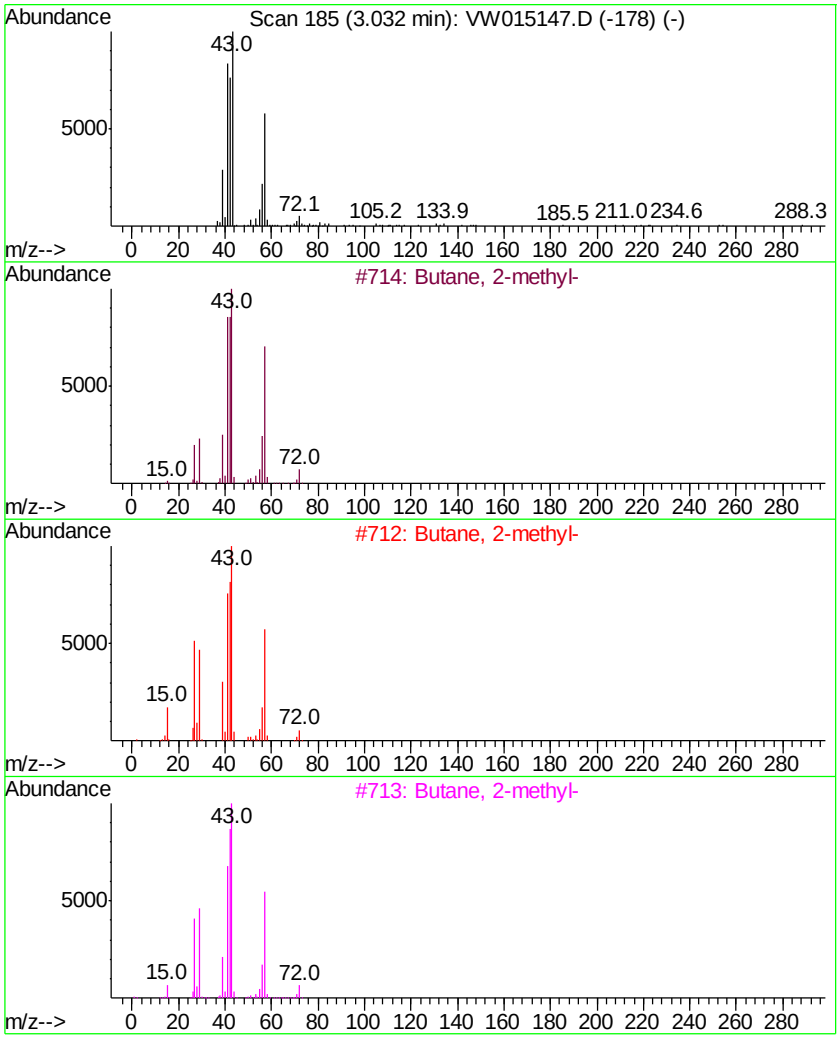
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

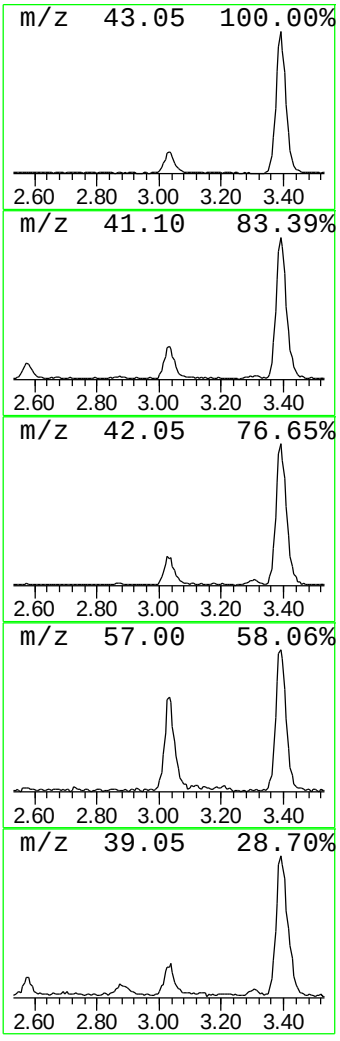
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	3.15 ug/L	96340	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	64
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5	Butane, 1-isocyano-	83	C5H9N	002769-64-4	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

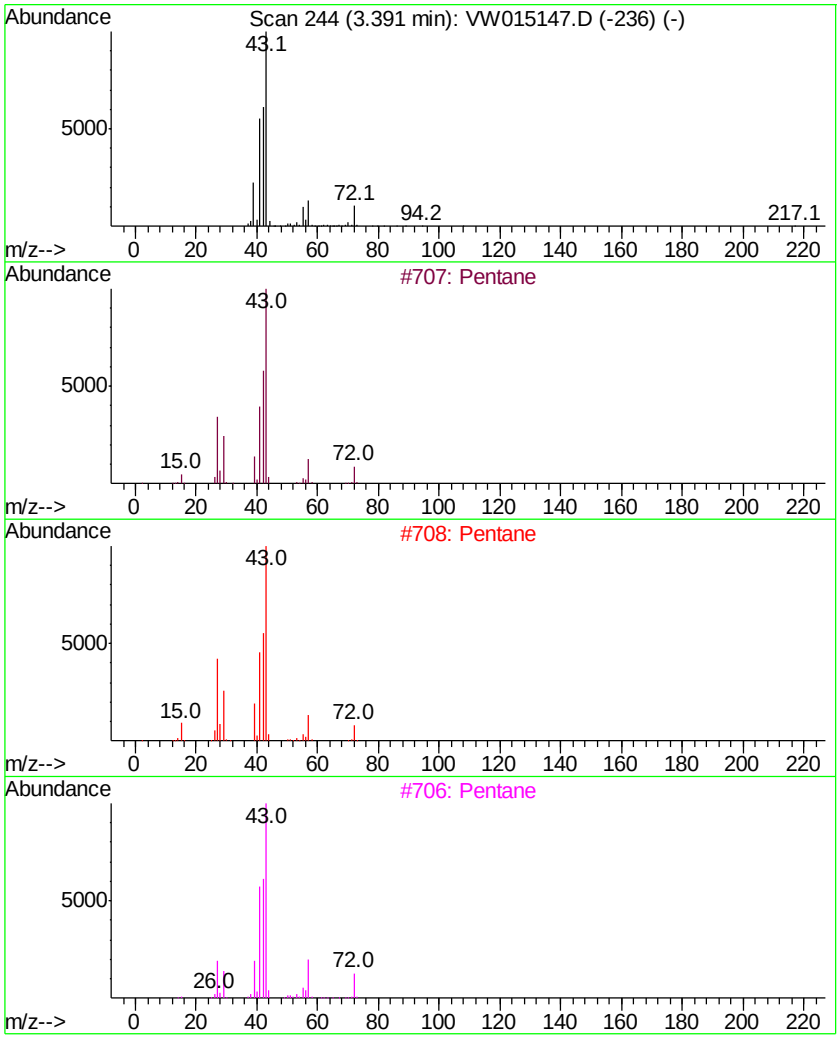
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

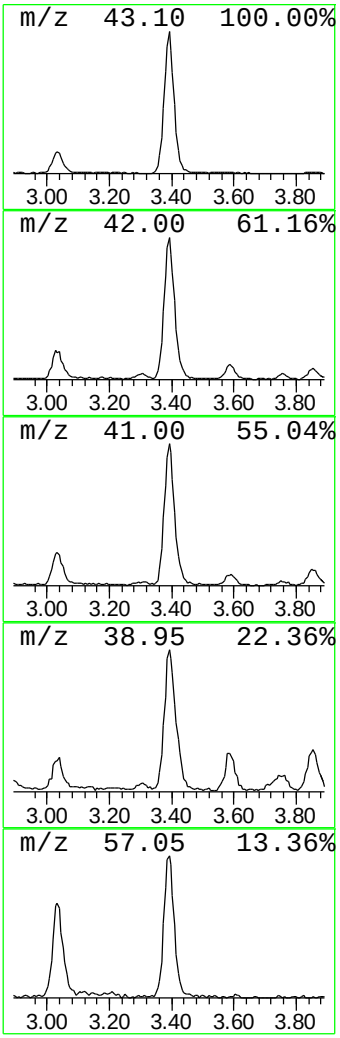
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	15.35 ug/L	469112	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	64
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	37





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

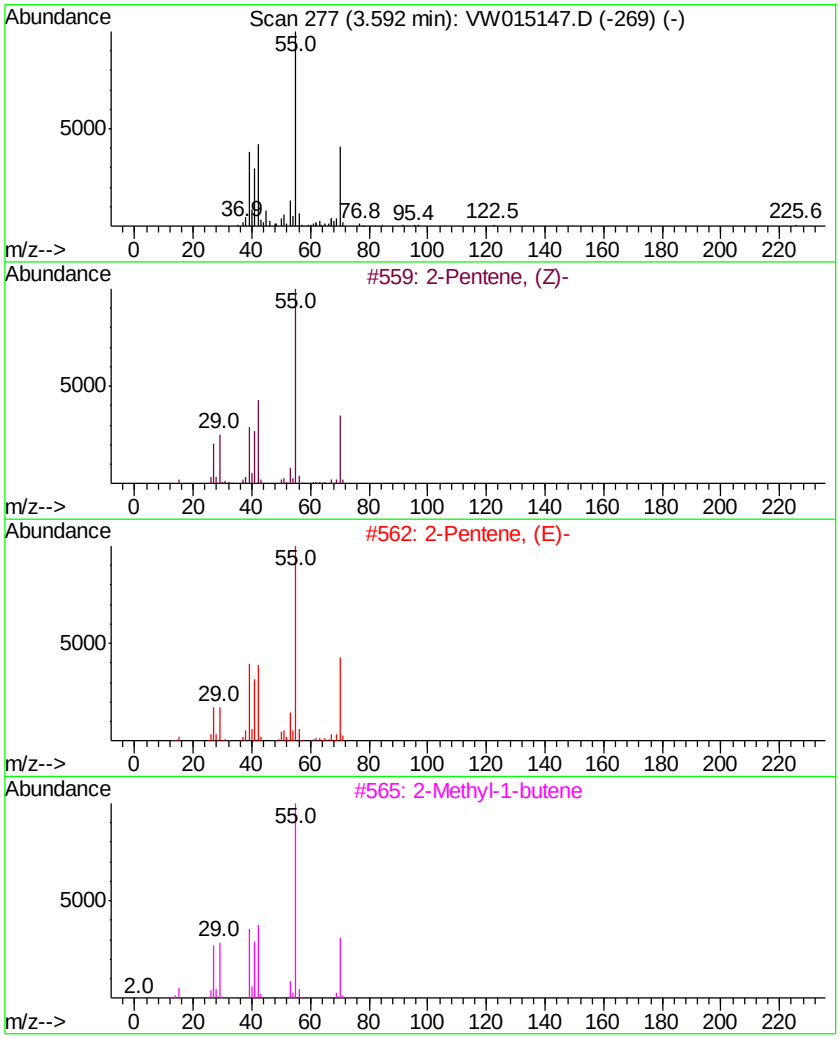
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

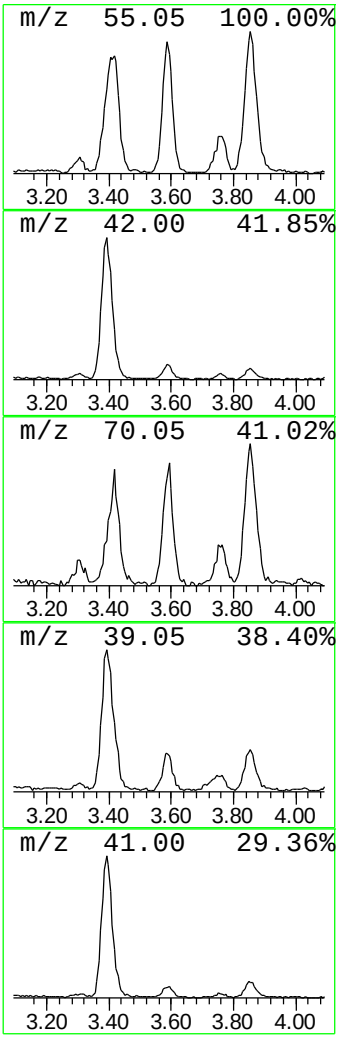
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	2.63 ug/L	80424	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

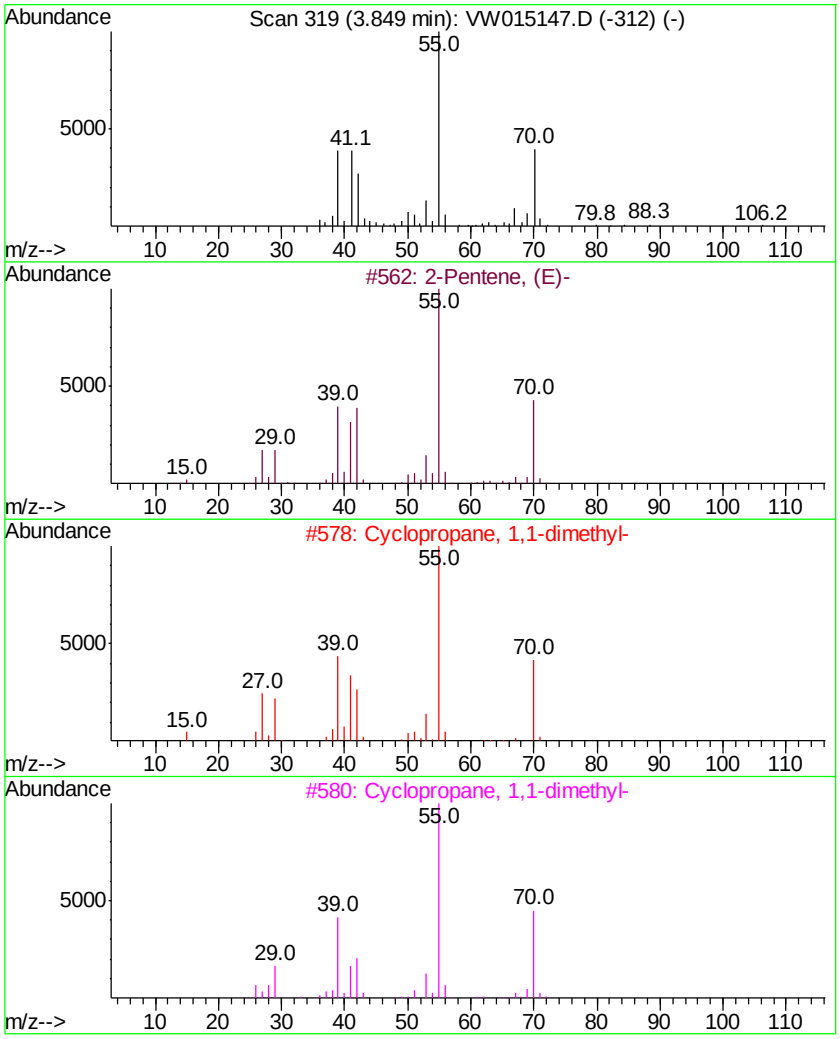
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

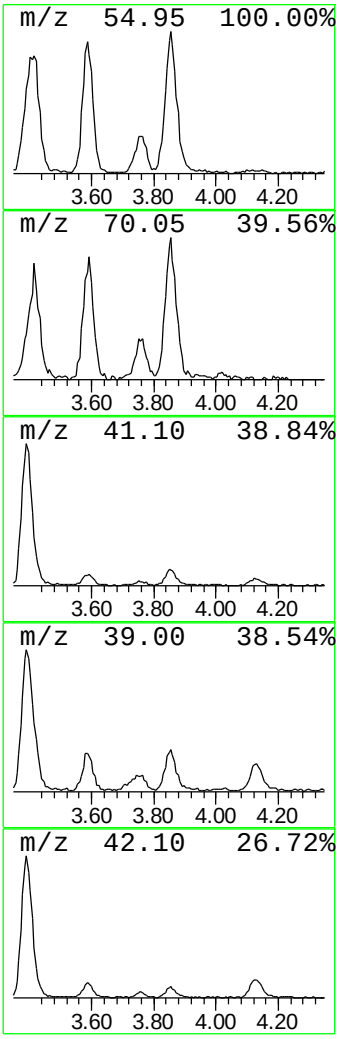
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	3.05 ug/L	93175	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	87
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

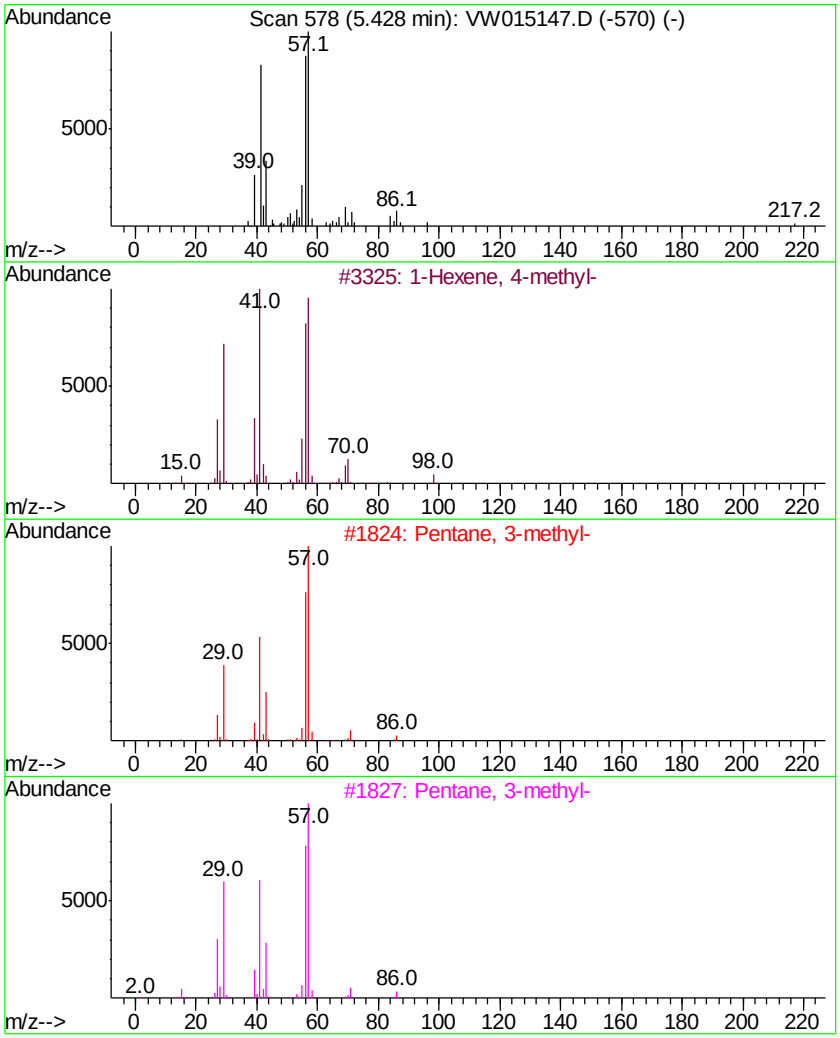
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

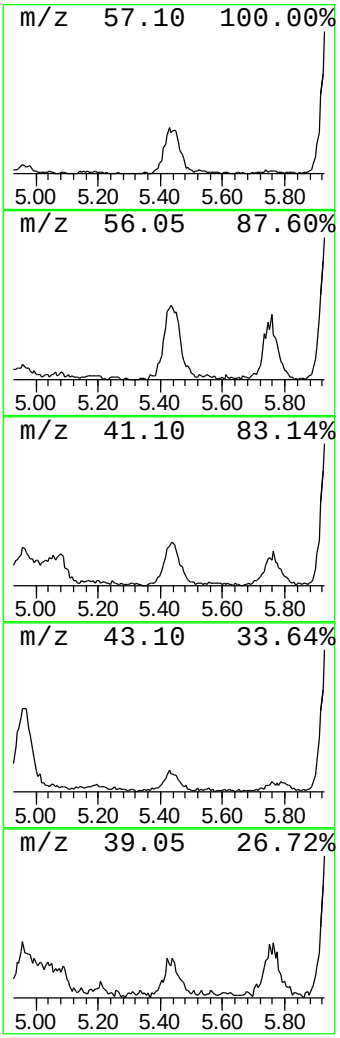
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.19 ug/L	66877	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	72
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	59
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	59
4	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	50





Library Search Compound Report

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Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

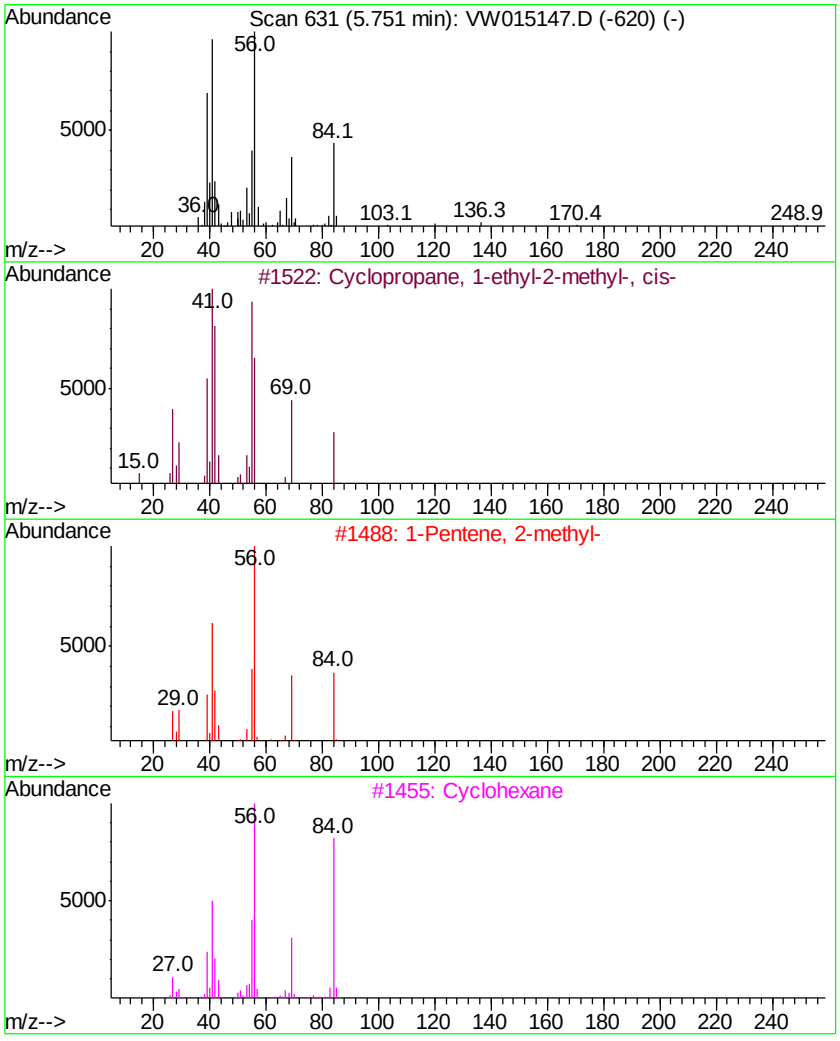
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

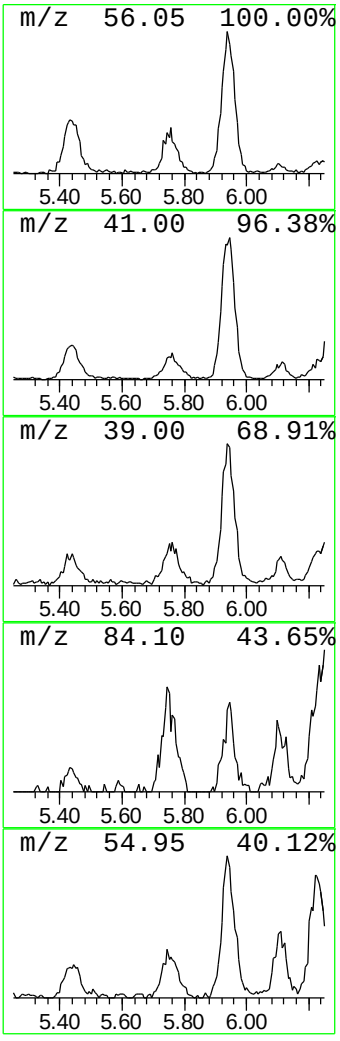
****

Peak Number 7 (DEL) Alkane: Cyclic5.75 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	1.80 ug/L	54969	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	72
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	52
3	Cyclohexane	84	C6H12	000110-82-7	50
4	1-Butene	56	C4H8	000106-98-9	50
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	47





Library Search Compound Report

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Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

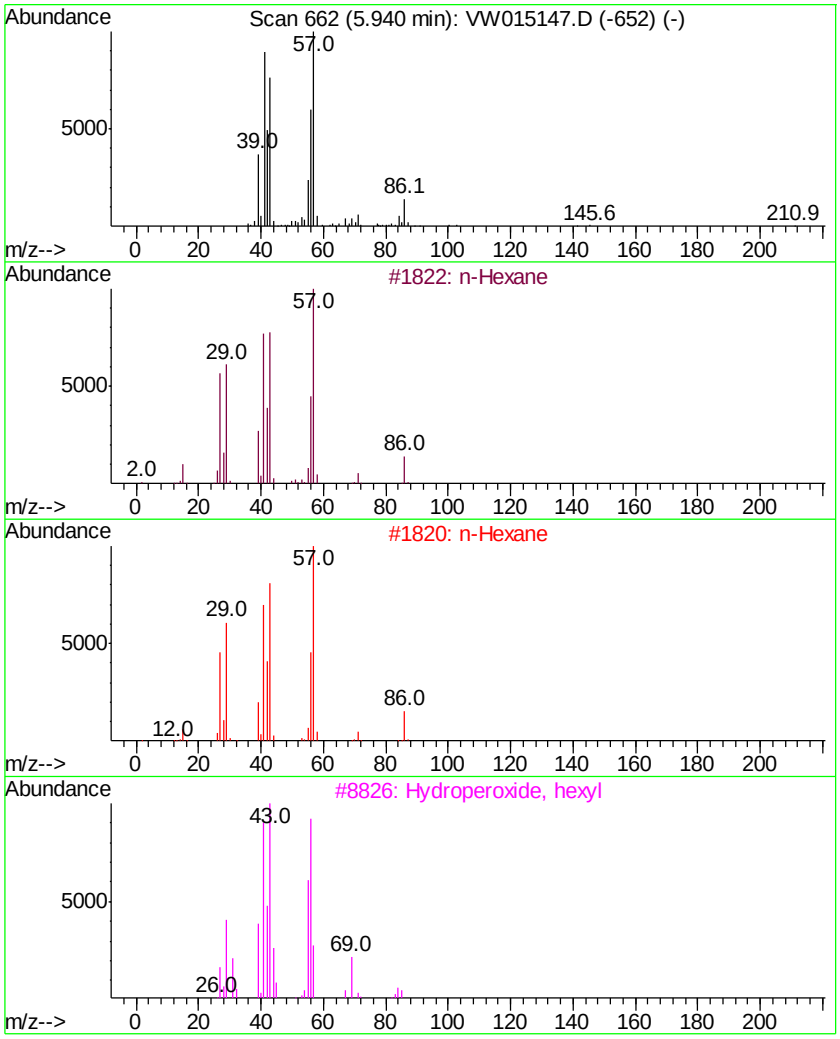
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

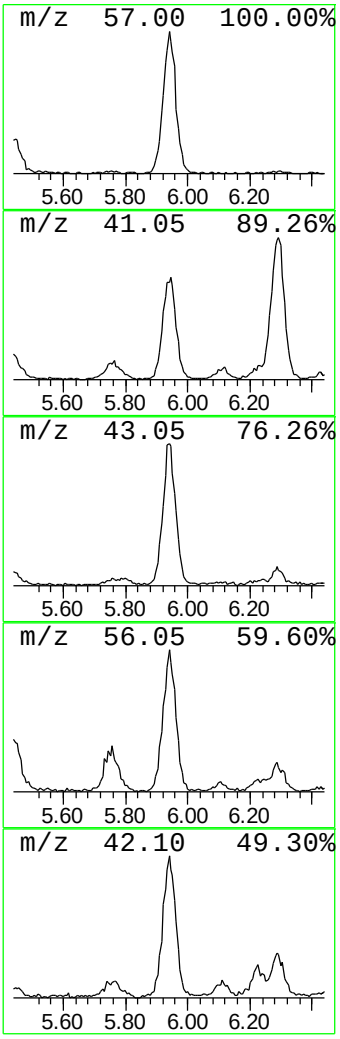
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	8.13 ug/L	248568	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	87
2	n-Hexane	86	C6H14	000110-54-3	86
3	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	42
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
5	n-Hexane	86	C6H14	000110-54-3	35





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

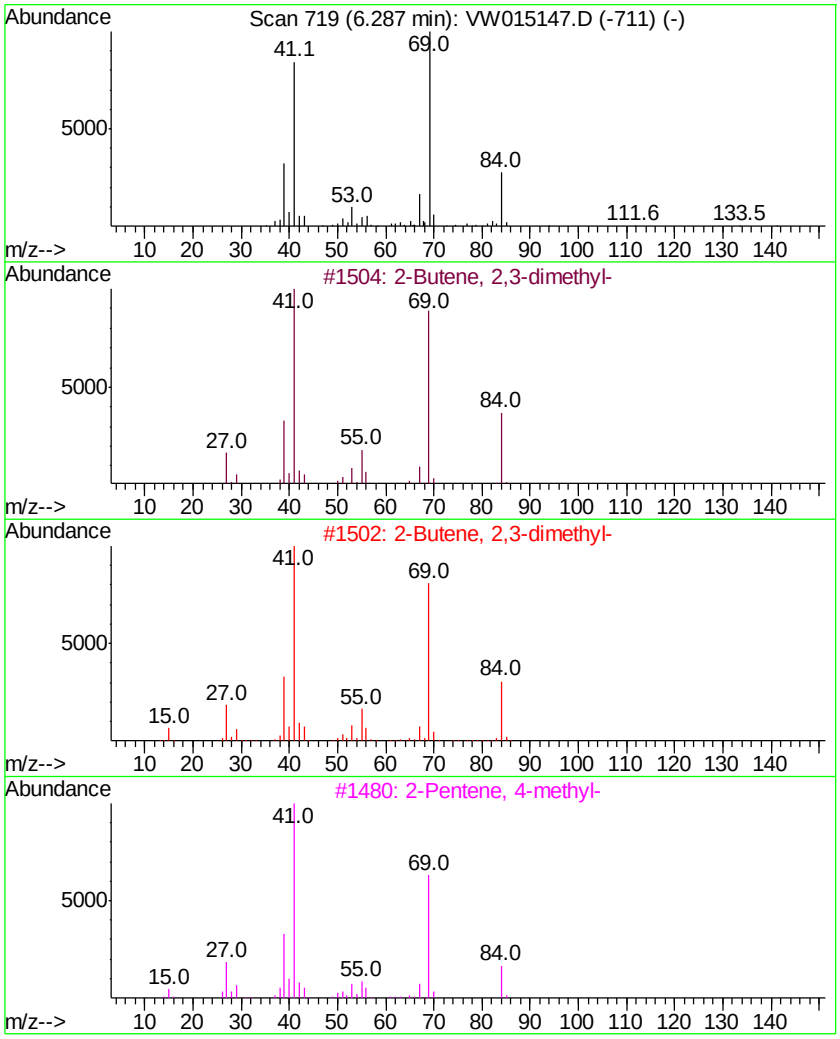
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

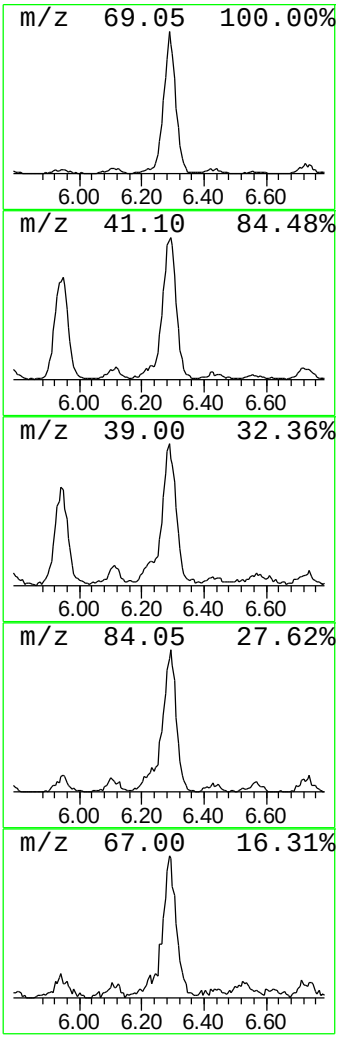
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	8.98 ug/L	274481	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	87
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
5	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86





Library Search Compound Report

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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

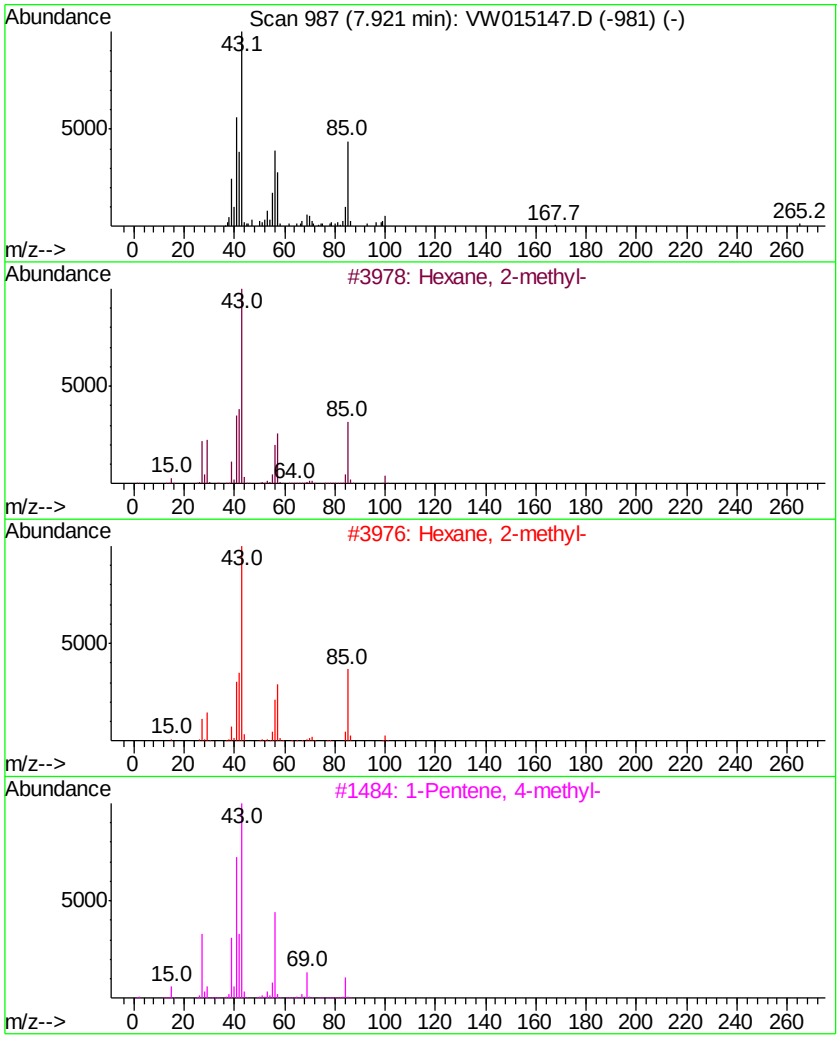
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

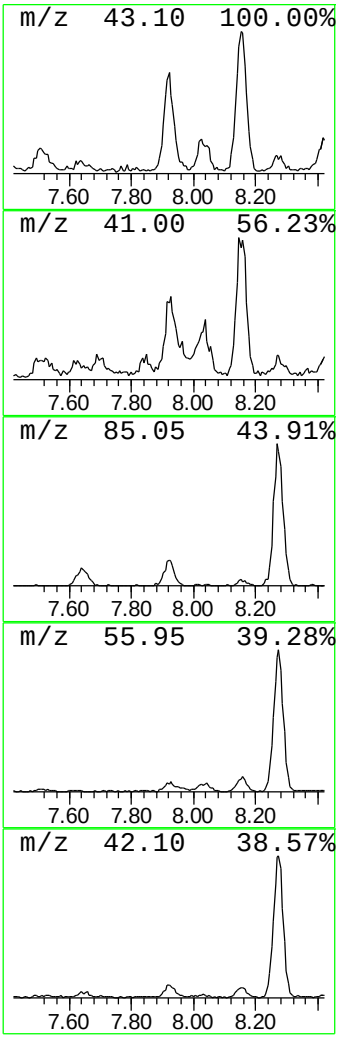
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.09 ug/L	63847	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	86
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
4	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	49
5	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	47





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

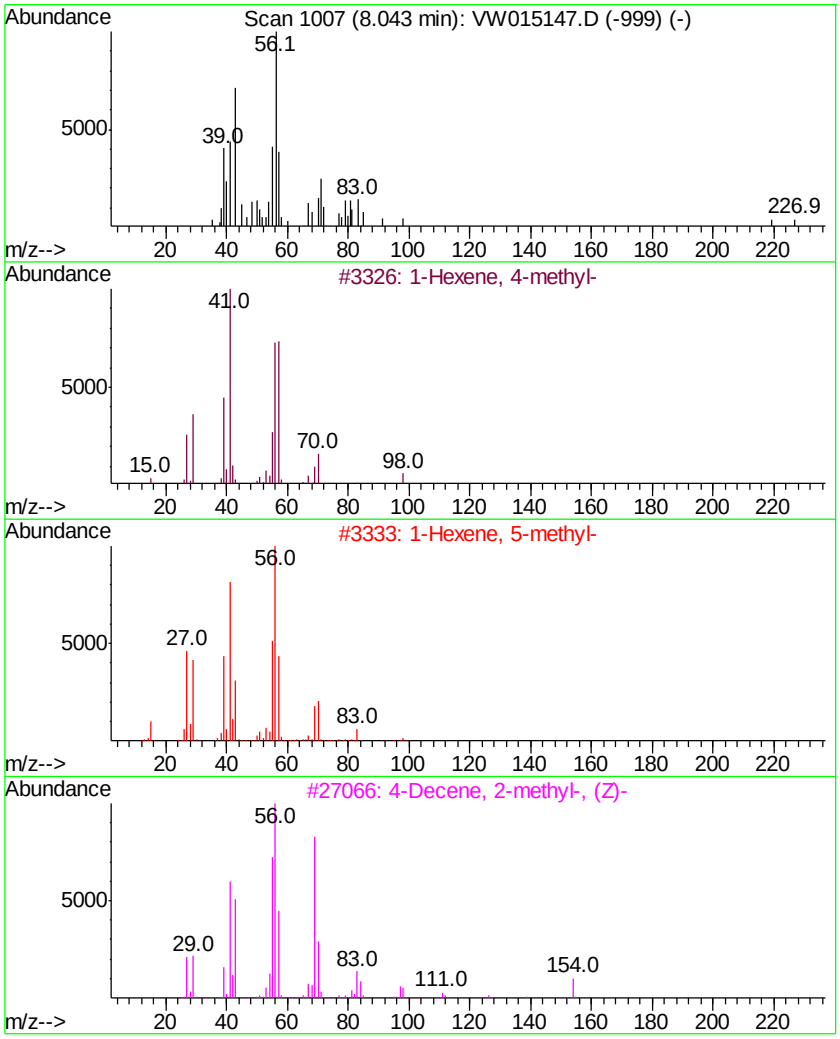
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

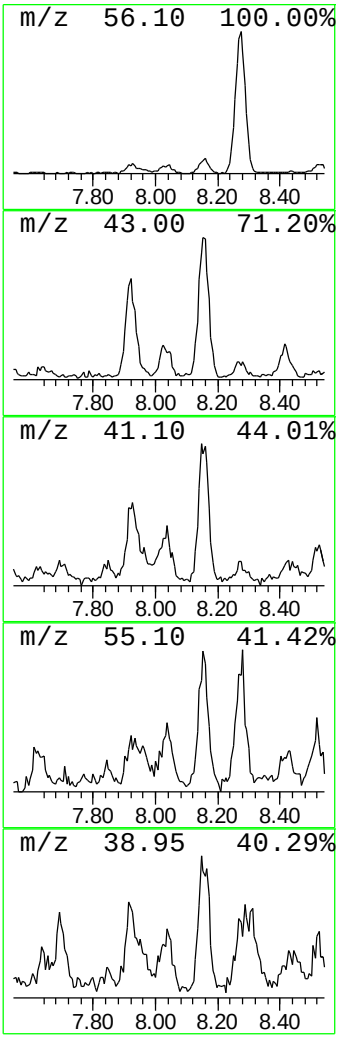
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	1.28 ug/L	39248	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53
3	4-Decene, 2-methyl-, (Z)-	154	C11H22	055499-07-5	38
4	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	37
5	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	32





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

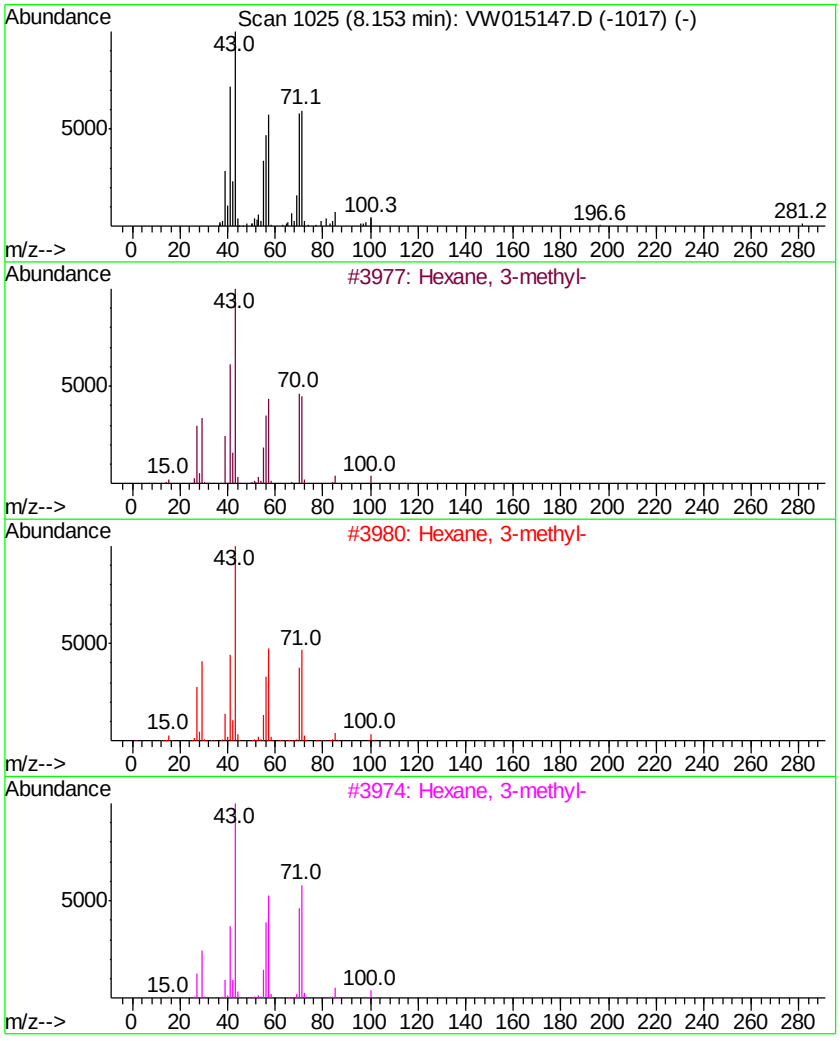
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

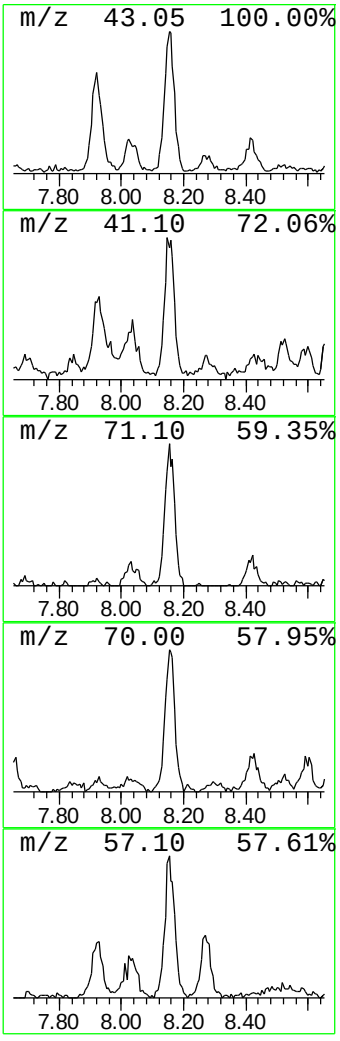
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	2.98 ug/L	91156	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane	100	C7H16	000142-82-5	59





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

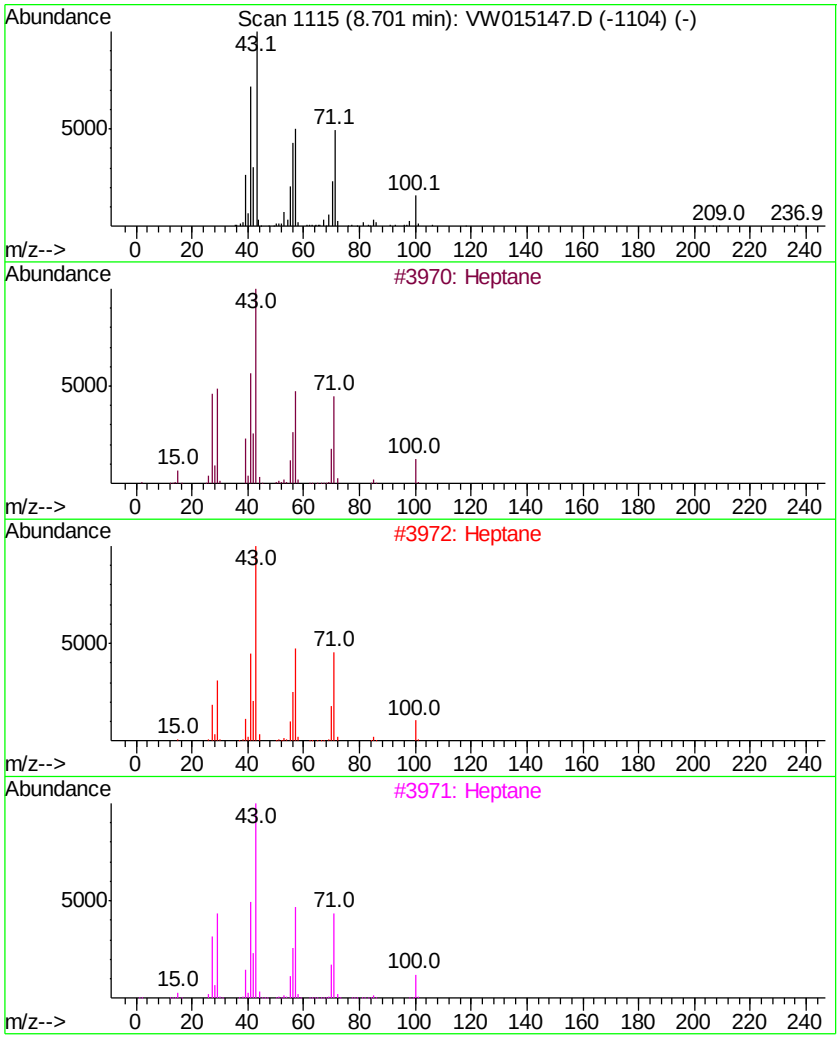
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

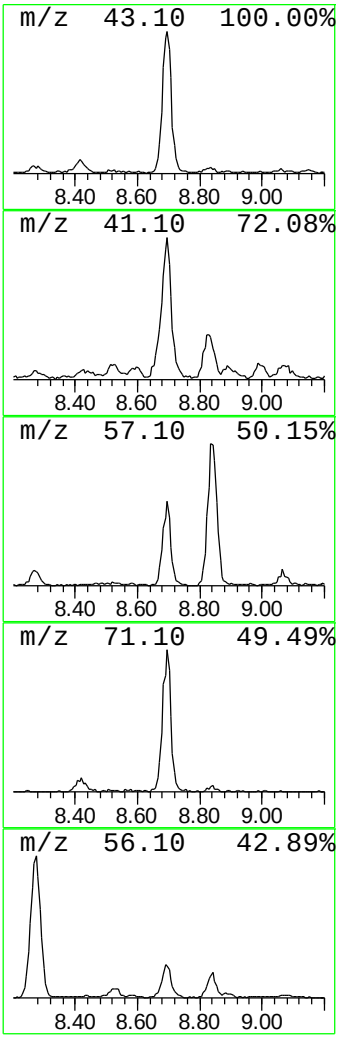
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	6.98 ug/L	213357	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	58
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	46





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

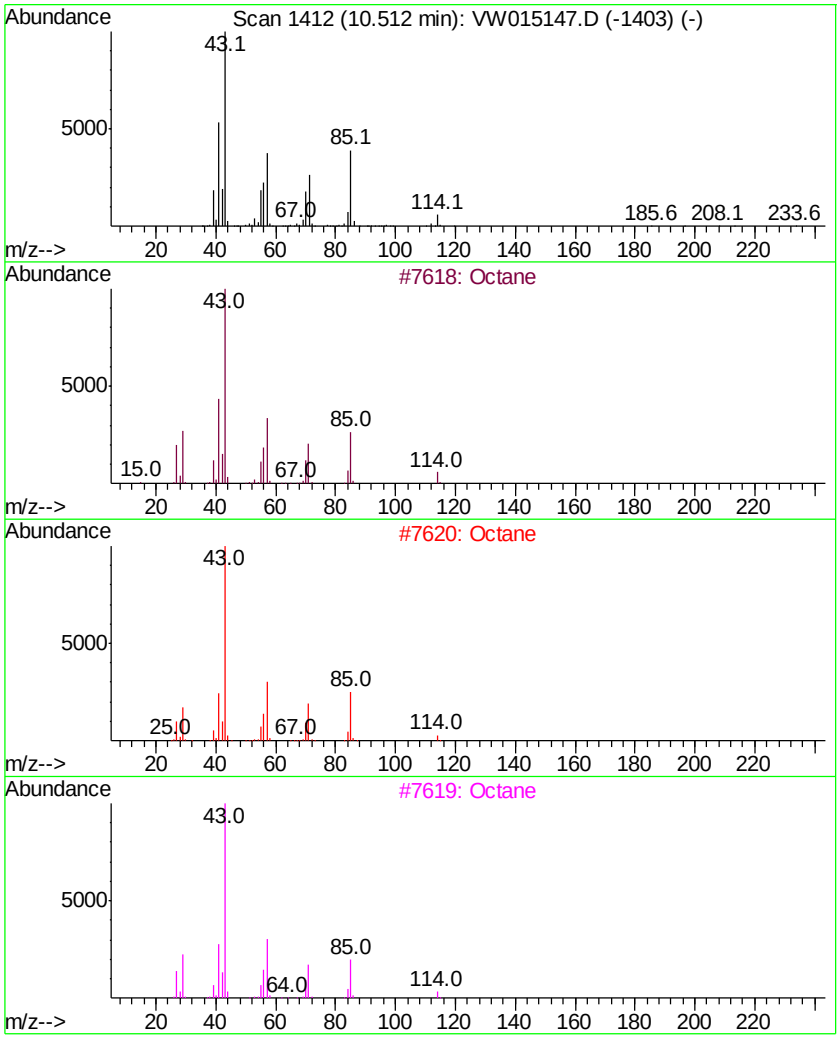
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

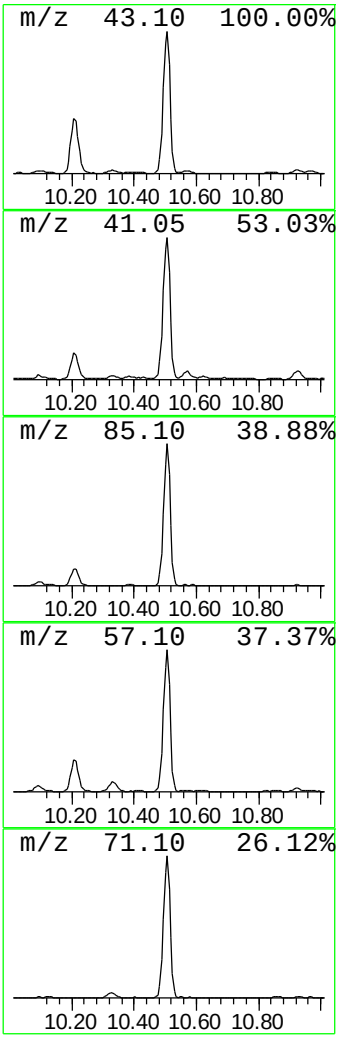
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	57.89 ug/L	1085660	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Octane	114	C8H18	000111-65-9	87
3	Octane	114	C8H18	000111-65-9	86
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64





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Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

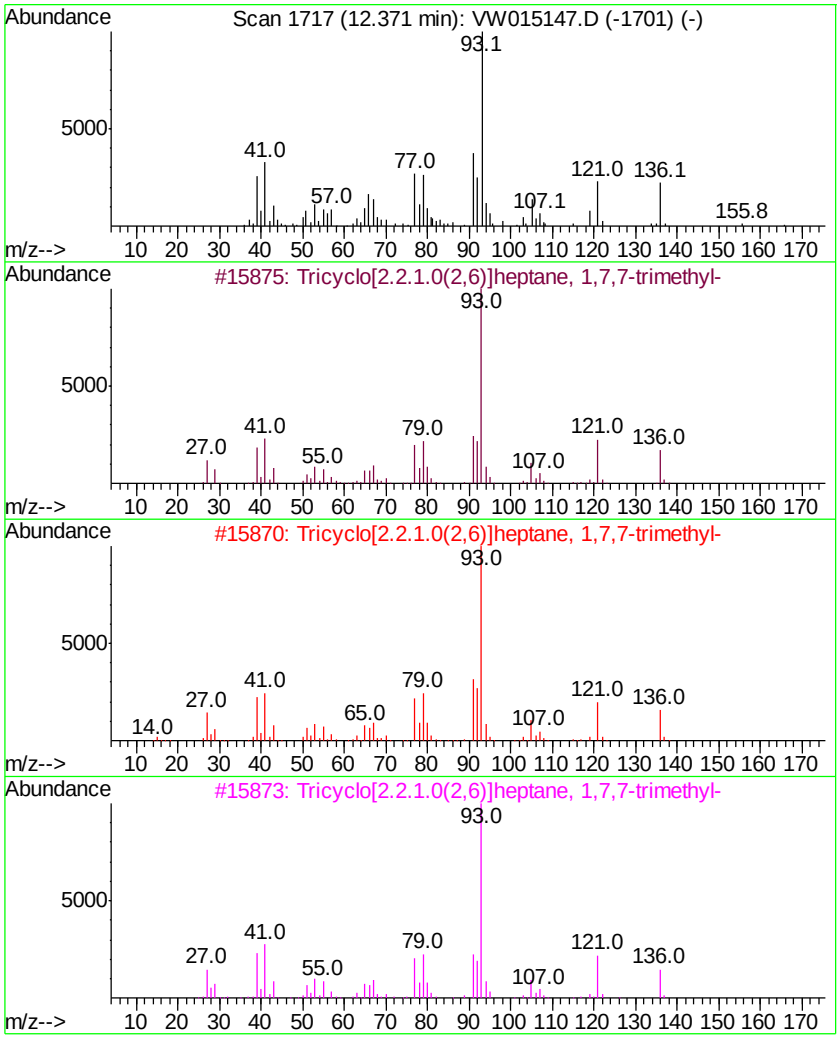
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

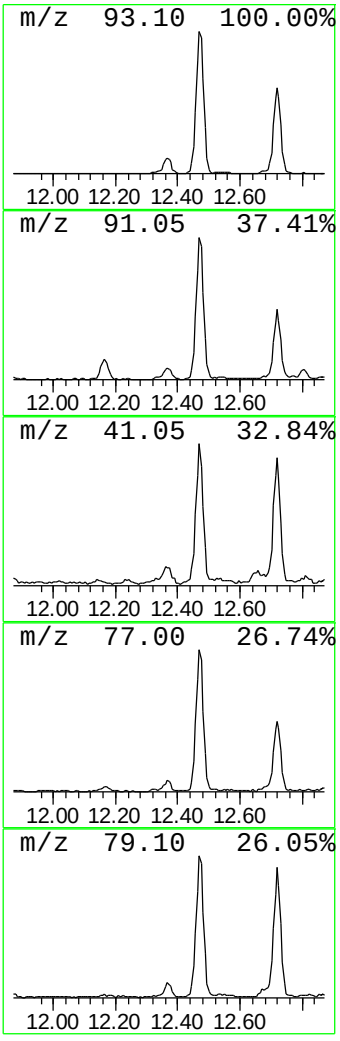
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	5.34 ug/L	100125	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93
4	3-Carene	136	C10H16	013466-78-9	91
5	(+)-3-Carene	136	C10H16	000498-15-7	90





Library Search Compound Report

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Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

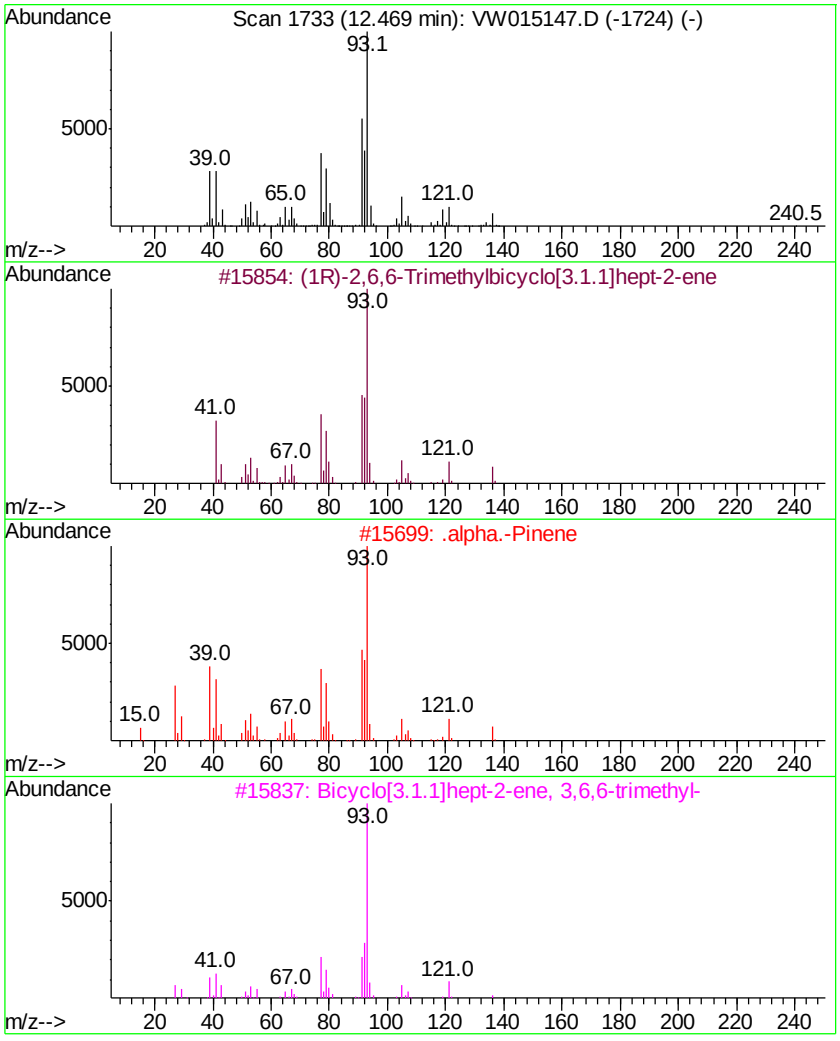
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

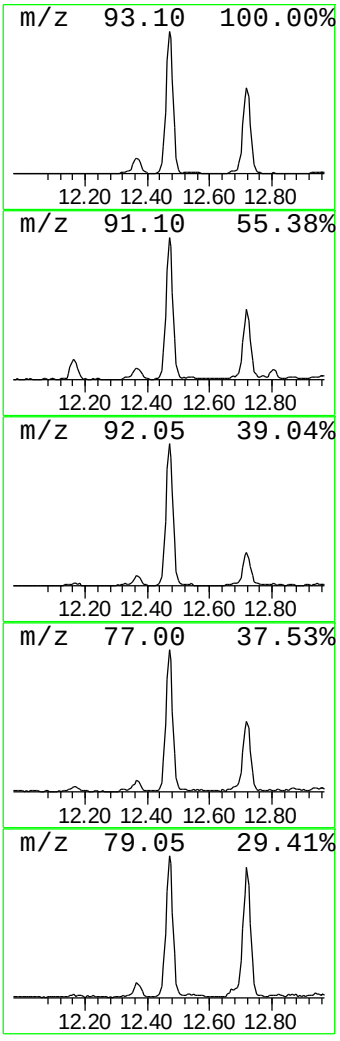
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	32.46 ug/L	608634	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	97
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90





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Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

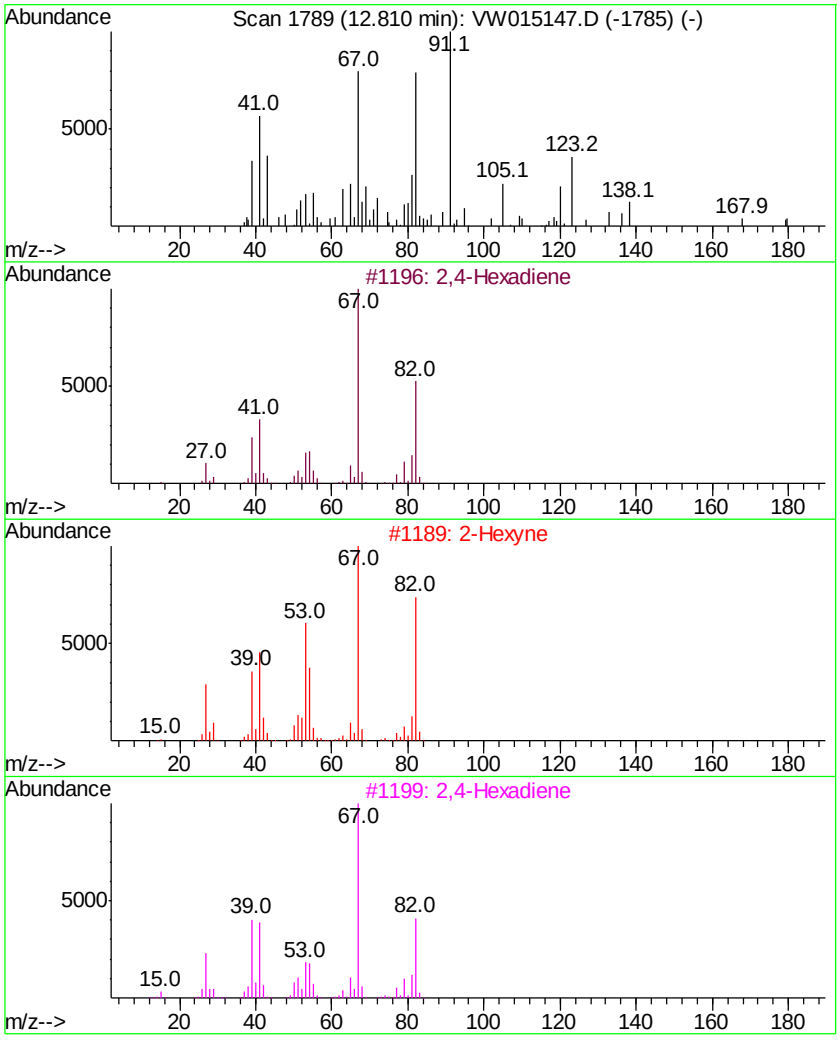
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

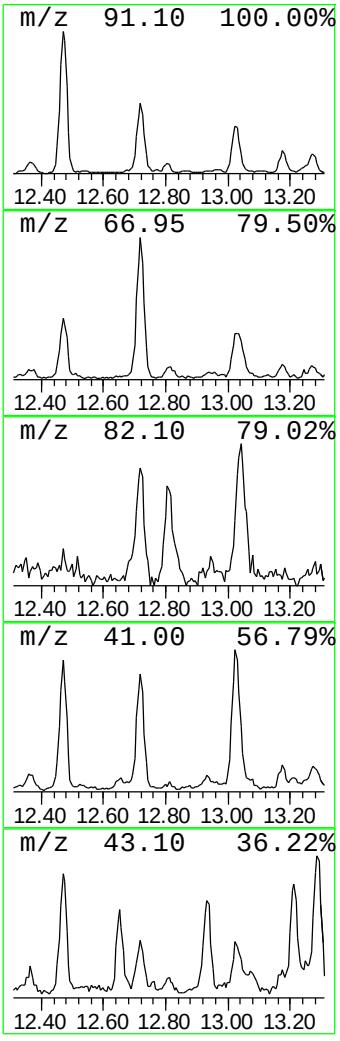
****

Peak Number 19 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	2.85 ug/L	21177	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene	82	C6H10	000592-46-1	49
2	2-Hexyne	82	C6H10	000764-35-2	47
3	2,4-Hexadiene	82	C6H10	000592-46-1	47
4	1,4-Hexadiene	82	C6H10	000592-45-0	47
5	3-Hexyne	82	C6H10	000928-49-4	43





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

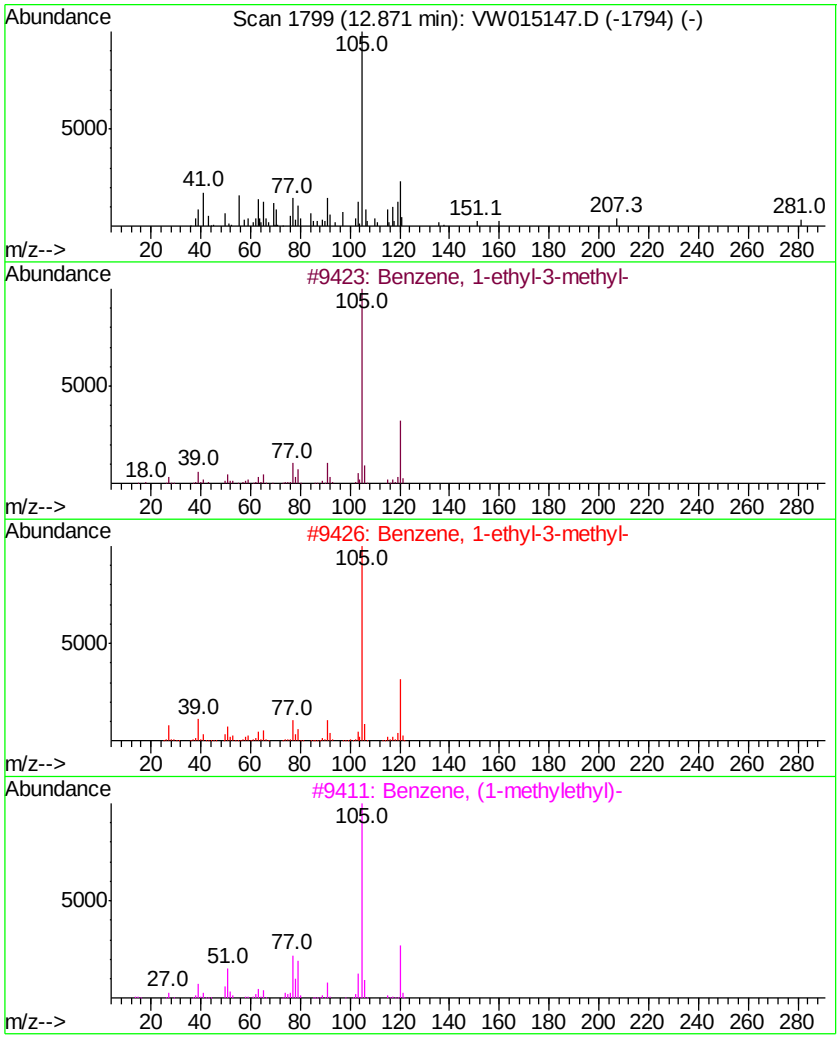
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

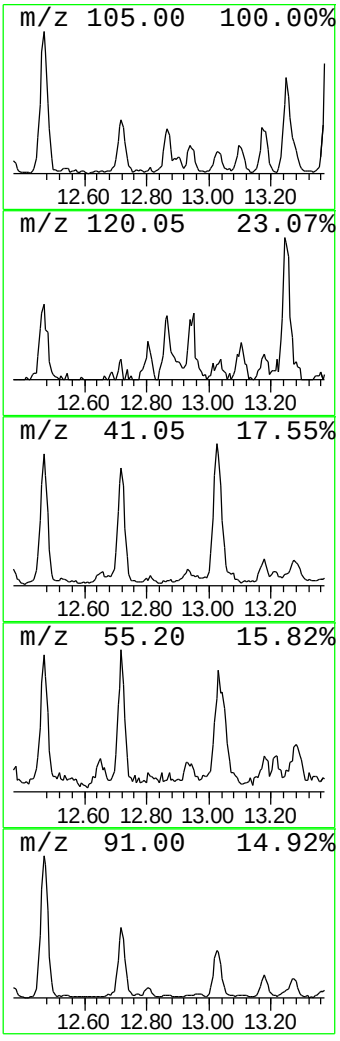
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.76 ug/L	13046	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

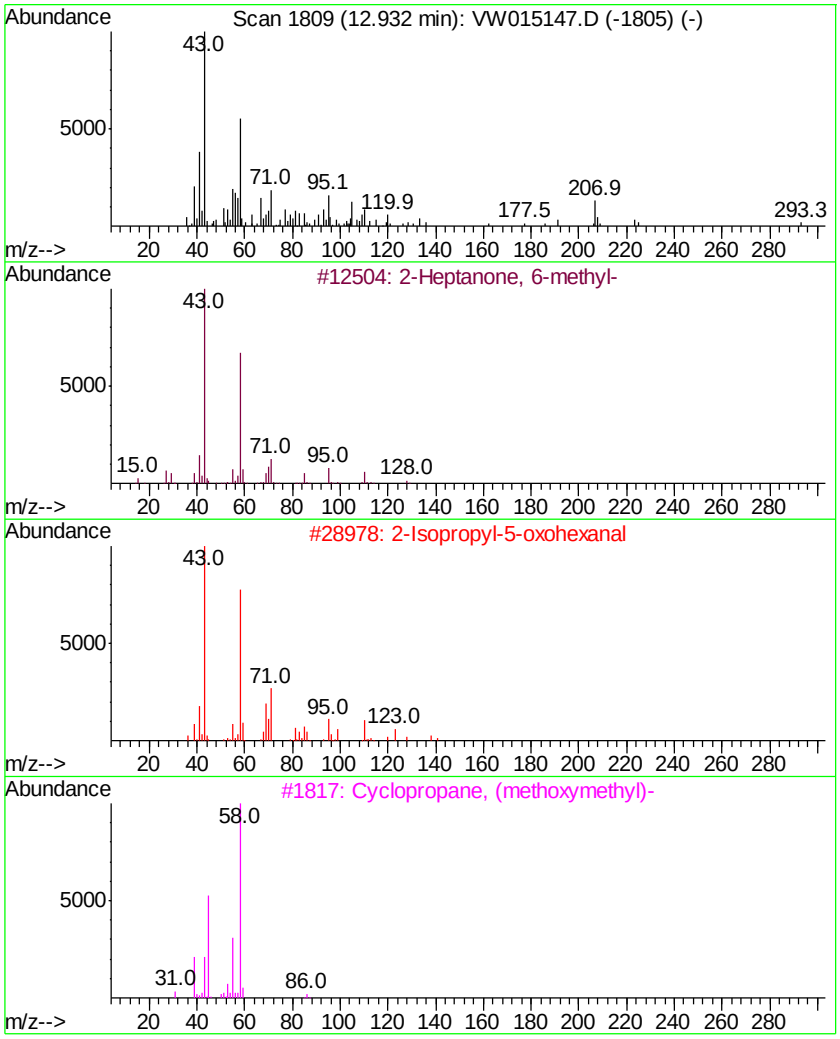
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

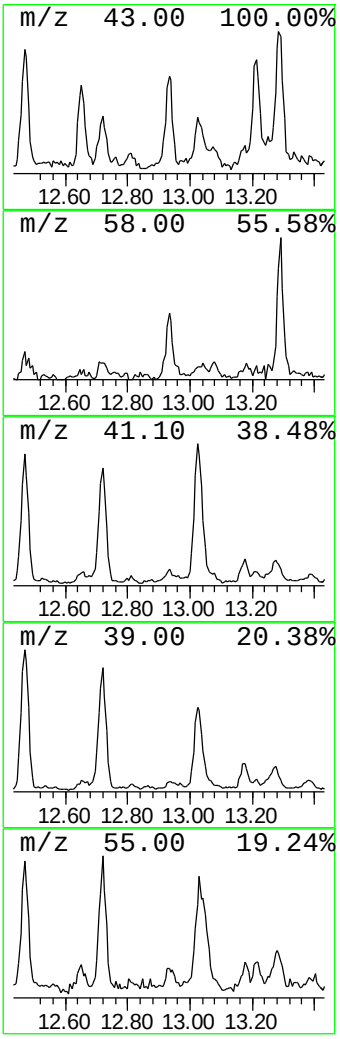
****

Peak Number 21 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	7.60 ug/L	56459	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	43
2	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	37
3	Cyclopropane, (methoxymethyl)-	86	C5H10O	001003-13-0	35
4	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	35
5	o-Ethyl S-3-(dimethylamino)propy...	225	C8H20NO2PS	1000289-51-3	35





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

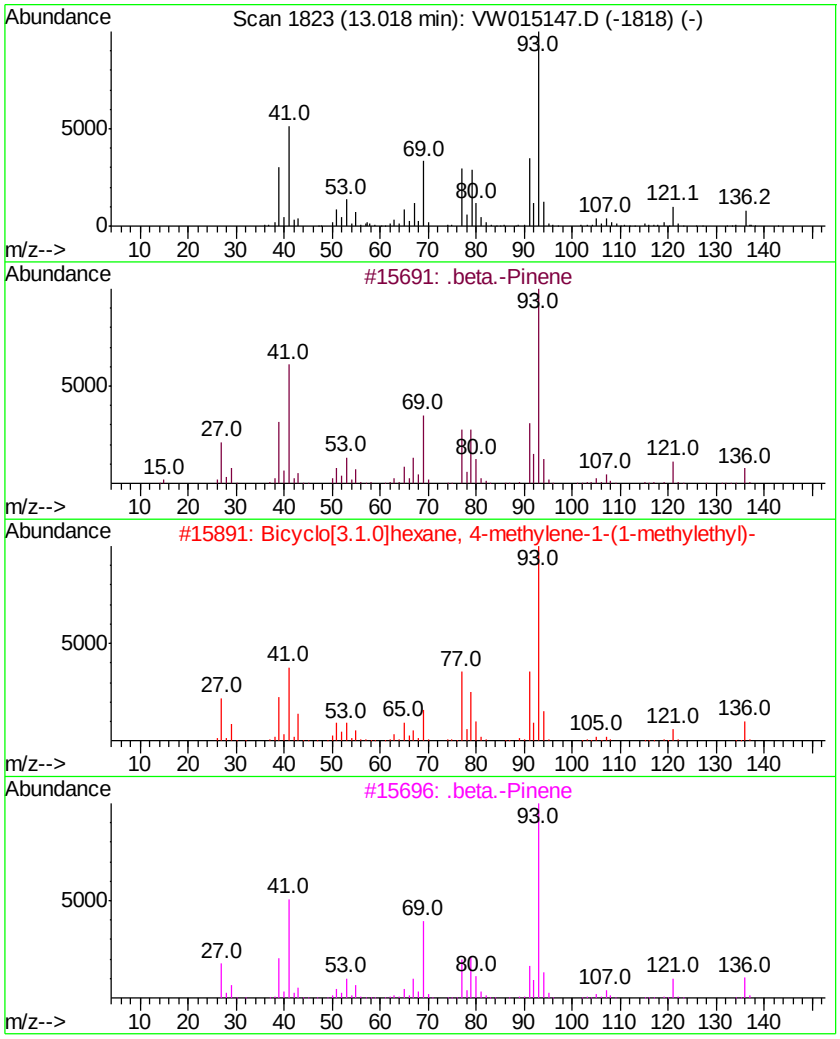
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

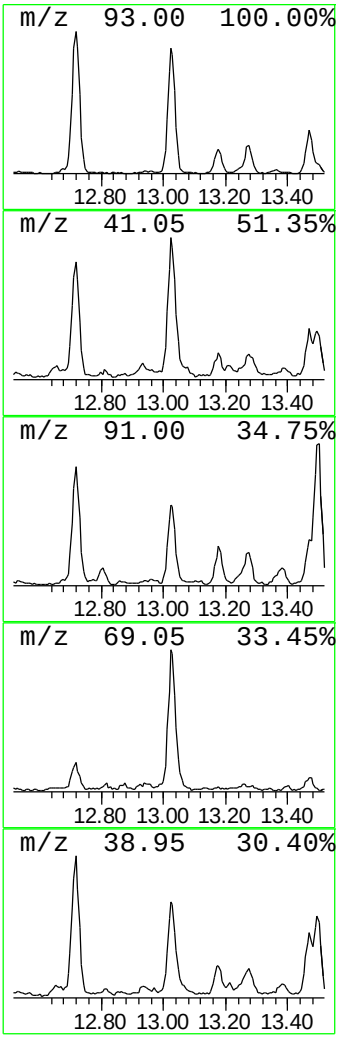
****

Peak Number 22 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	55.20 ug/L	409831	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
3	.beta.-Pinene	136	C10H16	000127-91-3	87
4	.beta.-Pinene	136	C10H16	000127-91-3	87
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	87





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

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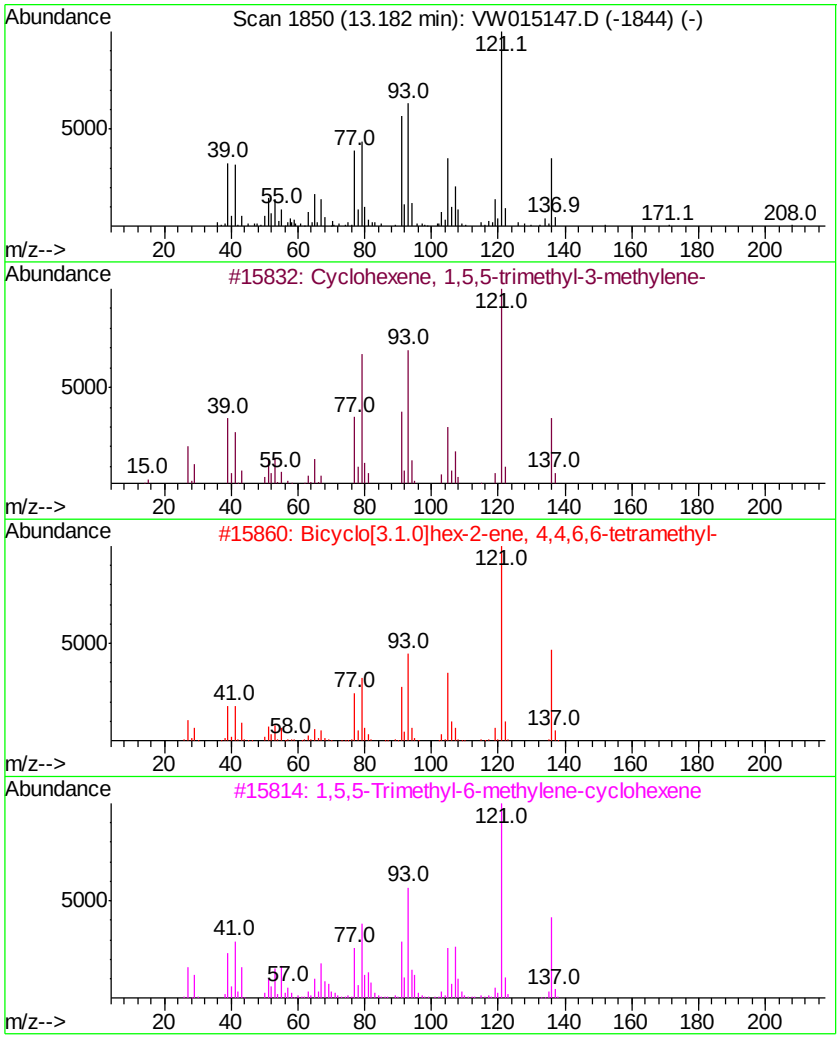
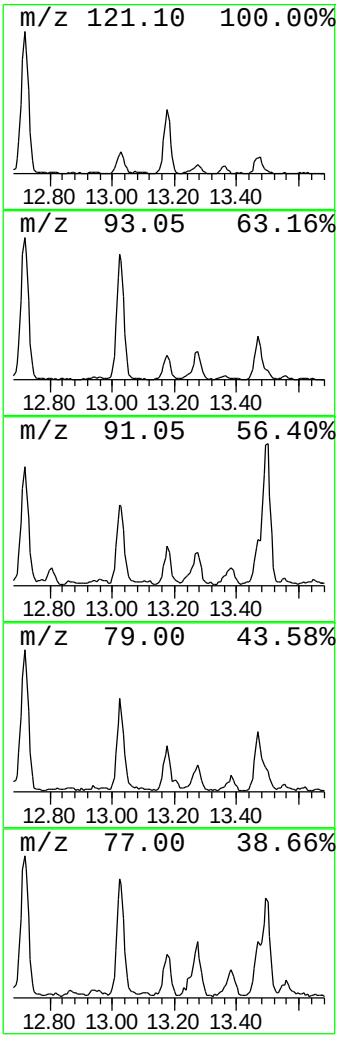
Peak Number 23 Cyclohexene, 1,5,5-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	16.01 ug/L	118856	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	96
2	Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	91
3	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	87
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	87
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	81





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

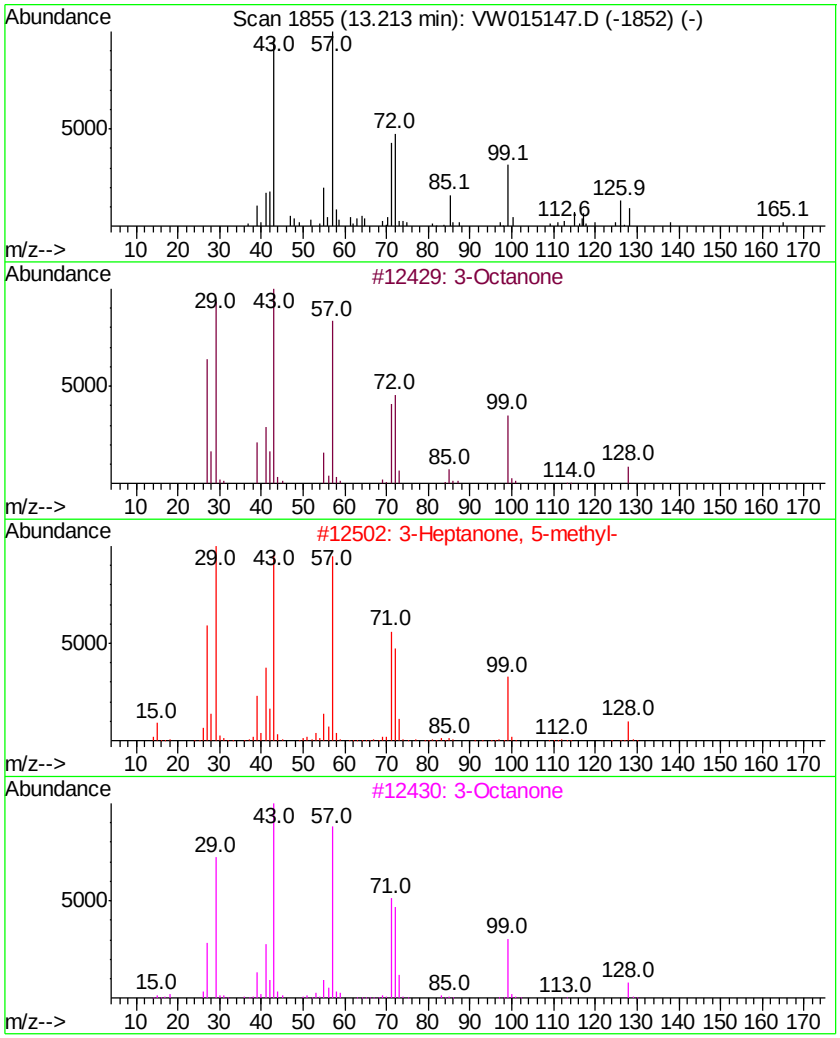
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

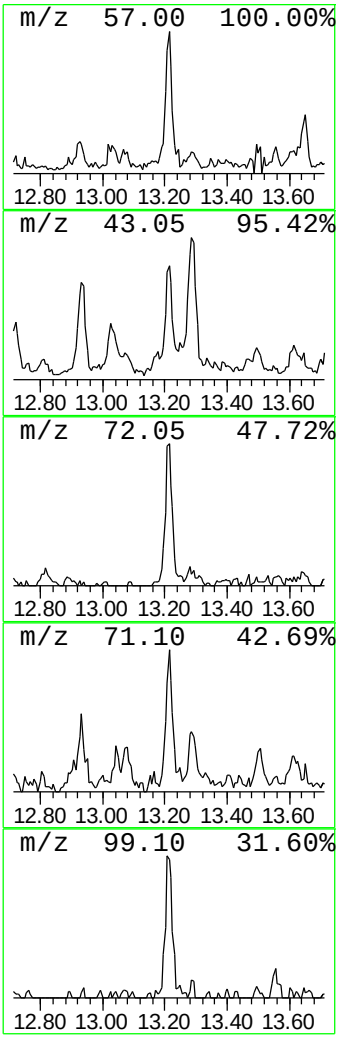
****

Peak Number 24 3-Octanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	6.83 ug/L	50723	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	81
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
3	3-Octanone	128	C8H16O	000106-68-3	64
4	3-Octanone	128	C8H16O	000106-68-3	53
5	3-Octanone	128	C8H16O	000106-68-3	53





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

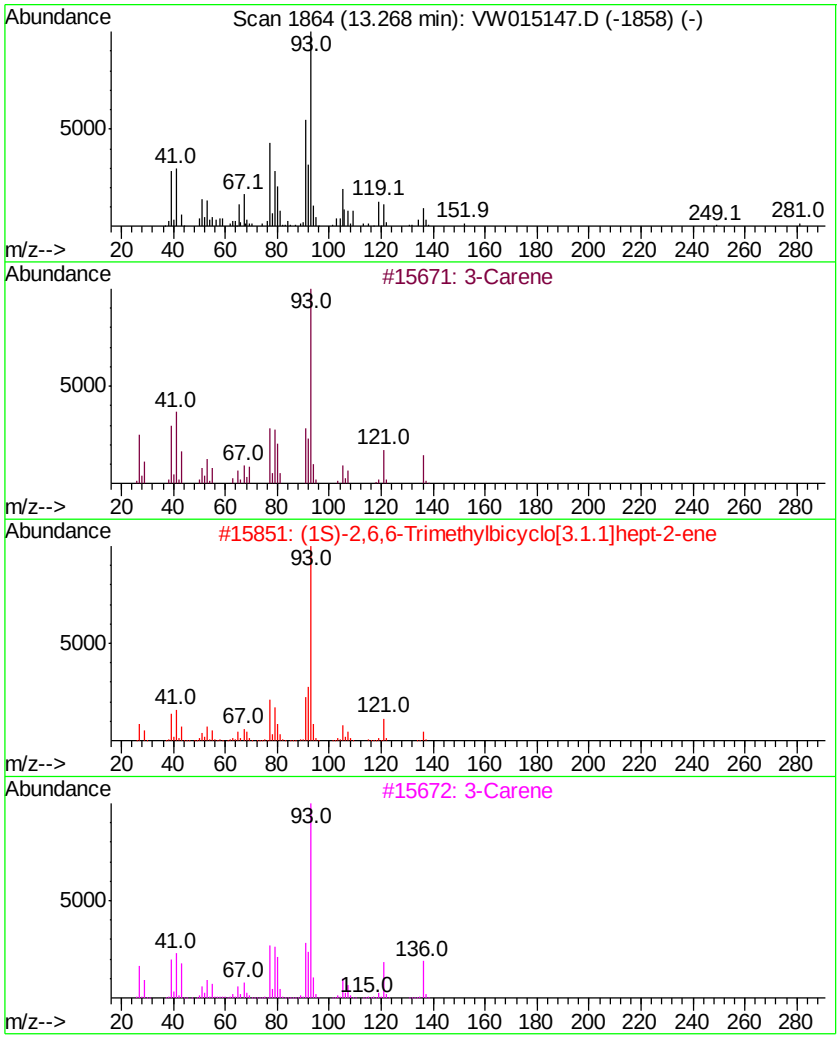
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

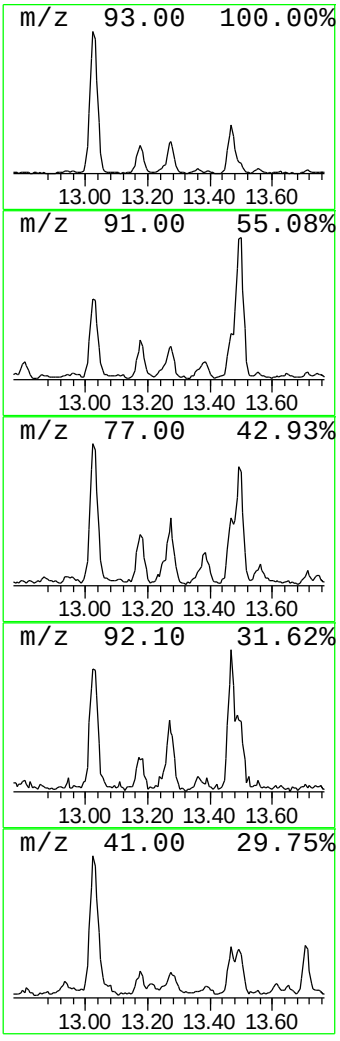
****

Peak Number 25 3-Carene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	21.45 ug/L	159277	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	94
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
3	3-Carene	136	C10H16	013466-78-9	87
4	.gamma.-Terpinene	136	C10H16	000099-85-4	87
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	83





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

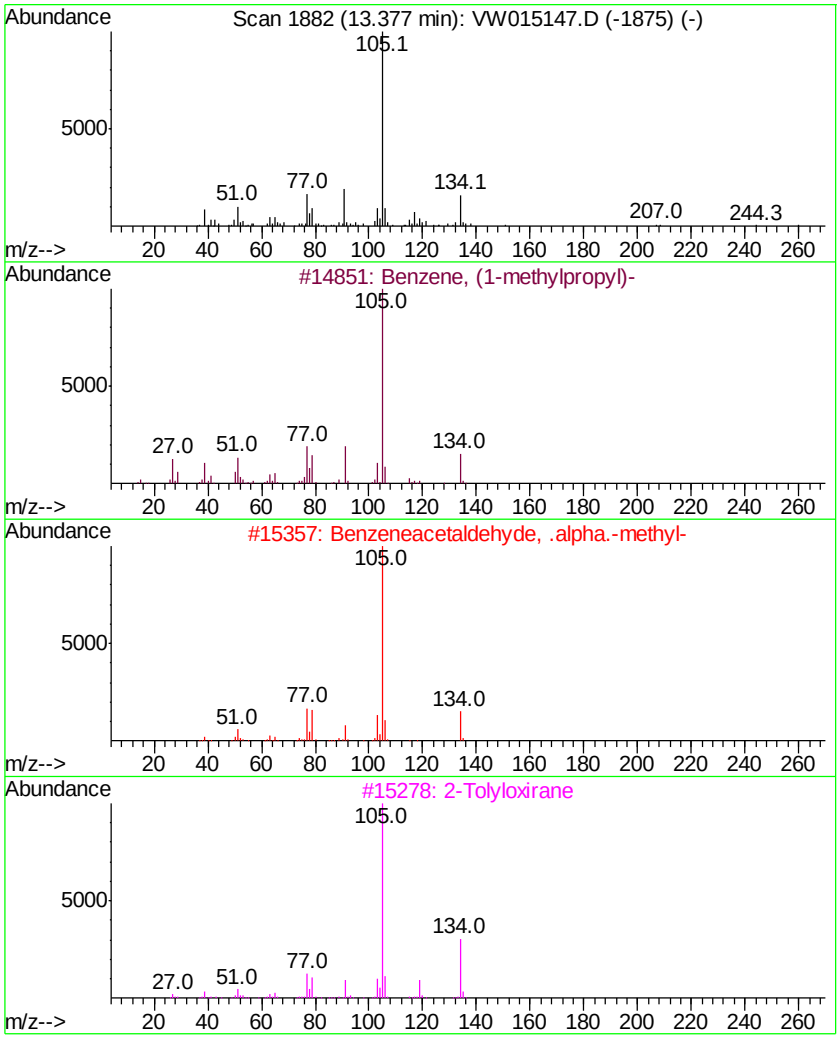
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

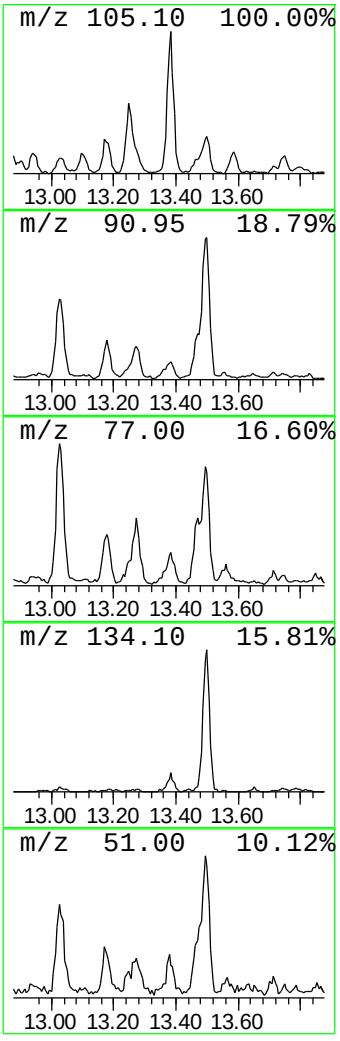
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, (1-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	12.05 ug/L	89438	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
3	2-Tolyloxirane	134	C9H10O	002783-26-8	83
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

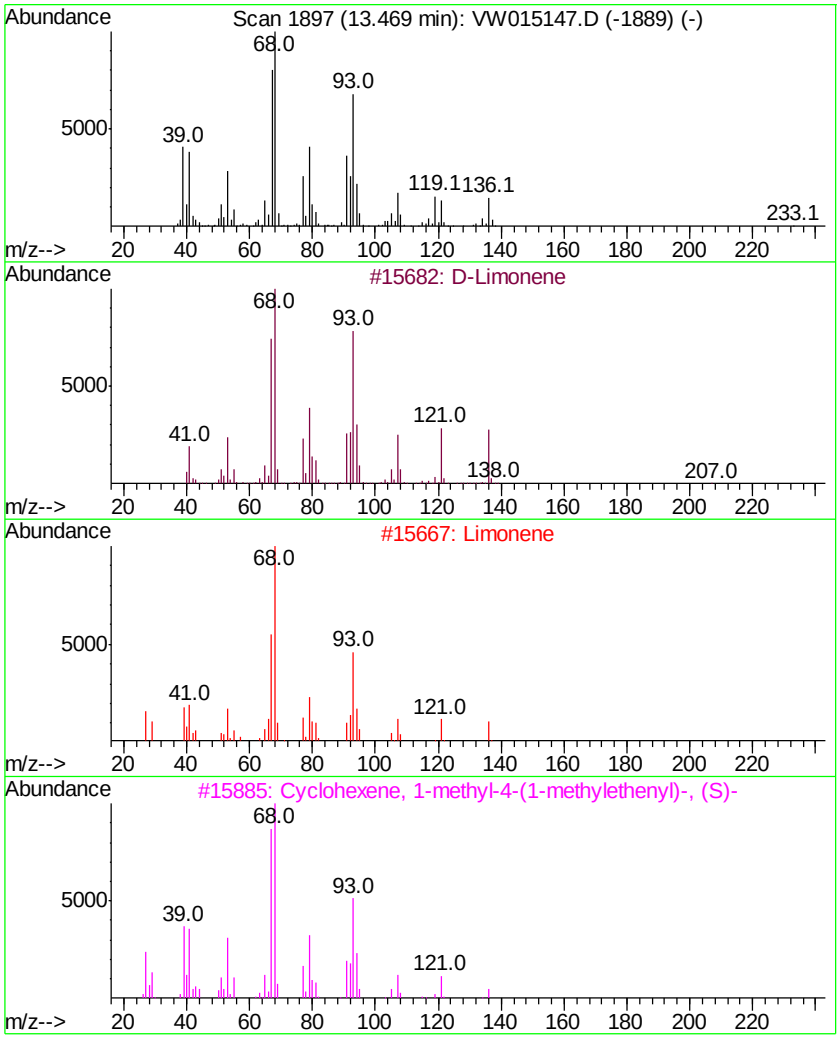
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

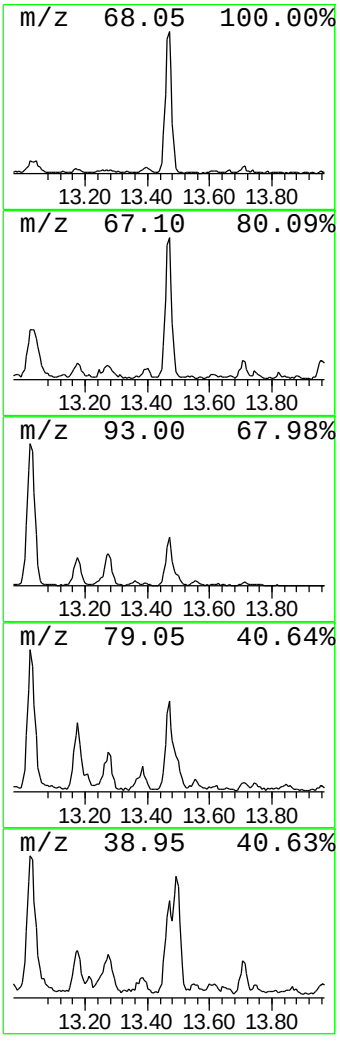
****

Peak Number 27 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	25.59 ug/L	190036	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	93
2	Limonene	136	C10H16	000138-86-3	87
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	86
4	D-Limonene	136	C10H16	005989-27-5	76
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	76





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

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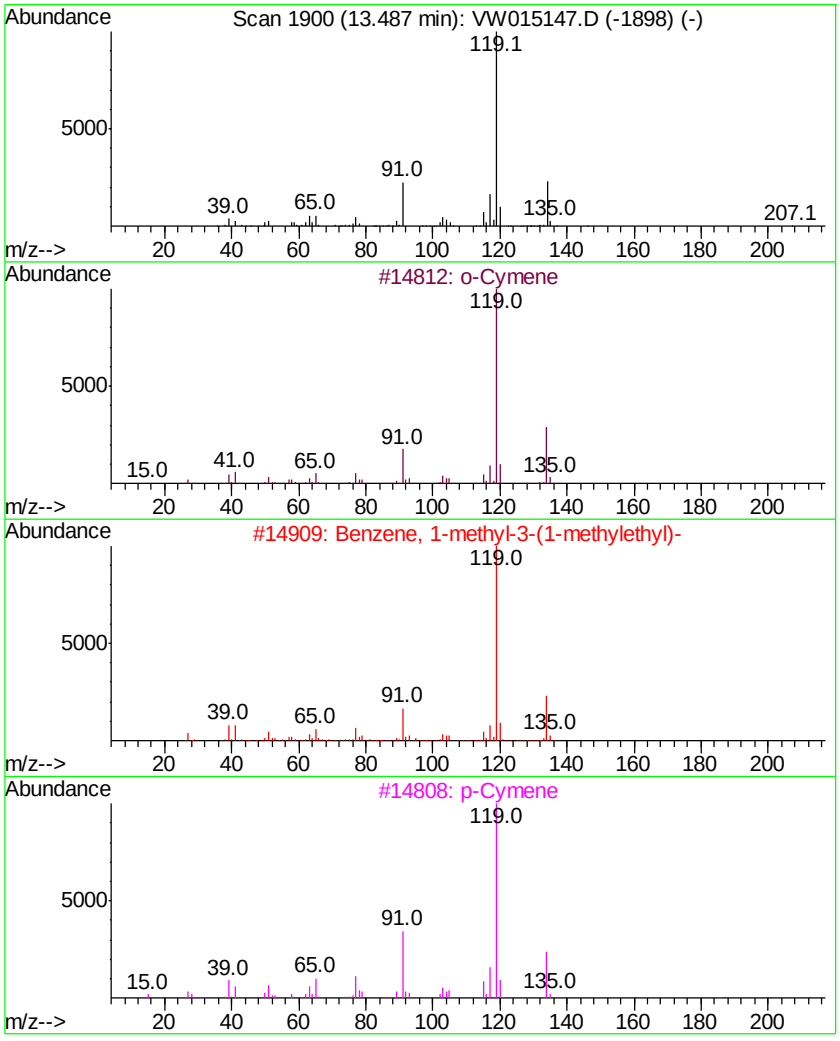
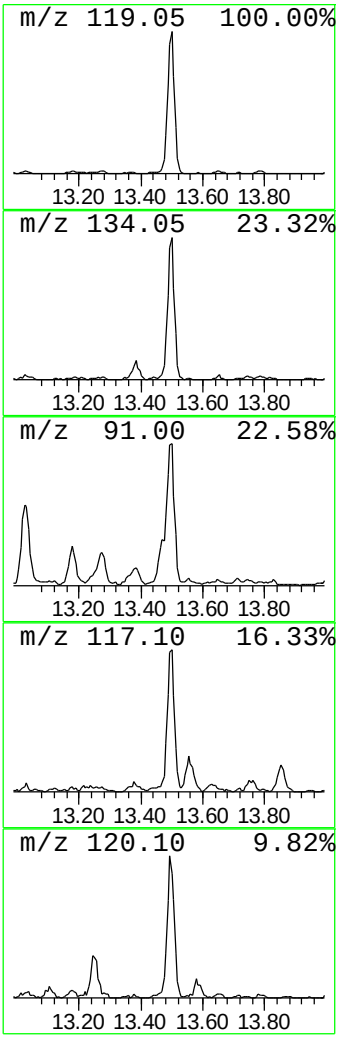
Peak Number 28 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	55.45 ug/L	411704	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

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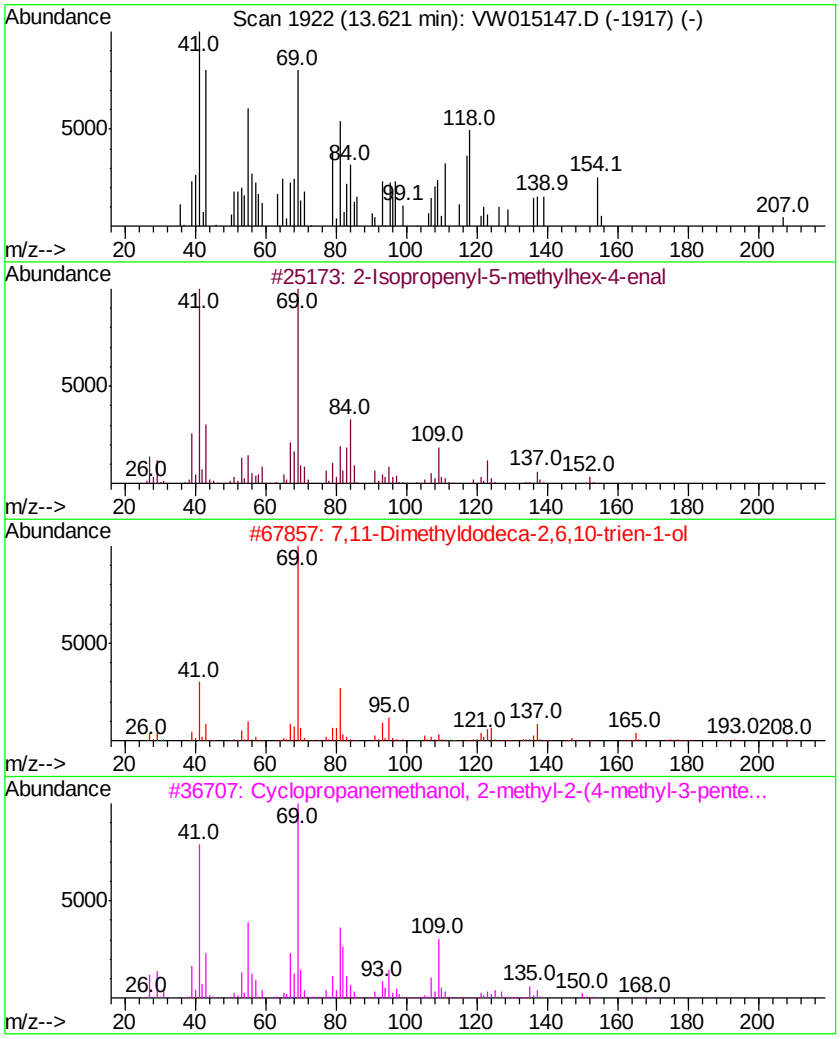
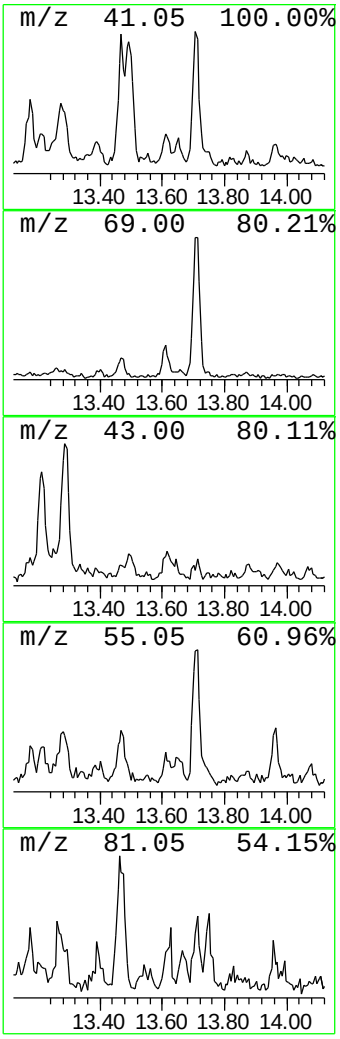
Peak Number 29 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.05 ug/L	22652	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	45
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	38
3	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	38
4	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	35
5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	35





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

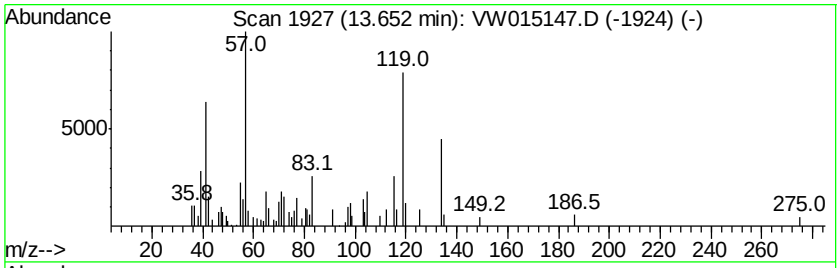
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

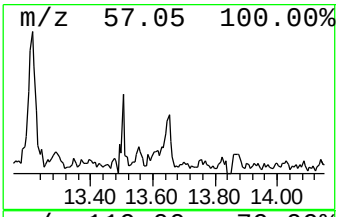
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

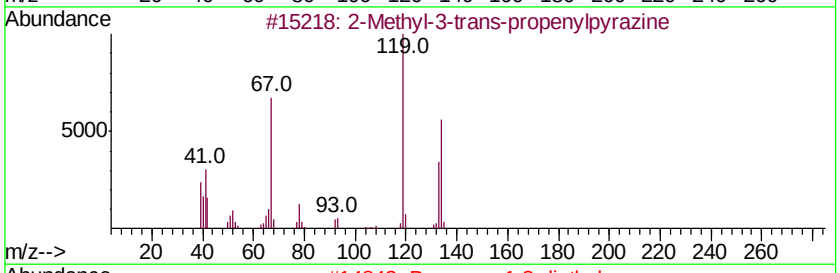
****
Peak Number 30 2-Methyl-3-trans-propenylpy... Concentration Rank 25

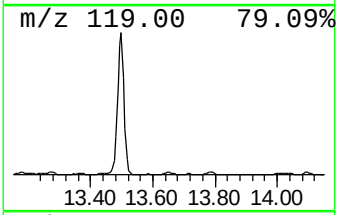
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.90 ug/L	21498	1,4-Dichlorobenzene-d4	13.55

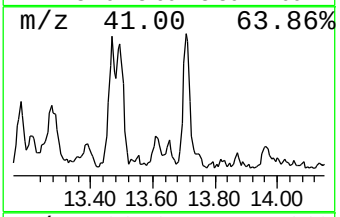
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-trans-propenylpyrazine	134	C8H10N2	232255-41-3	58
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	52
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	52
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	52
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49

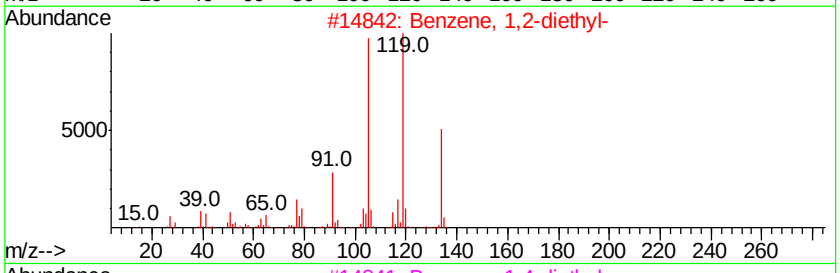


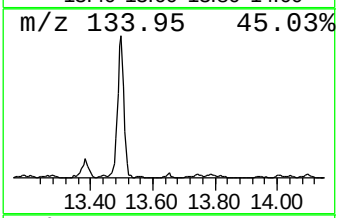


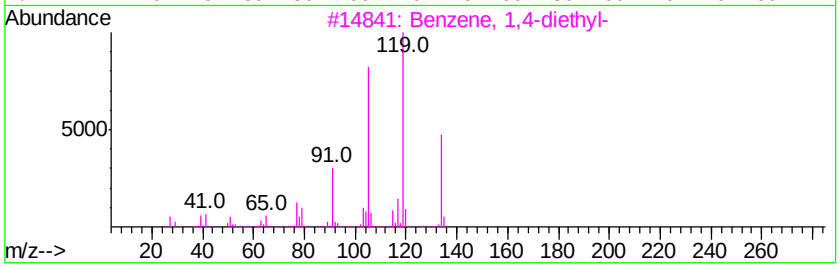


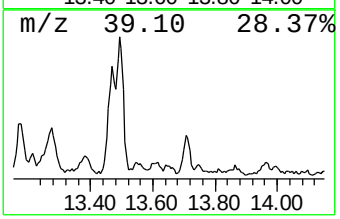












Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

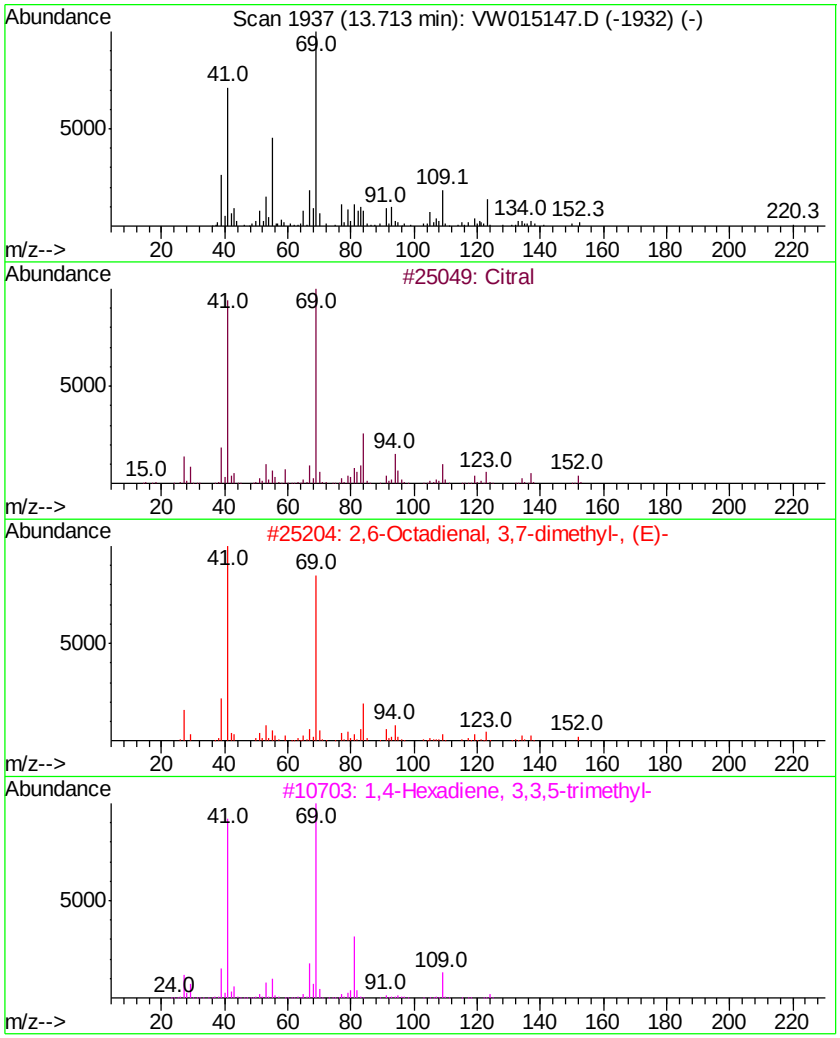
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

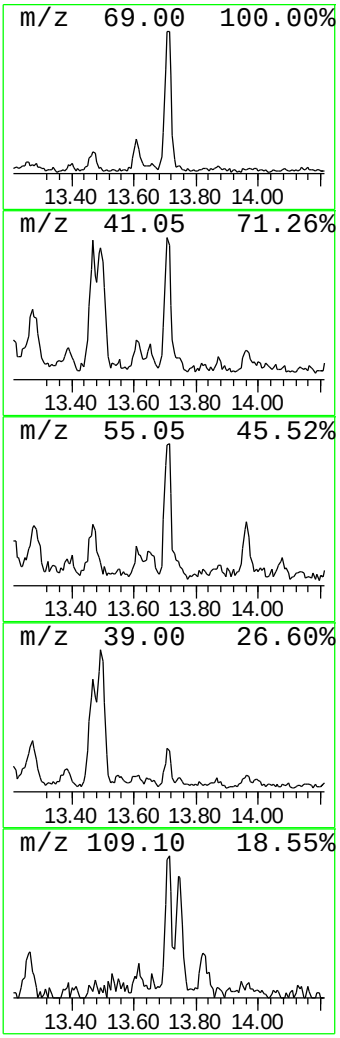
****

Peak Number 31 Citral Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	9.74 ug/L	72300	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citral	152	C10H16O	005392-40-5	50
2	2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	50
3	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	47
4	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	47
5	3,7-Nonadien-2-one, 8-methyl-, (E)-	152	C10H16O	035408-14-1	47





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

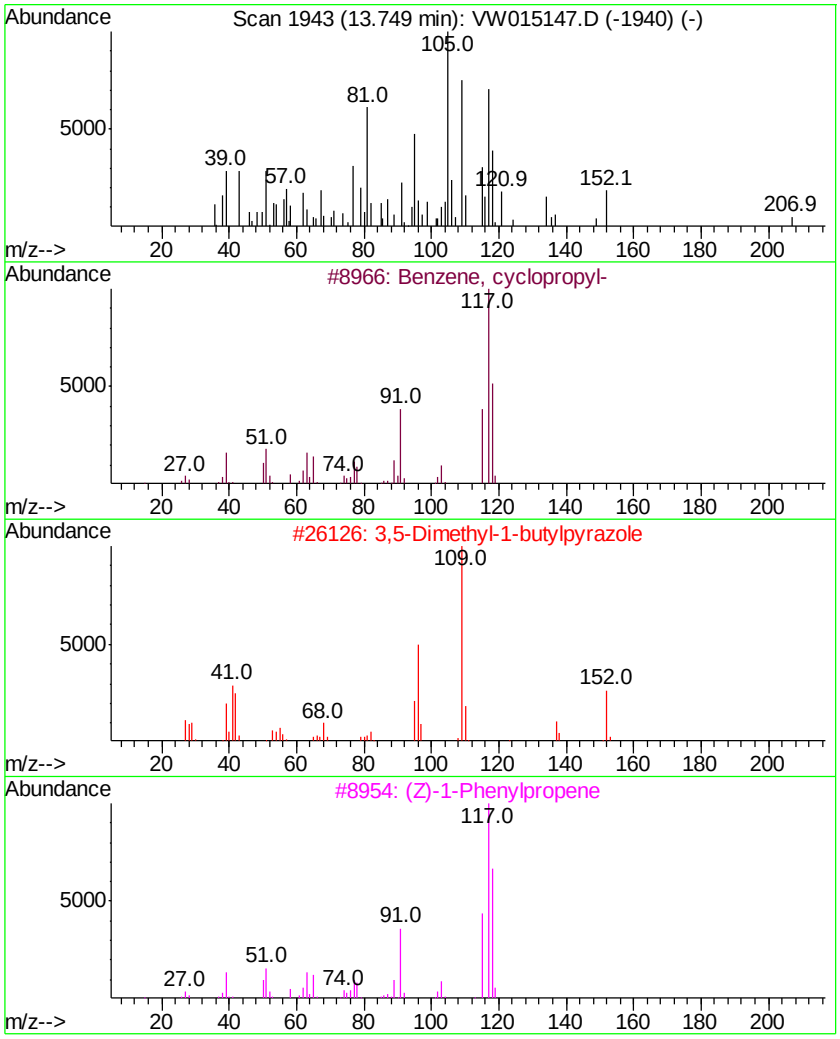
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

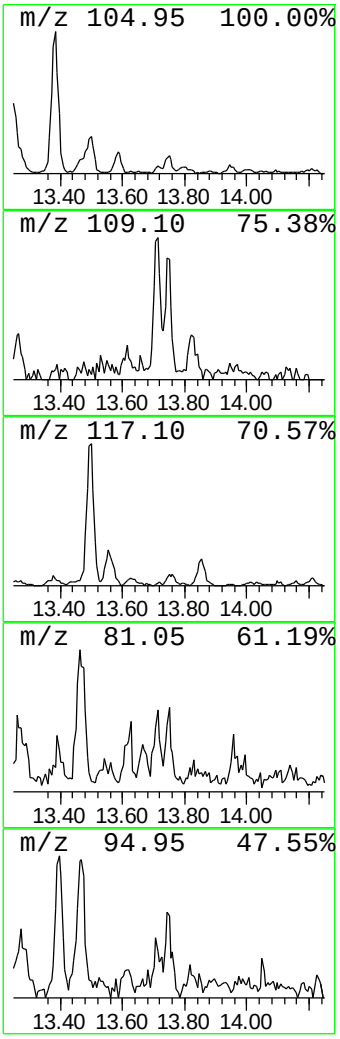
****

Peak Number 32 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.53 ug/L	18794	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	25
2	3,5-Dimethyl-1-butylpyrazole	152	C9H16N2	002655-37-0	18
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	15
4	1-(1-Butynyl)cyclopentanol	138	C9H14O	1000342-86-5	14
5	Diethyl phosphorazidate	179	C4H10N3O3P	001516-68-3	12





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

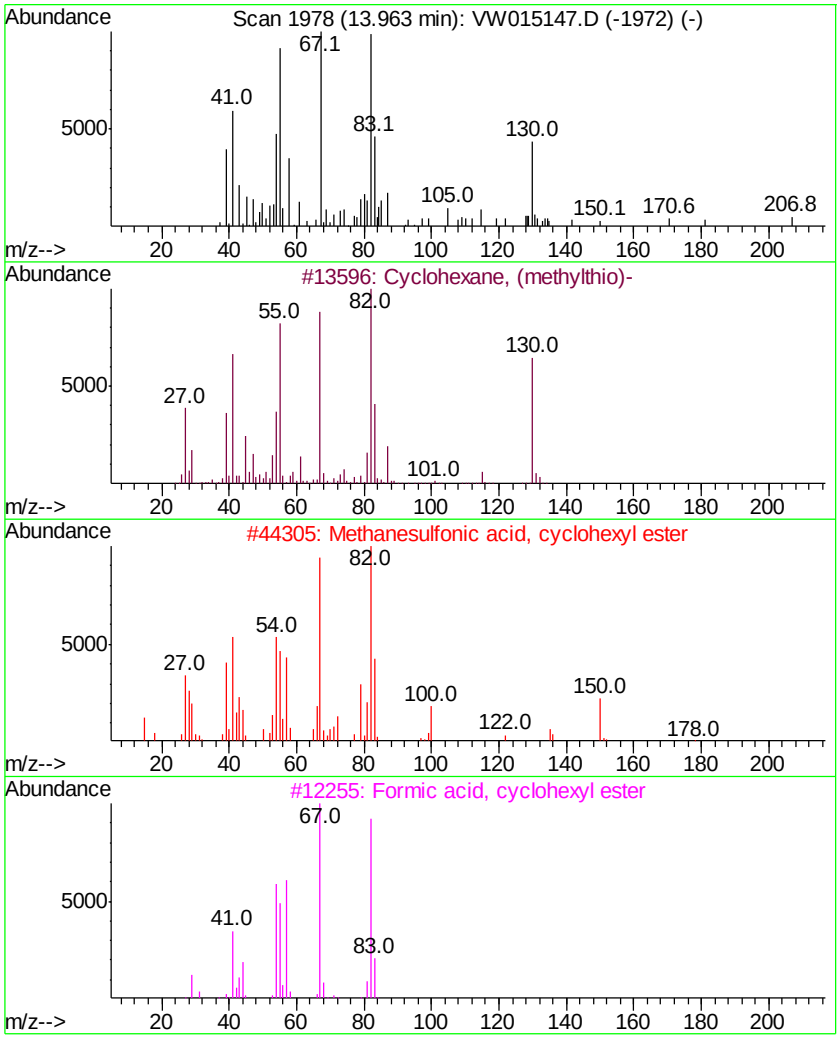
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

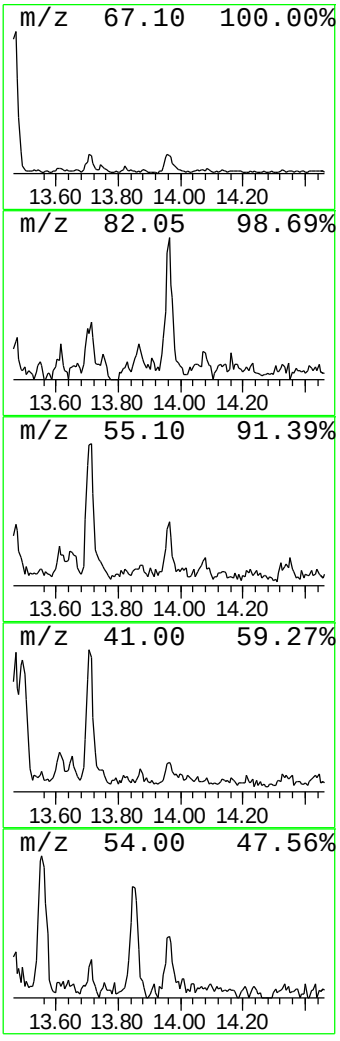
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cyclohexane, (methylthio)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.21 ug/L	31233	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (methylthio)-	130	C7H14S	007133-37-1	87
2	Methanesulfonic acid, cyclohexyl...	178	C7H14O3S	016156-56-2	53
3	Formic acid, cyclohexyl ester	128	C7H12O2	004351-54-6	50
4	Formic acid, cyclohexyl ester	128	C7H12O2	004351-54-6	50
5	2-Hexyne	82	C6H10	000764-35-2	49





Library Search Compound Report

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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

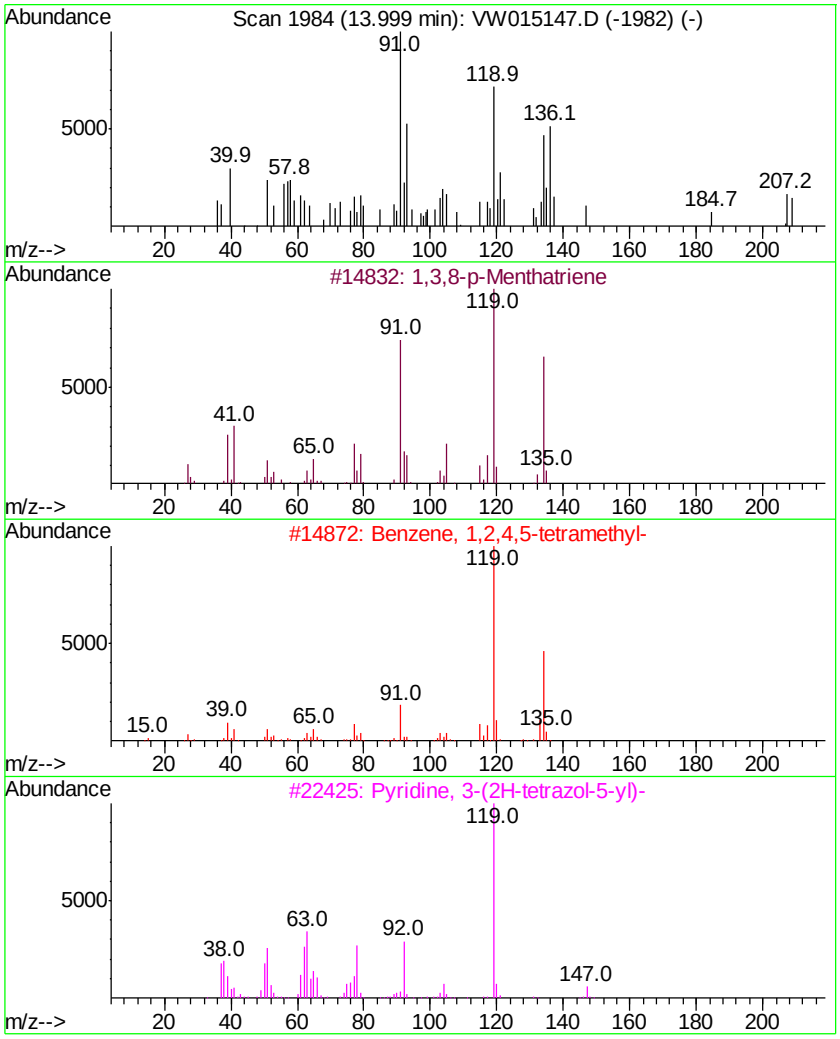
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

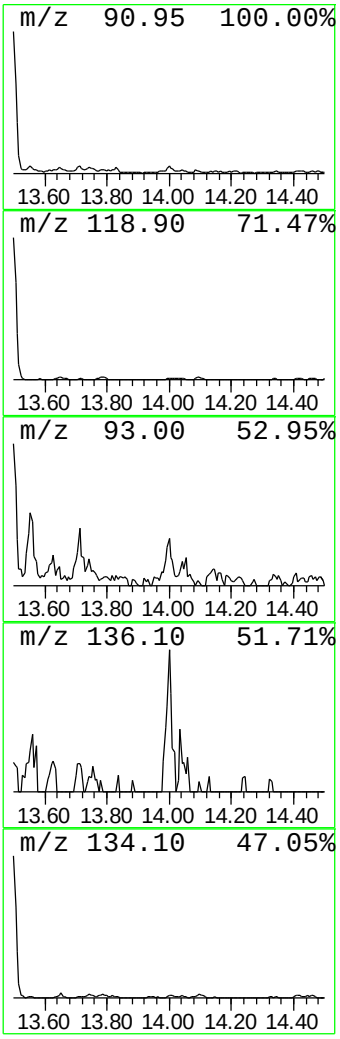
****

Peak Number 34 unknown-06 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	1.29 ug/L	9569	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35
3	Pyridine, 3-(2H-tetrazol-5-yl)-	147	C6H5N5	1000315-87-2	30
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	25
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	25





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

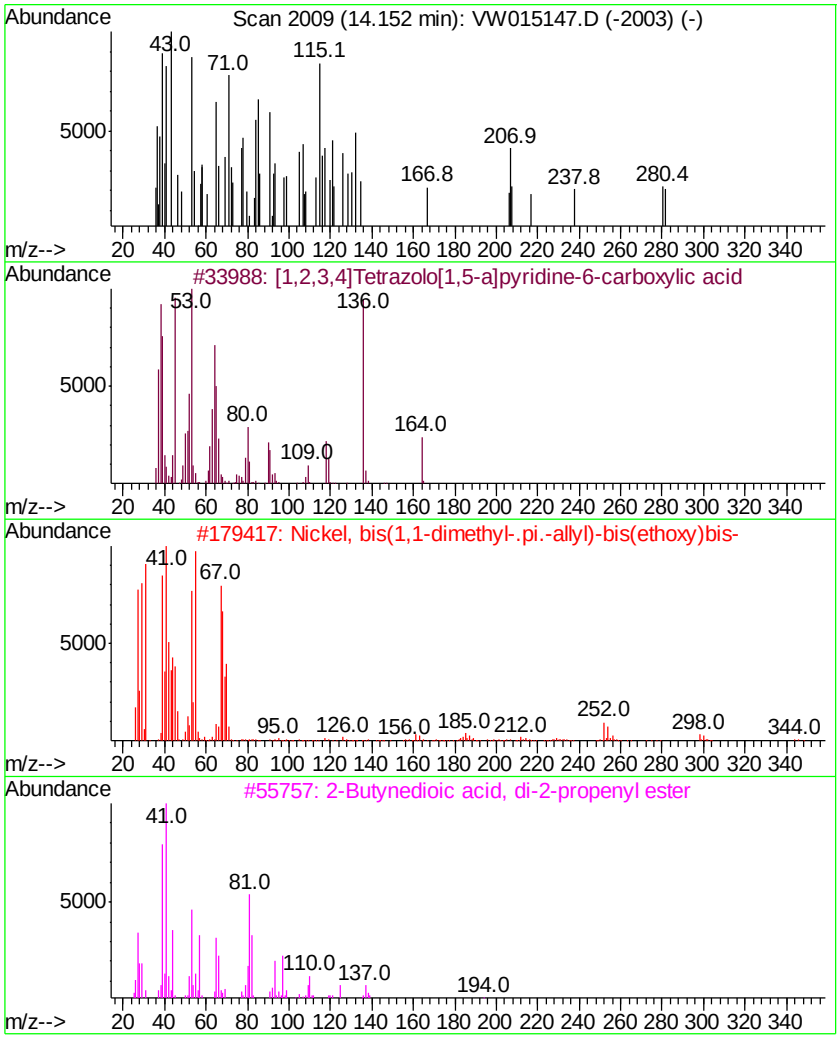
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

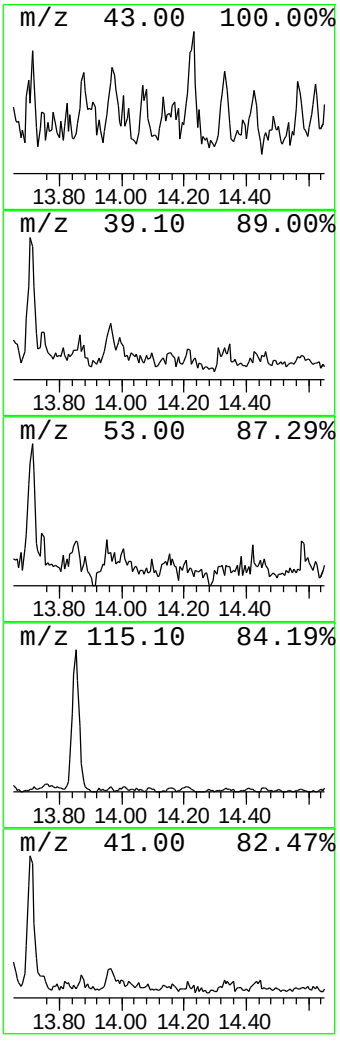
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 [1,2,3,4]Tetrazolo[1,5-a]py... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	1.26 ug/L	9341	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,3,4]Tetrazolo[1,5-a]pyridin...	164	C6H4N4O2	1000362-60-7	74
2	Nickel, bis(1,1-dimethyl-.pi.-al...	344	C14H28Ni2O2	1000062-92-4	43
3	2-Butynedioic acid, di-2-propenv...	194	C10H10O4	014447-07-5	38
4	Bicyclo[2.2.1]heptane-1-carbonyl...	192	C8H10Cl2O	085173-68-8	32
5	Furan, 2-(3-imino-3-ethoxyprop-1...	165	C9H11NO2	036878-63-4	27





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Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

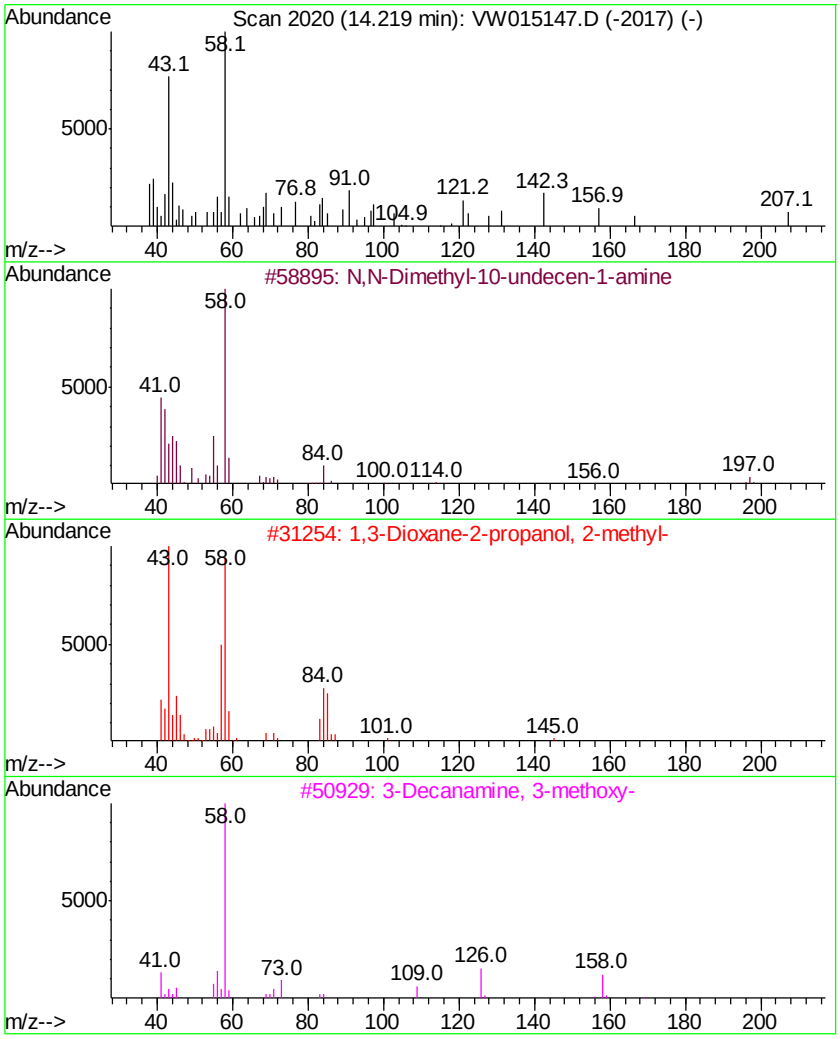
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

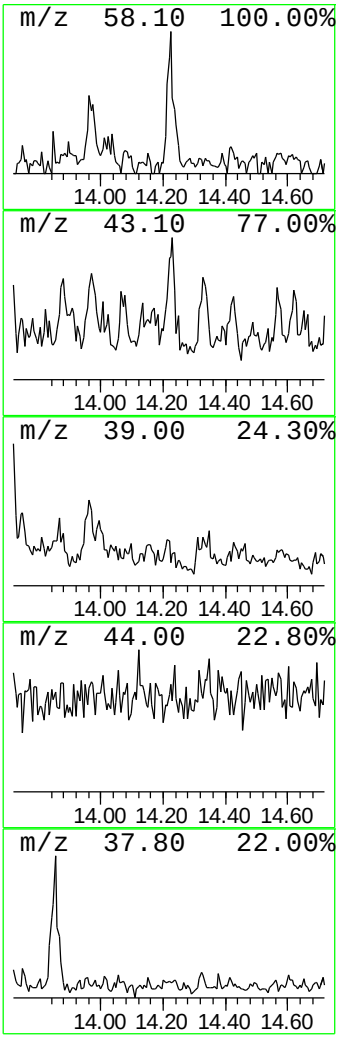
****

Peak Number 36 unknown-07 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	1.89 ug/L	14005	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyl-10-undecen-1-amine	197	C13H27N	034832-45-6	43
2	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	37
3	3-Decanamine, 3-methoxy-	187	C11H25NO	056009-24-6	37
4	Betaine Hydrochloride	153	C5H12ClNO2	000590-46-5	32
5	Methyl N-isopropyl-3,3,3-trimeth...	219	C10H21NO4	103818-69-5	32





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

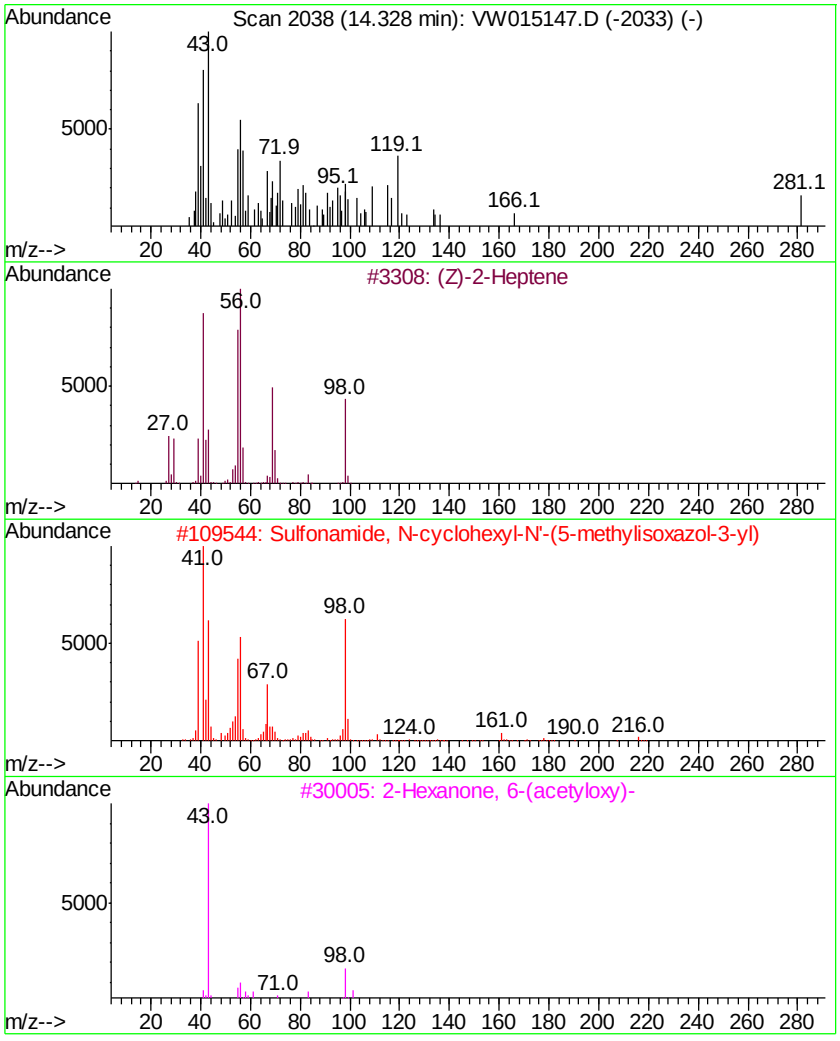
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

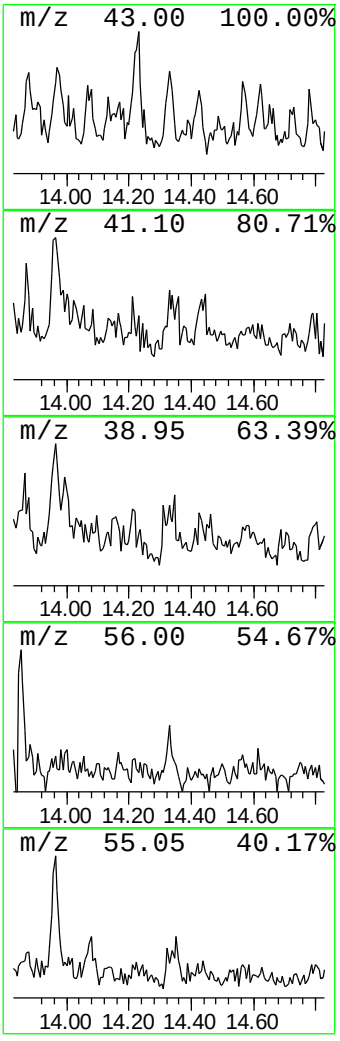
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.37 ug/L	17608	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-2-Heptene	98	C7H14	006443-92-1	30
2	Sulfonamide, N-cyclohexyl-N'-(5-...	259	C10H17N3O3S	349572-30-1	27
3	2-Hexanone, 6-(acetyloxy)-	158	C8H14O3	004305-26-4	27
4	3-Heptene	98	C7H14	000592-78-9	27
5	3-Heptene, (E)-	98	C7H14	014686-14-7	27





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

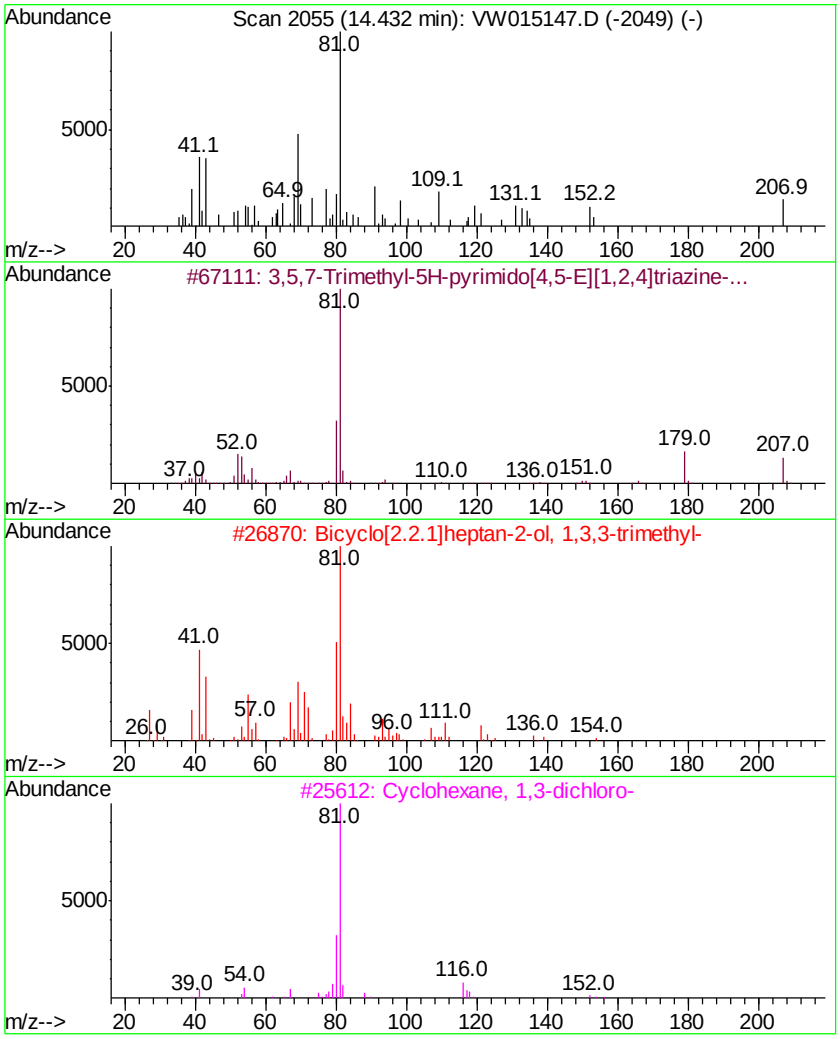
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

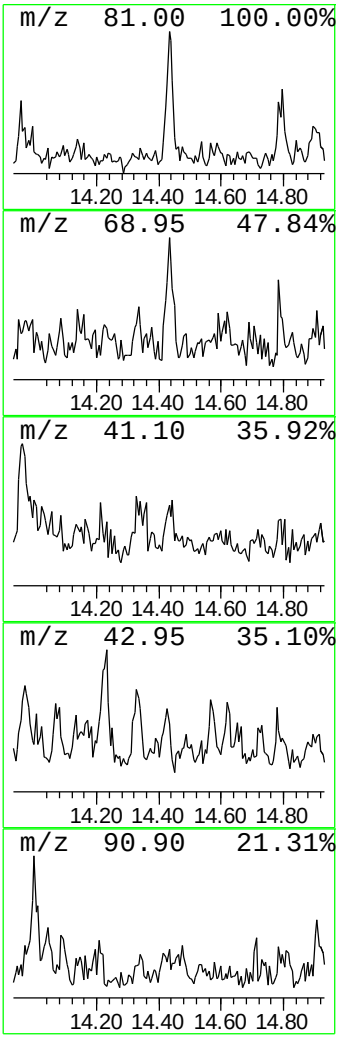
****

Peak Number 38 unknown-08 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	1.91 ug/L	14185	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5,7-Trimethyl-5H-pyrimido[4,5-...	207	C8H9N5O2	1000300-44-3	35
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	32
3	Cyclohexane, 1,3-dichloro-	152	C6H10Cl2	055887-78-0	25
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	196	C12H20O2	076109-40-5	23
5	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	14





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Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

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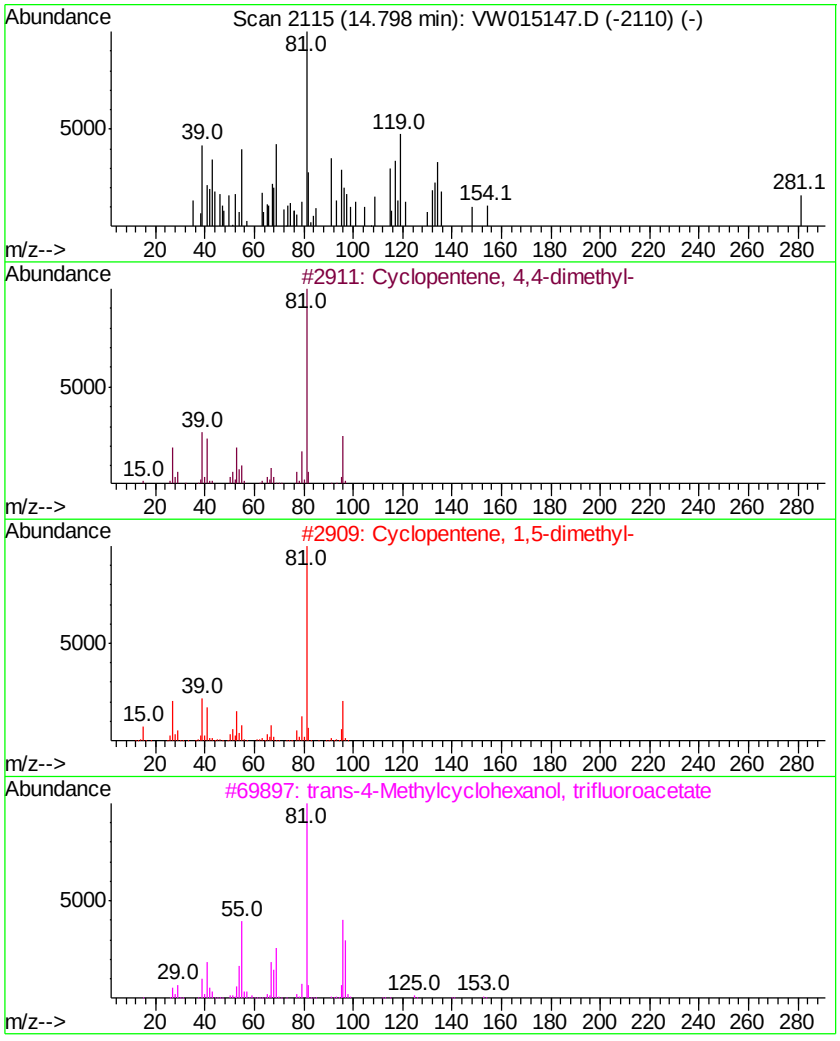
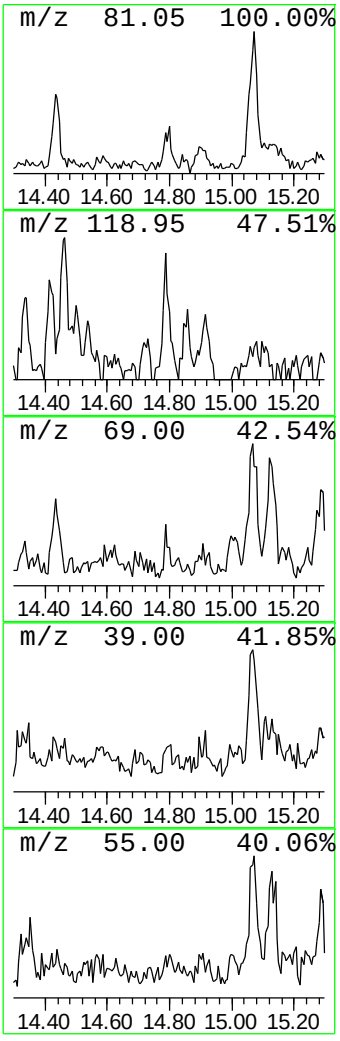
Peak Number 39 unknown-09 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.76 ug/L	13078	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	30
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	27
3	trans-4-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-8	27
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	27
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	27





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

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

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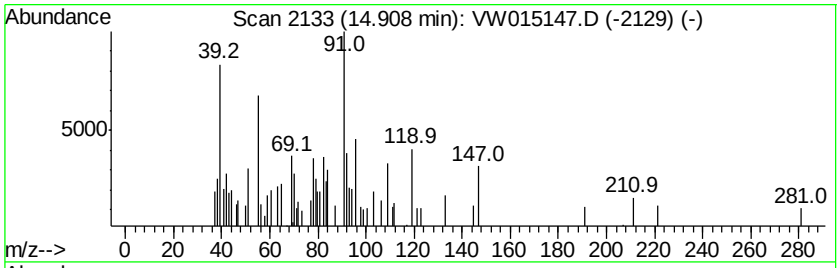
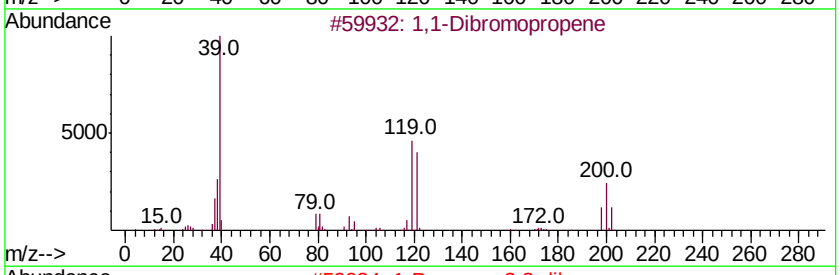
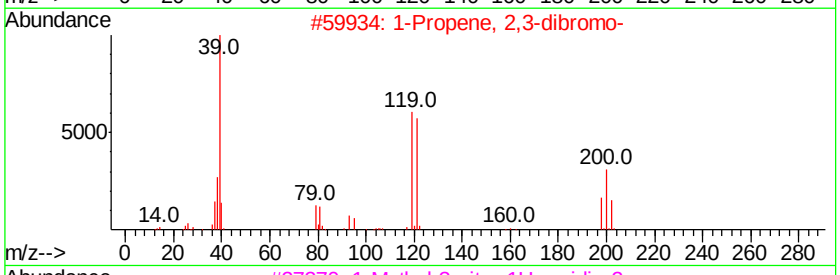
Peak Number 40 1,1-Dibromopropene Concentration Rank 44

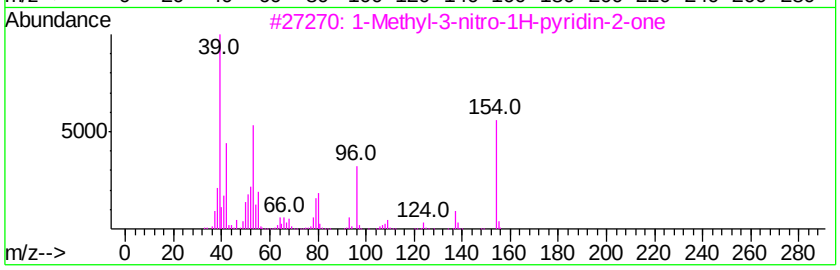
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	1.27 ug/L	9400	1,4-Dichlorobenzene-d4	13.55

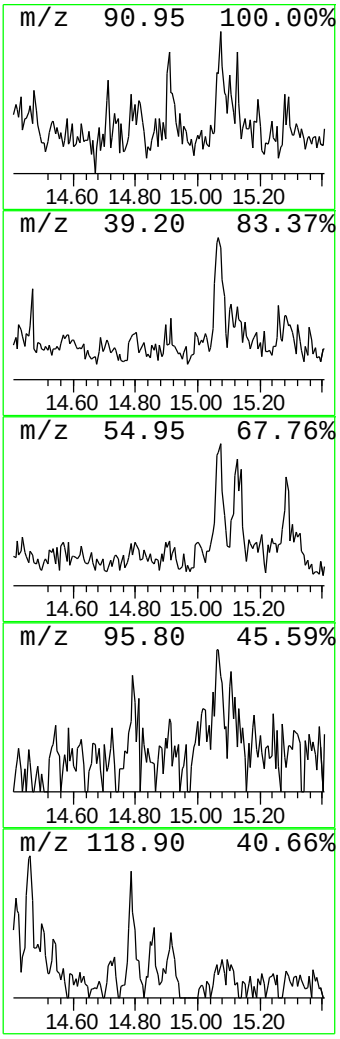
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dibromopropene	198	C3H4Br2	013195-80-7	53
2	1-Propene, 2,3-dibromo-	198	C3H4Br2	000513-31-5	42
3	1-Methyl-3-nitro-1H-pyridin-2-one	154	C6H6N2O3	032896-91-6	42
4	cis-1-Nitro-1-propene	87	C3H5NO2	027675-36-1	37
5	Methyl 3-butynoate	98	C5H6O2	032804-66-3	33











Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

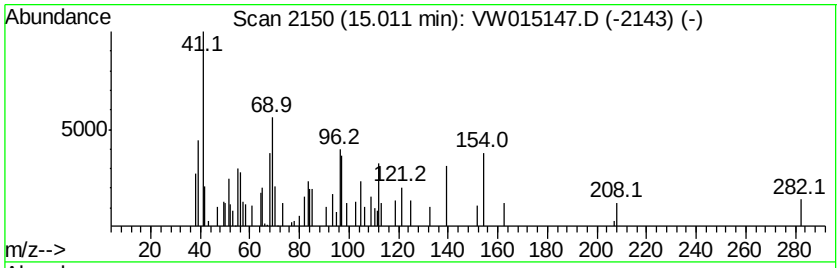
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

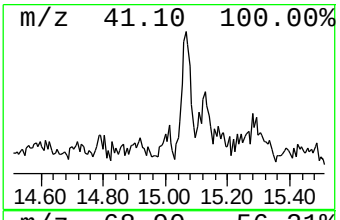
****

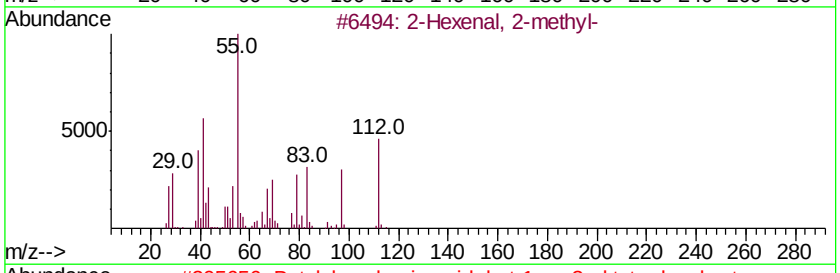
Peak Number 41 unknown-10 Concentration Rank 43

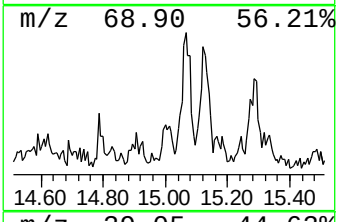
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	1.28 ug/L	9498	1,4-Dichlorobenzene-d4	13.55

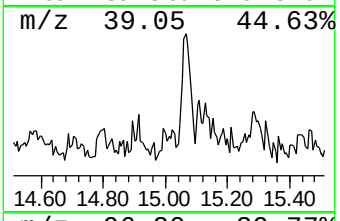
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, 2-methyl-	112	C7H12O	028467-88-1	27
2	Butylphosphonic acid, but-1-yn-3...	386	C22H43O3P	1000323-53-2	22
3	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	22
4	HEPES	238	C8H18N2O4S	007365-45-9	14
5	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	12

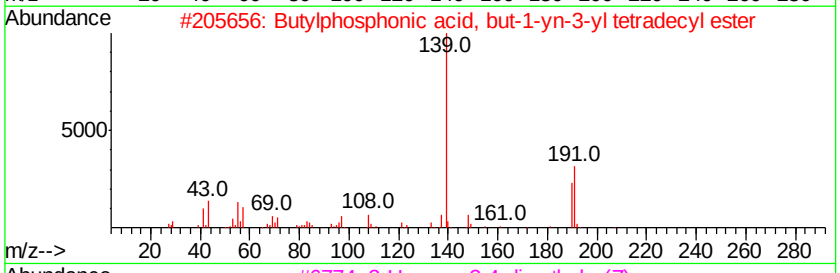


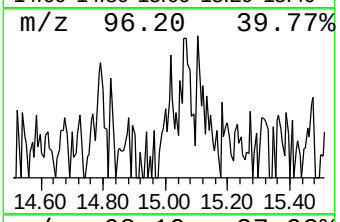


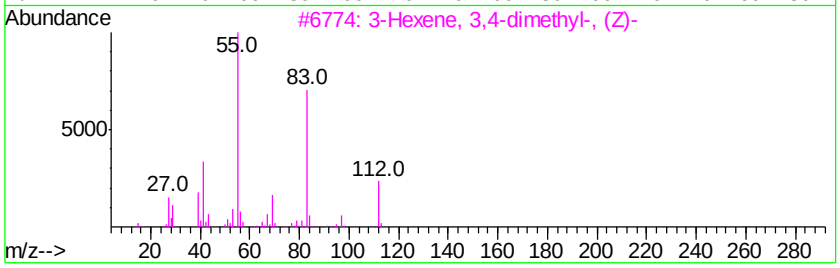


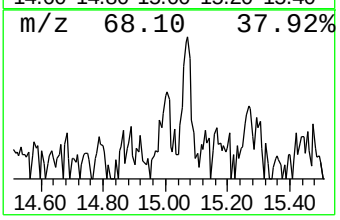












Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

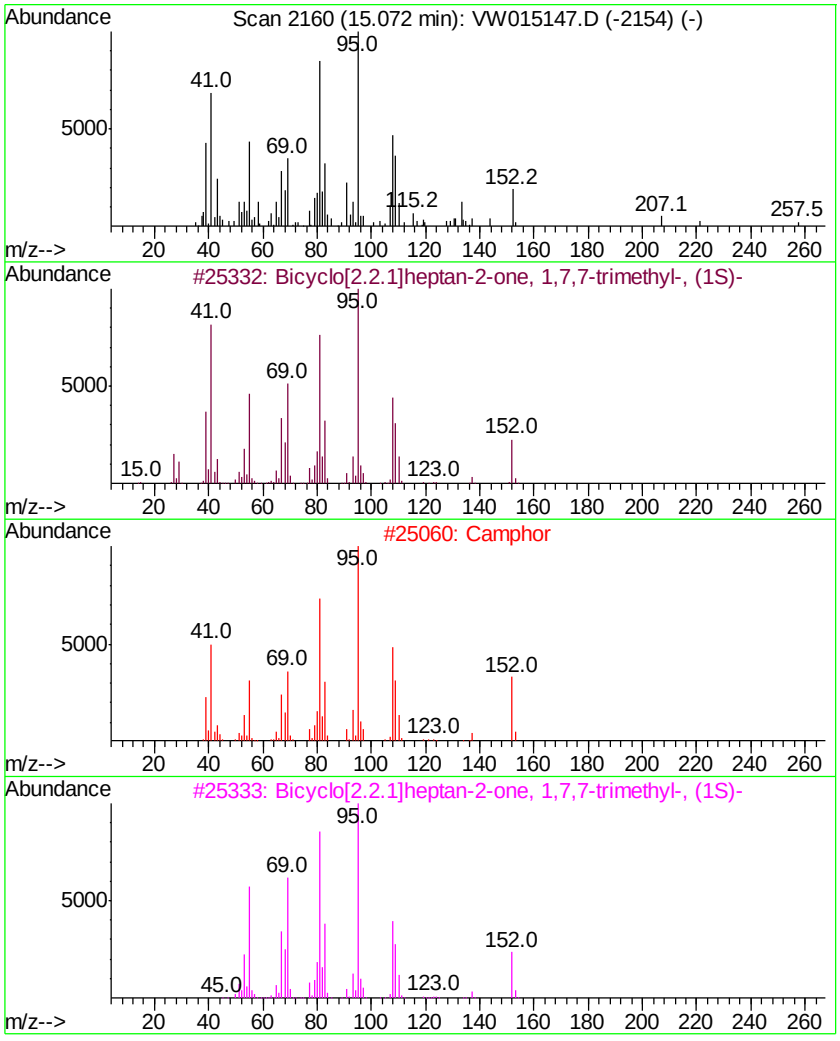
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

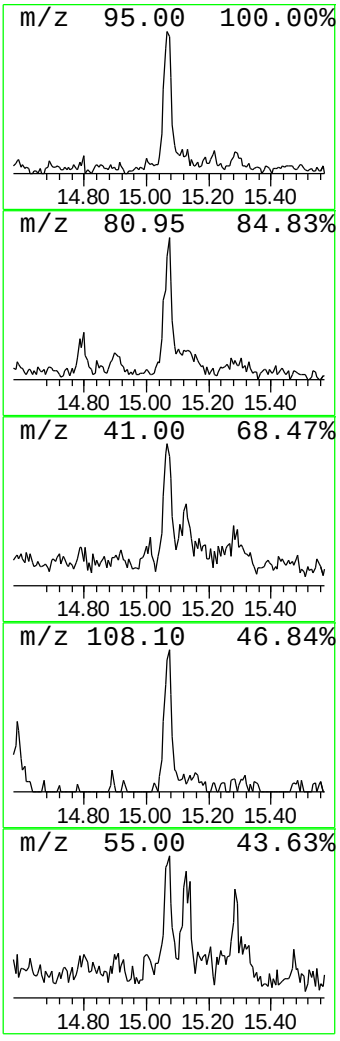
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.31 ug/L	46846	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
2	Camphor	152	C10H16O	000076-22-2	93
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

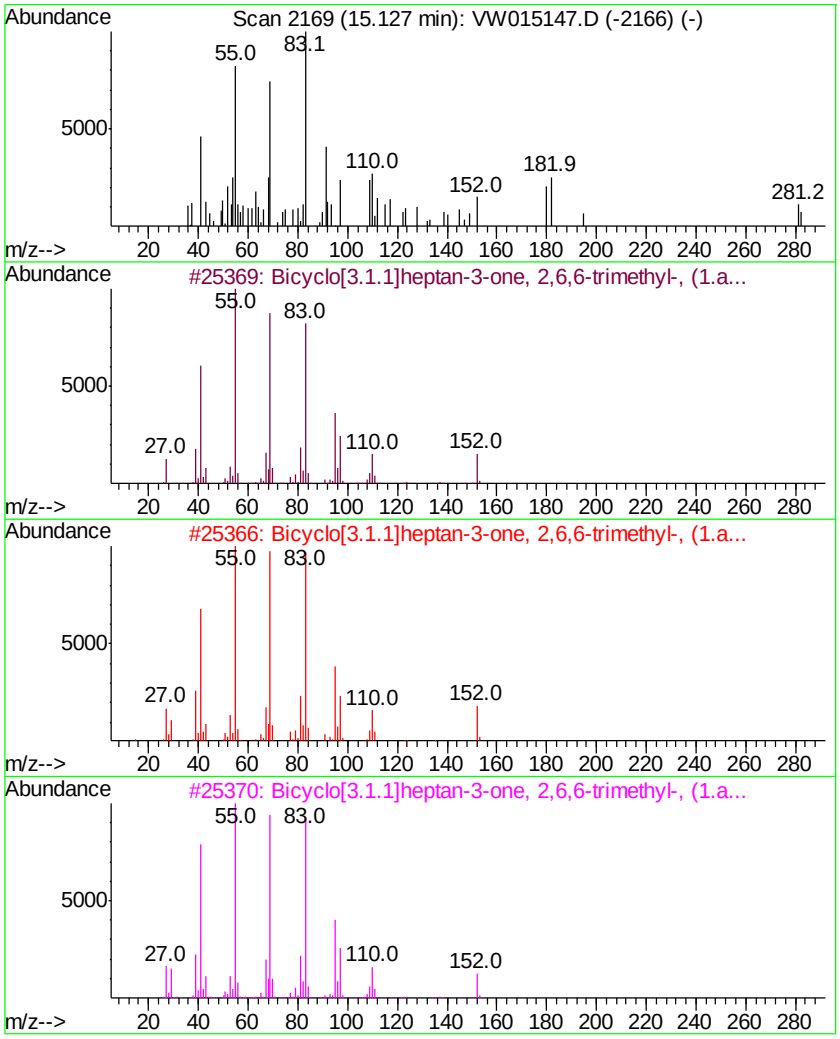
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

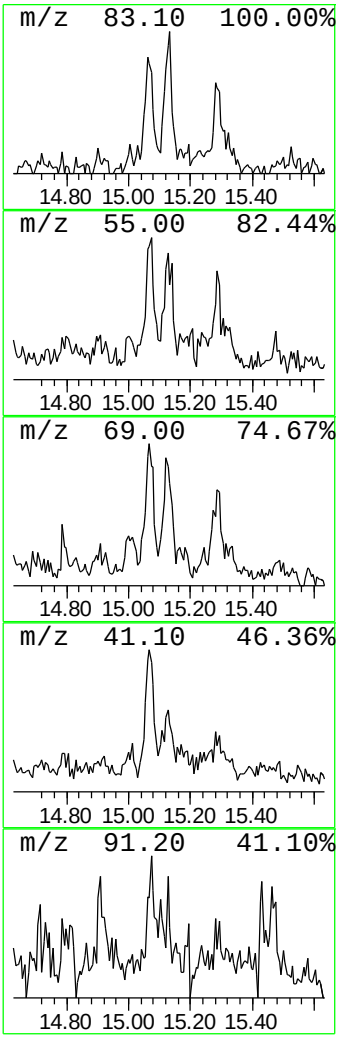
****

Peak Number 43 unknown-11 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	1.83 ug/L	13585	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	35
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

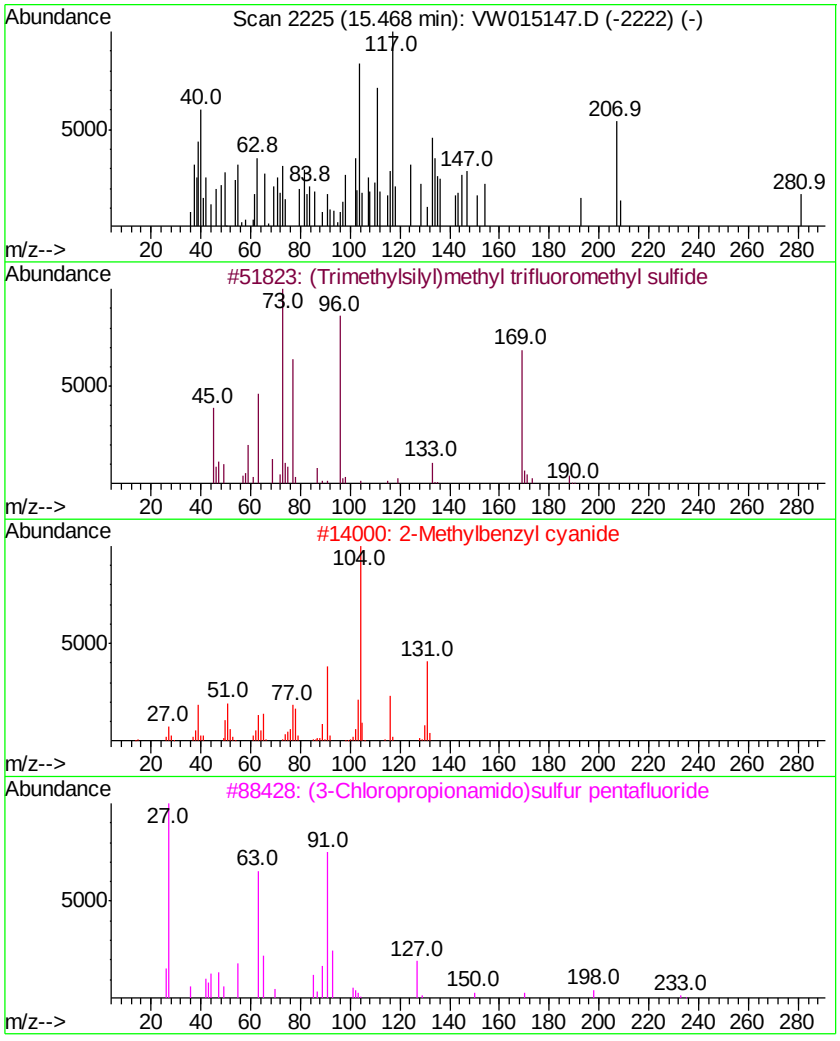
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

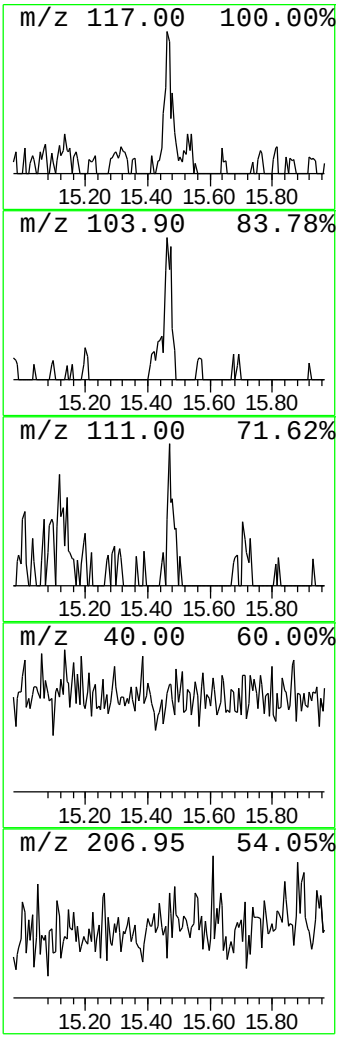
****

Peak Number 44 unknown-12 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.28 ug/L	16899	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Trimethylsilyl)methyl trifluoro...	188	C5H11F3SSi	052784-82-4	12
2	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	11
3	(3-Chloropropionamido)sulfur pen...	233	C3H5ClF5NOS	080409-44-5	10
4	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	10
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	9





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Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

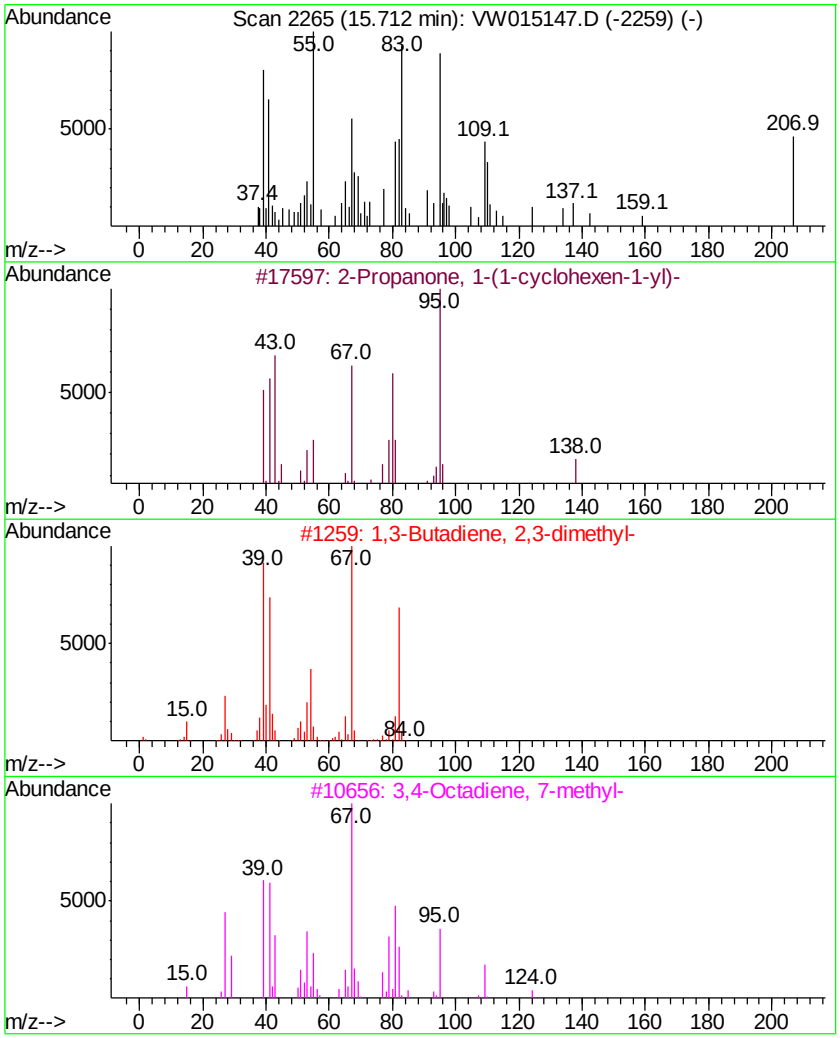
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis

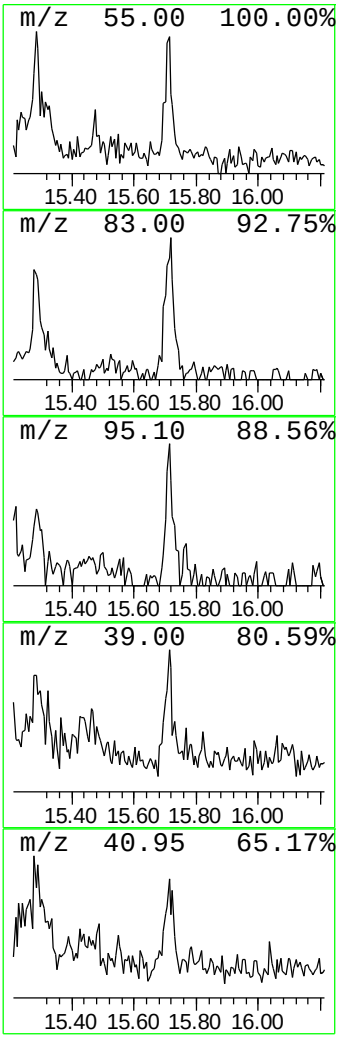
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 2-Propanone, 1-(1-cyclohexe... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.71 ug/L	20094	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O	000768-50-3	50
2	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	43
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	43
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	43
5	Cyclohex-2-enone, 3-(2H-tetrazol...	179	C7H9N5O	1000311-07-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032620\
Data File : VW015147.D
Acq On : 26 Mar 2020 12:52
Operator : SY/VA
Sample : L2045-02
Misc : 9.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.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
unknown-01	1.96	6.8	ug/L	209434	1	8.84	763940	25.0
(DEL) Alkane: Str...	3.03	3.1	ug/L	96340	1	8.84	763940	25.0
(DEL) Alkane: Str...	3.39	15.4	ug/L	469112	1	8.84	763940	25.0
(DEL) Alkane: Str...	3.59	2.6	ug/L	80424	1	8.84	763940	25.0
(DEL) Alkane: Str...	3.85	3.0	ug/L	93175	1	8.84	763940	25.0
(DEL) Alkane: Str...	5.43	2.2	ug/L	66877	1	8.84	763940	25.0
(DEL) Alkane: Cyc...	5.75	1.8	ug/L	54969	1	8.84	763940	25.0
(DEL) Alkane: Str...	5.94	8.1	ug/L	248568	1	8.84	763940	25.0
(DEL) Alkane: Str...	6.29	9.0	ug/L	274481	1	8.84	763940	25.0
(DEL) Alkane: Str...	7.92	2.1	ug/L	63847	1	8.84	763940	25.0
(DEL) Alkane: Str...	8.04	1.3	ug/L	39248	1	8.84	763940	25.0
(DEL) Alkane: Str...	8.15	3.0	ug/L	91156	1	8.84	763940	25.0
(DEL) Alkane: Str...	8.70	7.0	ug/L	213357	1	8.84	763940	25.0
(DEL) Alkane: Str...	10.51	57.9	ug/L	1085660	2	11.63	468819	25.0
Tricyclo[2.2.1.0(...	12.37	5.3	ug/L	100125	2	11.63	468819	25.0
(1R)-2,6,6-Trimet...	12.47	32.5	ug/L	608634	2	11.63	468819	25.0
unknown-02	12.81	2.9	ug/L	21177	3	13.55	185620	25.0
Benzene, 1-ethyl-...	12.87	1.8	ug/L	13046	3	13.55	185620	25.0
unknown-03	12.93	7.6	ug/L	56459	3	13.55	185620	25.0
.beta.-Pinene	13.02	55.2	ug/L	409831	3	13.55	185620	25.0
Cyclohexene, 1,5,...	13.18	16.0	ug/L	118856	3	13.55	185620	25.0
3-Octanone	13.21	6.8	ug/L	50723	3	13.55	185620	25.0
3-Carene	13.27	21.4	ug/L	159277	3	13.55	185620	25.0
Benzene, (1-methy...	13.38	12.1	ug/L	89438	3	13.55	185620	25.0
D-Limonene	13.47	25.6	ug/L	190036	3	13.55	185620	25.0
o-Cymene	13.49	55.5	ug/L	411704	3	13.55	185620	25.0
unknown-04	13.62	3.0	ug/L	22652	3	13.55	185620	25.0
2-Methyl-3-trans-...	13.65	2.9	ug/L	21498	3	13.55	185620	25.0
Citral	13.71	9.7	ug/L	72300	3	13.55	185620	25.0
unknown-05	13.75	2.5	ug/L	18794	3	13.55	185620	25.0
Cyclohexane, (met...	13.96	4.2	ug/L	31233	3	13.55	185620	25.0
unknown-06	14.00	1.3	ug/L	9569	3	13.55	185620	25.0
[1,2,3,4]Tetrazol...	14.15	1.3	ug/L	9341	3	13.55	185620	25.0
unknown-07	14.22	1.9	ug/L	14005	3	13.55	185620	25.0
(DEL) Alkane: Str...	14.33	2.4	ug/L	17608	3	13.55	185620	25.0
unknown-08	14.43	1.9	ug/L	14185	3	13.55	185620	25.0
unknown-09	14.80	1.8	ug/L	13078	3	13.55	185620	25.0
1,1-Dibromopropene	14.91	1.3	ug/L	9400	3	13.55	185620	25.0
unknown-10	15.01	1.3	ug/L	9498	3	13.55	185620	25.0
Bicyclo[2.2.1]hep...	15.07	6.3	ug/L	46846	3	13.55	185620	25.0
unknown-11	15.13	1.8	ug/L	13585	3	13.55	185620	25.0
unknown-12	15.47	2.3	ug/L	16899	3	13.55	185620	25.0
2-Propanone, 1-(1...	15.71	2.7	ug/L	20094	3	13.55	185620	25.0