LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

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\SOM2WLM091520S.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	2.367	67	76	91	rBV	99954	221993	1.34%	0.373%
2	2.910	156	165	179	rBV	75811	215805	1.30%	0.363%
3	4.031	337	349	363	rBV	209551	646486	3.90%	1.087%
4	4.970	478	503	519	rBV4	85812	507160	3.06%	0.853%
5	5.452	567	582	609	rVV	385651	1410994	8.51%	2.372%
6	5.952	653	664	677	rVB3	28688	86419	0.52%	0.145%
7	6.732	776	792	807	rBV	355876	1430999	8.63%	2.406%
8	6.885	807	817	829	rVB	380906	1181568	7.13%	1.986%
9	7.086	843	850	853	rBV	33991	79571	0.48%	0.134%
10	7.147	854	860	890	rVB2	86368	324237	1.96%	0.545%
11	7.653	932	943	973	rVB	321839	867595	5.23%	1.459%
12	8.043	998	1007	1019	rVB2	28711	73456	0.44%	0.123%
13	8.281	1035	1046	1062	rBV2	611330	1774825	10.71%	2.984%
14	8.427	1062	1070	1079	rBV5	11360	30277	0.18%	0.051%
15	8.848	1130	1139	1154	rBV	1135060	2217663	13.38%	3.728%
16	9.079	1167	1177	1185	rBV	102420	220752	1.33%	0.371%
17	9.281	1201	1210	1223	rBV	404983	946792	5.71%	1.592%
18	9.390	1223	1228	1237	rVB2	22832	45932	0.28%	0.077%
19	9.610	1254	1264	1271	rVB3	57706	134453	0.81%	0.226%
20	9.756	1280	1288	1300	rVB2	93810	192455	1.16%	0.324%
21	9.902	1303	1312	1316	rBV	64340	121659	0.73%	0.205%
22	9.945	1316	1319	1323	rVV	20527	35723	0.22%	0.060%
23	9.994	1323	1327	1329	rVV2	27655	43467	0.26%	0.073%
24	10.037	1329	1334	1339	rVV	214868	408967	2.47%	0.688%
25	10.085	1339	1342	1347	rVV2	97898	186910	1.13%	0.314%
26	10.134	1347	1350	1358	rVB3	41790	70499	0.43%	0.119%
27	10.244	1358	1368	1374	rBV4	48835	143206	0.86%	0.241%
28	10.329	1374	1382	1396	rBV	1020918	1931450	11.65%	3.247%
29	10.451	1396	1402	1404	rVV	40360	64389	0.39%	0.108%
30	10.494	1404	1409	1417	rVB	166749	343612	2.07%	0.578%
31	10.585	1417	1424	1429	rBV	138636	276618	1.67%	0.465%
32	10.671	1432	1438	1448	rVV2	535092	1055832	6.37%	1.775%
33	10.762	1448	1453	1459	rVV	222324	419926	2.53%	0.706%
34	10.811	1459	1461	1464	rVV2	21587	28841	0.17%	0.048%

LSC Area Percent Report

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Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

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\SOM2WLM091520S.M
Title : VOC Analysis

35	10.853	1464	1468	1472	rVB2	15196	24150	0.15%	0.041%
36	10.927	1472	1480	1489	rBV	155487	285091	1.72%	0.479%
37	11.067	1498	1503	1508	rVB	71561	115894	0.70%	0.195%
38	11.146	1508	1516	1525	rVB3	70635	141739	0.86%	0.238%
39	11.231	1525	1530	1536	rBV	173868	298409	1.80%	0.502%
40	11.286	1536	1539	1544	rVB	34034	47035	0.28%	0.079%
41	11.335	1544	1547	1552	rVB4	18216	27588	0.17%	0.046%
42	11.439	1558	1564	1572	rVB2	65694	123216	0.74%	0.207%
43	11.634	1588	1596	1606	rBV	1523791	2718181	16.40%	4.570%
44	11.731	1606	1612	1615	rBV3	33178	56619	0.34%	0.095%
45	11.768	1615	1618	1622	rVB2	15549	22610	0.14%	0.038%
46	11.878	1631	1636	1640	rBV2	20840	38608	0.23%	0.065%
47	12.042	1657	1663	1671	rVB3	16148	33292	0.20%	0.056%
48	12.140	1671	1679	1685	rBV4	36533	94384	0.57%	0.159%
49	12.304	1701	1706	1708	rBV	18516	29227	0.18%	0.049%
50	12.341	1708	1712	1716	rVV2	37838	71627	0.43%	0.120%
51	12.390	1716	1720	1722	rVV2	22608	37884	0.23%	0.064%
52	12.420	1722	1725	1728	rVV5	19029	34547	0.21%	0.058%
53	12.469	1728	1733	1739	rVV2	51206	103726	0.63%	0.174%
54	12.609	1751	1756	1763	rVB	162355	258629	1.56%	0.435%
55	12.695	1763	1770	1778	rBV	284871	492919	2.97%	0.829%
56	12.804	1779	1788	1793	rVB3	57331	150289	0.91%	0.253%
57	12.871	1793	1799	1800	rBV6	15388	28710	0.17%	0.048%
58	12.945	1805	1811	1817	rVV5	44147	111213	0.67%	0.187%
59	13.085	1830	1834	1838	rVB4	12958	18050	0.11%	0.030%
60	13.176	1844	1849	1857	rVB7	31265	78774	0.48%	0.132%
61	13.262	1857	1863	1865	rBV3	18653	33146	0.20%	0.056%
62	13.298	1865	1869	1873	rVV3	29047	56554	0.34%	0.095%
63	13.383	1875	1883	1888	rVV3	158445	400904	2.42%	0.674%
64	13.444	1888	1893	1896	rVV2	62264	128523	0.78%	0.216%
65	13.499	1896	1902	1907	rVV	1890502	3064622	18.49%	5.152%
66	13.560	1907	1912	1921	rVV2	1556894	3123230	18.84%	5.251%
67	13.652	1921	1927	1931	rVV3	33034	64746	0.39%	0.109%
68	13.719	1932	1938	1942	rVV	571569	874387	5.28%	1.470%
69	13.755	1942	1944	1948	rVV	131526	206598	1.25%	0.347%
70	13.804	1948	1952	1955	rVV	319583	496444	3.00%	0.835%
71	13.853	1955	1960	1975	rVB2	781103	1661251	10.02%	2.793%

LSC Area Percent Report

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Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

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\SOM2WLM091520S.M
Title : VOC Analysis

72	14.072	1989	1996	2004	rBV5	84096	199369	1.20%	0.335%
73	14.200	2004	2017	2022	rBV3	491242	1180292	7.12%	1.984%
74	14.255	2022	2026	2028	rBV2	132587	212641	1.28%	0.357%
75	14.316	2033	2036	2043	rVB2	149734	251127	1.52%	0.422%
76	14.389	2043	2048	2050	rBV2	112006	186779	1.13%	0.314%
77	14.420	2050	2053	2060	rVB3	314465	514152	3.10%	0.864%
78	14.499	2060	2066	2071	rBV	593933	891312	5.38%	1.498%
79	14.603	2076	2083	2087	rBV	486696	801074	4.83%	1.347%
80	14.694	2093	2098	2104	rBV3	169129	318625	1.92%	0.536%
81	14.810	2109	2117	2123	rVB	444274	727407	4.39%	1.223%
82	14.877	2123	2128	2131	rBV2	109154	201334	1.21%	0.338%
83	14.914	2131	2134	2140	rVB	92430	165439	1.00%	0.278%
84	14.993	2140	2147	2149	rBV	90979	172321	1.04%	0.290%
85	15.030	2149	2153	2155	rBV3	94497	140643	0.85%	0.236%
86	15.060	2155	2158	2162	rVB3	145641	224635	1.36%	0.378%
87	15.133	2162	2170	2177	rBV	10064261	16574001	100.00%	27.863%
88	15.273	2187	2193	2198	rVB2	59891	114710	0.69%	0.193%
89	15.328	2198	2202	2206	rBV3	43503	71750	0.43%	0.121%
90	15.426	2211	2218	2222	rBV2	210663	424056	2.56%	0.713%
91	15.475	2222	2226	2230	rBV	131936	225422	1.36%	0.379%
92	15.657	2248	2256	2264	rBV	219094	447913	2.70%	0.753%
93	15.822	2274	2283	2293	rBV5	75090	253354	1.53%	0.426%
94	15.950	2299	2304	2310	rBV	132332	262174	1.58%	0.441%
95	16.017	2310	2315	2330	rVB6	100712	360266	2.17%	0.606%
96	16.176	2333	2341	2351	rBV3	141938	353045	2.13%	0.594%
97	16.377	2364	2374	2380	rBV2	183606	452281	2.73%	0.760%
98	16.444	2380	2385	2398	rVB5	72574	238076	1.44%	0.400%
99	16.651	2410	2419	2424	rBV6	62320	169289	1.02%	0.285%
100	16.700	2424	2427	2433	rVB2	32742	56325	0.34%	0.095%

Sum of corrected areas: 59483159

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
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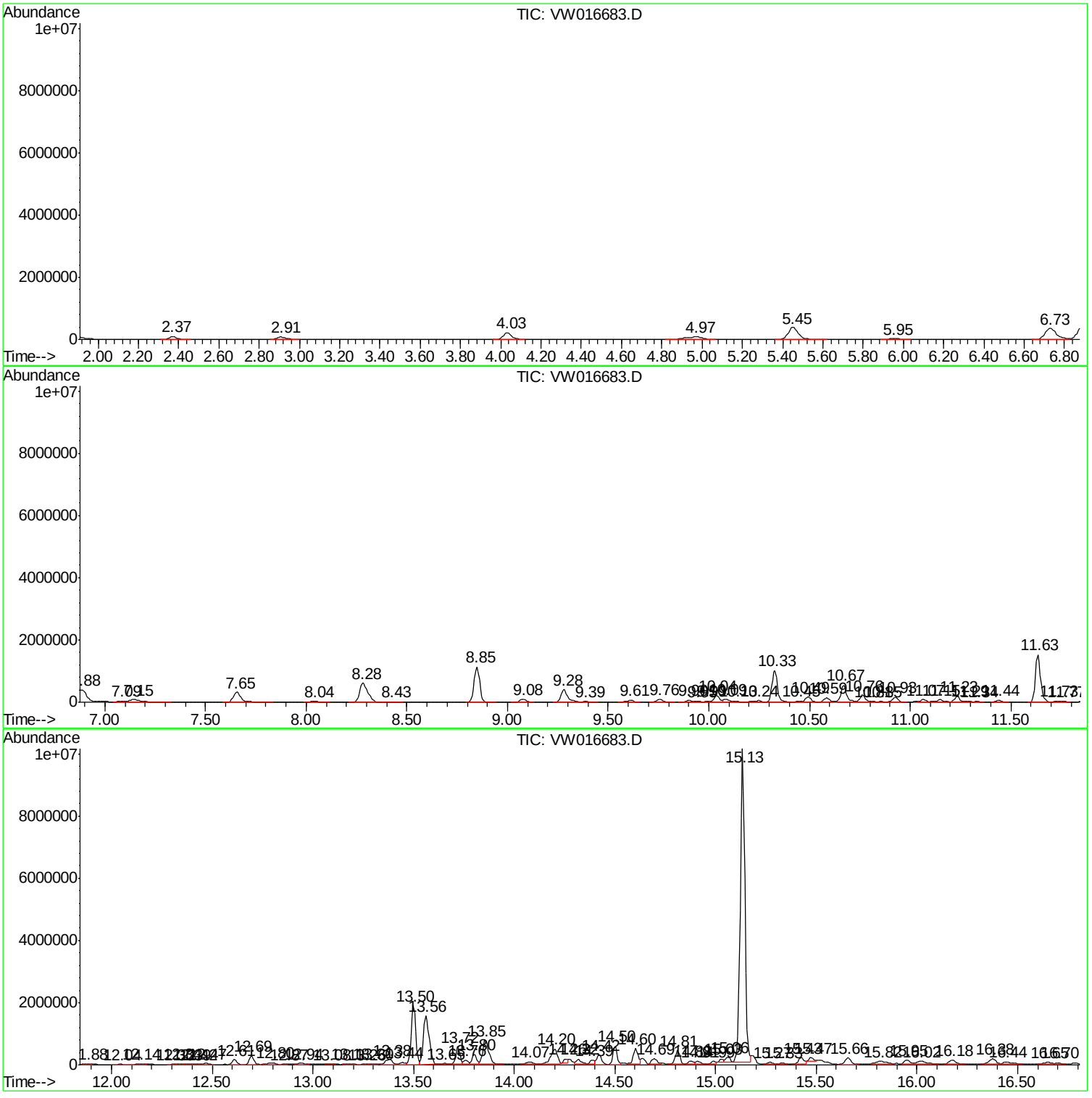
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

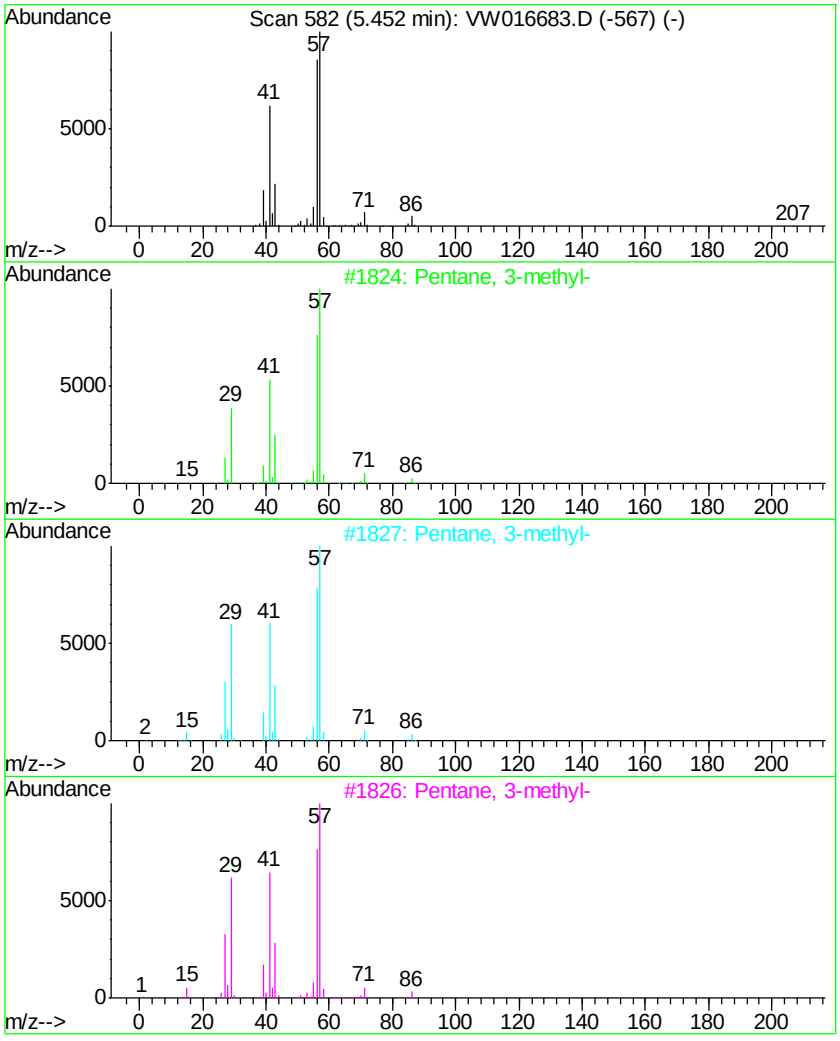
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

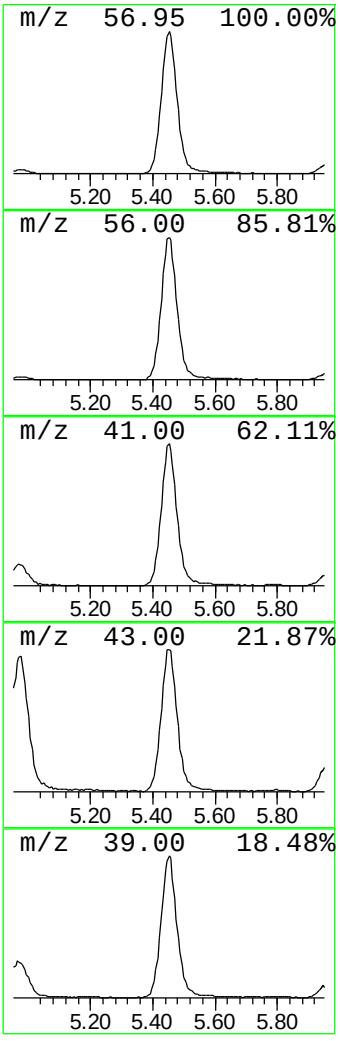
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	15.91 ug/L	1410990	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

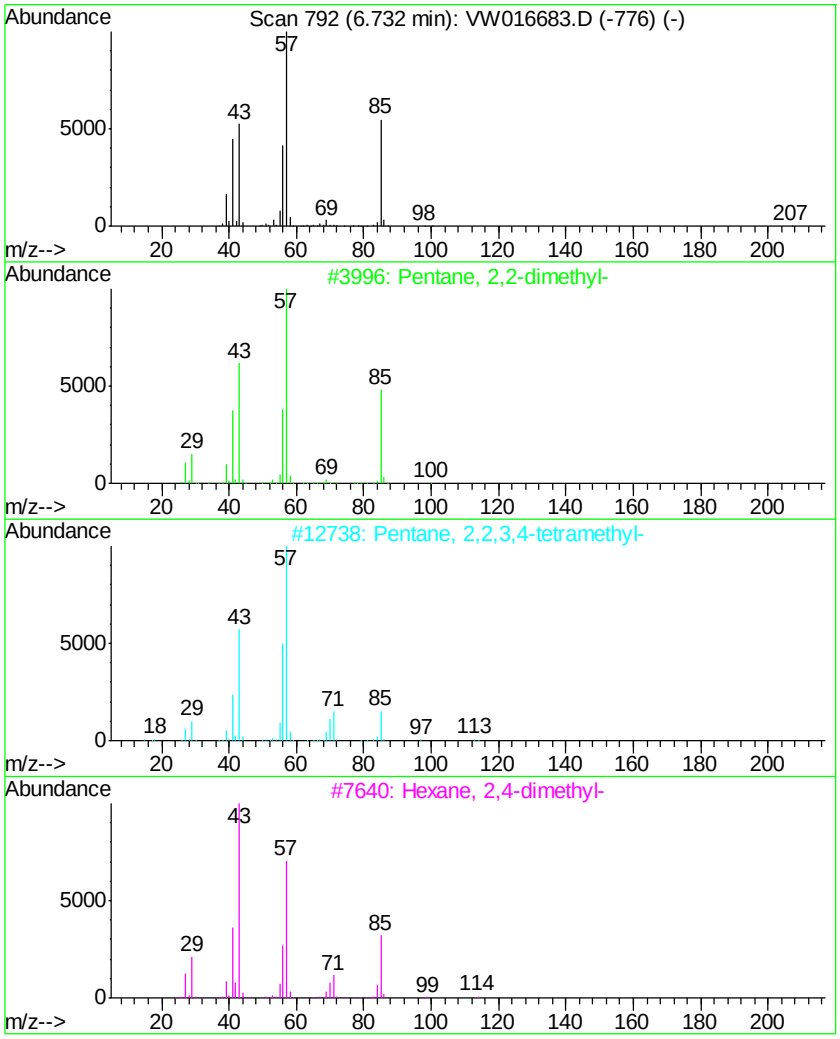
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

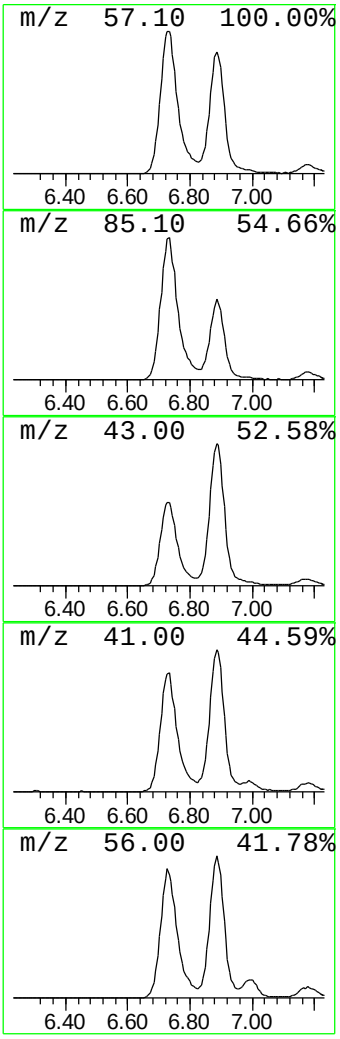
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	16.13 ug/L	1431000	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





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Sample : L4171-03RE
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

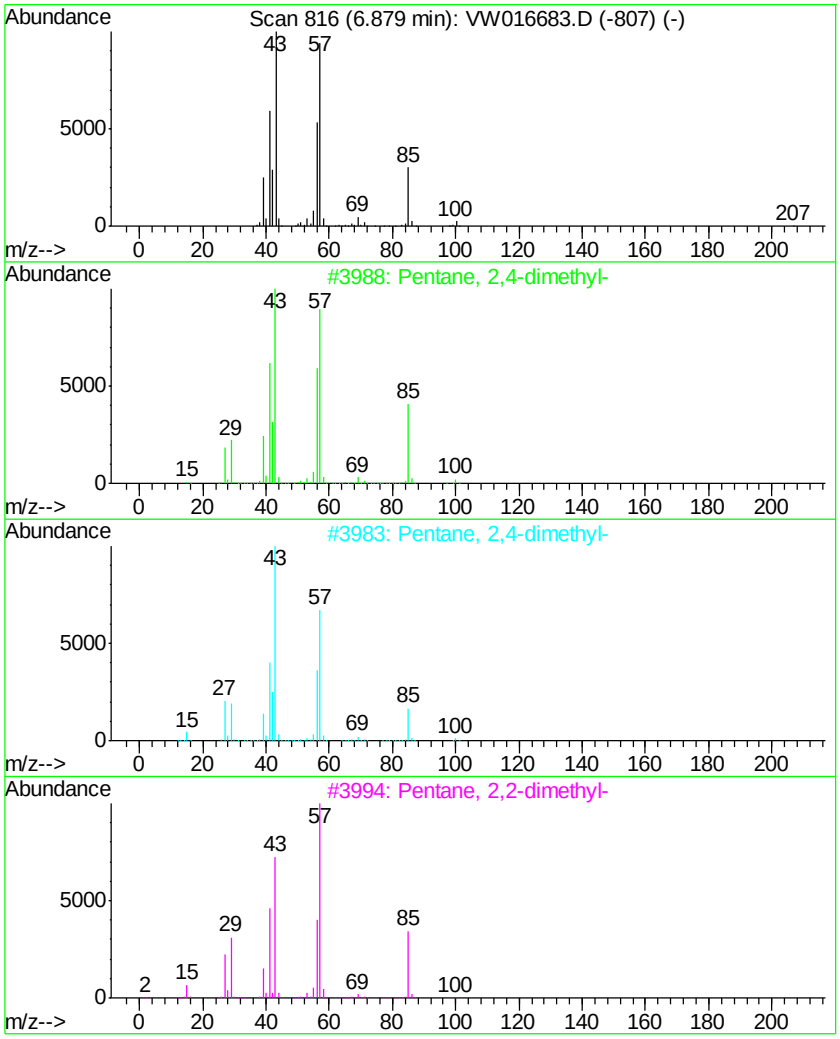
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

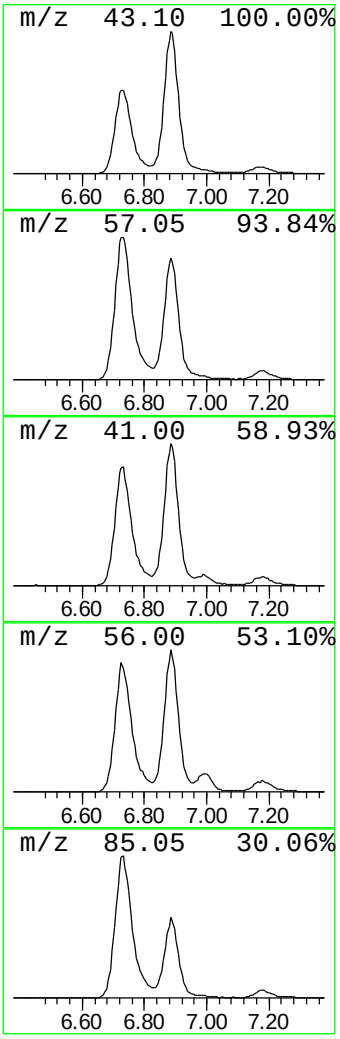
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	13.32 ug/L	1181570	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

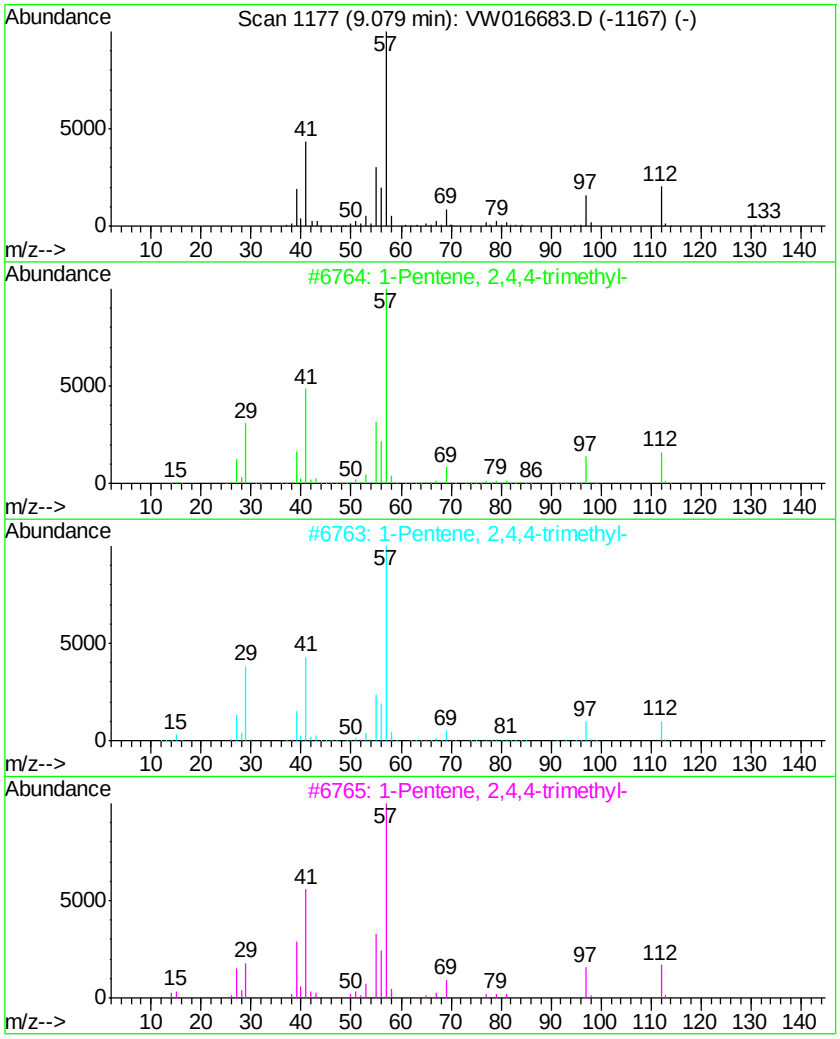
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

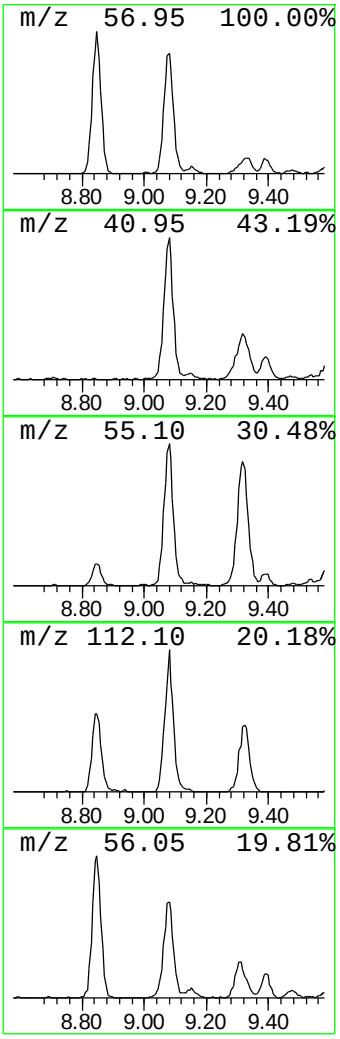
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	2.49 ug/L	220752	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	78
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

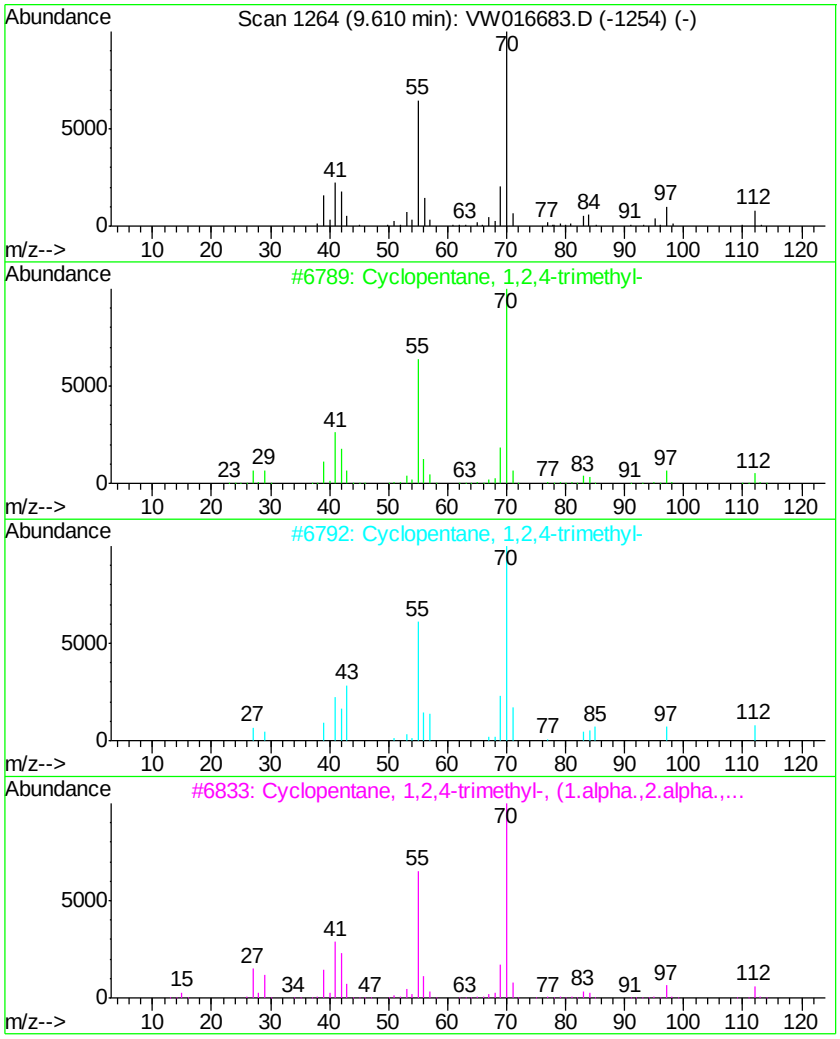
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

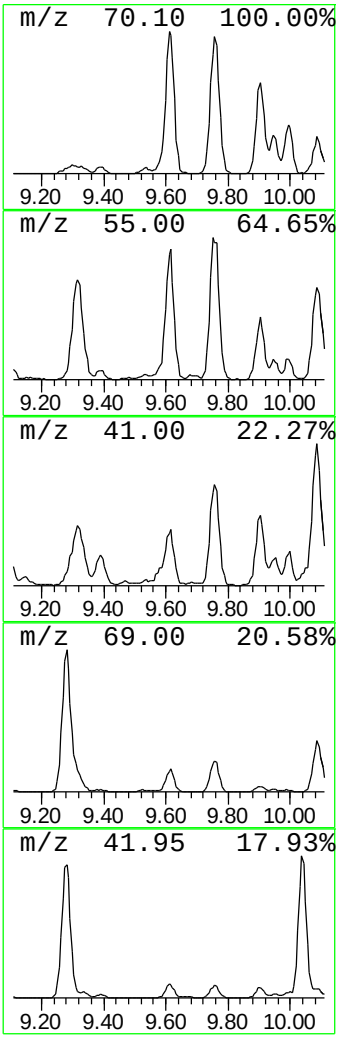
****

Peak Number 6 (DEL) Alkane: Cyclic9.61 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	1.52 ug/L	134453	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	80
5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

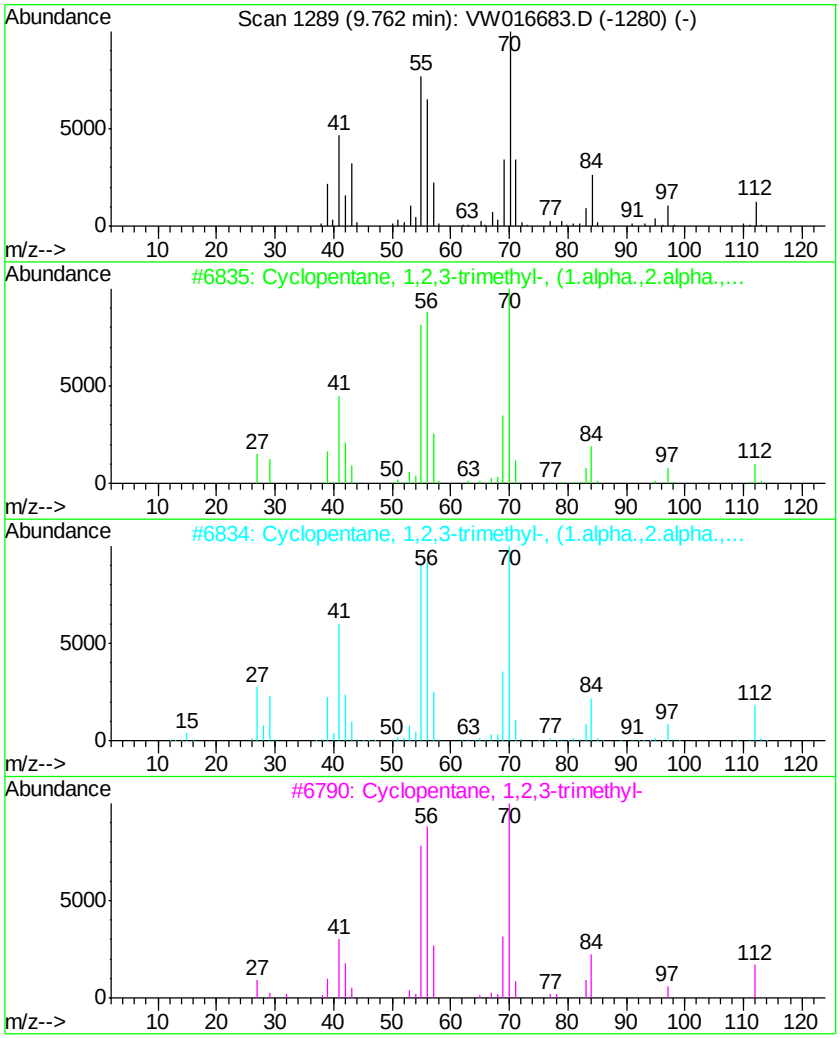
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

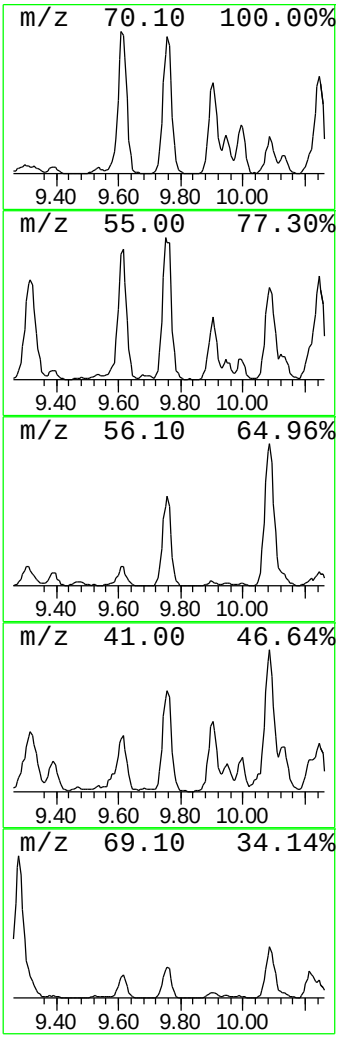
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.76 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	2.17 ug/L	192455	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	87
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	81
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	74
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	58
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

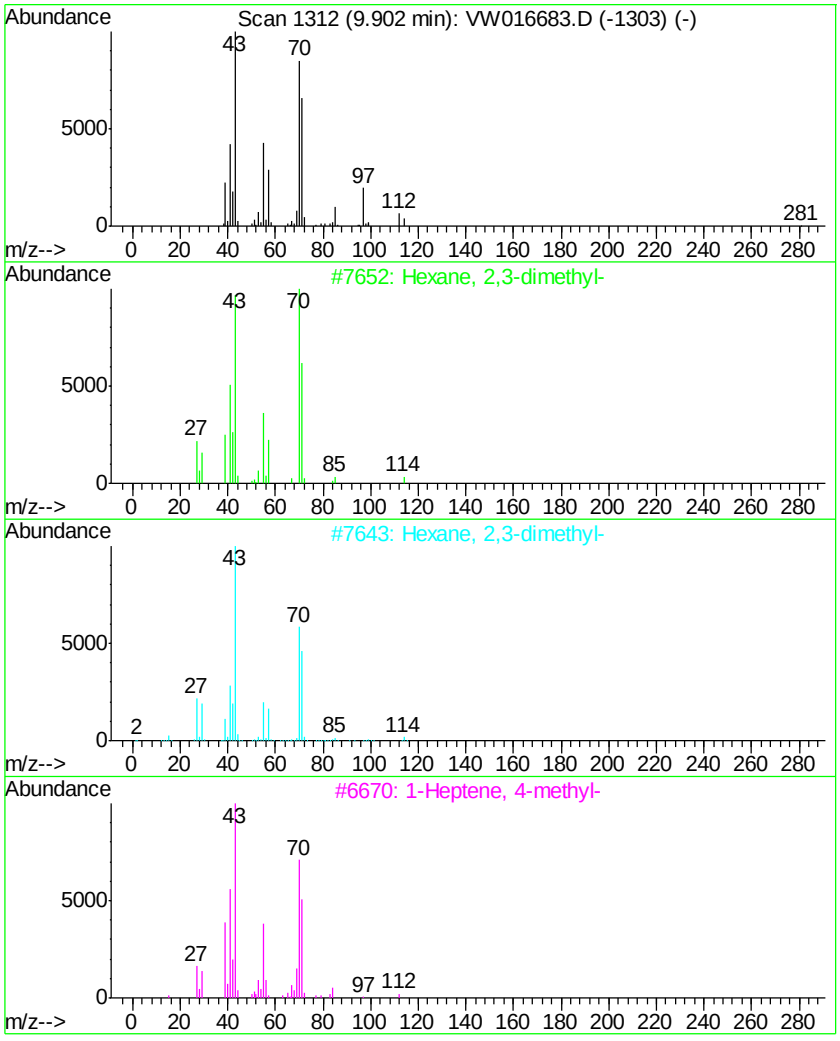
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

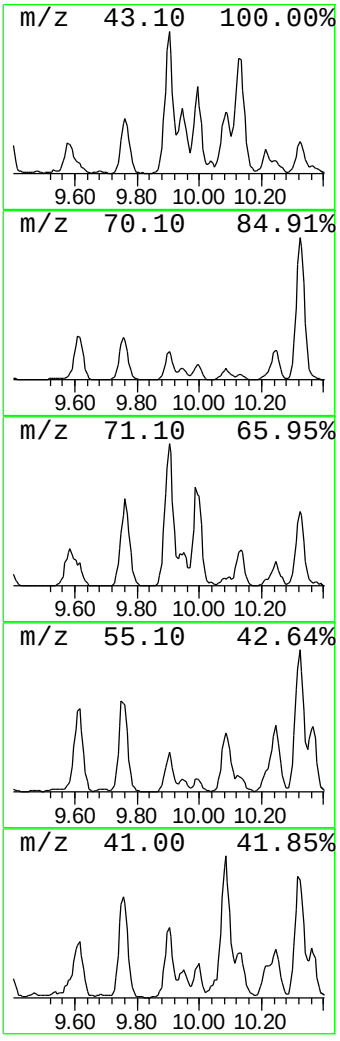
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.37 ug/L	121659	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	74
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

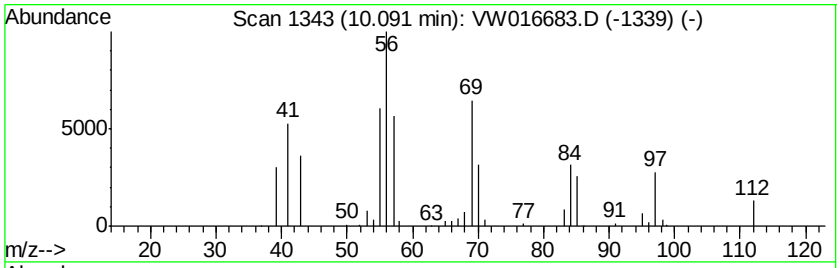
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

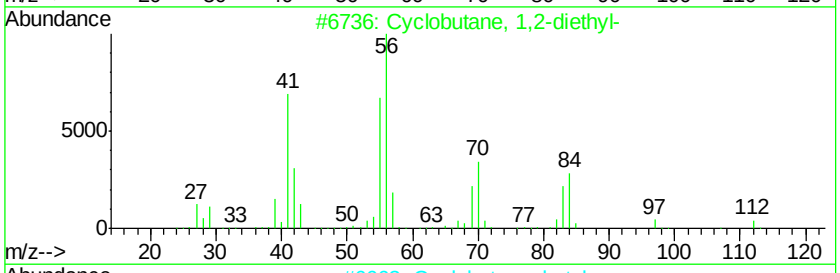
****

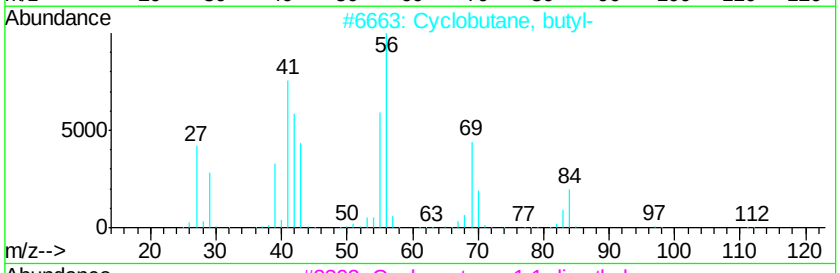
Peak Number 10 (DEL) Alkane: Cyclic10.09 Concentration Rank 25

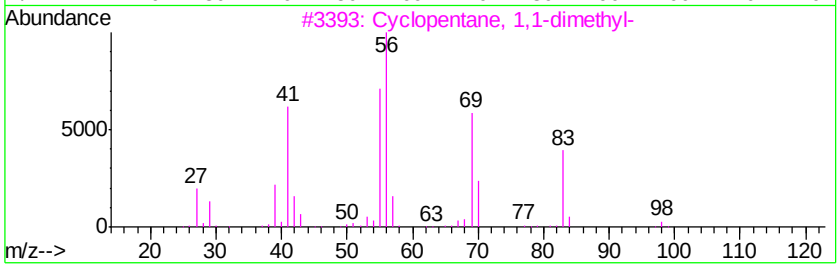
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.11 ug/L	186910	1,4-Difluorobenzene	8.85

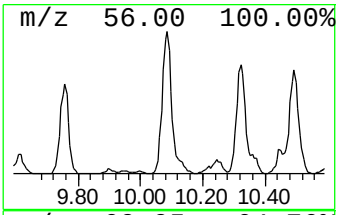
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	59
2	Cyclobutane, butyl-	112	C8H16	013152-44-8	53
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	52
4	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	52
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	49

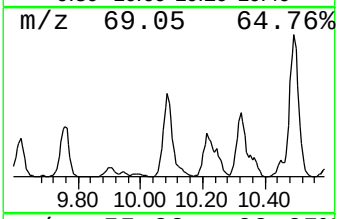


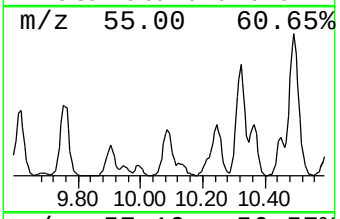


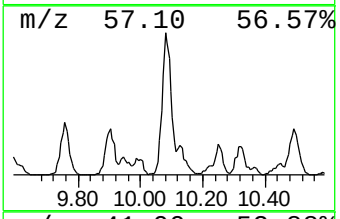


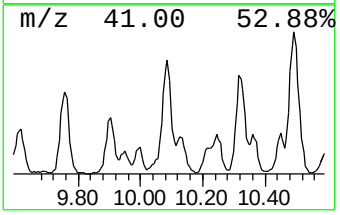












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

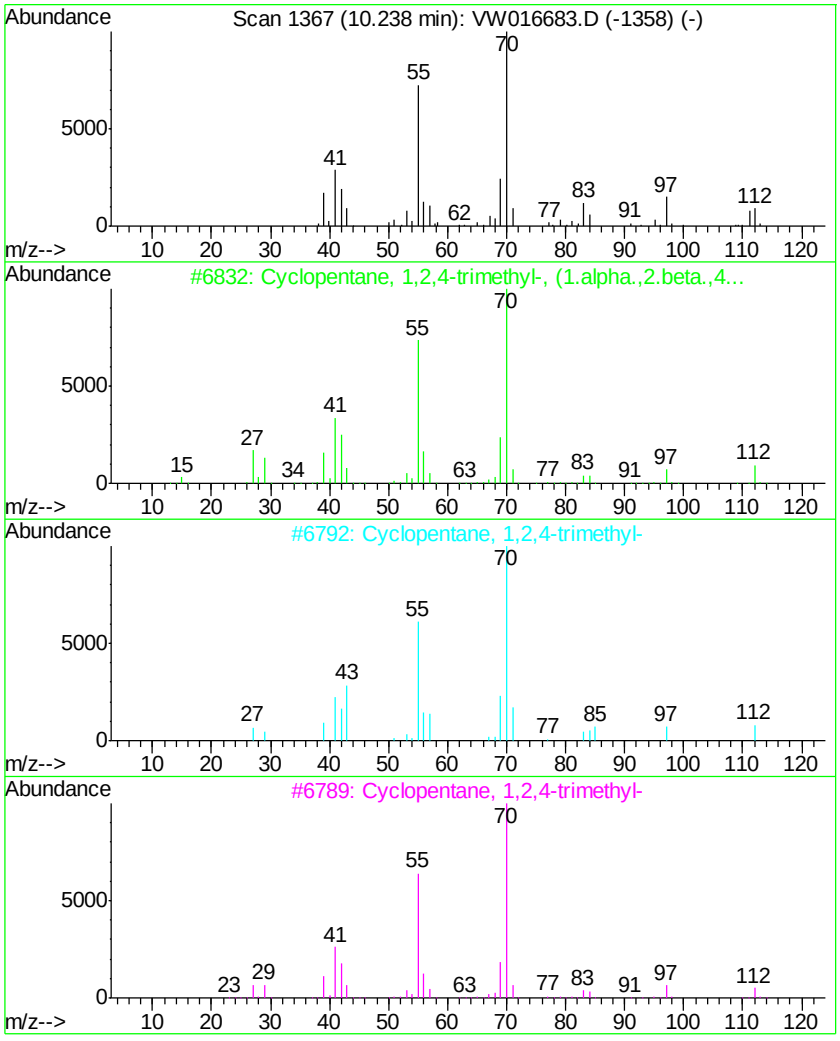
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

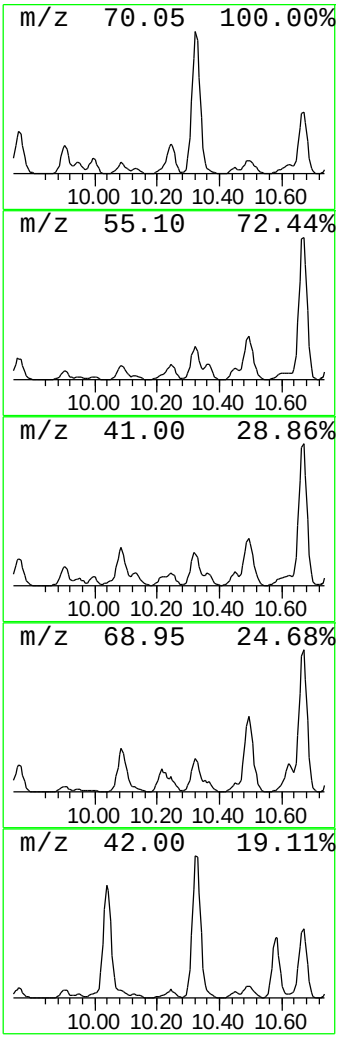
****

Peak Number 11 (DEL) Alkane: Cyclic10.24 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	1.32 ug/L	143206	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	83
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

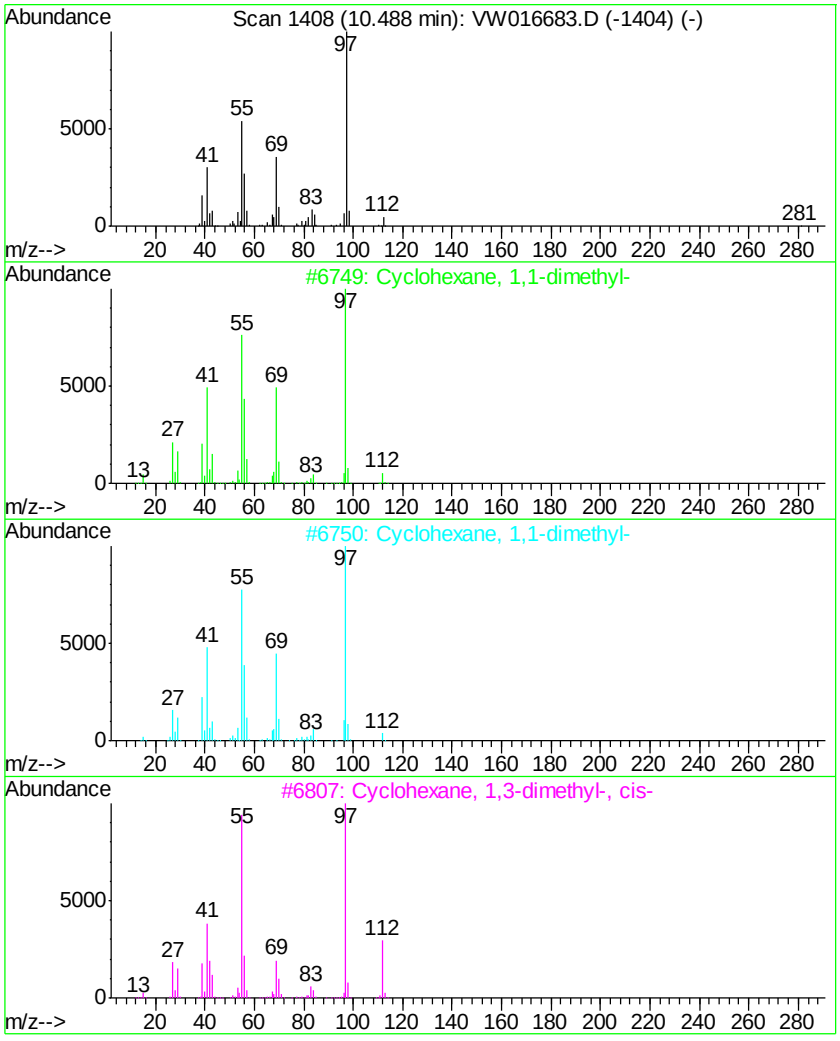
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

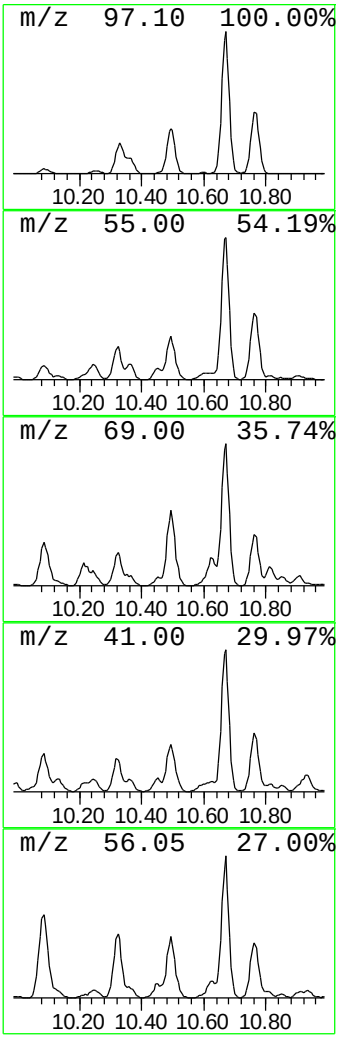
****

Peak Number 12 (DEL) Alkane: Cyclic10.49 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.16 ug/L	343612	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	92
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

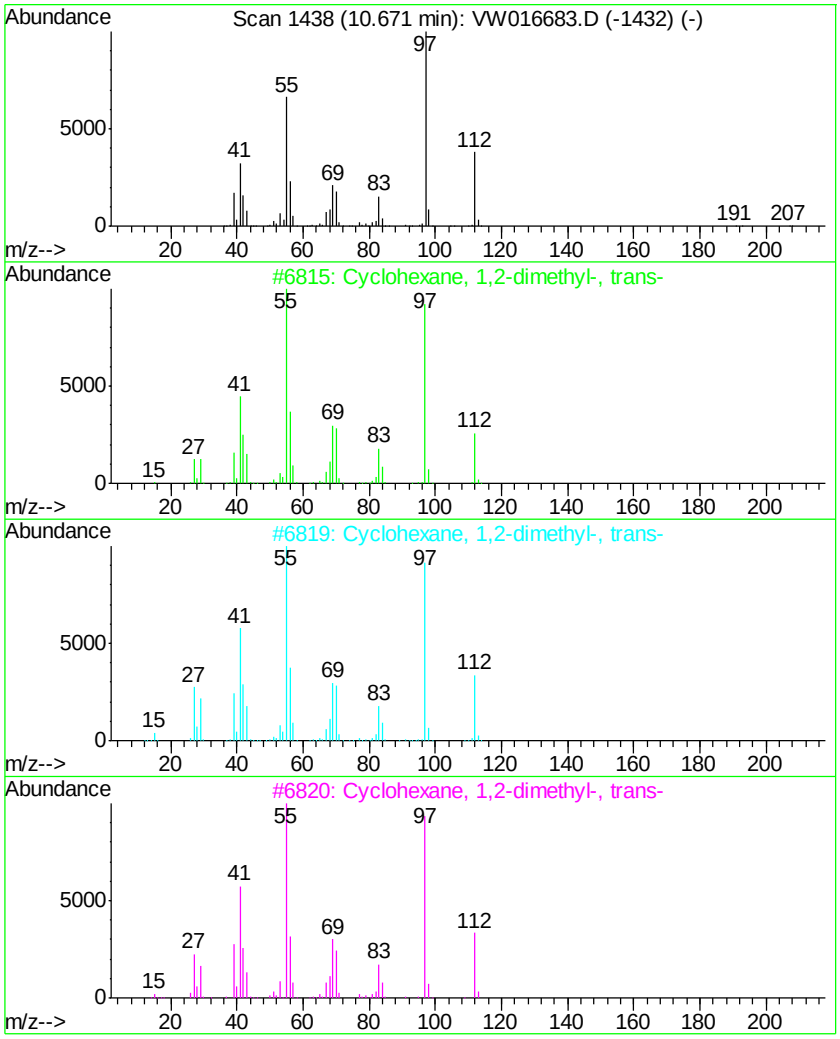
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

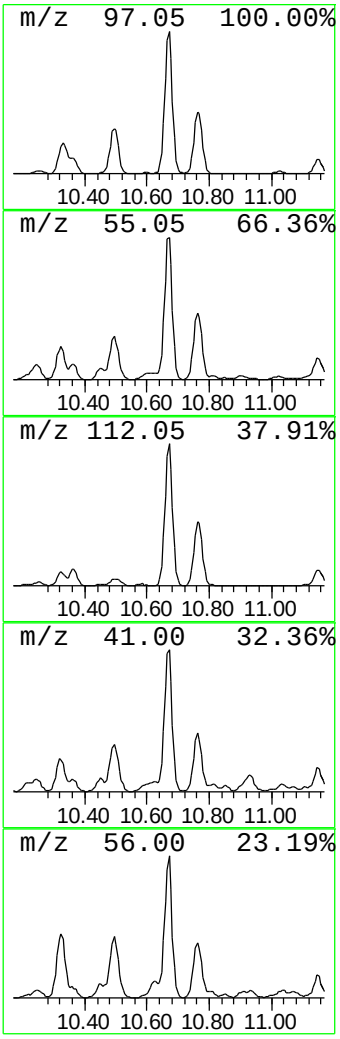
****

Peak Number 13 (DEL) Alkane: Cyclic10.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	9.71 ug/L	1055830	Chlorobenzene-d5	11.63

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

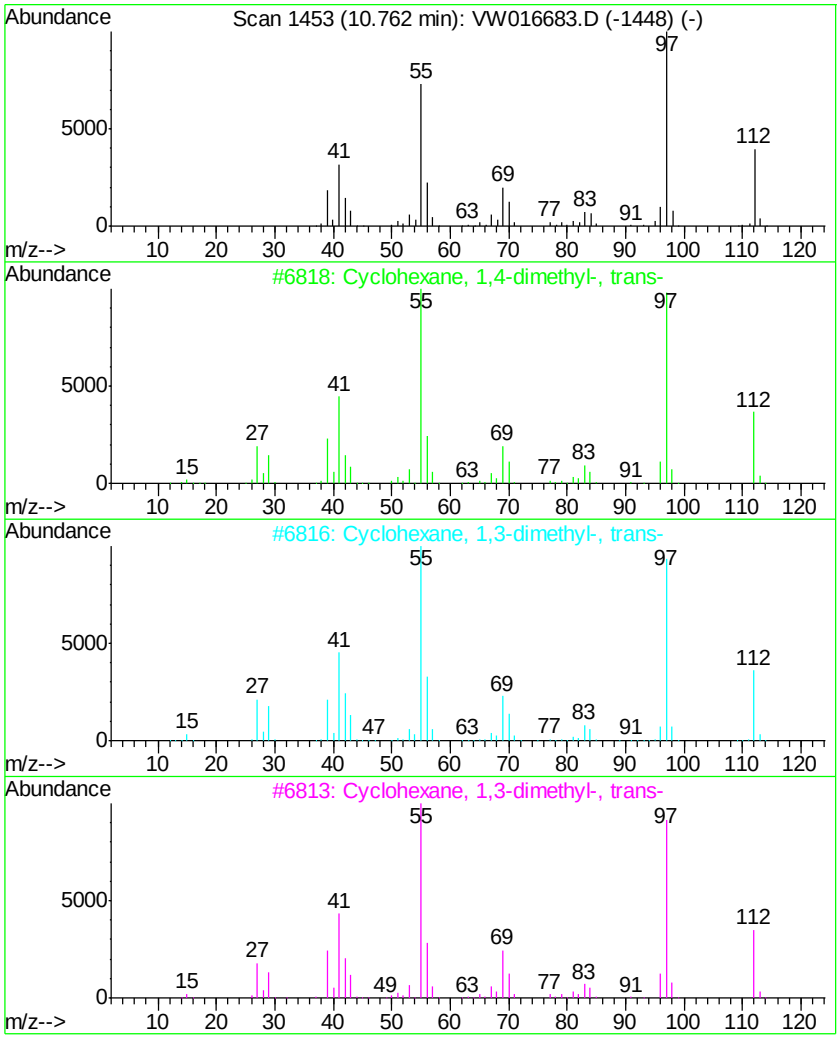
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

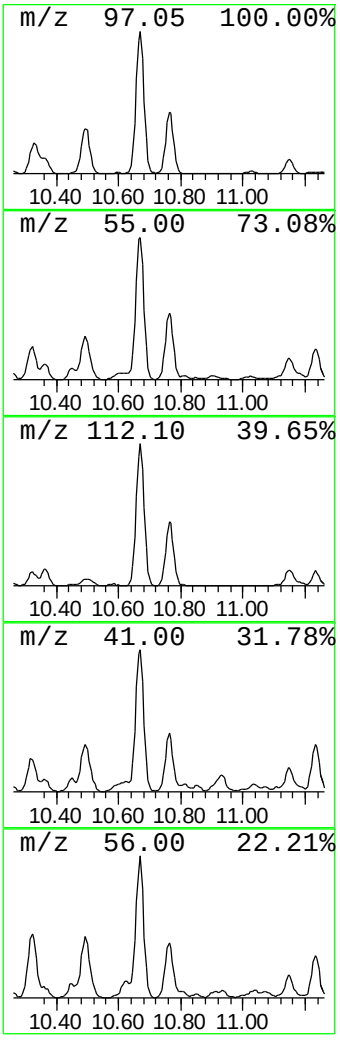
****

Peak Number 14 (DEL) Alkane: Cyclic10.76 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.86 ug/L	419926	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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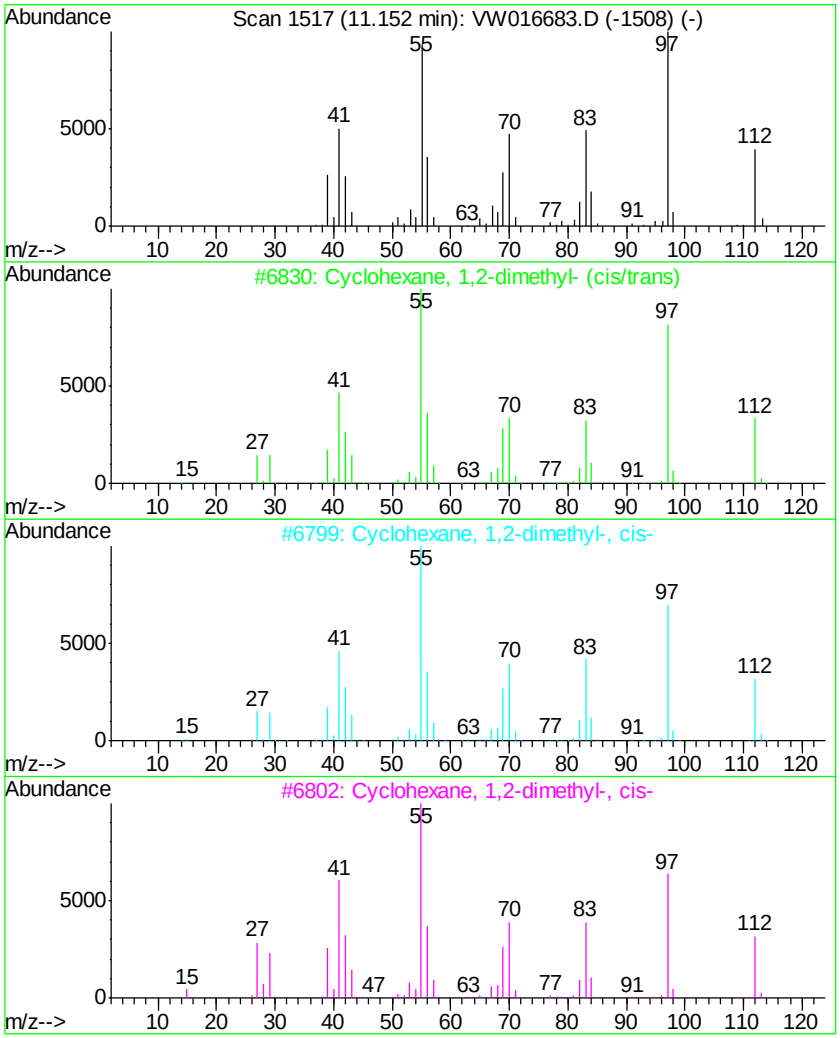
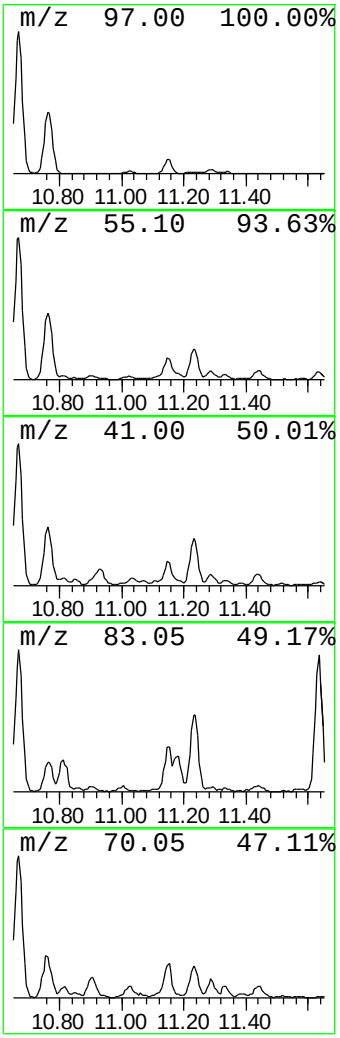
Peak Number 15 (DEL) Alkane: Cyclic11.15 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	1.30 ug/L	141739	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	87
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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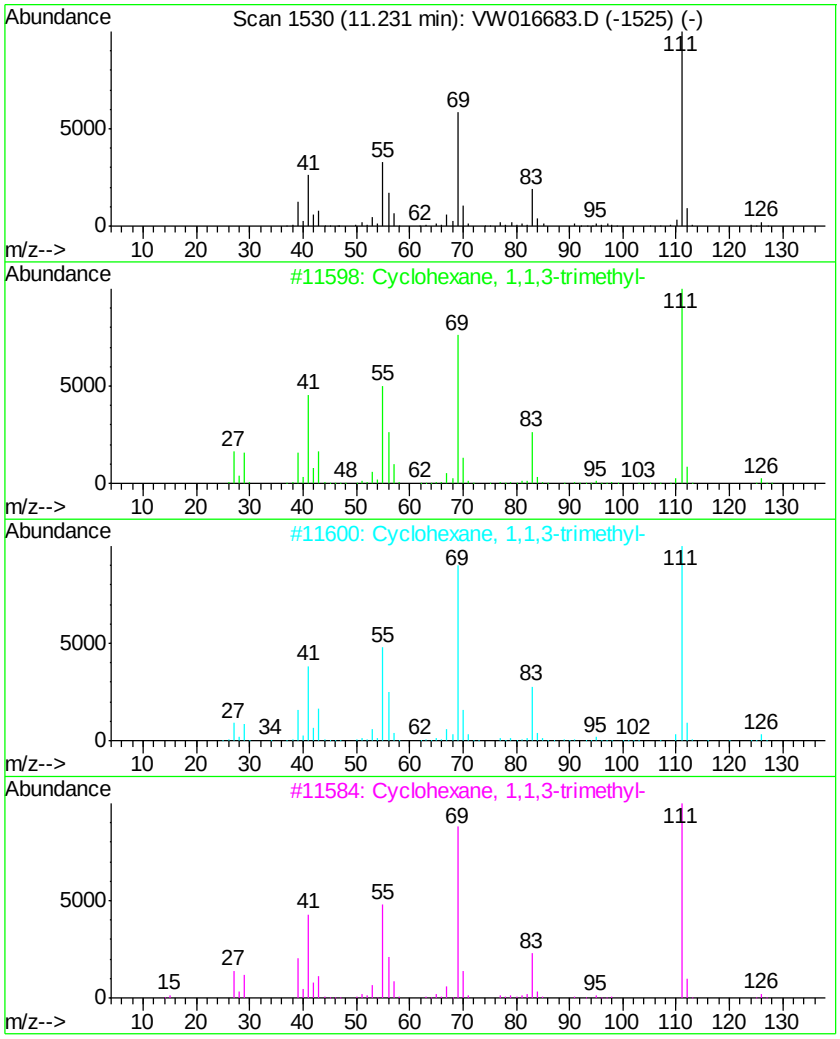
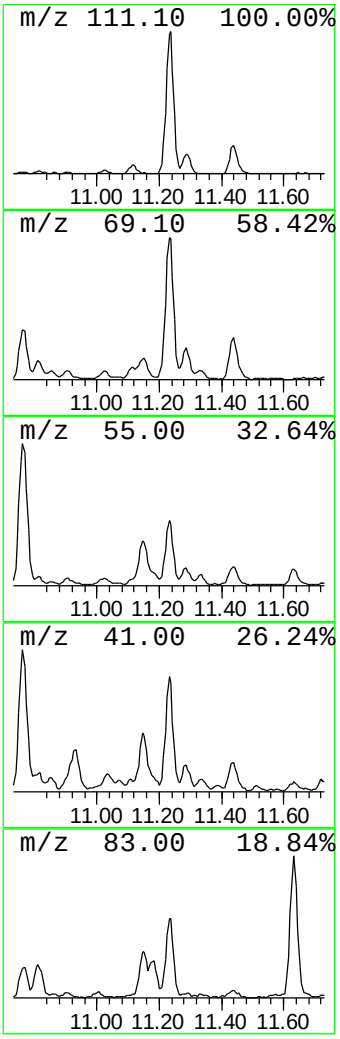
Peak Number 16 (DEL) Alkane: Cyclic11.23 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.74 ug/L	298409	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

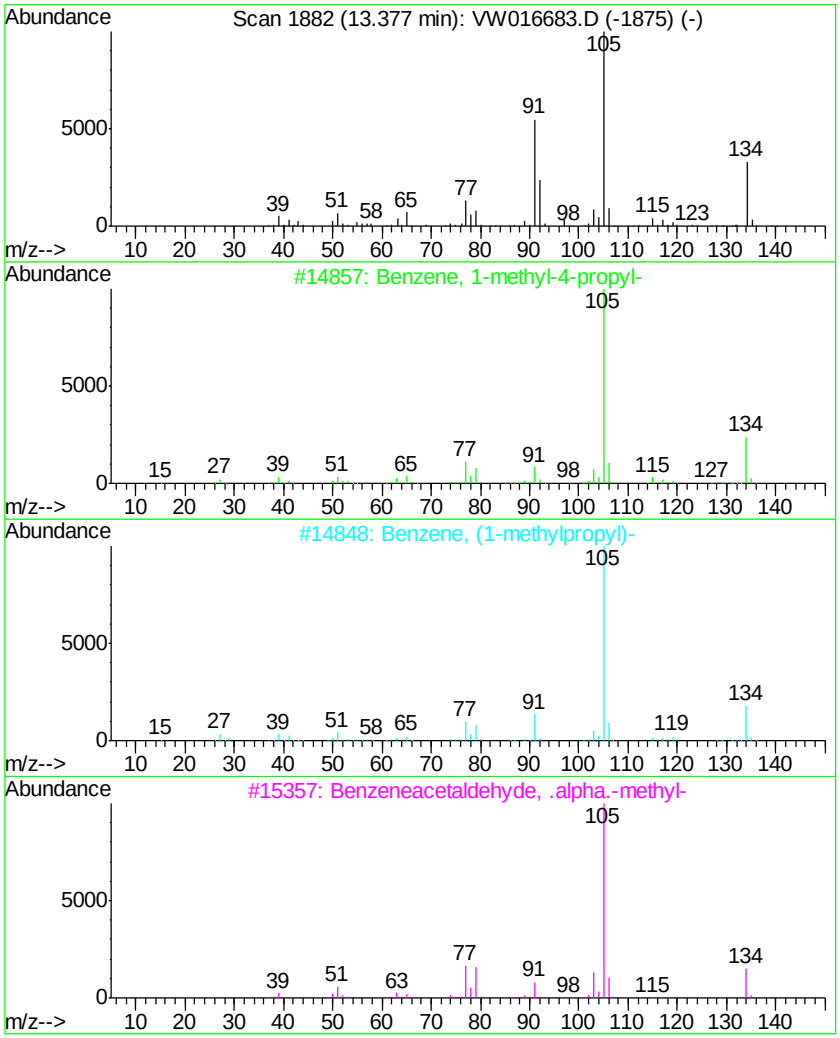
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

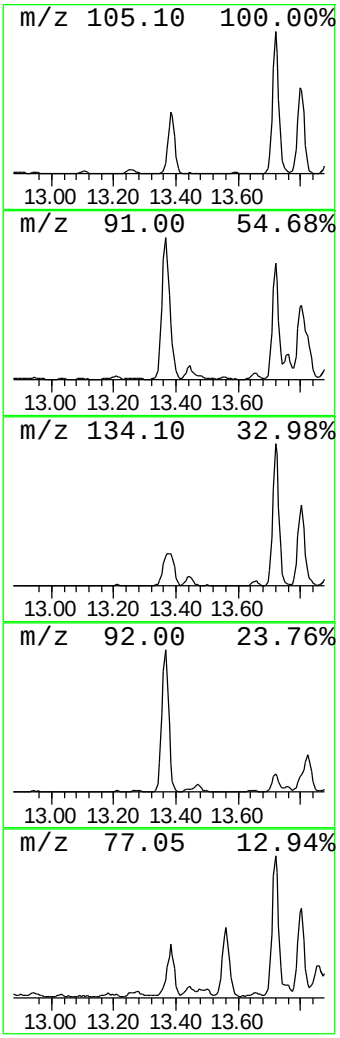
****

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.21 ug/L	400904	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

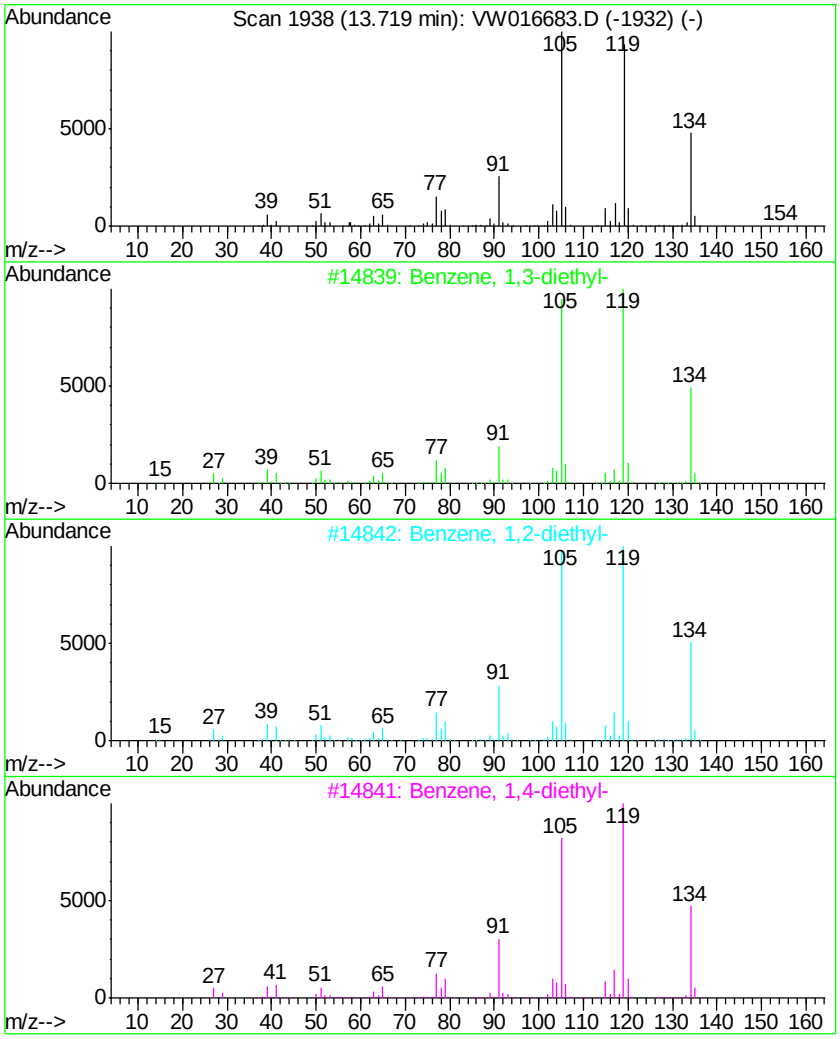
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

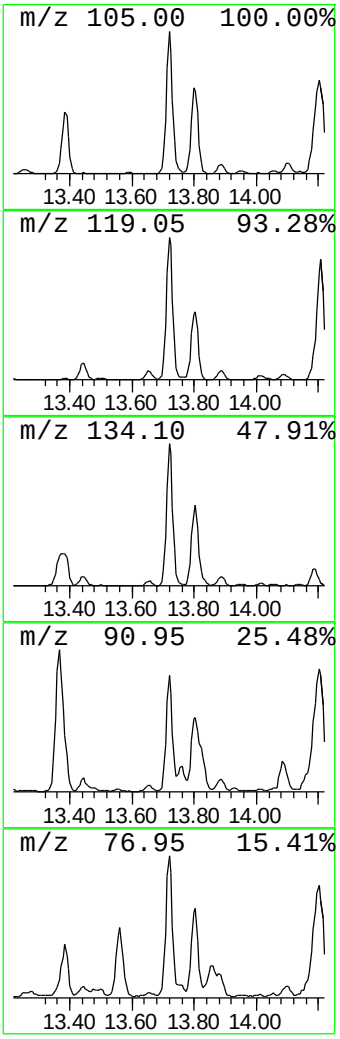
****

Peak Number 19 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.00 ug/L	874387	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

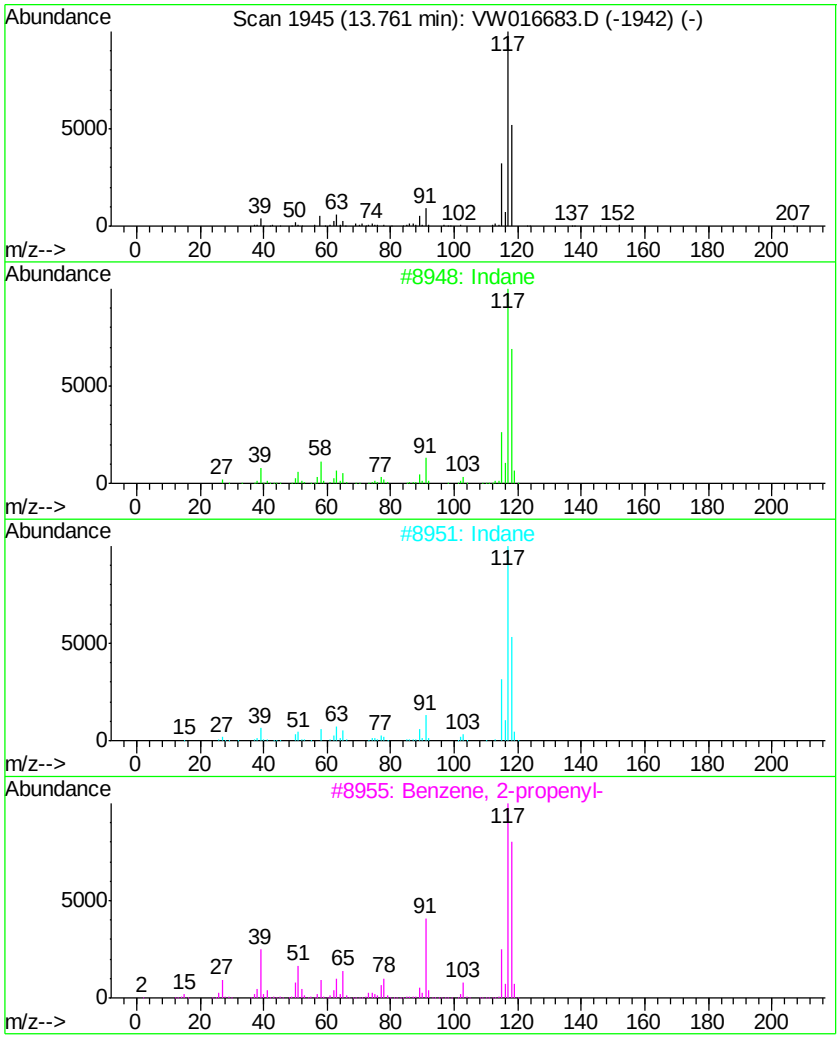
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

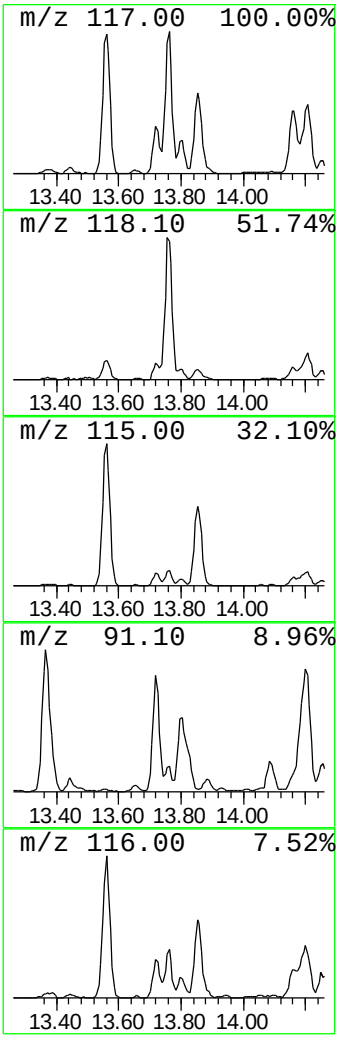
****

Peak Number 20 Indane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.65 ug/L	206598	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	83
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

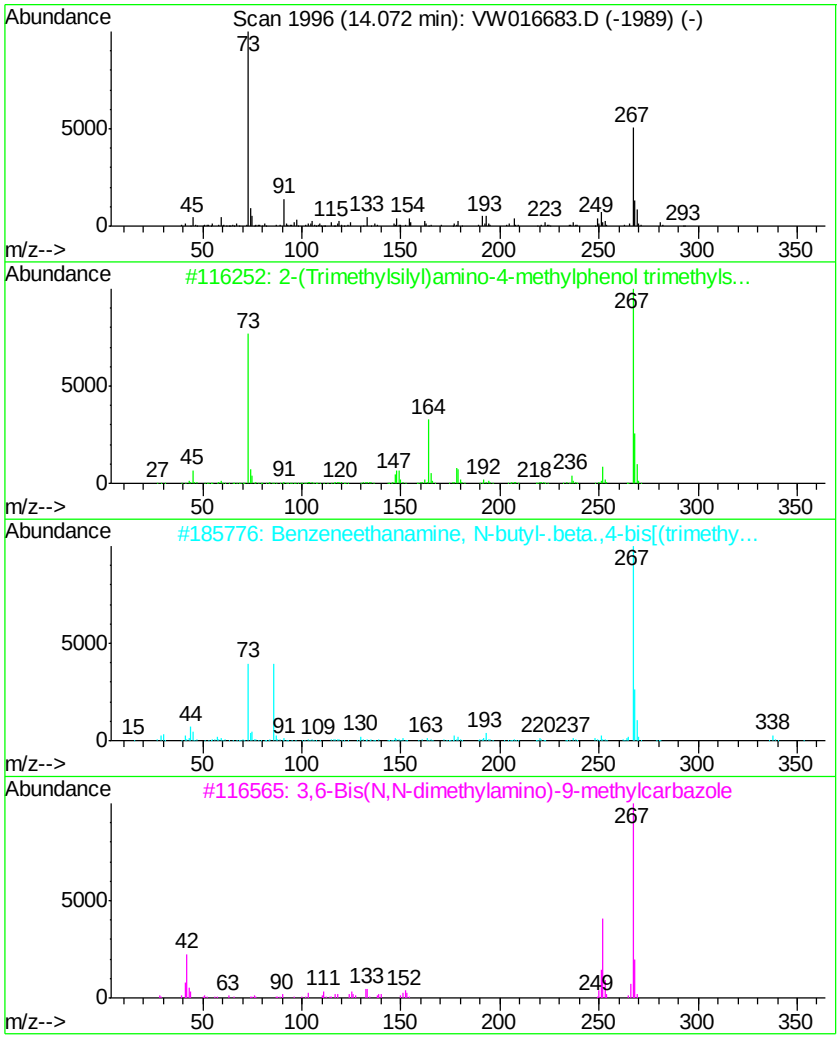
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

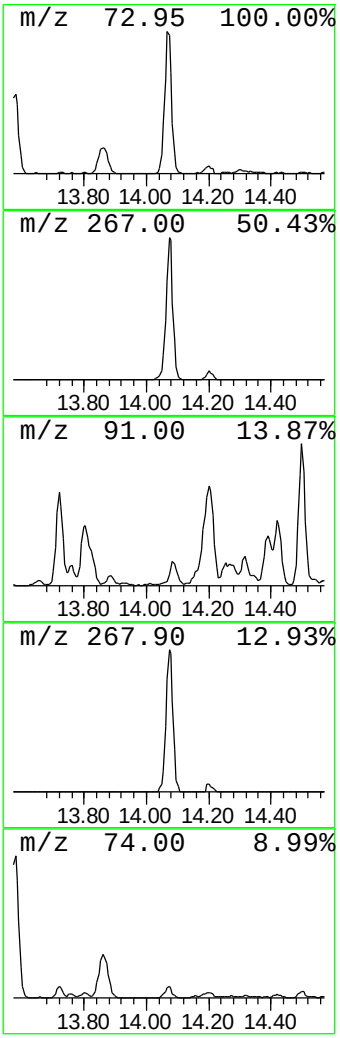
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-(Trimethylsilyl)amino-4-m... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.60 ug/L	199369	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Trimethylsilyl)amino-4-methyl...	267	C13H25NOSi2	1000373-28-1	59
2	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	56
3	3,6-Bis(N,N-dimethylamino)-9-met...	267	C17H21N3	119046-55-8	50
4	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	49
5	p-Trimethylsilyloxyphenyl-bis(tr...	370	C17H34O3Si3	1000079-08-1	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

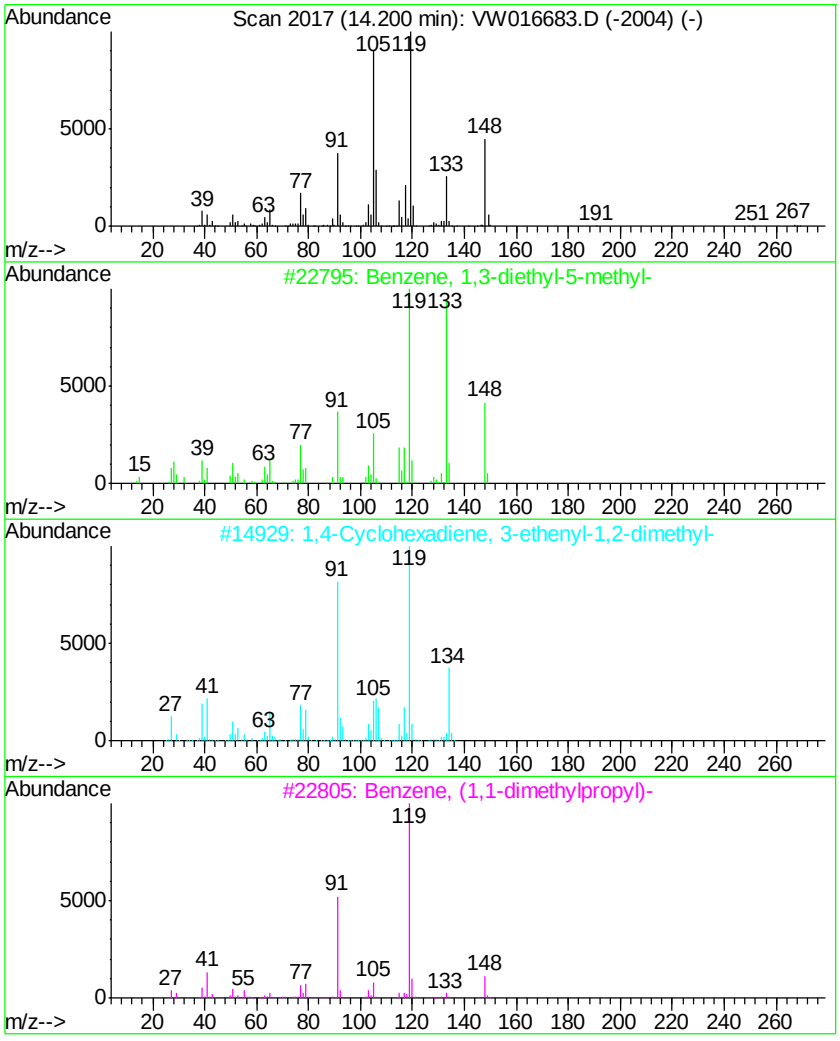
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

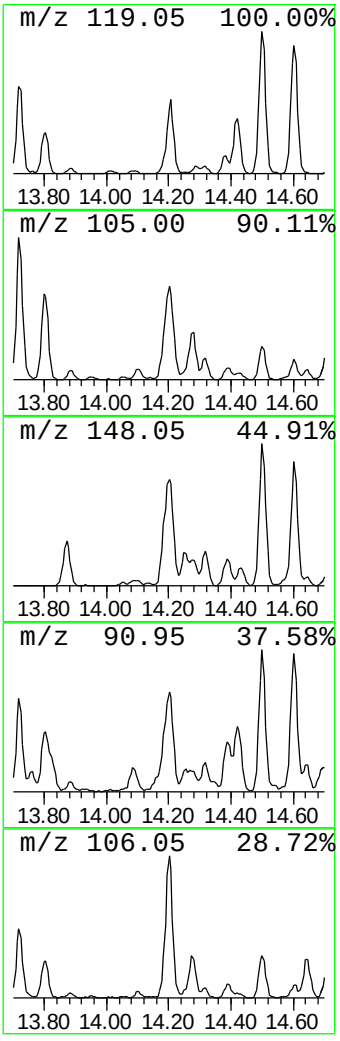
****

Peak Number 22 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	9.45 ug/L	1180290	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	72
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	62
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	53
5	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

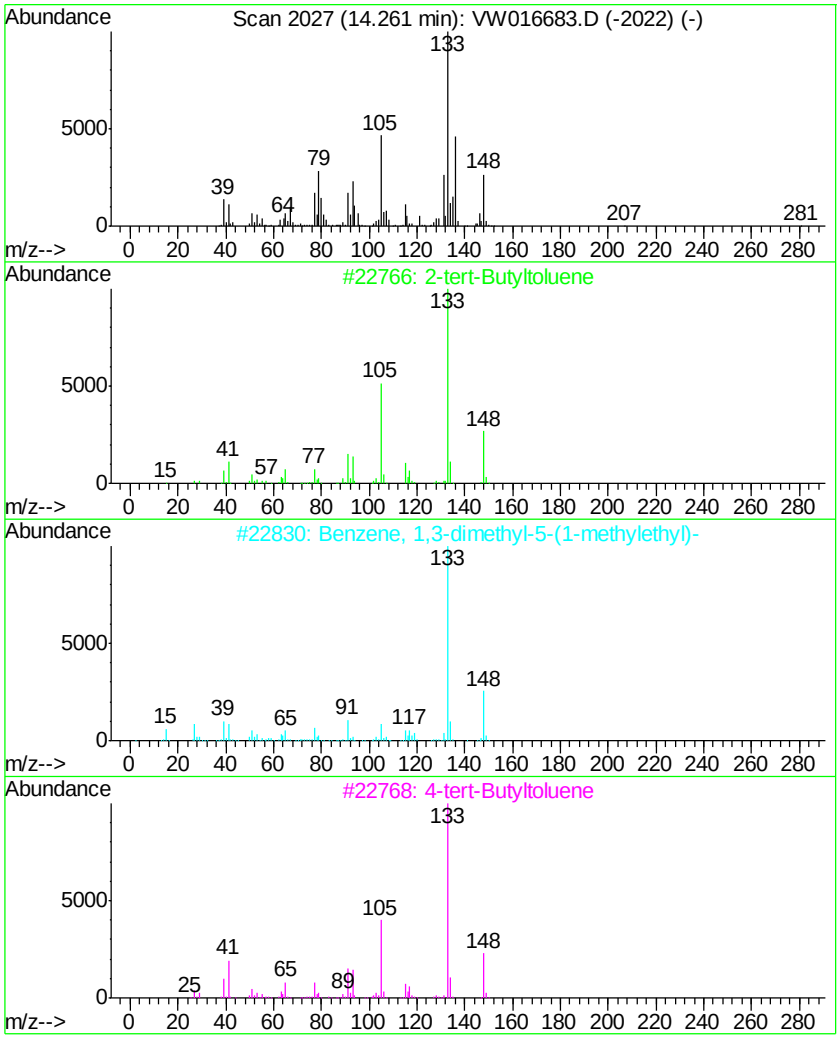
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

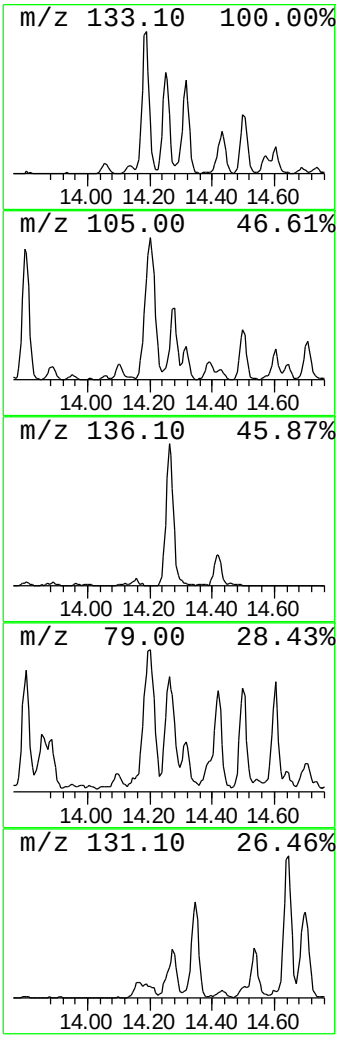
****

Peak Number 23 2-tert-Butyltoluene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	1.70 ug/L	212641	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-tert-Butyltoluene	148	C11H16	001074-92-6	70
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	70
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	70
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	70
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

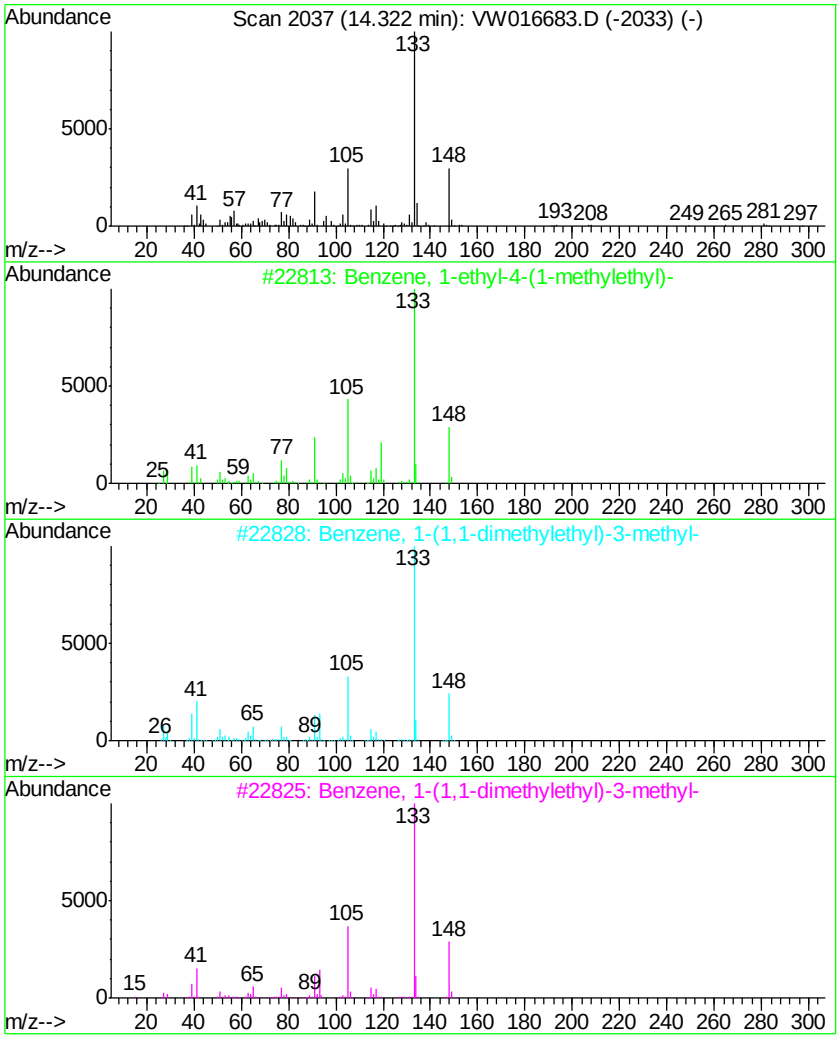
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

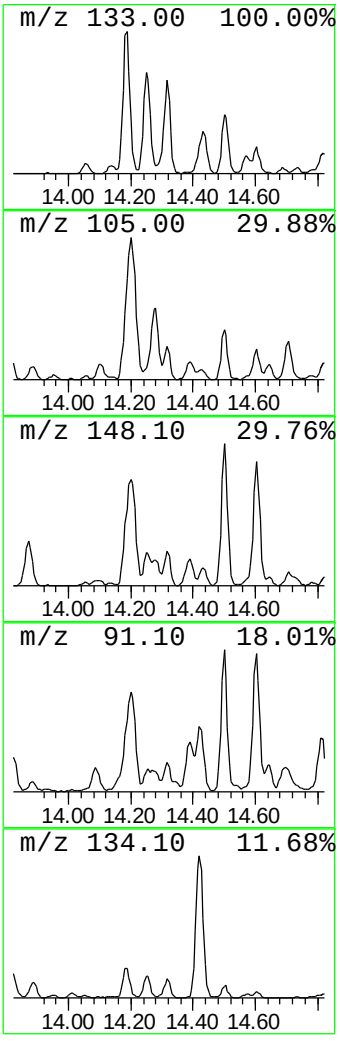
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.01 ug/L	251127	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
2	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	86
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	86
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

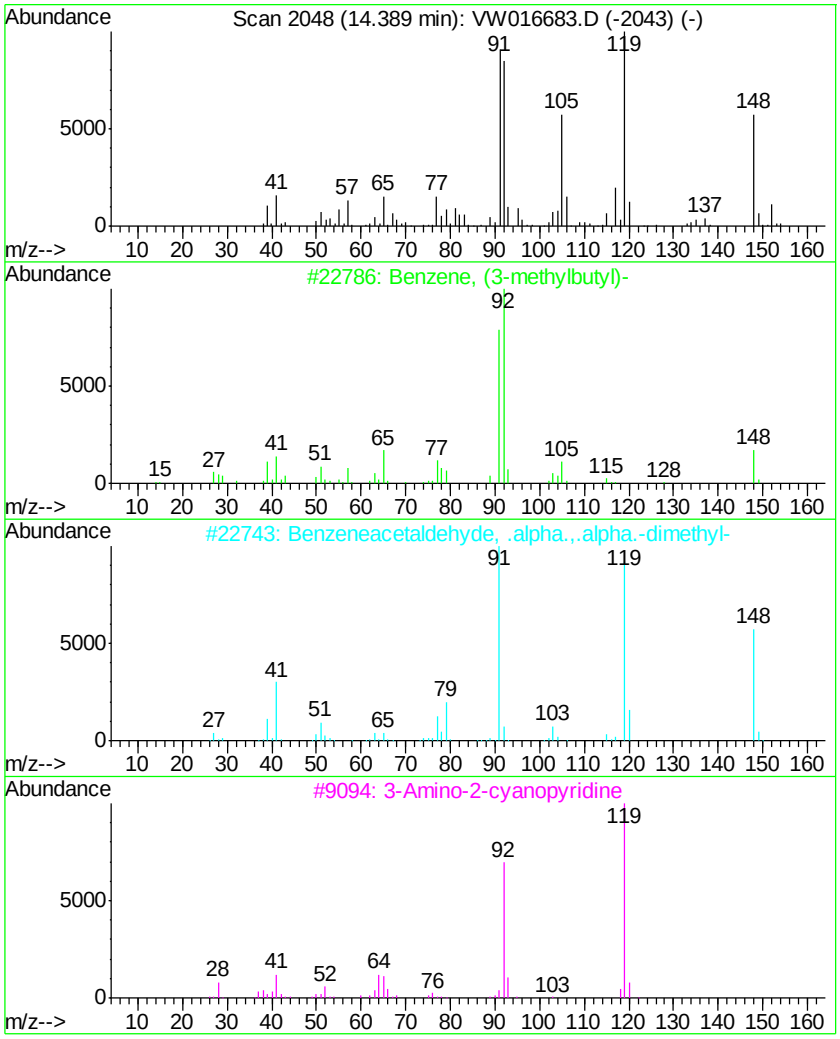
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

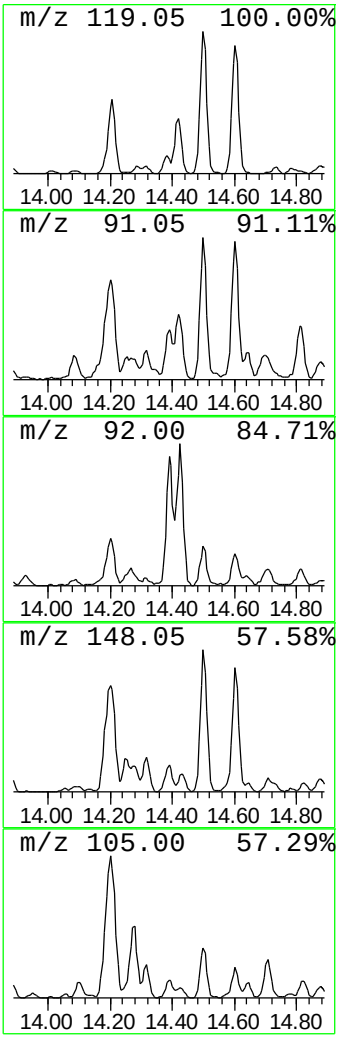
****

Peak Number 25 Benzene, (3-methylbutyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	1.50 ug/L	186779	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	50
2	Benzeneacetaldehyde, .alpha.,.al...	148	C10H12O	003805-10-5	49
3	3-Amino-2-cyanopyridine	119	C6H5N3	042242-11-5	49
4	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	49
5	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

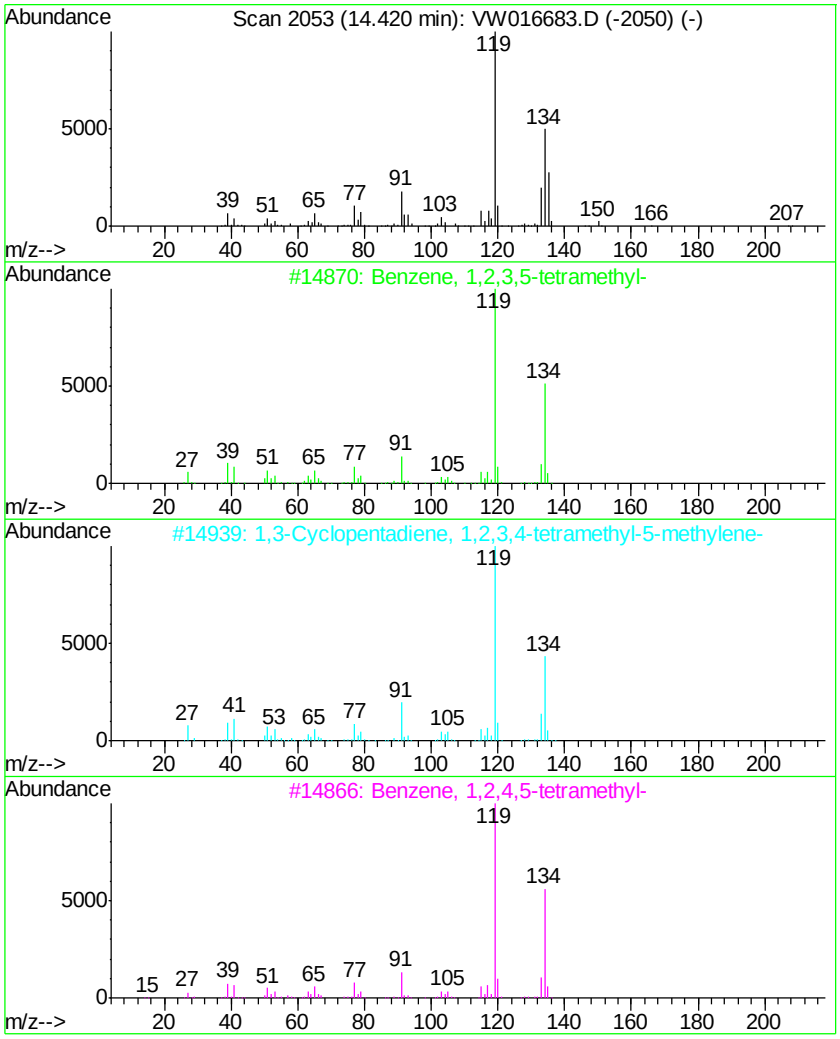
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

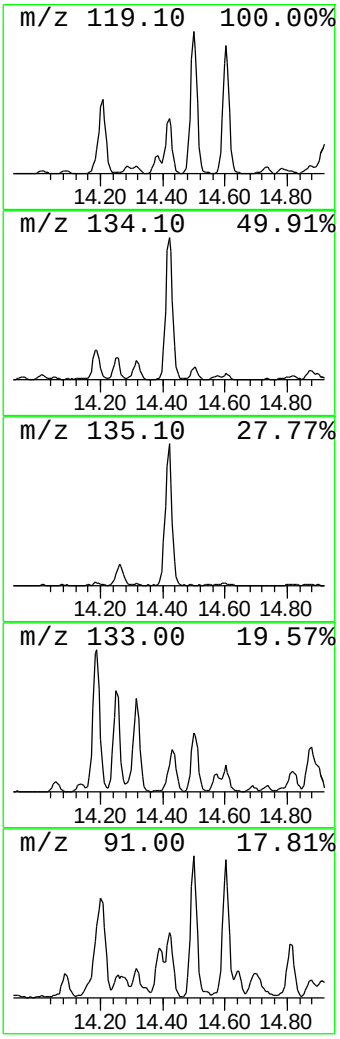
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.12 ug/L	514152	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	87
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

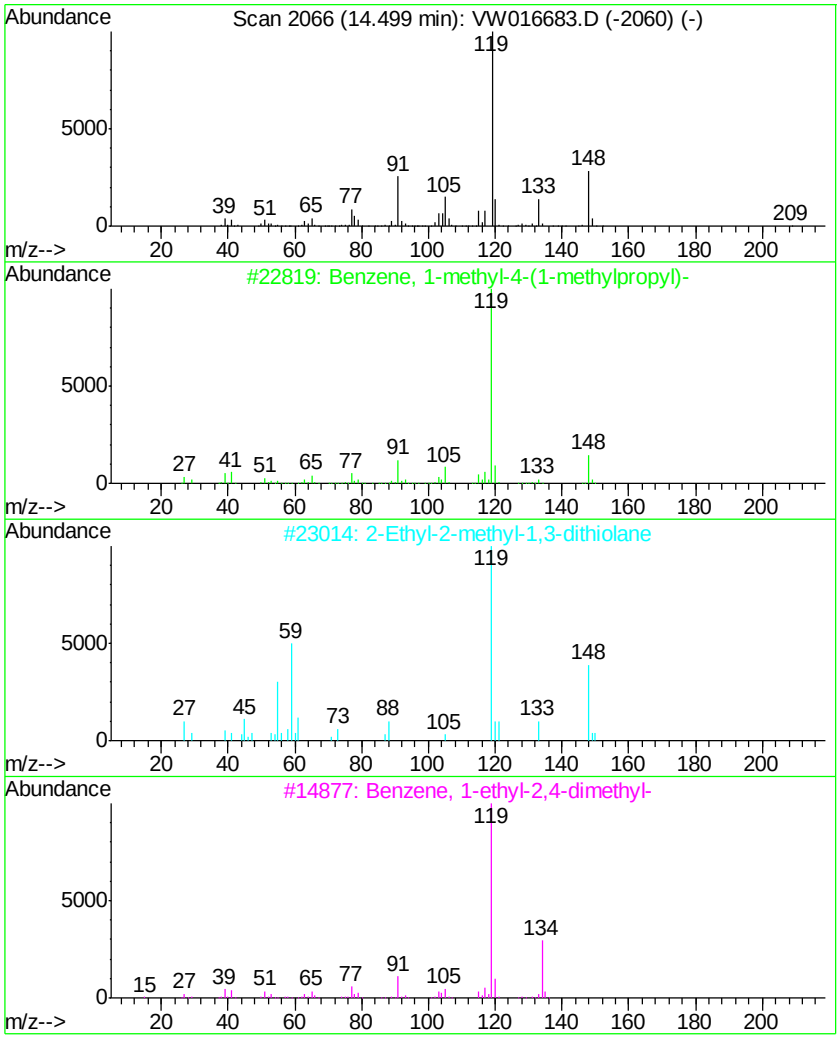
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

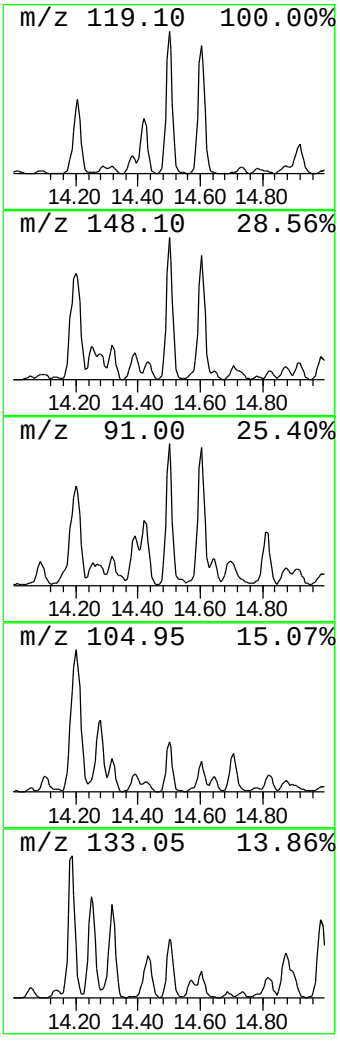
****

Peak Number 27 2-Ethyl-2-methyl-1,3-dithio... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	7.13 ug/L	891312	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	72
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

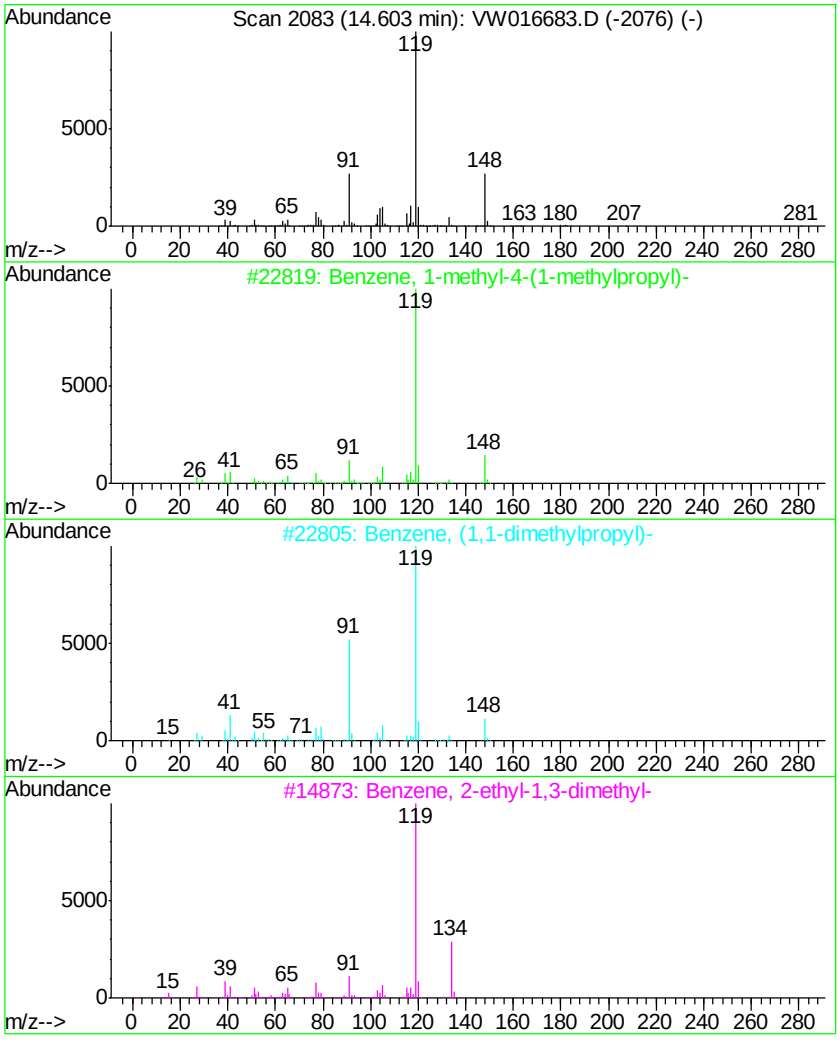
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

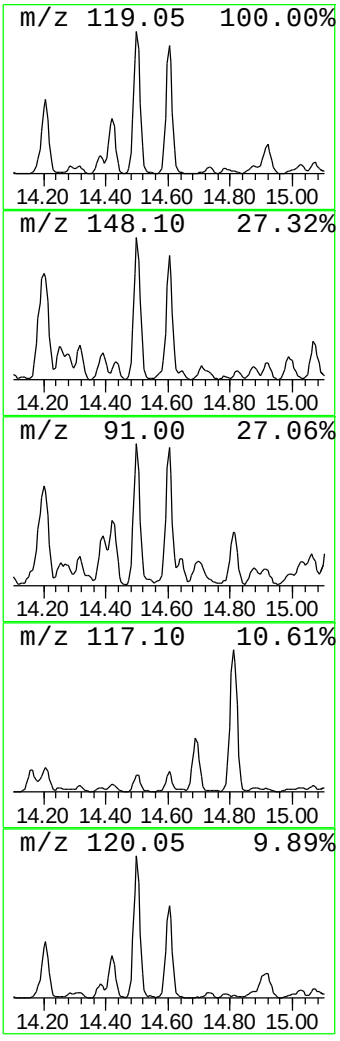
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1,1-dimethylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.41 ug/L	801074	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	94
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	74
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	74
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

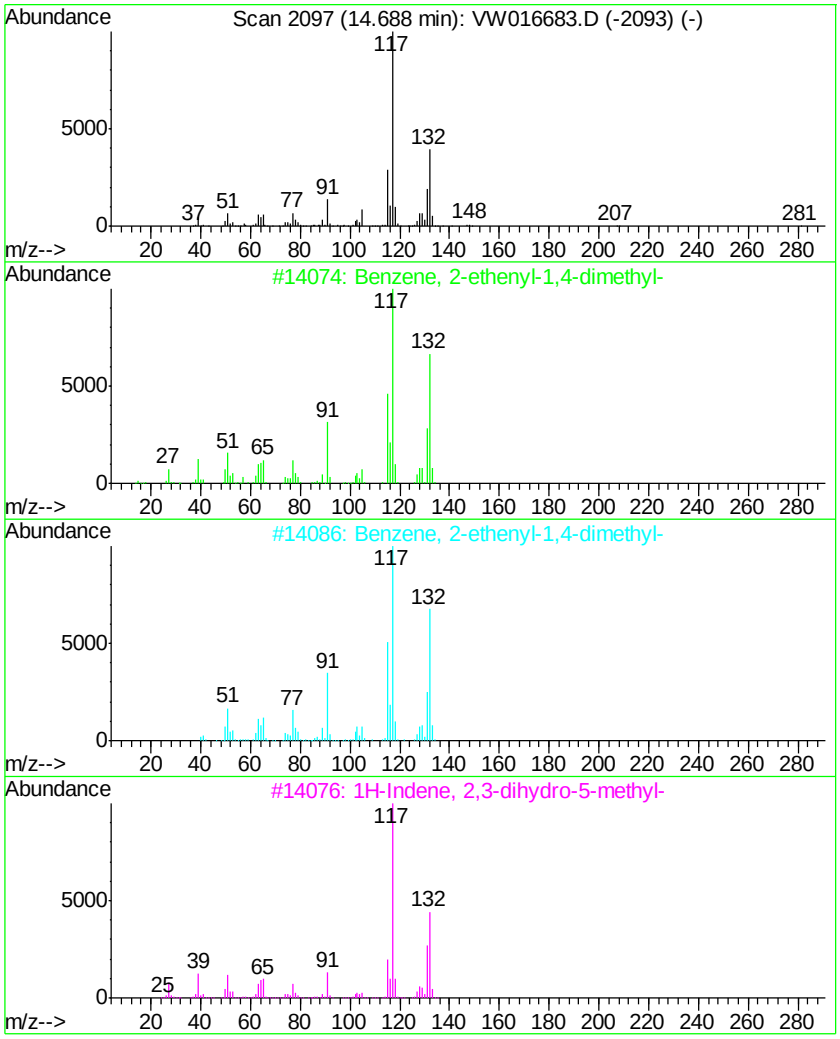
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

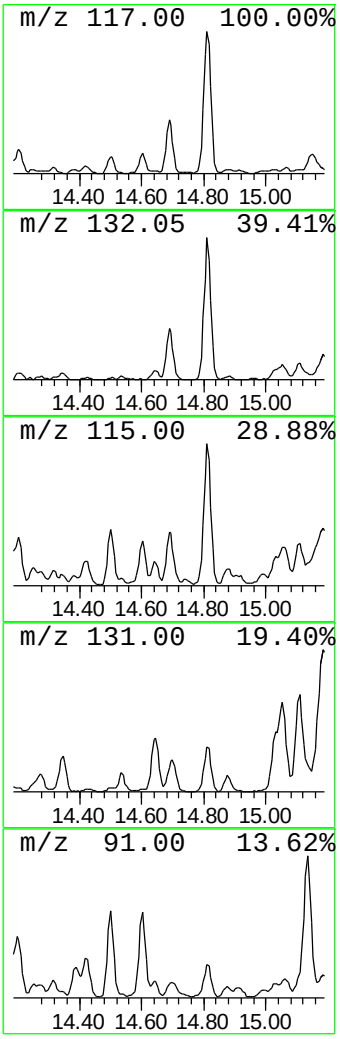
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.55 ug/L	318625	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

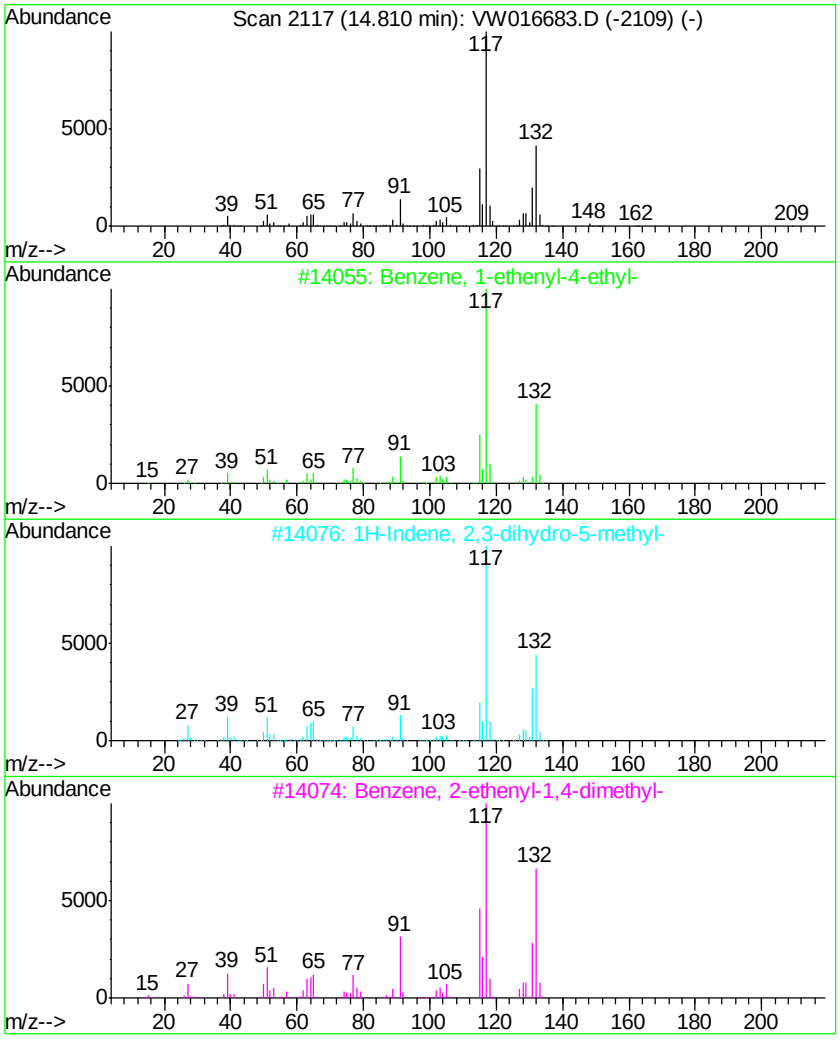
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

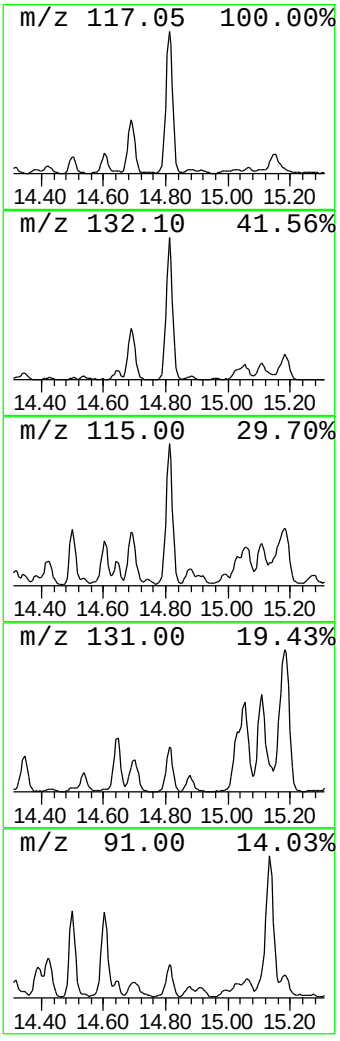
****

Peak Number 30 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.82 ug/L	727407	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

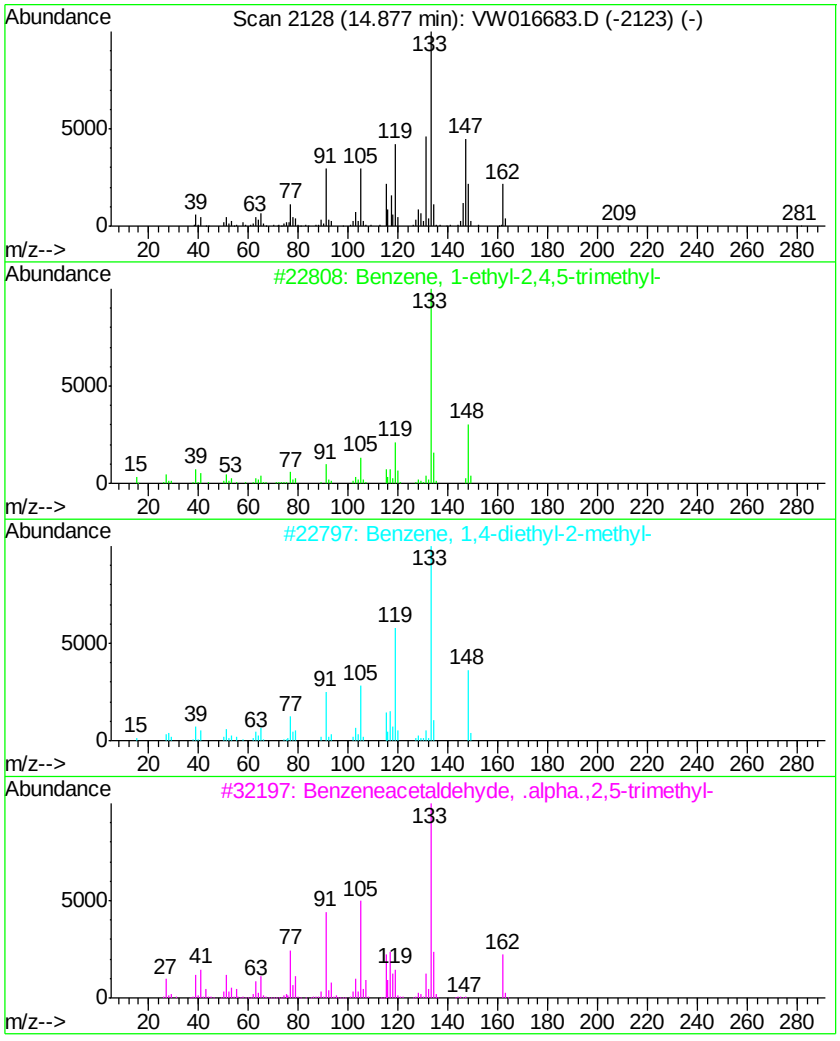
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

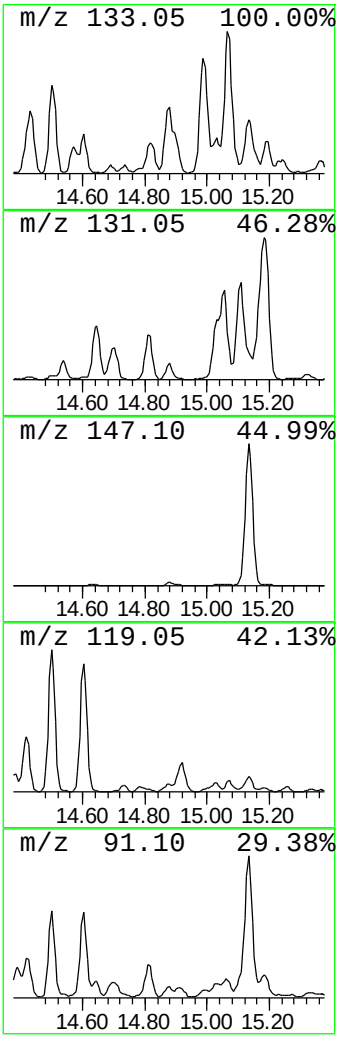
****

Peak Number 31 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1.61 ug/L	201334	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	55
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
3	Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	43
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	43
5	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

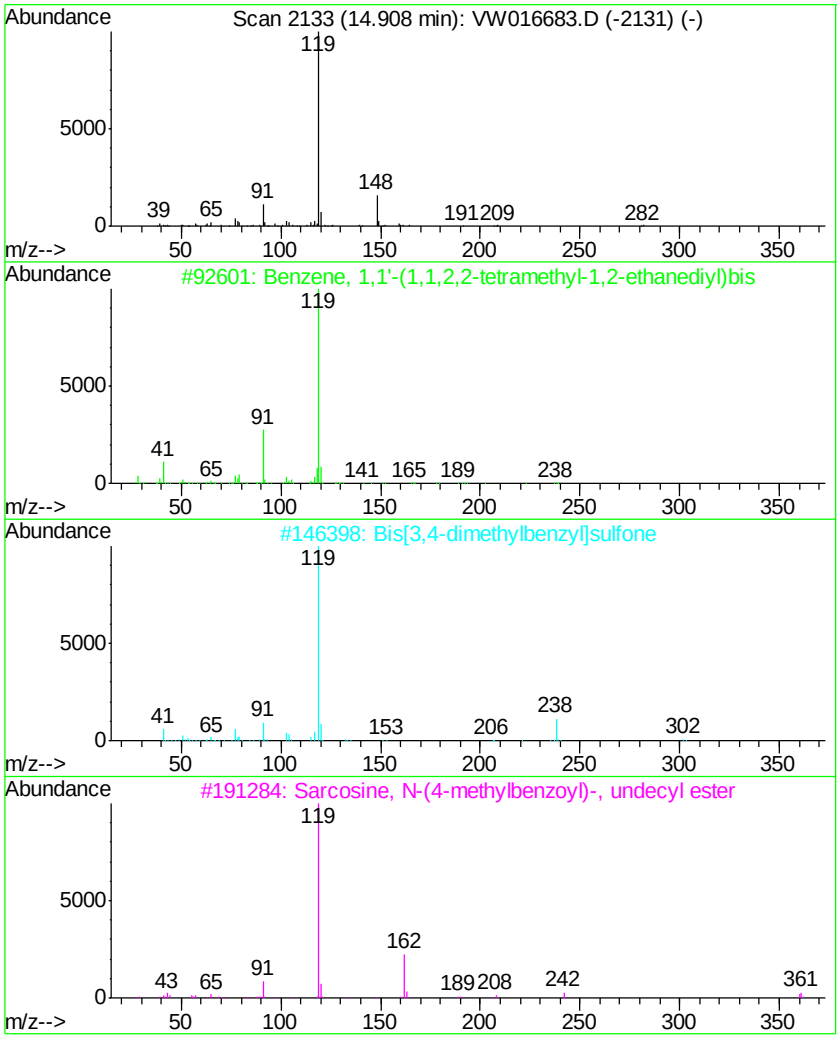
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

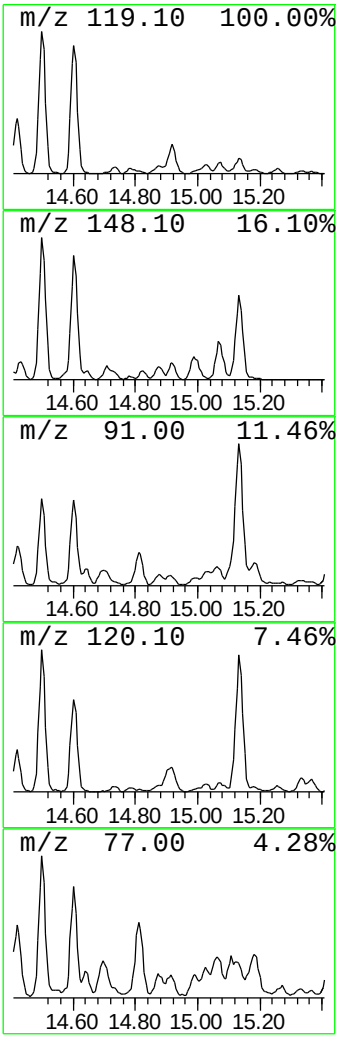
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,1'-(1,1,2,2-tetr... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	1.32 ug/L	165439	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	50
2	Bis[3,4-dimethylbenzyl]sulfone	302	C18H22O2S	034277-83-3	50
3	Sarcosine, N-(4-methylbenzoyl)-,...	361	C22H35NO3	1000321-22-3	45
4	4-Methylbenzoic acid, 2-formyl-4...	308	C15H10Cl2O3	1000331-36-6	45
5	m-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-56-9	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

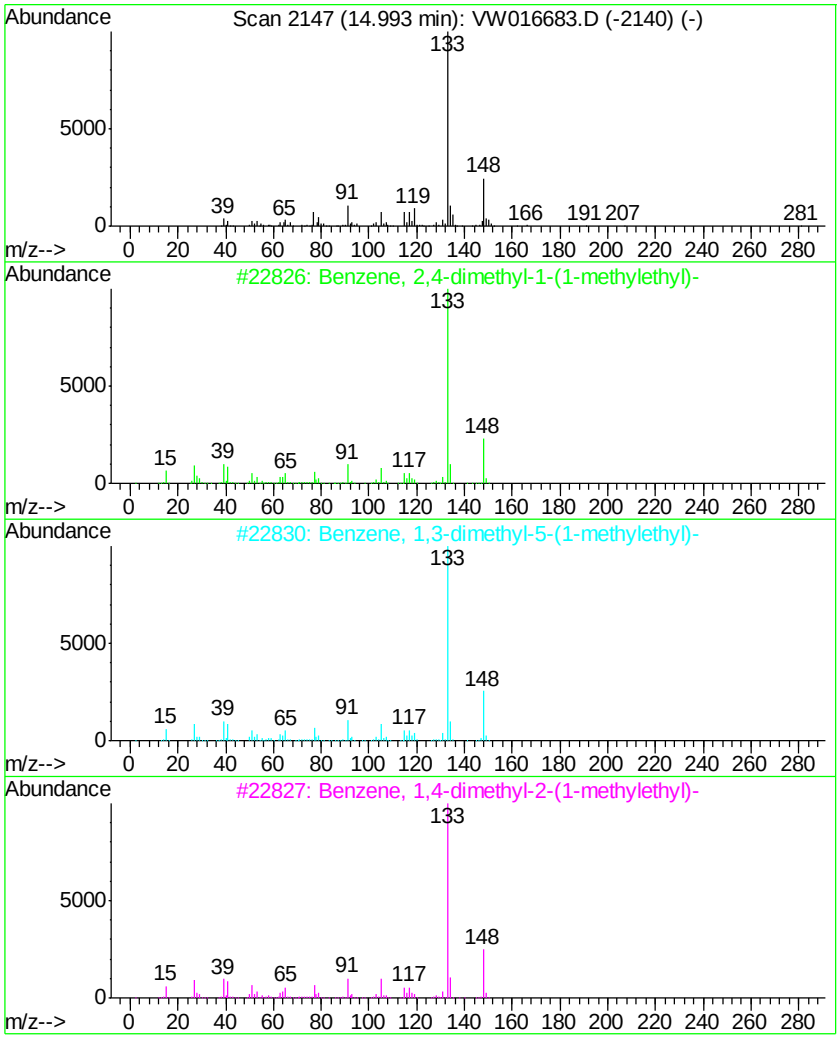
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

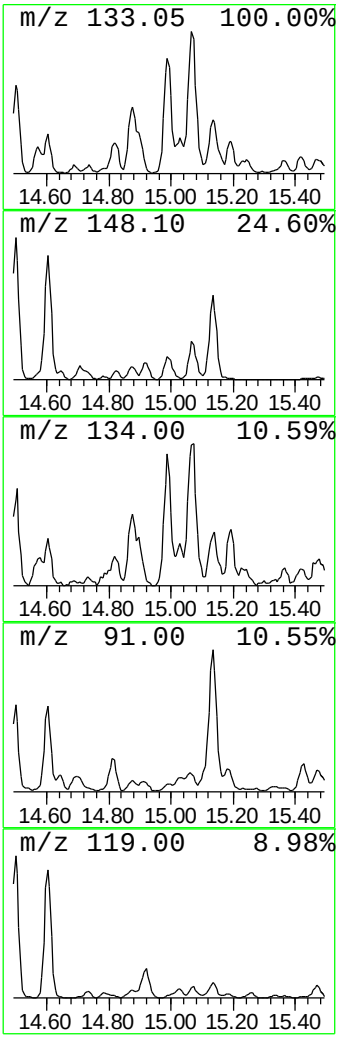
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	1.38 ug/L	172321	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	93
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	87
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

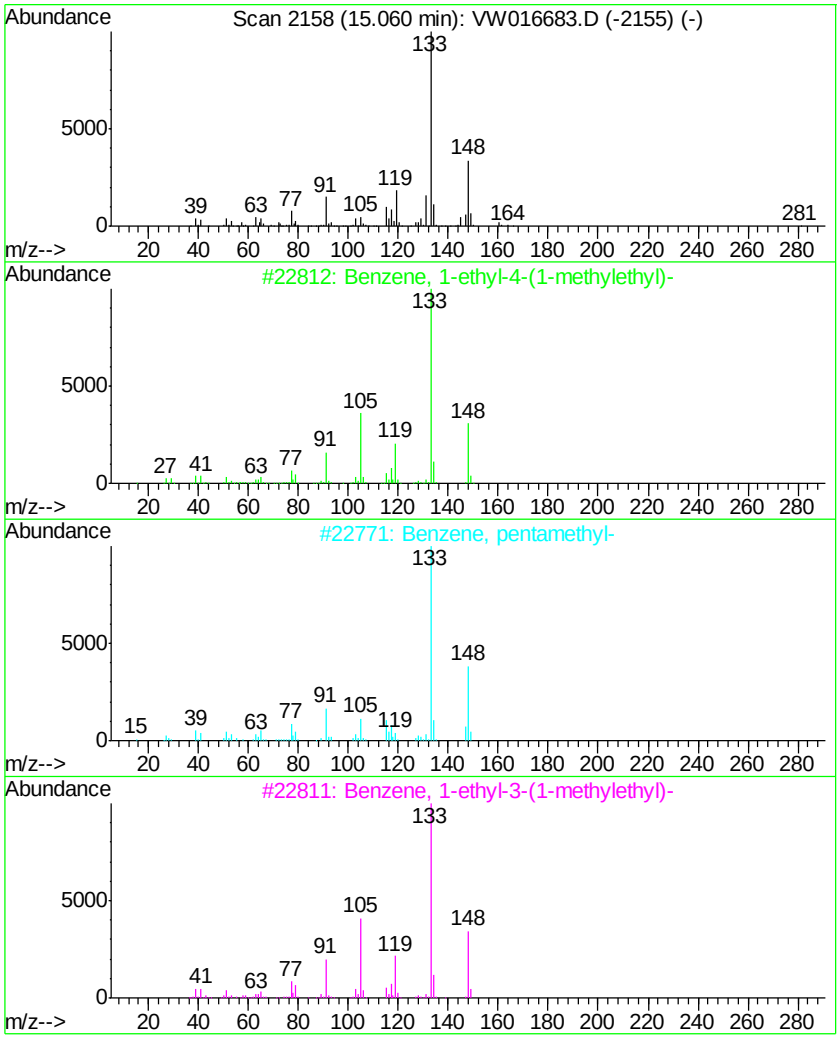
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

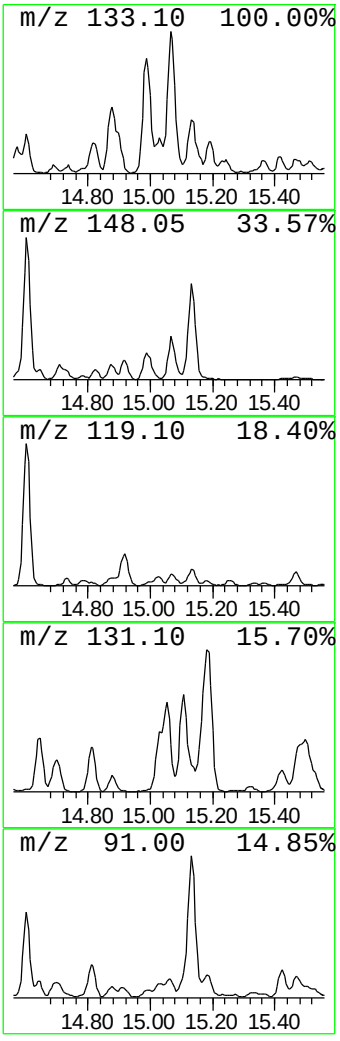
****

Peak Number 34 Benzene, pentamethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	1.80 ug/L	224635	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

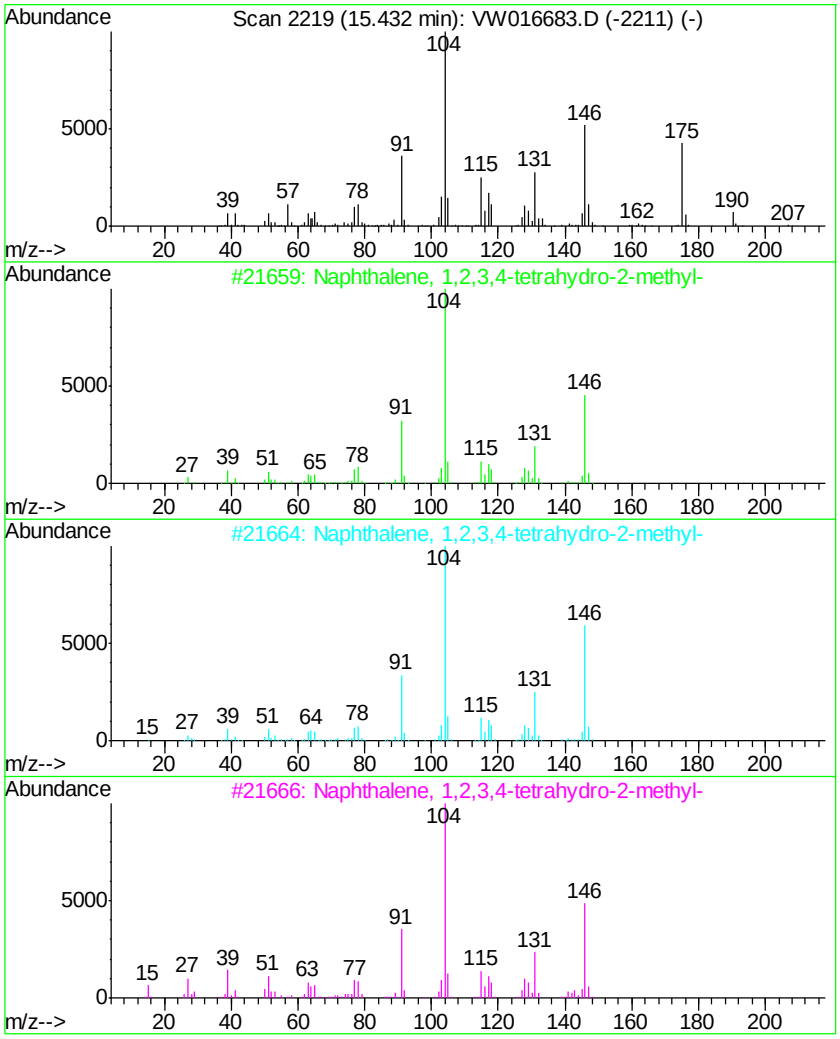
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

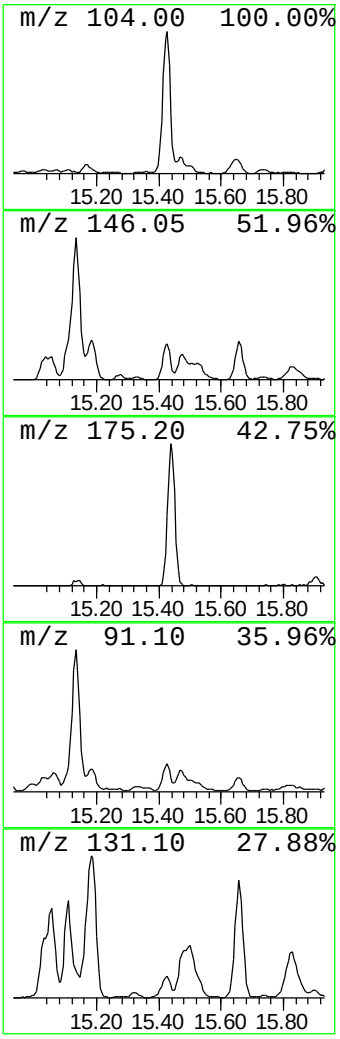
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.39 ug/L	424056	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	92
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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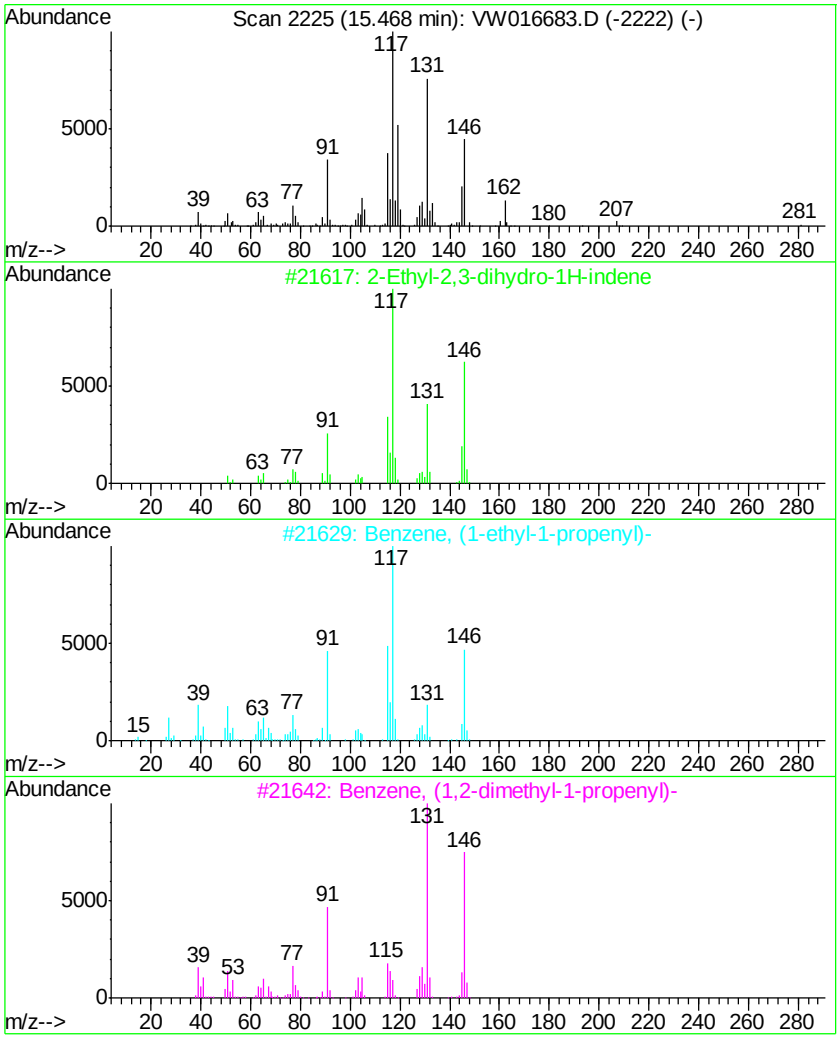
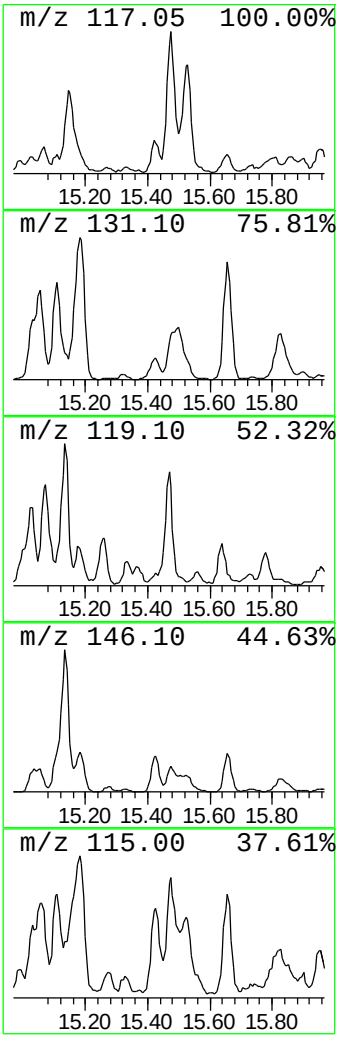
Peak Number 36 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	1.80 ug/L	225422	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	60
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	55
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

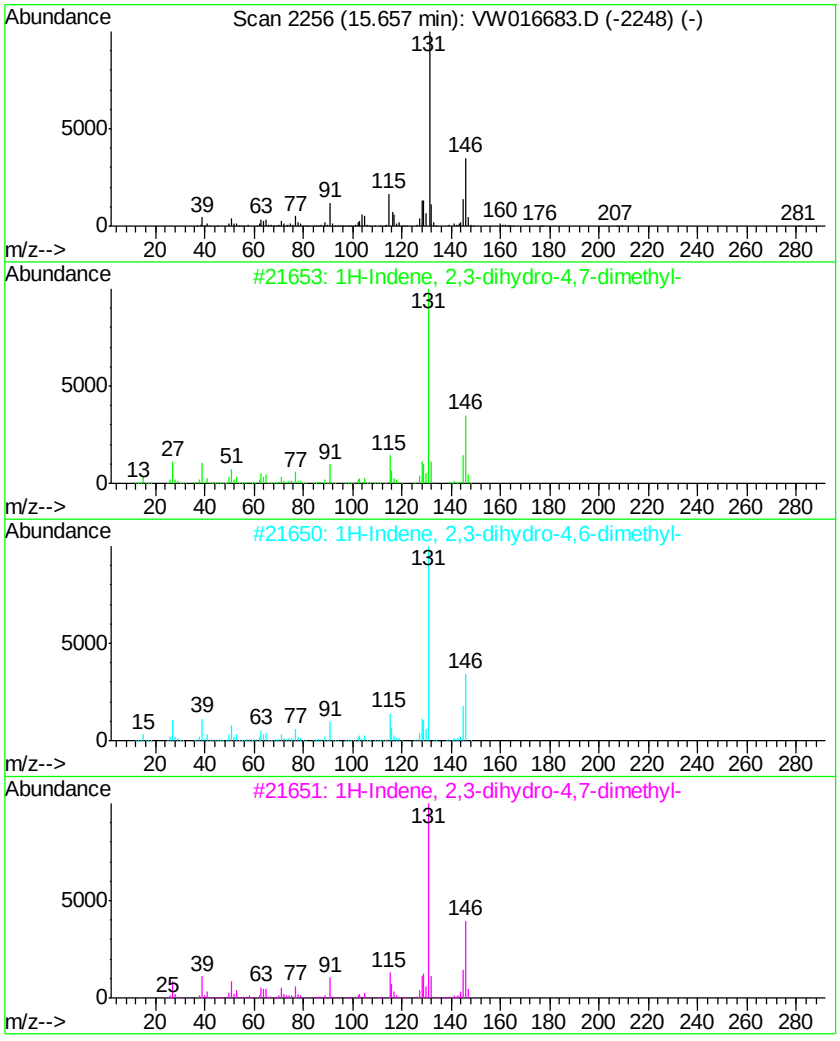
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

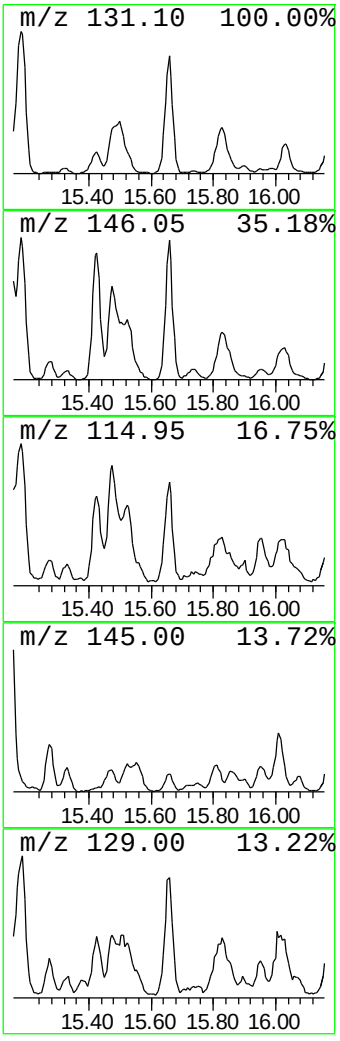
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.59 ug/L	447913	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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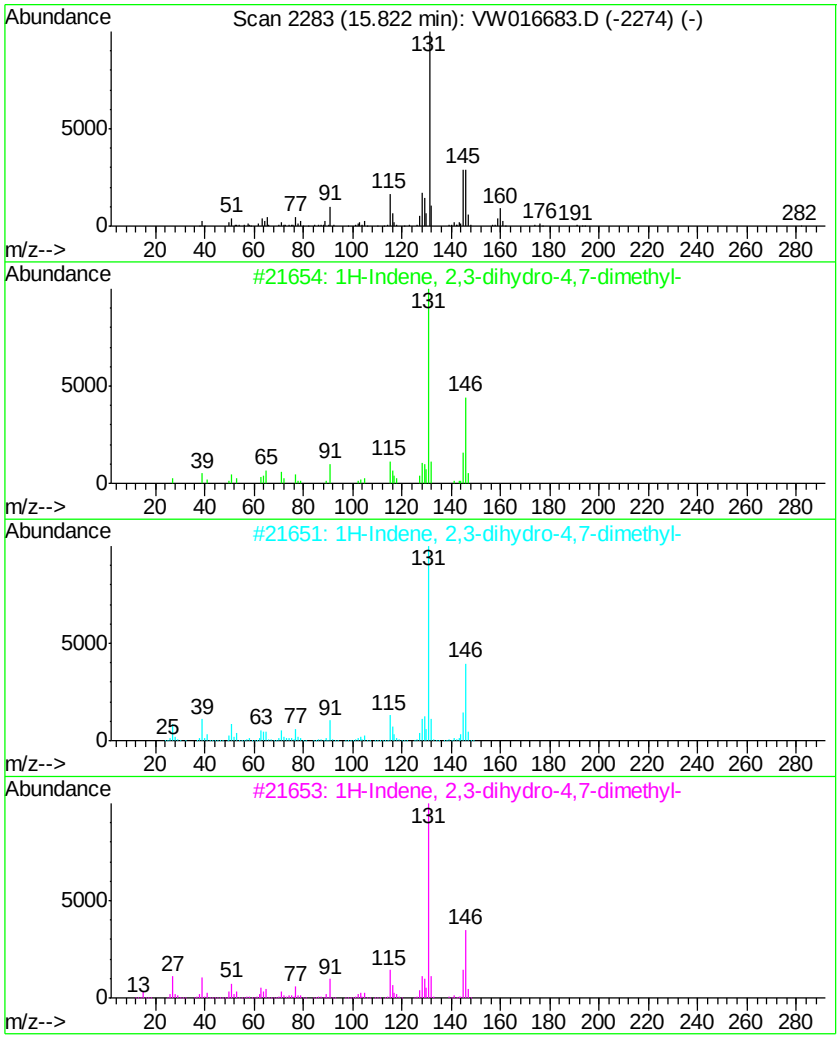
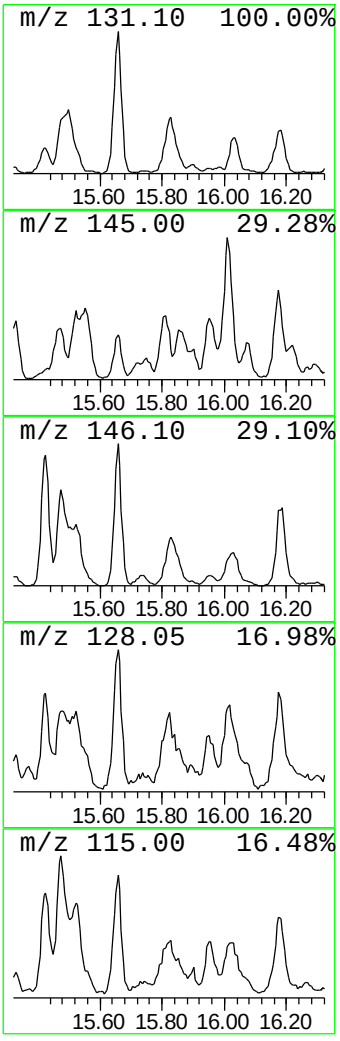
Peak Number 38 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.03 ug/L	253354	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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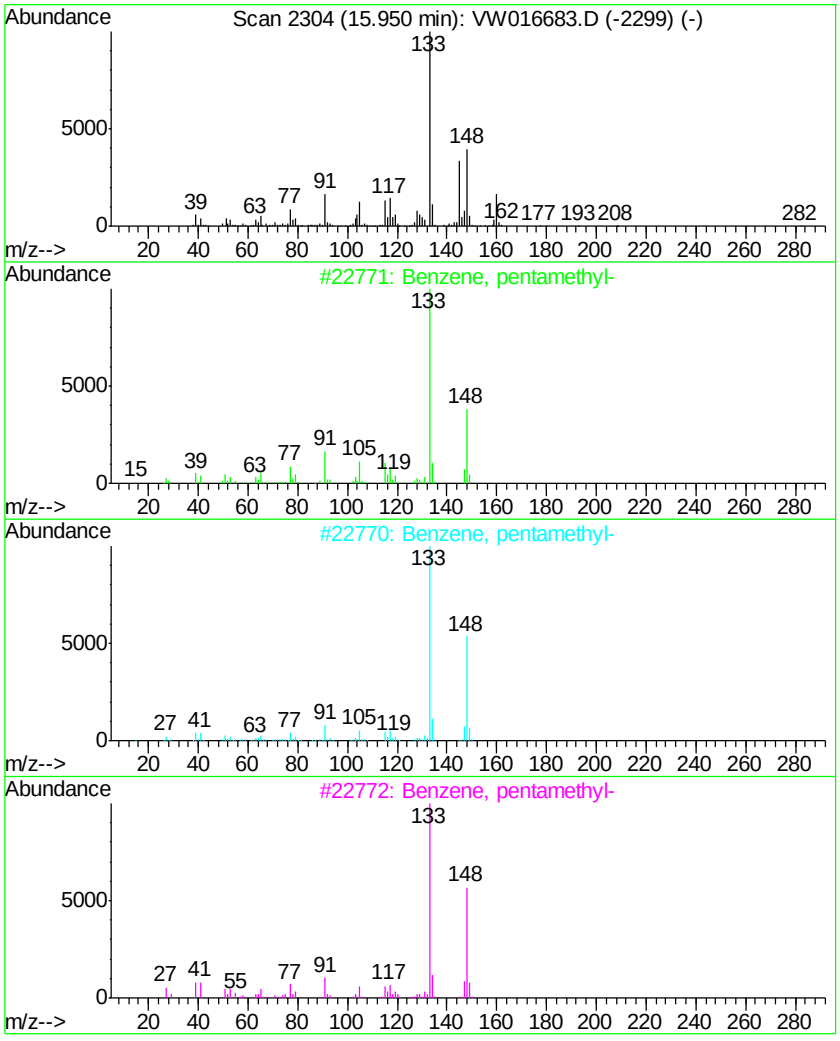
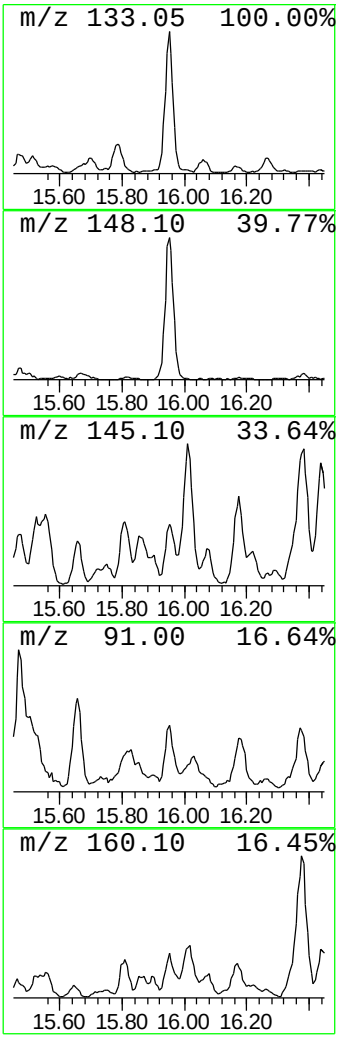
Peak Number 39 3,4-Dimethylcumene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.10 ug/L	262174	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

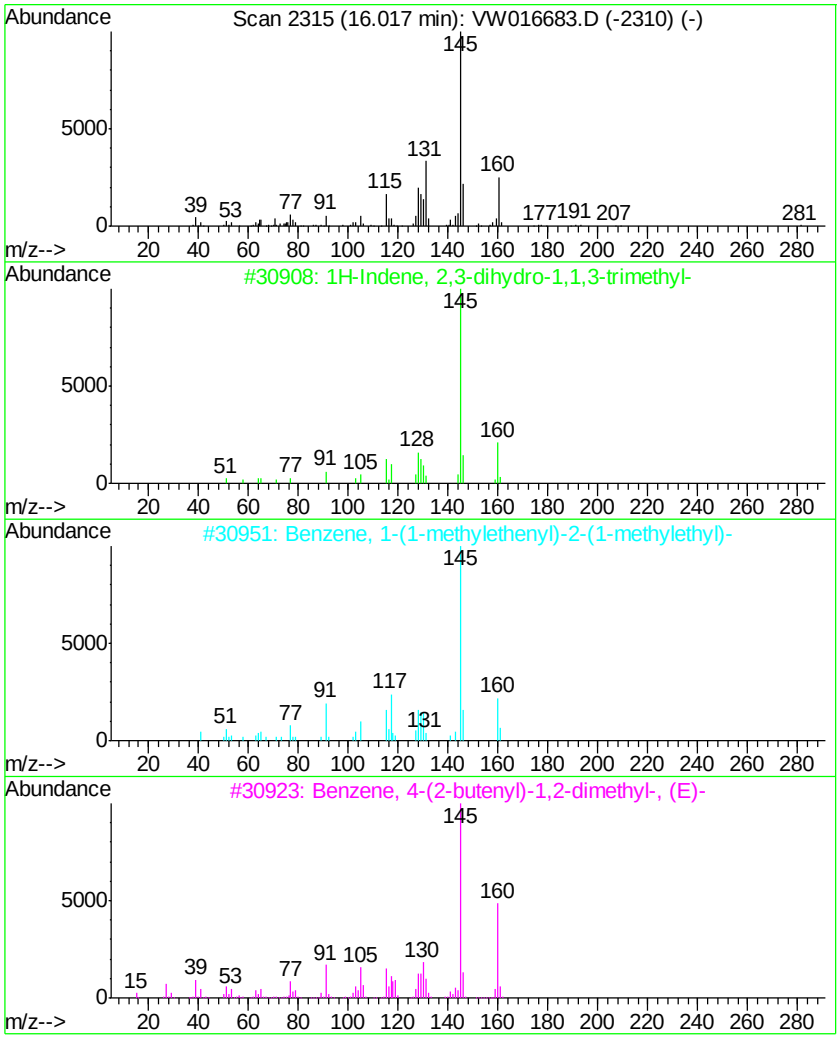
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

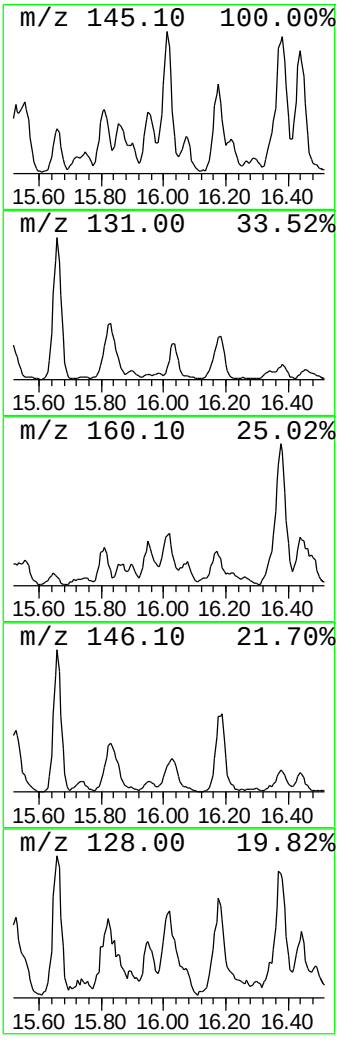
****

Peak Number 40 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.88 ug/L	360266	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	87
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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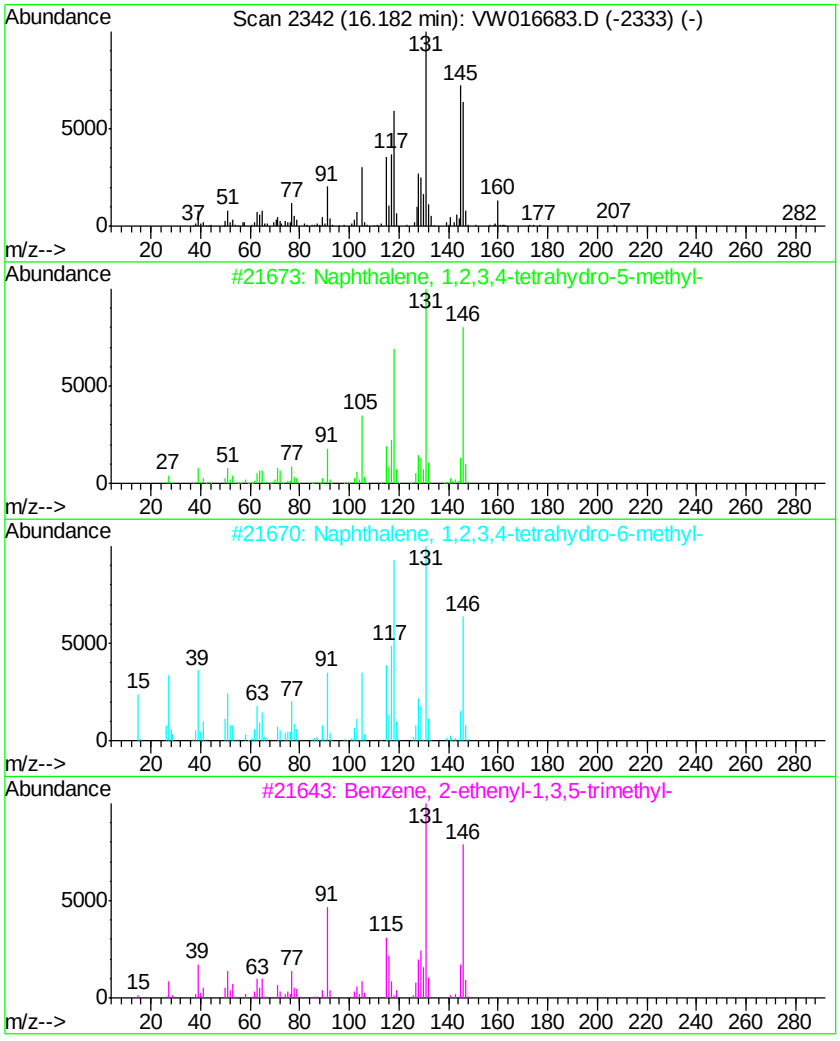
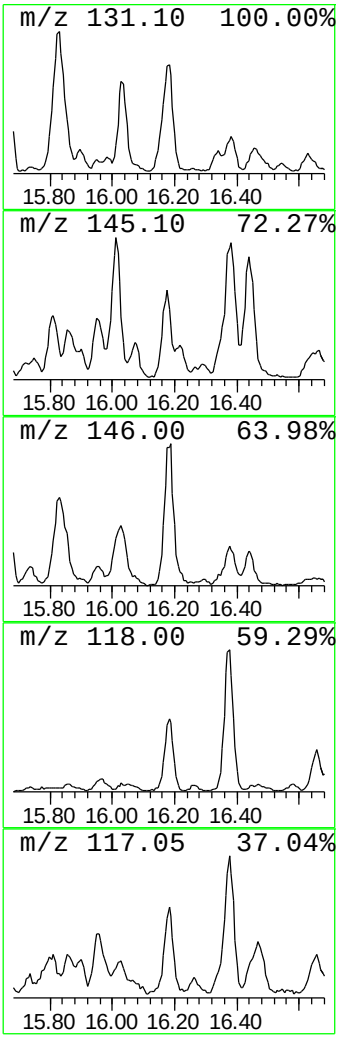
Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.83 ug/L	353045	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

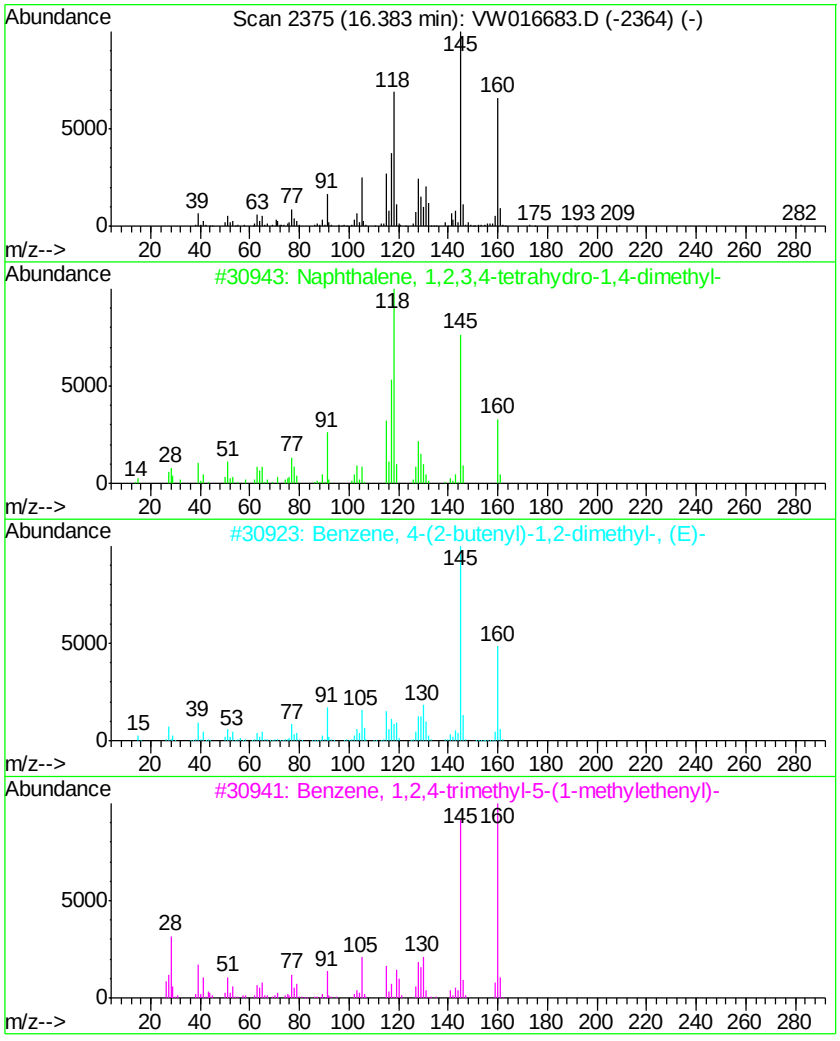
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

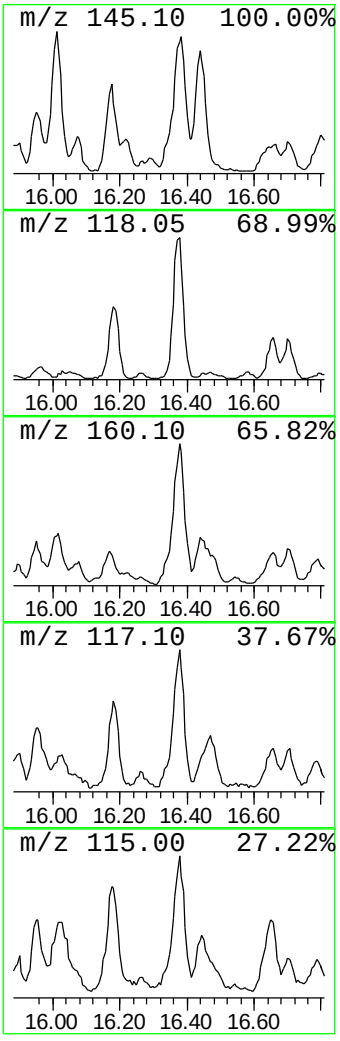
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.62 ug/L	452281	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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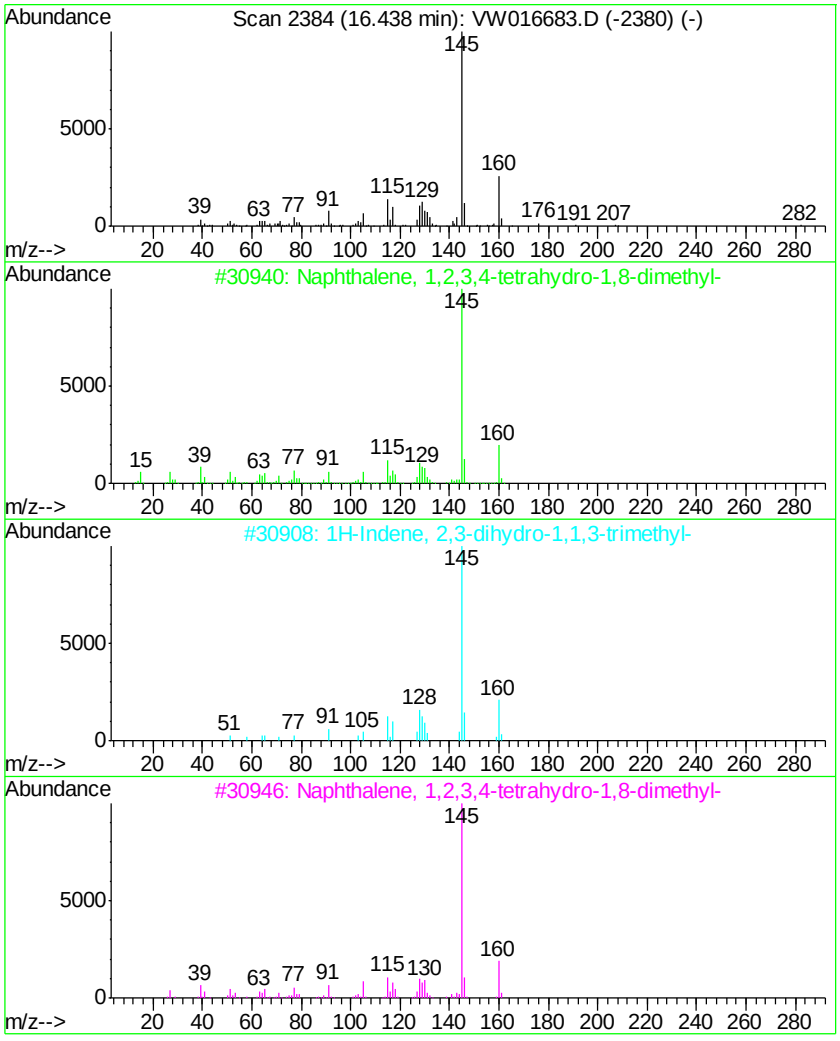
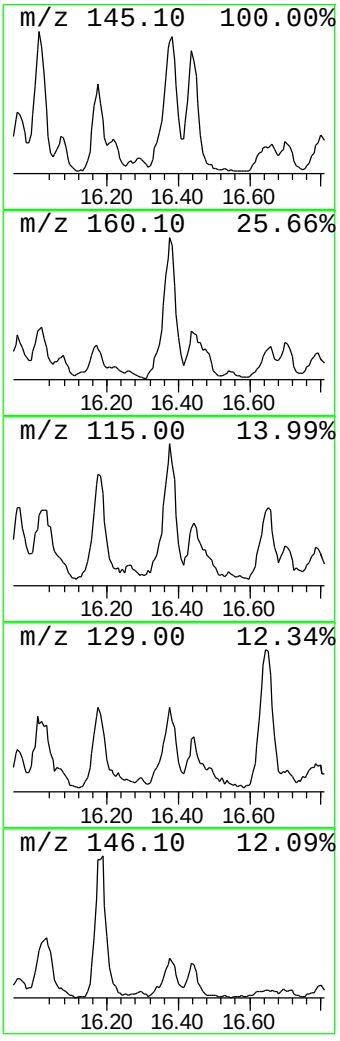
Peak Number 43 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	1.91 ug/L	238076	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	94
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

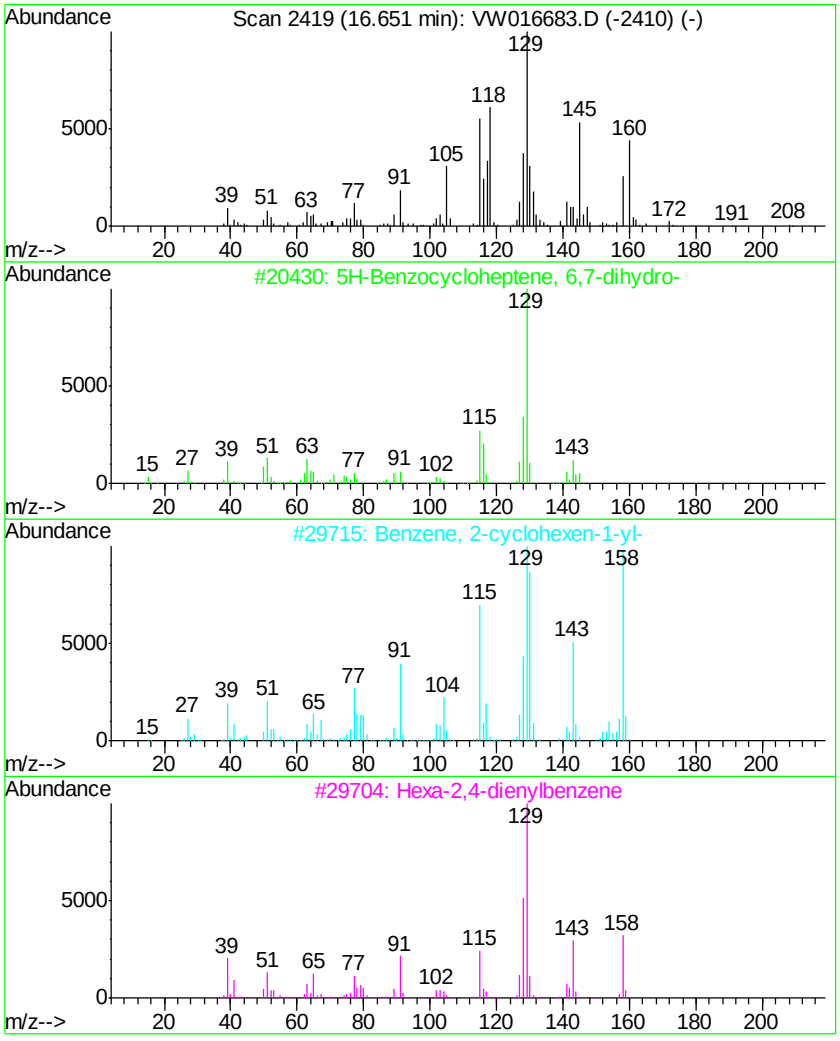
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

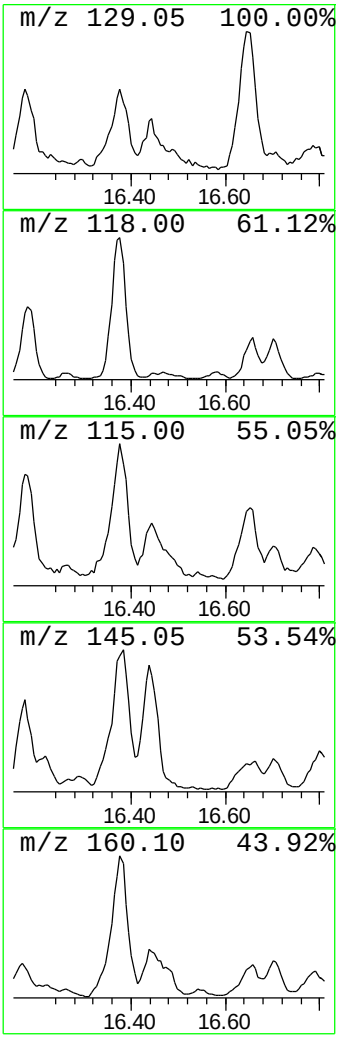
****

Peak Number 44 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1.36 ug/L	169289	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	38
2	Benzene, 2-cyclohexen-1-yl-	158	C12H14	015232-96-9	38
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	30
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	27
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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...	5.45	15.9	ug/L	1410990	1	8.85	2217660	25.0
(DEL) Alkane: Str...	6.73	16.1	ug/L	1431000	1	8.85	2217660	25.0
(DEL) Alkane: Str...	6.88	13.3	ug/L	1181570	1	8.85	2217660	25.0
(DEL) Alkane: Str...	9.08	2.5	ug/L	220752	1	8.85	2217660	25.0
(DEL) Alkane: Cyc...	9.61	1.5	ug/L	134453	1	8.85	2217660	25.0
(DEL) Alkane: Cyc...	9.76	2.2	ug/L	192455	1	8.85	2217660	25.0
(DEL) Alkane: Str...	9.90	1.4	ug/L	121659	1	8.85	2217660	25.0
(DEL) Alkane: Cyc...	10.09	2.1	ug/L	186910	1	8.85	2217660	25.0
(DEL) Alkane: Cyc...	10.24	1.3	ug/L	143206	2	11.63	2718180	25.0
(DEL) Alkane: Cyc...	10.49	3.2	ug/L	343612	2	11.63	2718180	25.0
(DEL) Alkane: Cyc...	10.67	9.7	ug/L	1055830	2	11.63	2718180	25.0
(DEL) Alkane: Cyc...	10.76	3.9	ug/L	419926	2	11.63	2718180	25.0
(DEL) Alkane: Cyc...	11.15	1.3	ug/L	141739	2	11.63	2718180	25.0
(DEL) Alkane: Cyc...	11.23	2.7	ug/L	298409	2	11.63	2718180	25.0
Benzene, 1-methyl...	13.38	3.2	ug/L	400904	3	13.56	3123230	25.0
Benzene, 1,3-diet...	13.72	7.0	ug/L	874387	3	13.56	3123230	25.0
Indane	13.76	1.6	ug/L	206598	3	13.56	3123230	25.0
2-(Trimethylsilyl...	14.07	1.6	ug/L	199369	3	13.56	3123230	25.0
Benzene, 1,3-diet...	14.20	9.4	ug/L	1180290	3	13.56	3123230	25.0
2-tert-Butyltoluene	14.26	1.7	ug/L	212641	3	13.56	3123230	25.0
Benzene, 1-ethyl-...	14.32	2.0	ug/L	251127	3	13.56	3123230	25.0
Benzene, (3-methy...	14.39	1.5	ug/L	186779	3	13.56	3123230	25.0
Benzene, 1,2,3,5-...	14.42	4.1	ug/L	514152	3	13.56	3123230	25.0
2-Ethyl-2-methyl-...	14.50	7.1	ug/L	891312	3	13.56	3123230	25.0
Benzene, (1,1-dim...	14.60	6.4	ug/L	801074	3	13.56	3123230	25.0
Benzene, 2-etheny...	14.69	2.5	ug/L	318625	3	13.56	3123230	25.0
Benzene, 1-etheny...	14.81	5.8	ug/L	727407	3	13.56	3123230	25.0
Benzene, 1-ethyl-...	14.88	1.6	ug/L	201334	3	13.56	3123230	25.0
Benzene, 1,1'-(1,...	14.91	1.3	ug/L	165439	3	13.56	3123230	25.0
Benzene, 2,4-dime...	14.99	1.4	ug/L	172321	3	13.56	3123230	25.0
Benzene, pentamet...	15.06	1.8	ug/L	224635	3	13.56	3123230	25.0
Naphthalene, 1,2,...	15.43	3.4	ug/L	424056	3	13.56	3123230	25.0
2-Ethyl-2,3-dihyd...	15.47	1.8	ug/L	225422	3	13.56	3123230	25.0
1H-Indene, 2,3-di...	15.66	3.6	ug/L	447913	3	13.56	3123230	25.0
1H-Indene, 2,3-di...	15.82	2.0	ug/L	253354	3	13.56	3123230	25.0
3,4-Dimethylcumene	15.95	2.1	ug/L	262174	3	13.56	3123230	25.0
1H-Indene, 2,3-di...	16.02	2.9	ug/L	360266	3	13.56	3123230	25.0
Naphthalene, 1,2,...	16.18	2.8	ug/L	353045	3	13.56	3123230	25.0
Naphthalene, 1,2,...	16.38	3.6	ug/L	452281	3	13.56	3123230	25.0
1H-Indene, 2,3-di...	16.44	1.9	ug/L	238076	3	13.56	3123230	25.0
unknown-01	16.65	1.4	ug/L	169289	3	13.56	3123230	25.0