LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W042020S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	35	40	48	rBV	5564	10781	1.18%	0.146%
2	4.922	486	495	505	rBV3	4264	13772	1.51%	0.186%
3	7.884	971	981	986	rBV	124021	292558	32.01%	3.959%
4	7.945	986	991	1001	rVB	259515	577301	63.16%	7.813%
5	8.305	1041	1050	1061	rBV	107996	233028	25.49%	3.154%
6	8.842	1129	1138	1148	rBV	330498	654084	71.56%	8.852%
7	10.323	1373	1381	1389	rBV	522960	914017	100.00%	12.369%
8	11.177	1513	1521	1525	rBV	8273	15646	1.71%	0.212%
9	11.225	1525	1529	1536	rVB3	8728	16034	1.75%	0.217%
10	11.628	1588	1595	1606	rVB	431582	733701	80.27%	9.929%
11	11.731	1606	1612	1615	rBV2	10388	18966	2.08%	0.257%
12	11.872	1632	1635	1639	rVV	11940	23367	2.56%	0.316%
13	11.914	1639	1642	1648	rVB3	8707	15089	1.65%	0.204%
14	12.164	1671	1683	1690	rBV	69707	147162	16.10%	1.992%
15	12.250	1694	1697	1701	rVB	7915	10842	1.19%	0.147%
16	12.341	1707	1712	1715	rVV4	13634	27696	3.03%	0.375%
17	12.384	1715	1719	1723	rVV2	13671	26779	2.93%	0.362%
18	12.463	1727	1732	1736	rBV4	5284	10218	1.12%	0.138%
19	12.615	1751	1757	1765	rBV	349805	572241	62.61%	7.744%
20	12.695	1765	1770	1775	rVV5	6537	13352	1.46%	0.181%
21	12.780	1775	1784	1791	rVV3	20492	50882	5.57%	0.689%
22	12.865	1791	1798	1799	rVV4	7954	15970	1.75%	0.216%
23	12.902	1799	1804	1806	rVV	32625	56267	6.16%	0.761%
24	12.938	1806	1810	1816	rVV	67591	123387	13.50%	1.670%
25	12.987	1816	1818	1823	rVB3	6811	9603	1.05%	0.130%
26	13.103	1828	1837	1843	rBV	66872	114777	12.56%	1.553%
27	13.176	1843	1849	1857	rVB5	10285	25674	2.81%	0.347%
28	13.255	1857	1862	1865	rBV2	8453	14034	1.54%	0.190%
29	13.383	1878	1883	1886	rVB3	9436	14018	1.53%	0.190%
30	13.438	1886	1892	1897	rBV2	31776	57981	6.34%	0.785%
31	13.493	1898	1901	1905	rVV	14452	20667	2.26%	0.280%
32	13.554	1905	1911	1921	rVB2	370708	737459	80.68%	9.980%
33	13.719	1932	1938	1939	rVV4	15713	25168	2.75%	0.341%
34	13.749	1939	1943	1946	rVV2	45339	78170	8.55%	1.058%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W042020S.M
Title : SW846 8260

35	13.786	1946	1949	1958	rVB2	55890	106162	11.61%	1.437%
36	13.877	1959	1964	1970	rVB3	29664	48241	5.28%	0.653%
37	13.944	1970	1975	1982	rBV	32459	54175	5.93%	0.733%
38	14.097	1988	2000	2006	rVB3	48070	117722	12.88%	1.593%
39	14.158	2006	2010	2012	rBV	9955	14409	1.58%	0.195%
40	14.200	2012	2017	2022	rVV2	64485	109159	11.94%	1.477%
41	14.249	2022	2025	2028	rVV	6052	9201	1.01%	0.125%
42	14.280	2028	2030	2034	rVB3	8647	10103	1.11%	0.137%
43	14.335	2034	2039	2043	rBV2	27987	42655	4.67%	0.577%
44	14.383	2043	2047	2049	rVV4	9196	12585	1.38%	0.170%
45	14.420	2049	2053	2055	rVV	24983	38032	4.16%	0.515%
46	14.456	2055	2059	2063	rVV	56832	80956	8.86%	1.096%
47	14.499	2063	2066	2069	rVV	22415	29830	3.26%	0.404%
48	14.536	2069	2072	2081	rVB5	19599	40474	4.43%	0.548%
49	14.639	2081	2089	2093	rVB2	20605	36962	4.04%	0.500%
50	14.688	2093	2097	2101	rBV4	22114	41771	4.57%	0.565%
51	14.731	2101	2104	2108	rVB2	24655	34659	3.79%	0.469%
52	14.792	2108	2114	2122	rBV3	111401	261538	28.61%	3.539%
53	14.853	2122	2124	2130	rVB2	11584	17770	1.94%	0.240%
54	14.956	2136	2141	2147	rBV	42990	66715	7.30%	0.903%
55	15.066	2154	2159	2162	rBV3	30284	50640	5.54%	0.685%
56	15.176	2171	2177	2185	rVB3	43295	95075	10.40%	1.287%
57	15.316	2195	2200	2205	rBV3	9191	20231	2.21%	0.274%
58	15.420	2211	2217	2221	rBV2	25537	47141	5.16%	0.638%
59	15.475	2221	2226	2227	rBV2	13367	19553	2.14%	0.265%
60	15.657	2248	2256	2261	rBV3	14370	34889	3.82%	0.472%
61	15.822	2277	2283	2285	rBV5	7471	16147	1.77%	0.219%
62	15.865	2285	2290	2299	rVB	34631	67407	7.37%	0.912%
63	15.950	2299	2304	2309	rVB5	6872	12278	1.34%	0.166%
64	16.029	2309	2317	2322	rBV4	9094	24364	2.67%	0.330%
65	16.176	2332	2341	2351	rBV2	23552	62378	6.82%	0.844%
66	16.371	2364	2373	2380	rBV3	16021	41363	4.53%	0.560%
67	16.438	2380	2384	2397	rVB5	9592	29006	3.17%	0.393%
68	16.645	2410	2418	2424	rBV6	8586	25113	2.75%	0.340%

Sum of corrected areas: 7389395

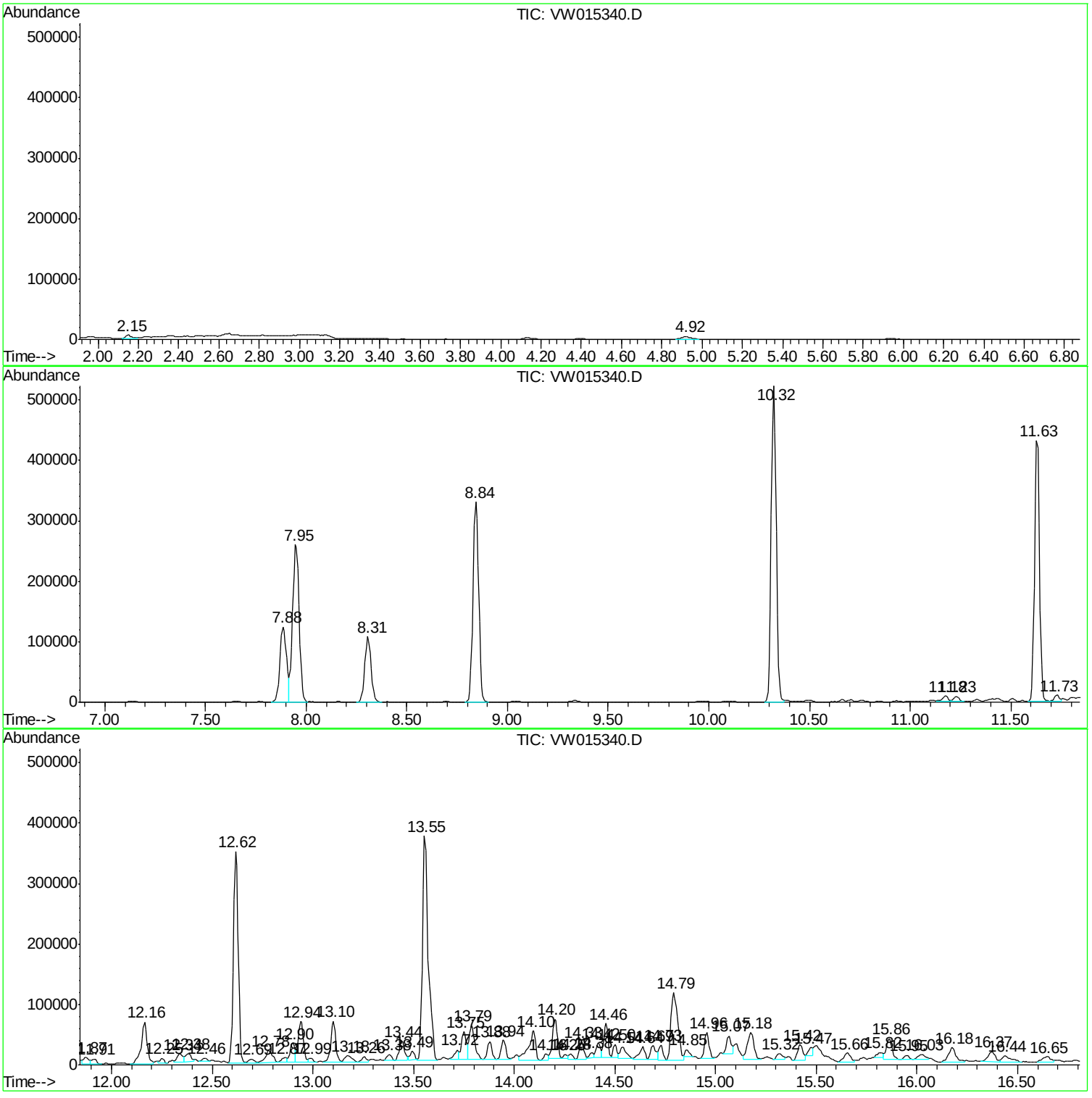
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

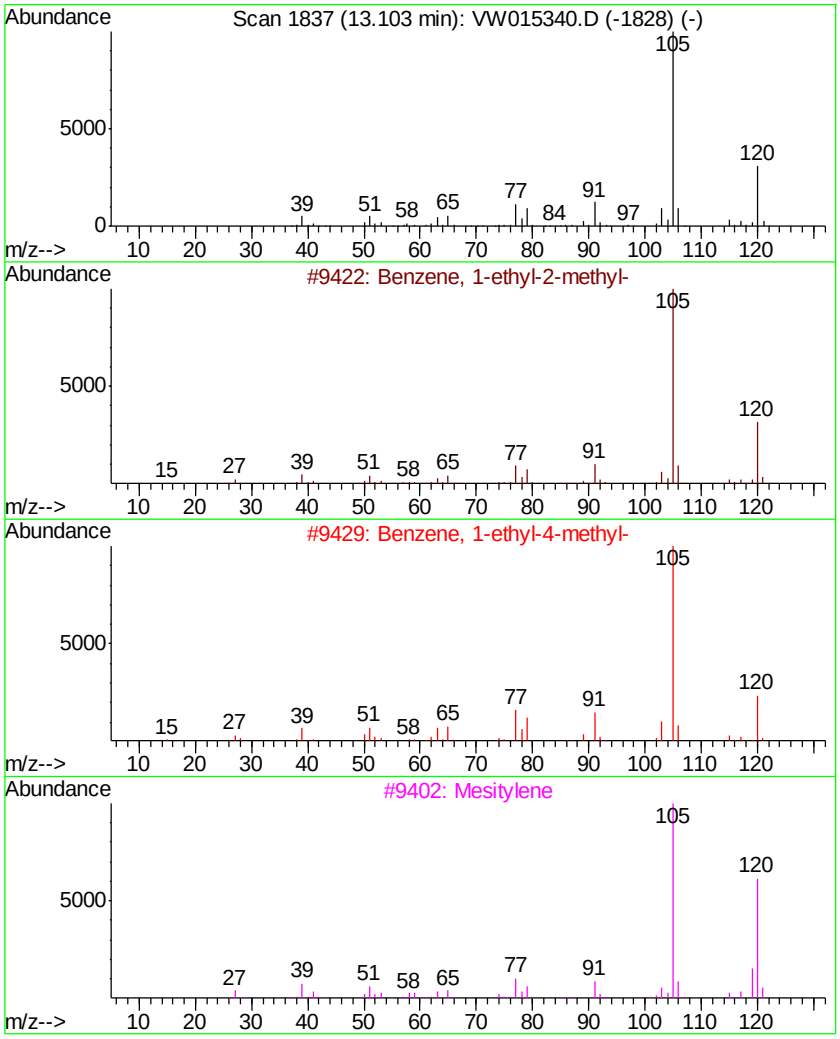
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

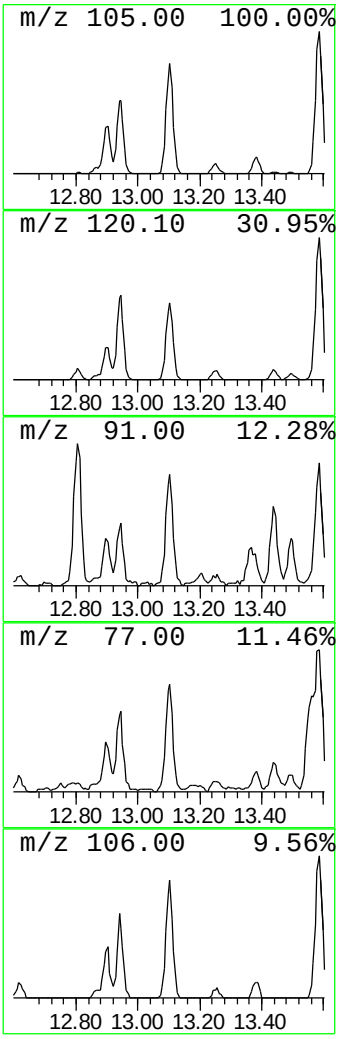
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	7.78 ug/l	114777	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

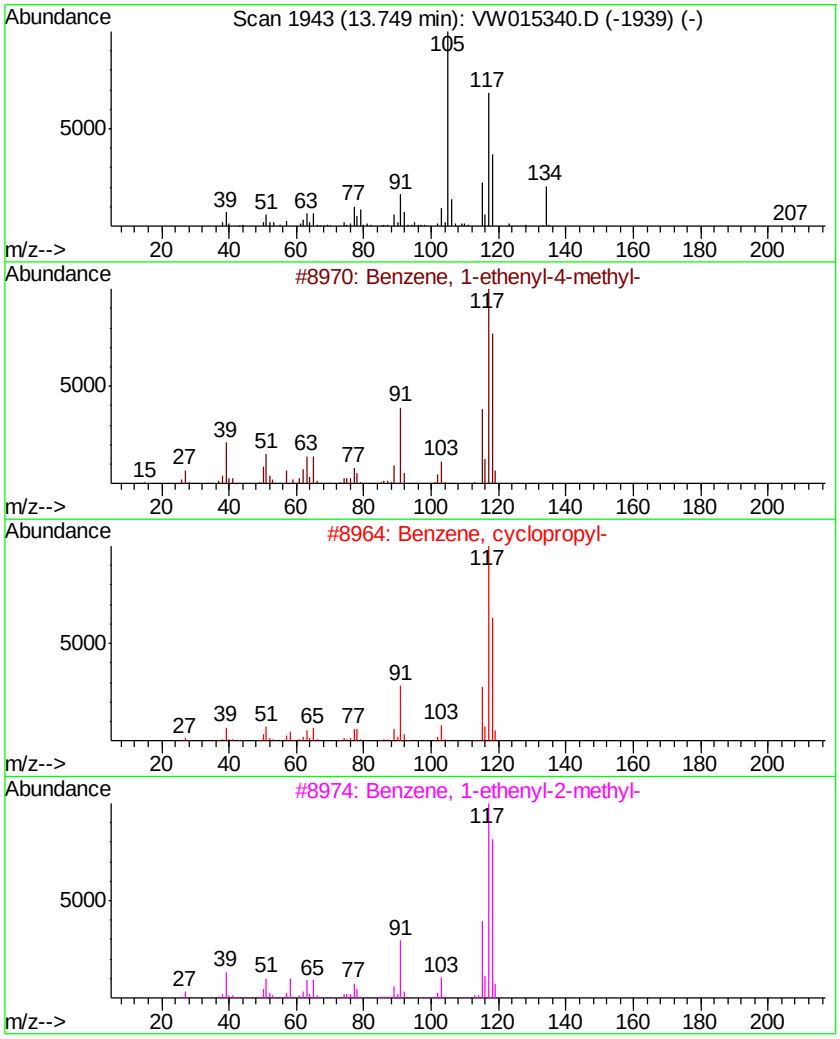
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

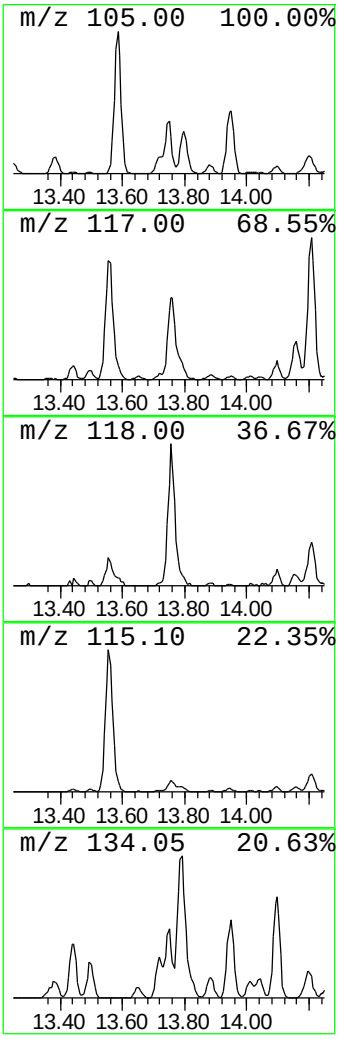
****

Peak Number 2 unknown13.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.30 ug/l	78170	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	49
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	46
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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

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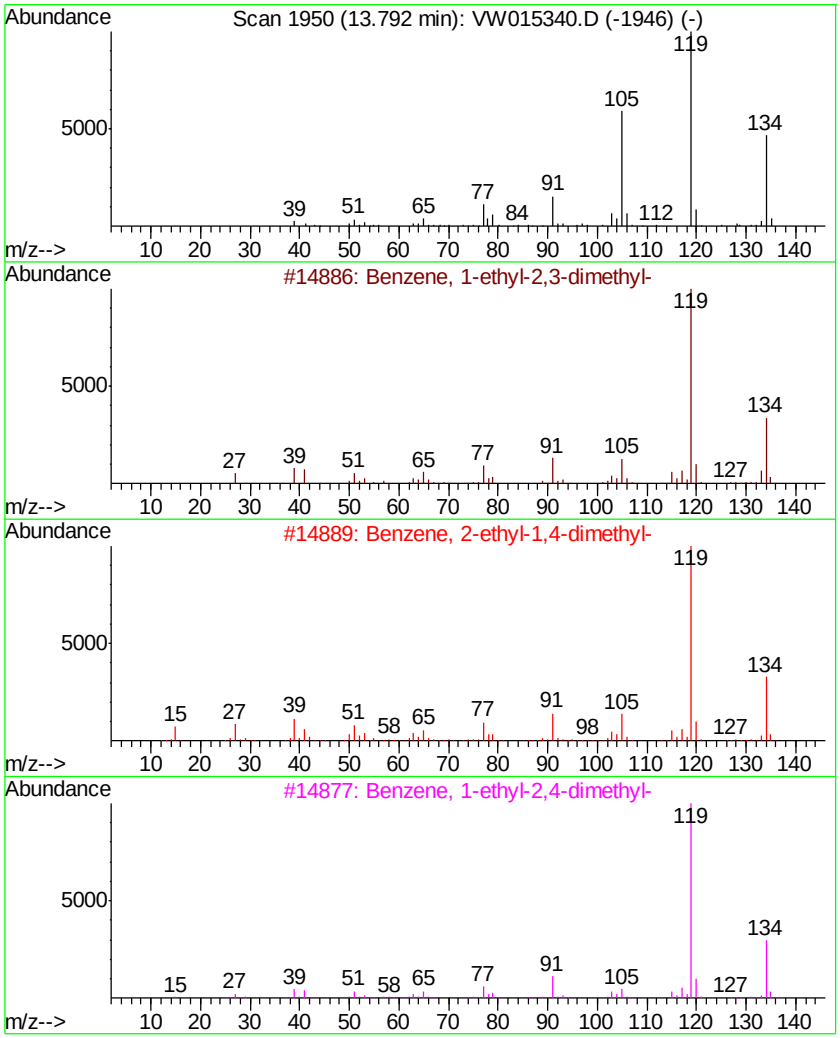
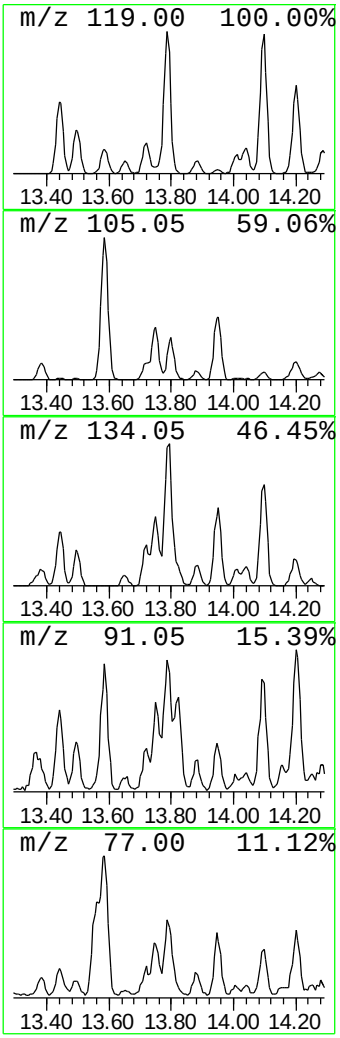
Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.20 ug/l	106162	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

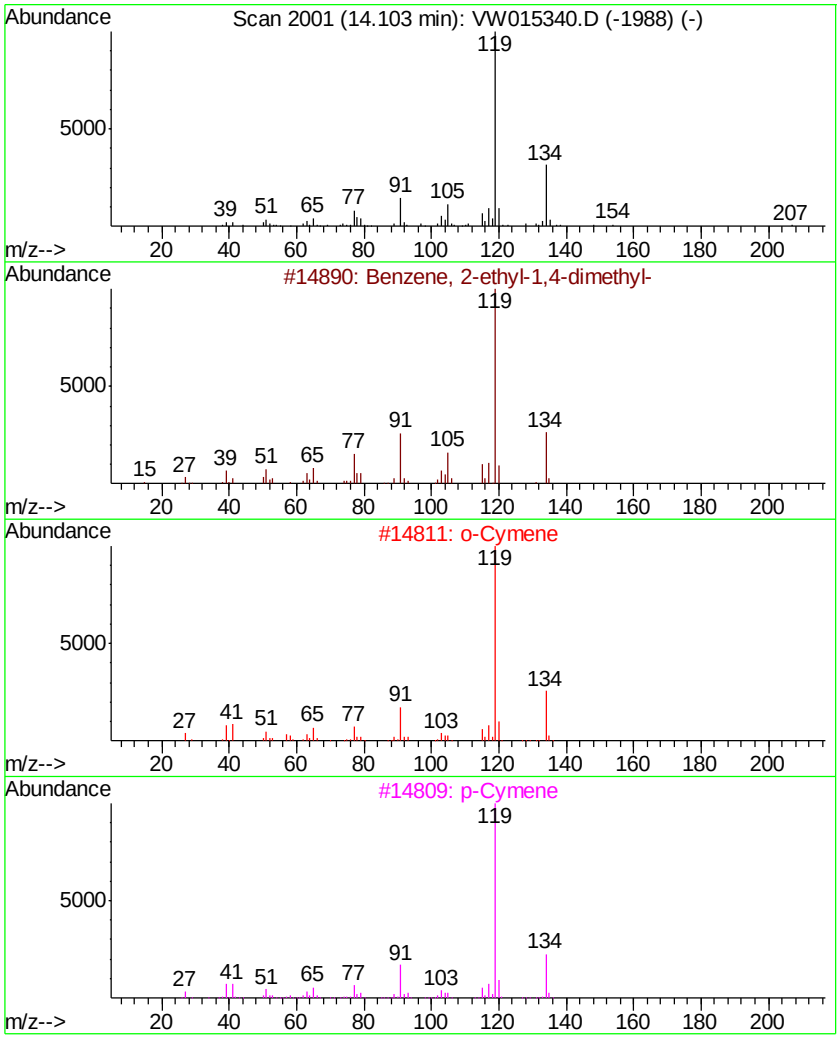
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

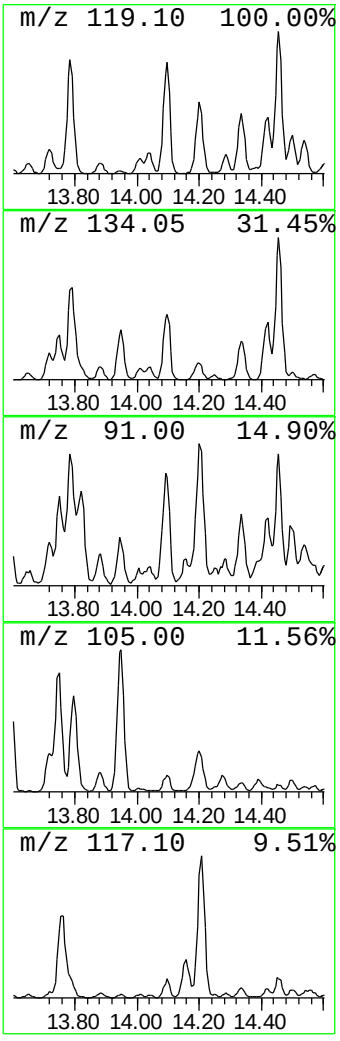
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	7.98 ug/l	117722	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

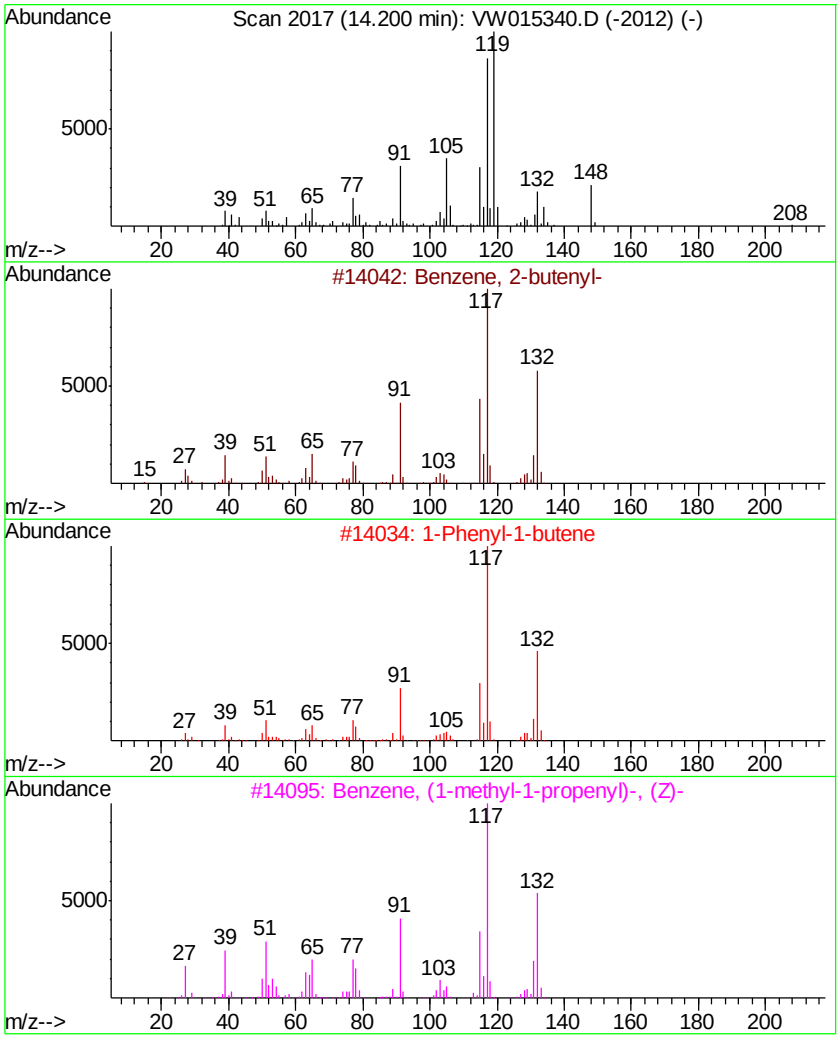
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

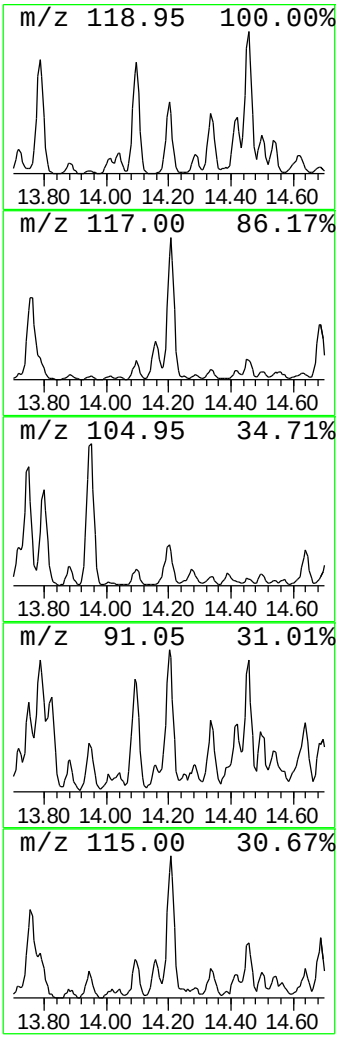
****

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	7.40 ug/l	109159	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

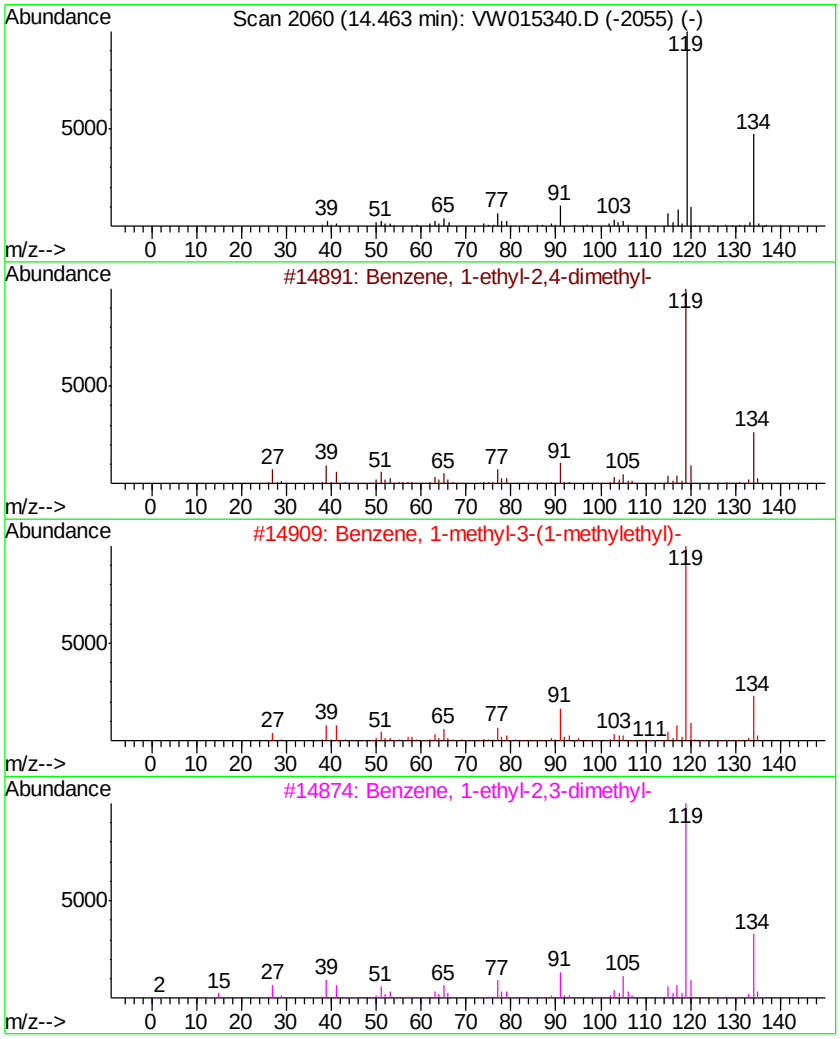
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

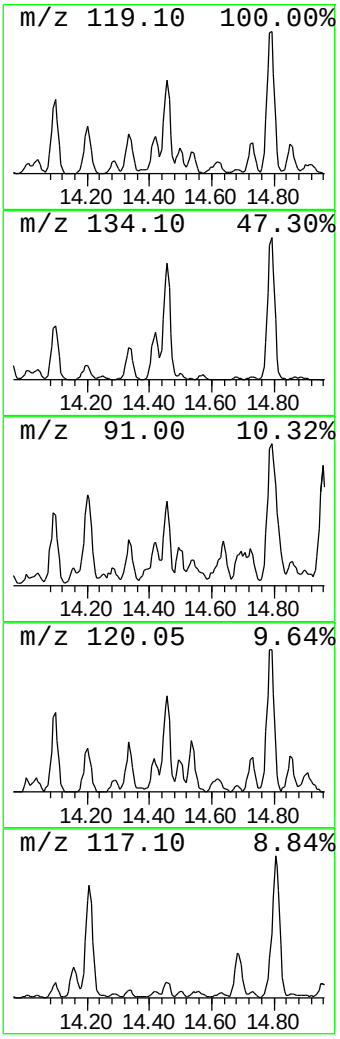
****

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	5.49 ug/l	80956	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

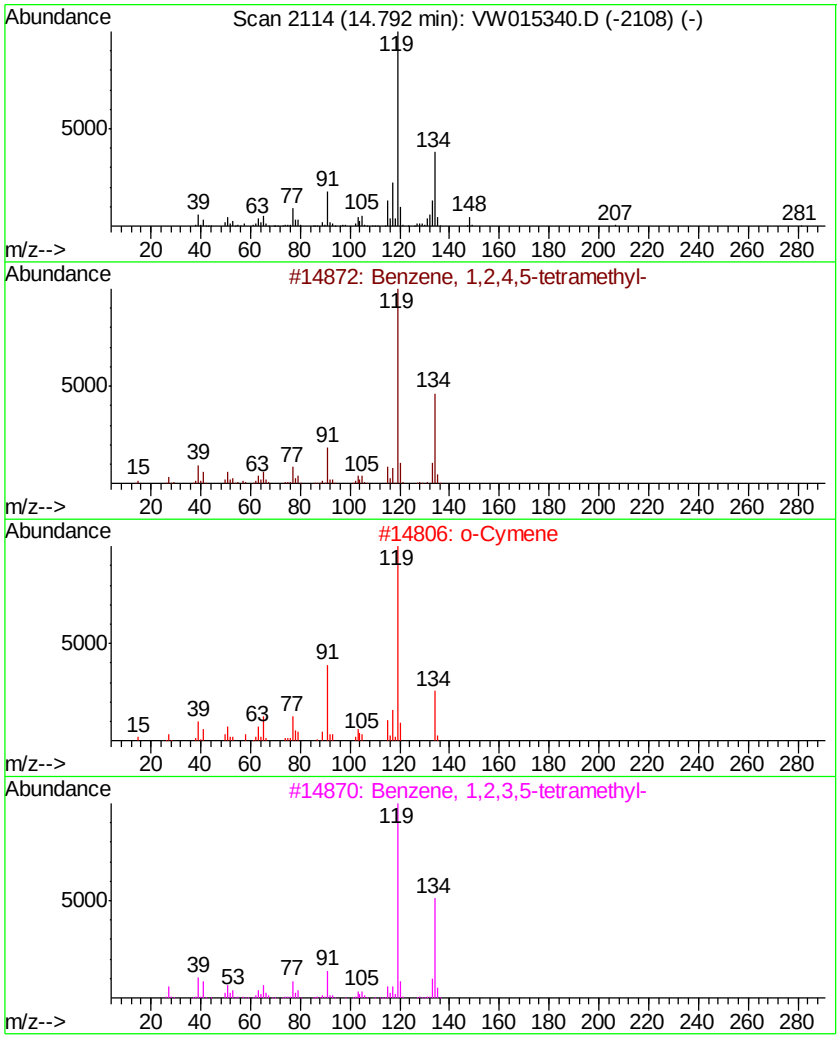
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

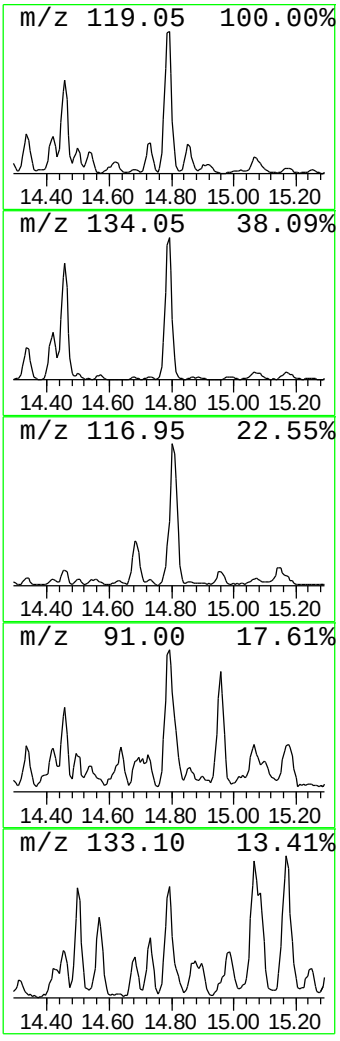
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	17.73 ug/l	261538	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	o-Cymene	134	C10H14	000527-84-4	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

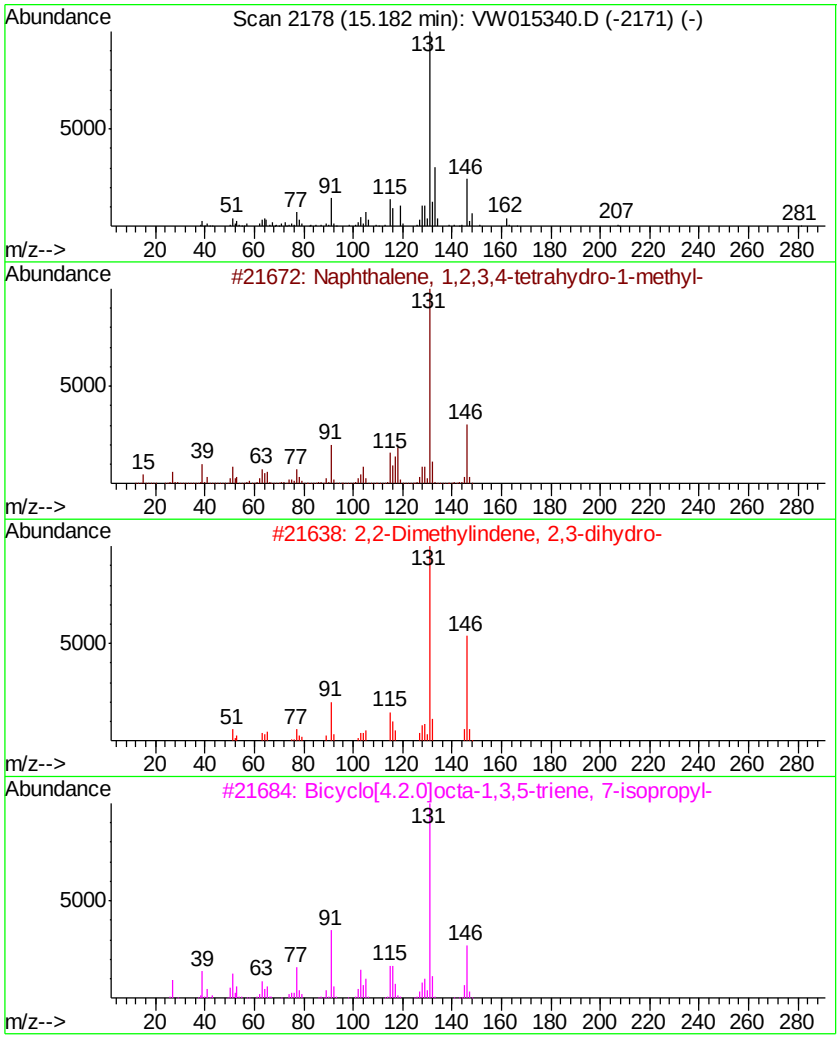
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

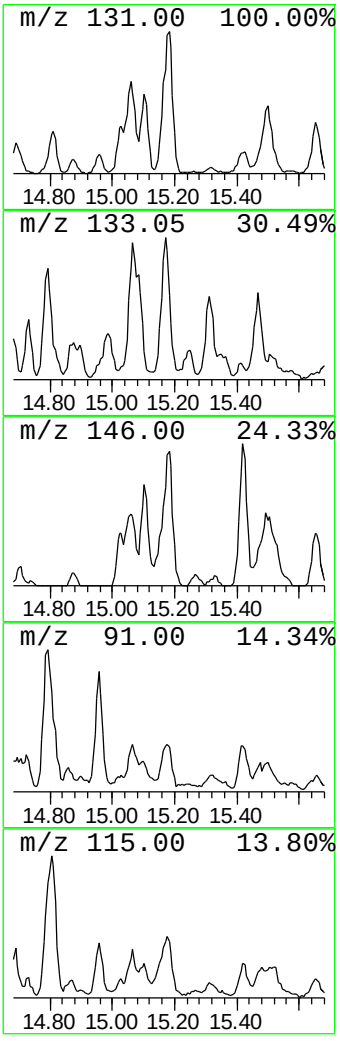
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.45 ug/l	95075	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042420\
Data File : VW015340.D
Acq On : 24 Apr 2020 13:55
Operator : SY/VA
Sample : L2118-01
Misc : 7.66G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-02-042320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	13.10	7.8	ug/l	114777	4	13.55	737459	50.0
unknown13.75	13.75	5.3	ug/l	78170	4	13.55	737459	50.0
Benzene, 1-ethyl-...	13.79	7.2	ug/l	106162	4	13.55	737459	50.0
Benzene, 2-ethyl-...	14.10	8.0	ug/l	117722	4	13.55	737459	50.0
Benzene, 2-butenyl-	14.20	7.4	ug/l	109159	4	13.55	737459	50.0
Benzene, 1-ethyl-...	14.46	5.5	ug/l	80956	4	13.55	737459	50.0
Benzene, 1,2,4,5-...	14.79	17.7	ug/l	261538	4	13.55	737459	50.0
Naphthalene, 1,2,...	15.18	6.5	ug/l	95075	4	13.55	737459	50.0