LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

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\82W112118S.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	7.890	973	982	987	rBV	28567	68459	1.08%	0.170%
2	7.951	987	992	1001	rVB	36969	79314	1.25%	0.196%
3	8.311	1033	1051	1060	rBV2	33203	85434	1.35%	0.212%
4	8.848	1131	1139	1148	rBV	64372	129299	2.04%	0.320%
5	10.323	1374	1381	1391	rBV	94068	190668	3.00%	0.472%
6	11.634	1589	1596	1605	rBV	73432	127042	2.00%	0.315%
7	11.878	1630	1636	1640	rBV	48659	91310	1.44%	0.226%
8	12.140	1672	1679	1685	rBV4	65768	148027	2.33%	0.367%
9	12.256	1691	1698	1702	rVB2	72269	118912	1.87%	0.295%
10	12.341	1702	1712	1714	rBV4	60194	145571	2.29%	0.361%
11	12.469	1727	1733	1737	rBV	139841	231100	3.64%	0.572%
12	12.542	1742	1745	1752	rVB3	70135	120228	1.89%	0.298%
13	12.621	1752	1758	1763	rBV2	82354	136545	2.15%	0.338%
14	12.701	1764	1771	1776	rBV4	32728	75493	1.19%	0.187%
15	12.804	1781	1788	1793	rVB	179674	346687	5.46%	0.859%
16	12.944	1803	1811	1816	rBV4	86905	213087	3.36%	0.528%
17	12.999	1816	1820	1825	rVB	57034	91306	1.44%	0.226%
18	13.085	1829	1834	1837	rBV2	61407	86960	1.37%	0.215%
19	13.133	1837	1842	1844	rBV3	55287	86064	1.36%	0.213%
20	13.170	1844	1848	1854	rVB2	177208	251821	3.97%	0.624%
21	13.298	1865	1869	1873	rVB	52363	65983	1.04%	0.163%
22	13.353	1873	1878	1879	rBV3	59314	82303	1.30%	0.204%
23	13.383	1879	1883	1888	rVV2	172050	293755	4.63%	0.728%
24	13.450	1888	1894	1898	rVV3	122896	244647	3.85%	0.606%
25	13.487	1898	1900	1905	rVB2	92203	120232	1.89%	0.298%
26	13.725	1931	1939	1942	rBV2	209122	389038	6.13%	0.964%
27	13.761	1942	1945	1949	rVB	266107	372697	5.87%	0.923%
28	13.810	1949	1953	1954	rBV	67657	83557	1.32%	0.207%
29	13.883	1960	1965	1969	rBV3	286178	511347	8.05%	1.267%
30	13.926	1969	1972	1976	rVB2	97265	136398	2.15%	0.338%
31	13.987	1978	1982	1986	rBV3	111571	173953	2.74%	0.431%
32	14.036	1986	1990	1994	rBV3	123500	242928	3.83%	0.602%
33	14.103	1996	2001	2005	rVV	719753	1034944	16.30%	2.563%
34	14.213	2014	2019	2024	rVB2	594995	1028361	16.19%	2.547%

LSC Area Percent Report

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Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

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\82W112118S.M
Title : SW846 8260

35	14.273	2024	2029	2034	rBV4	154281	262564	4.13%	0.650%
36	14.322	2034	2037	2039	rBV2	85013	112085	1.77%	0.278%
37	14.353	2039	2042	2044	rBV	67487	77460	1.22%	0.192%
38	14.395	2044	2049	2051	rVV2	375511	610238	9.61%	1.512%
39	14.426	2051	2054	2063	rVB	605084	918373	14.46%	2.275%
40	14.505	2063	2067	2070	rBV	185741	274689	4.33%	0.680%
41	14.554	2070	2075	2081	rBV4	178972	397697	6.26%	0.985%
42	14.609	2082	2084	2087	rBV2	64812	79261	1.25%	0.196%
43	14.694	2094	2098	2103	rVB	557905	823771	12.97%	2.040%
44	14.743	2103	2106	2110	rVB3	137295	163270	2.57%	0.404%
45	14.810	2110	2117	2121	rBV3	1560803	3446570	54.27%	8.537%
46	14.853	2121	2124	2132	rVB2	780825	1578450	24.86%	3.910%
47	15.036	2148	2154	2155	rBV5	274016	427003	6.72%	1.058%
48	15.072	2155	2160	2164	rVV2	745655	1401899	22.08%	3.472%
49	15.115	2164	2167	2173	rVV2	315957	537808	8.47%	1.332%
50	15.188	2173	2179	2185	rVV3	691552	1478266	23.28%	3.662%
51	15.273	2190	2193	2198	rVB3	292146	468946	7.38%	1.162%
52	15.340	2198	2204	2210	rVB2	926794	1582423	24.92%	3.920%
53	15.426	2211	2218	2222	rBV5	329841	801643	12.62%	1.986%
54	15.481	2223	2227	2230	rBV3	278788	437244	6.89%	1.083%
55	15.670	2250	2258	2264	rBV3	673255	1648164	25.95%	4.082%
56	15.743	2266	2270	2275	rVB3	332839	589540	9.28%	1.460%
57	15.834	2281	2285	2288	rBV3	244941	443052	6.98%	1.097%
58	15.871	2288	2291	2297	rVB	459360	803846	12.66%	1.991%
59	15.962	2303	2306	2310	rVB3	188000	285902	4.50%	0.708%
60	16.188	2336	2343	2347	rBV3	401597	952414	15.00%	2.359%
61	16.304	2357	2362	2367	rBV	431637	782236	12.32%	1.938%
62	16.389	2371	2376	2380	rVV3	328129	741630	11.68%	1.837%
63	16.456	2380	2387	2399	rVB	2833891	6350267	100.00%	15.729%
64	16.657	2412	2420	2433	rVB	1675724	4292171	67.59%	10.631%

Sum of corrected areas: 40372352

LSC Report - Integrated Chromatogram

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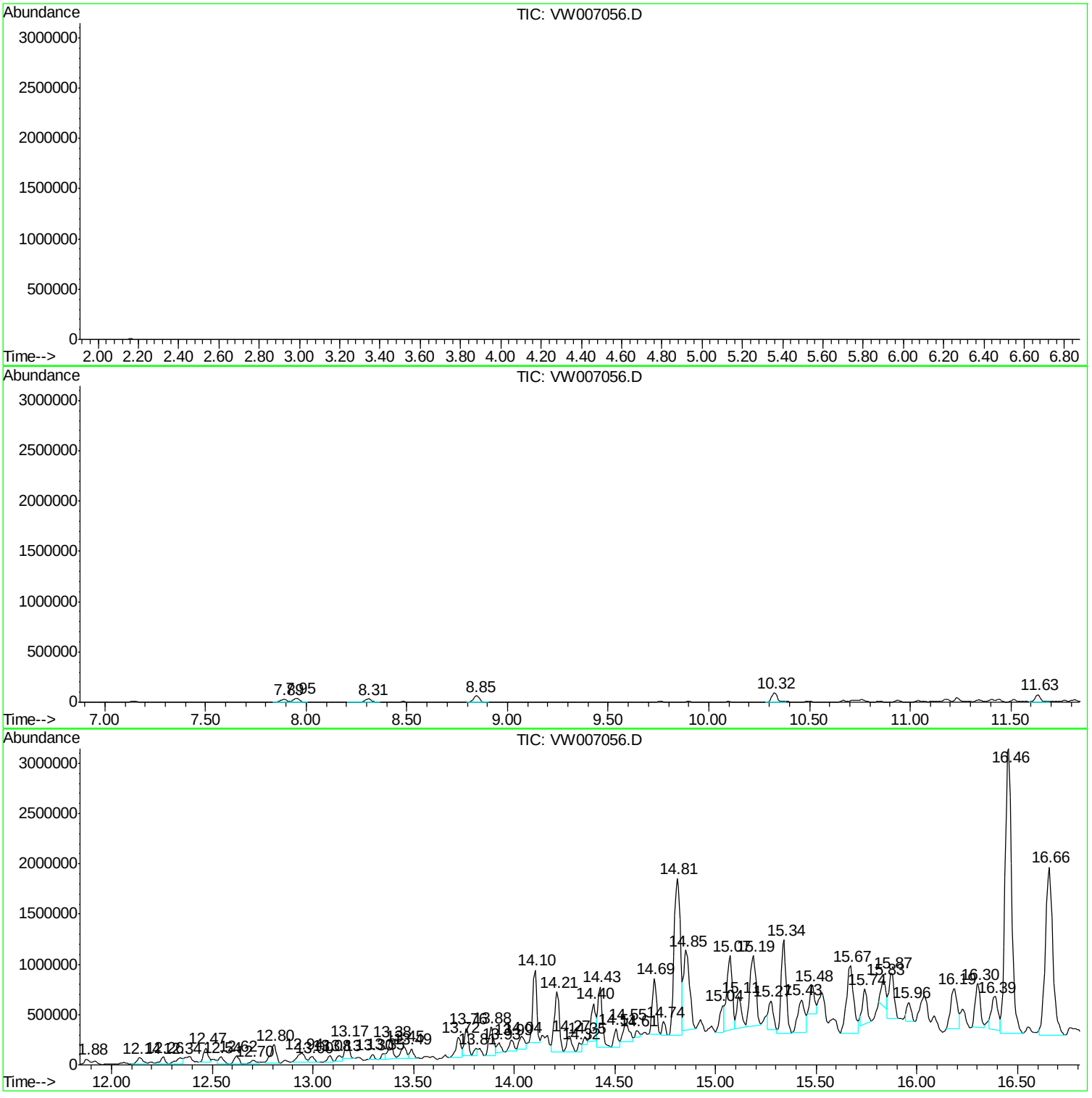
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

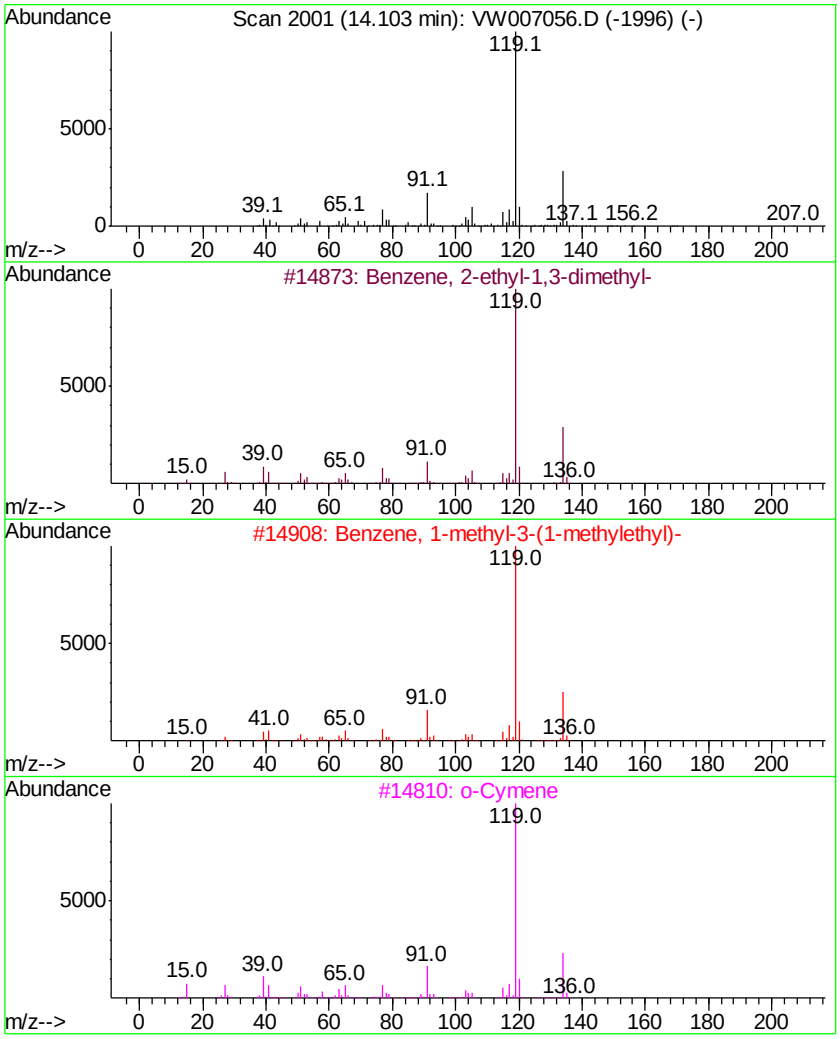
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

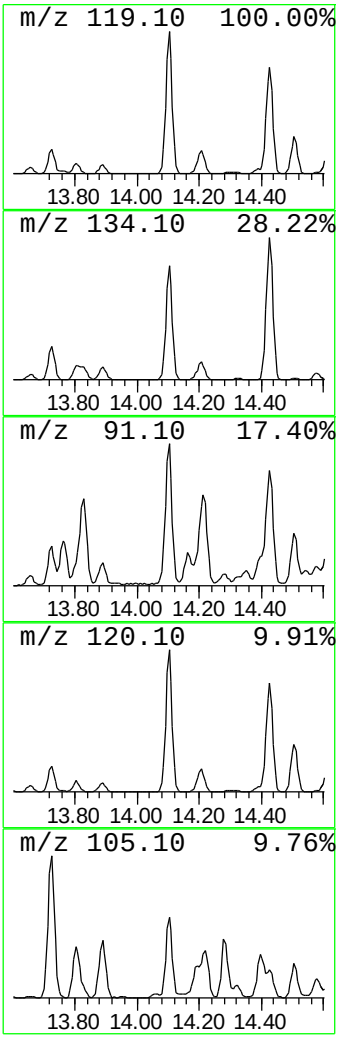
****

Peak Number 1 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	430.40 ug/l	1034940	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

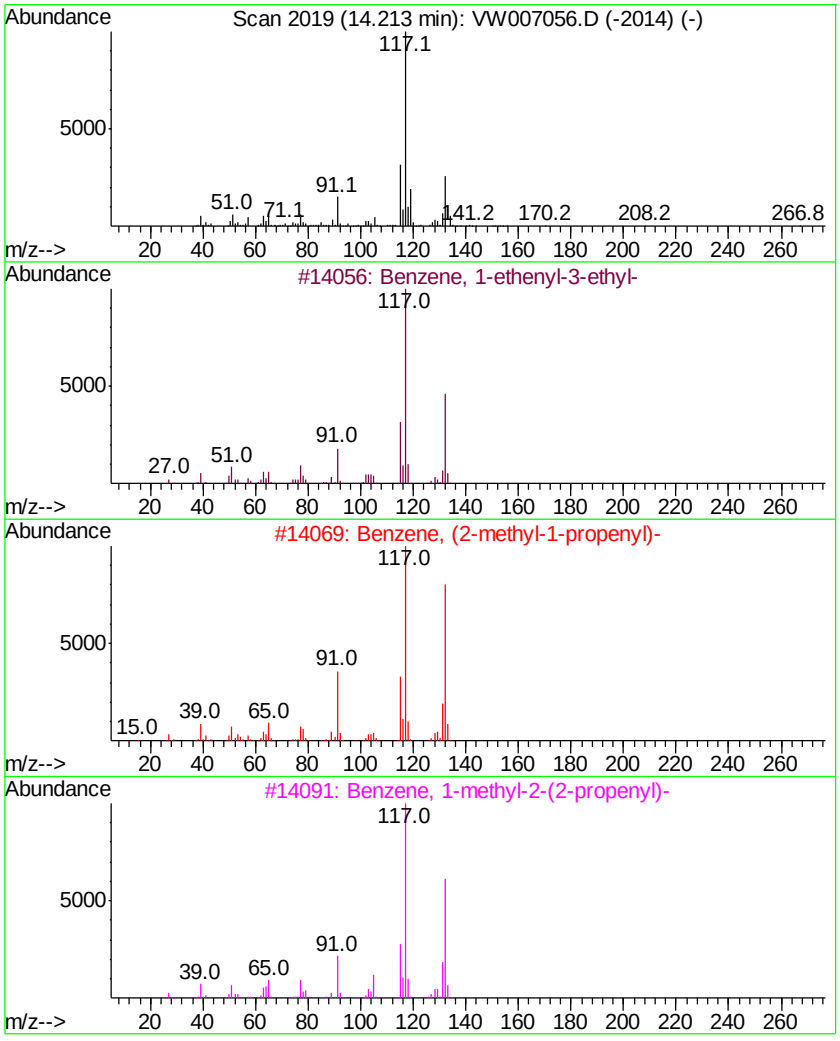
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

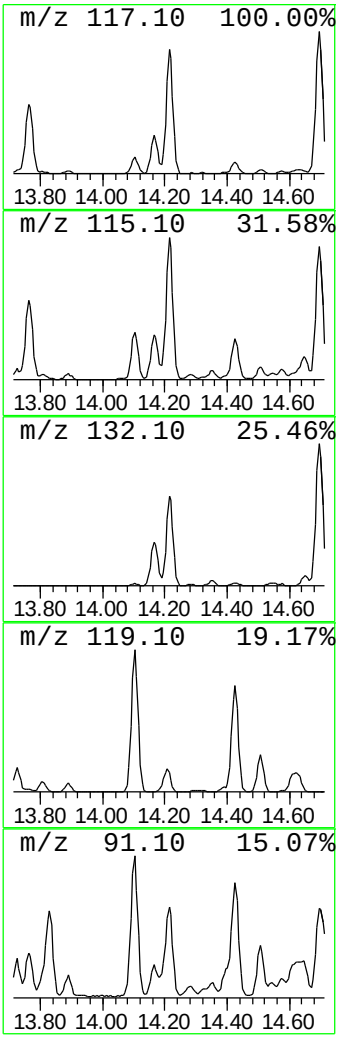
****

Peak Number 2 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	427.66 ug/l	1028360	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

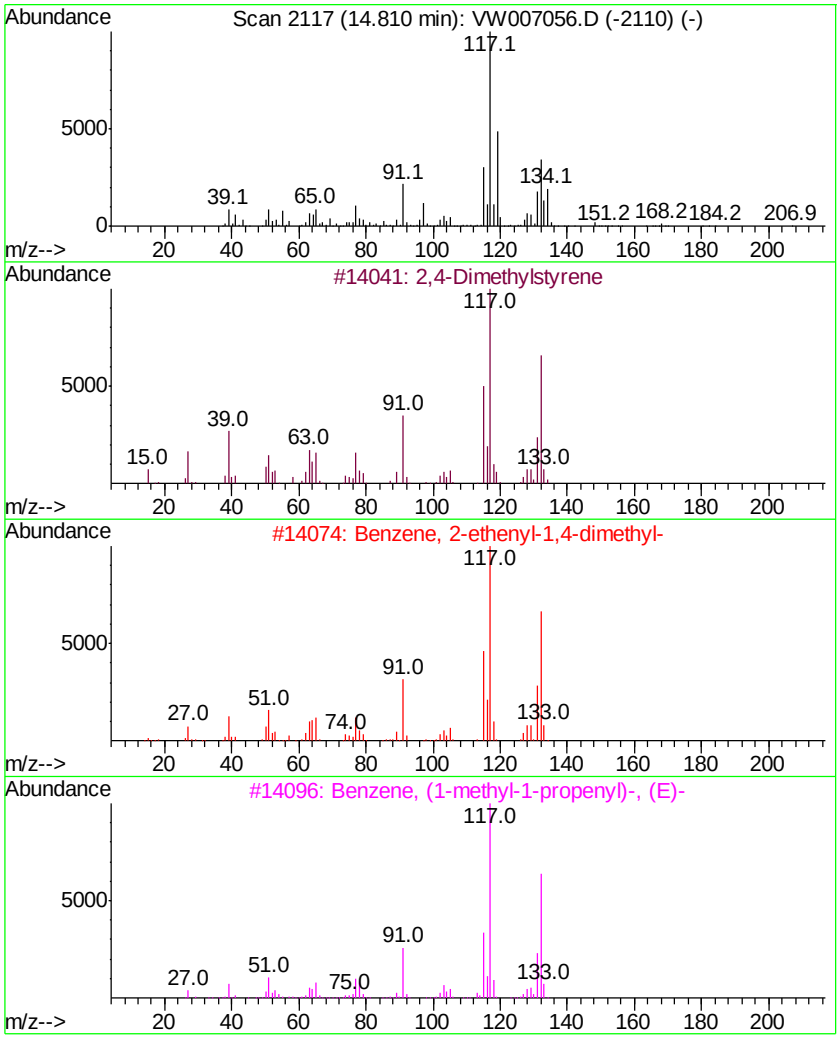
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

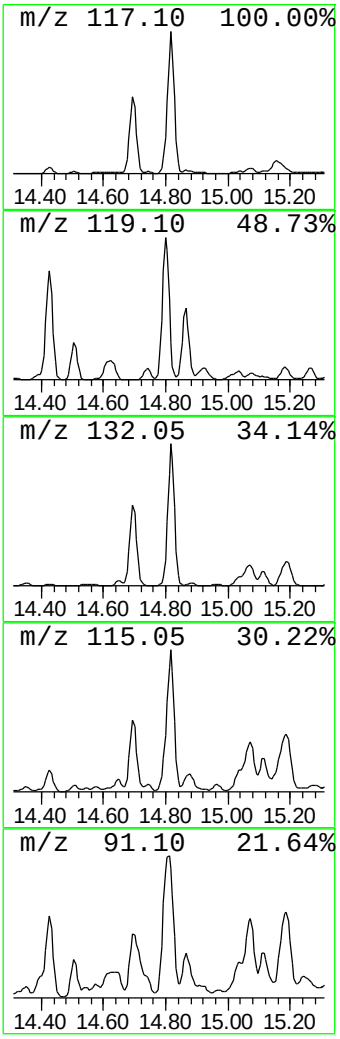
****

Peak Number 3 2,4-Dimethylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	1433.30 ug/l	3446570	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
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Operator : VAY/AP
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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

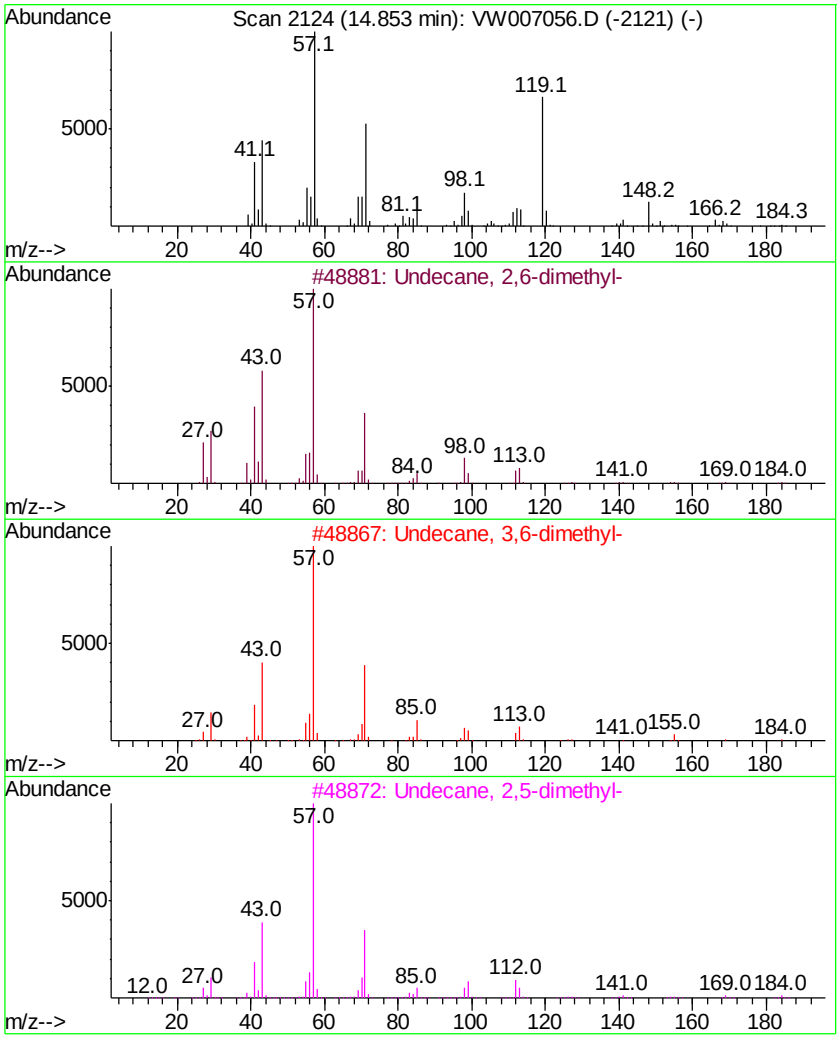
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

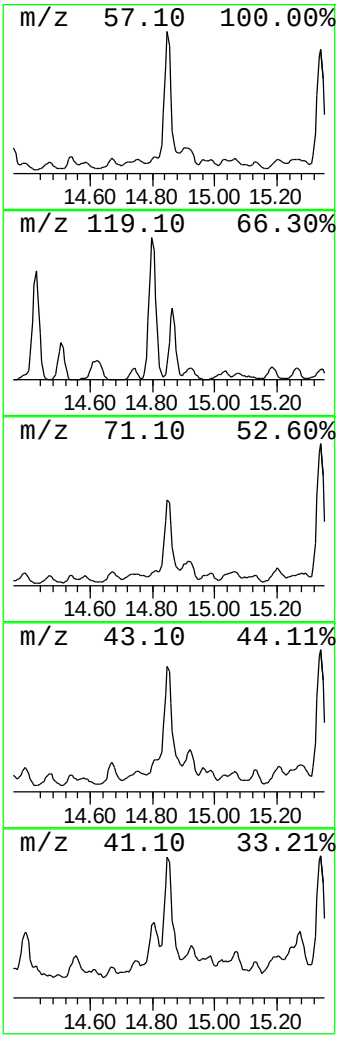
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	656.42 ug/l	1578450	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	45
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	42
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	41
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38





Library Search Compound Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

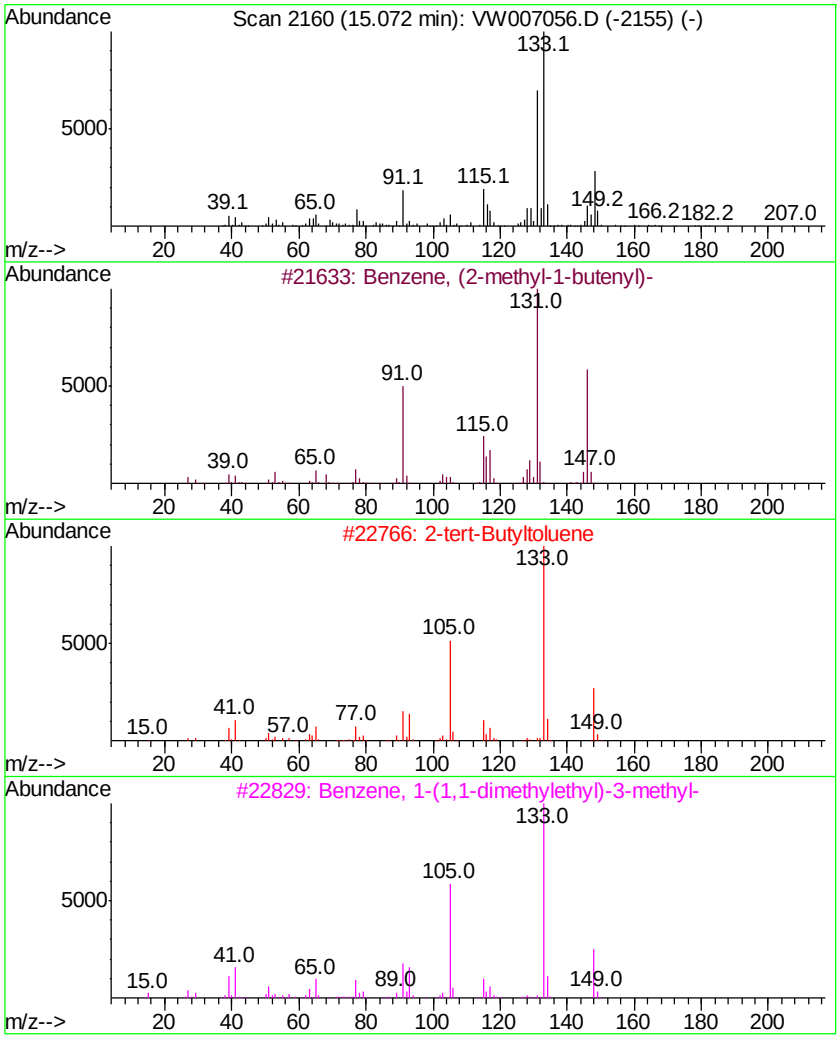
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

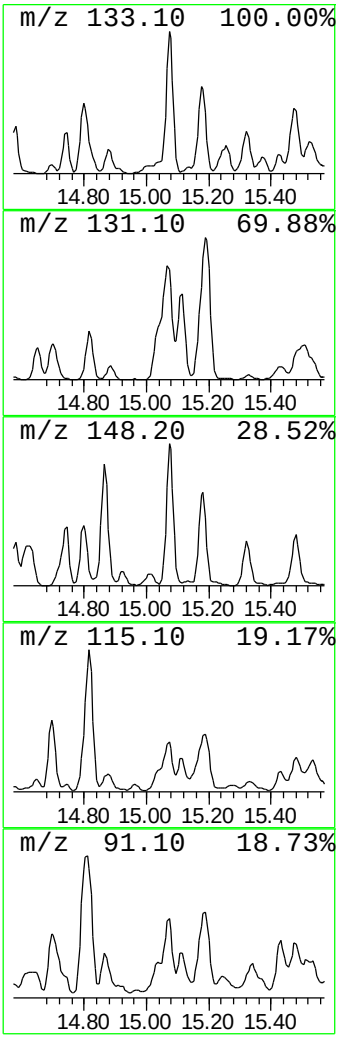
****

Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	583.00 ug/l	1401900	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
2	2-tert-Butyltoluene	148	C11H16	001074-92-6	49
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46





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Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

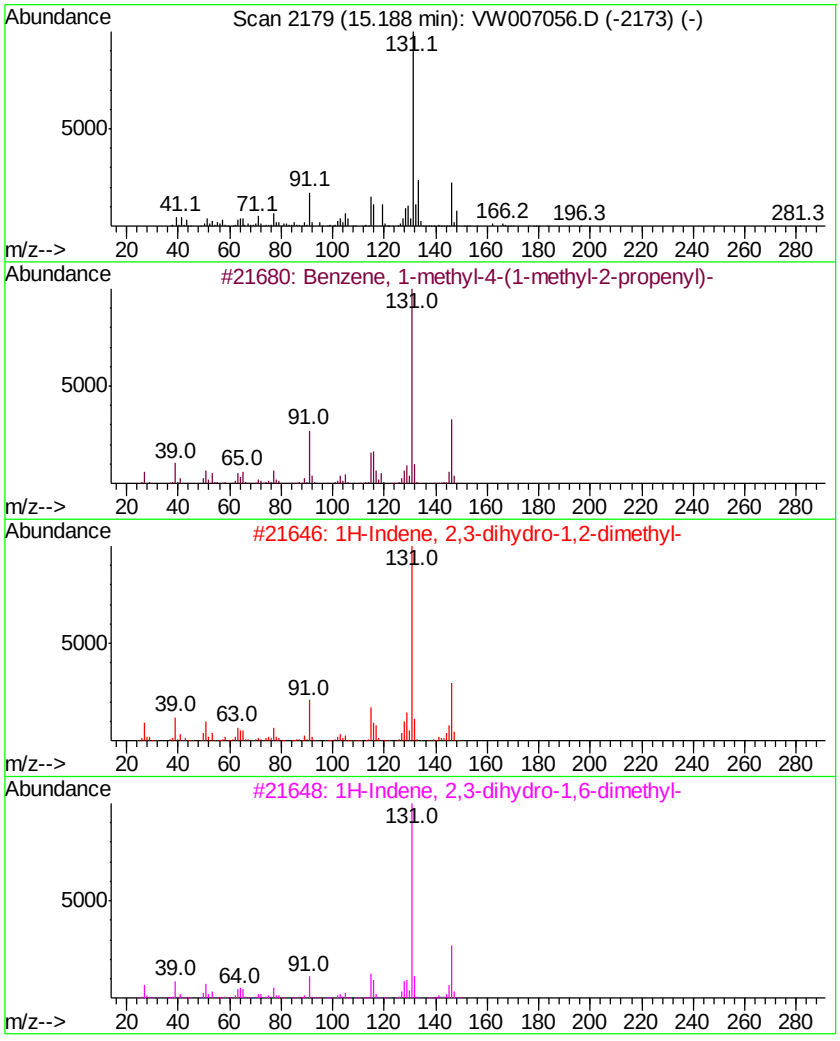
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

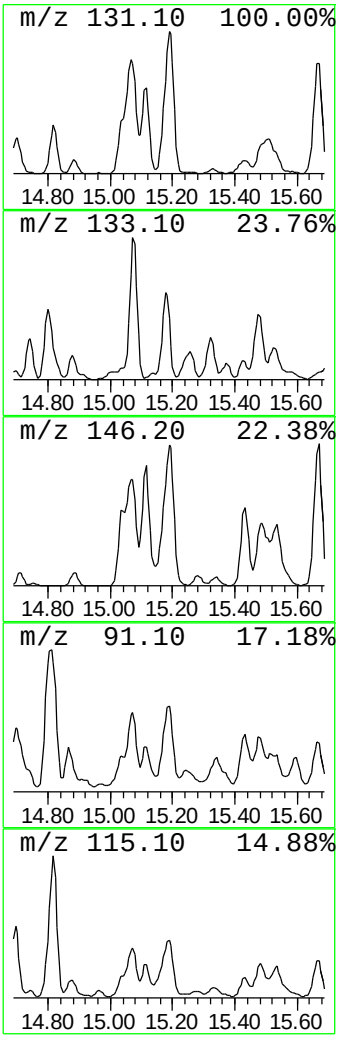
****

Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	614.76 ug/l	1478270	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

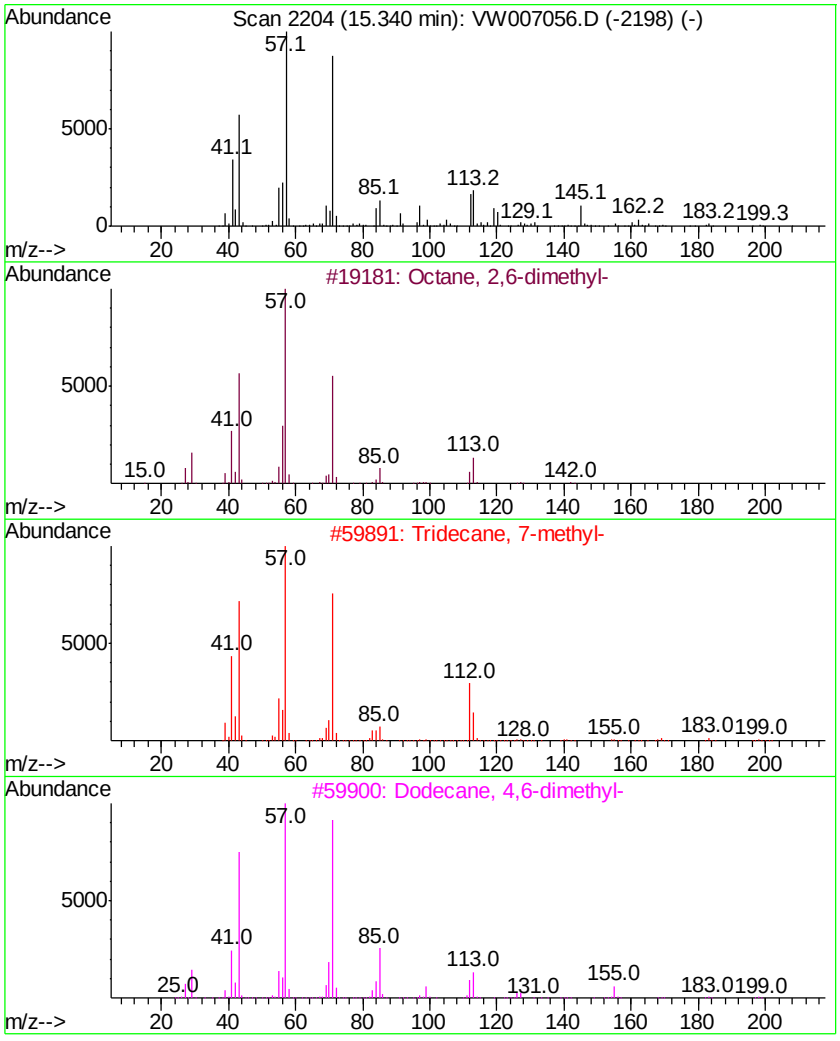
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

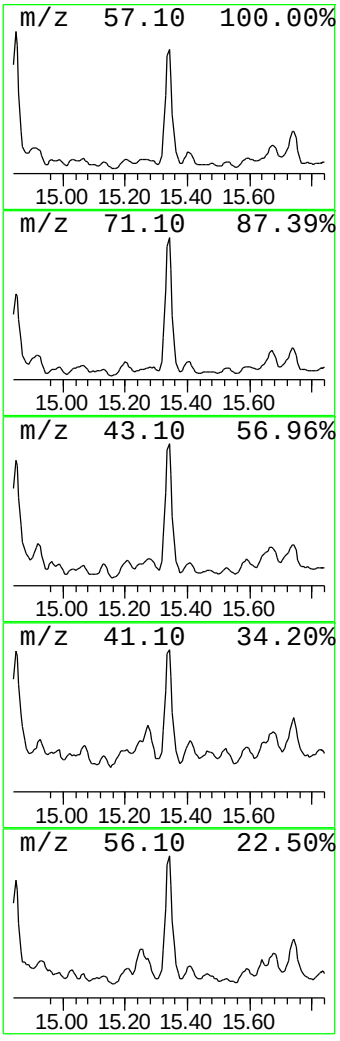
****

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	658.07 ug/l	1582420	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	62
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
4	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
5	Decane, 2-methyl-	156	C11H24	006975-98-0	59





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

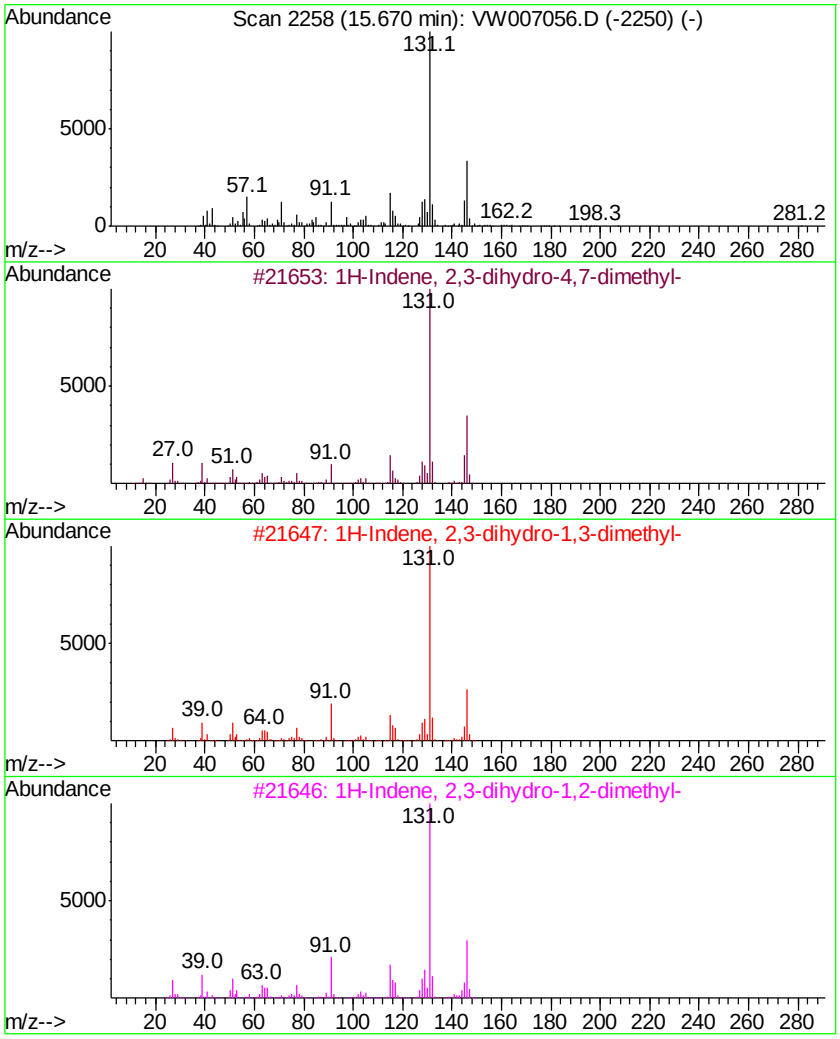
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

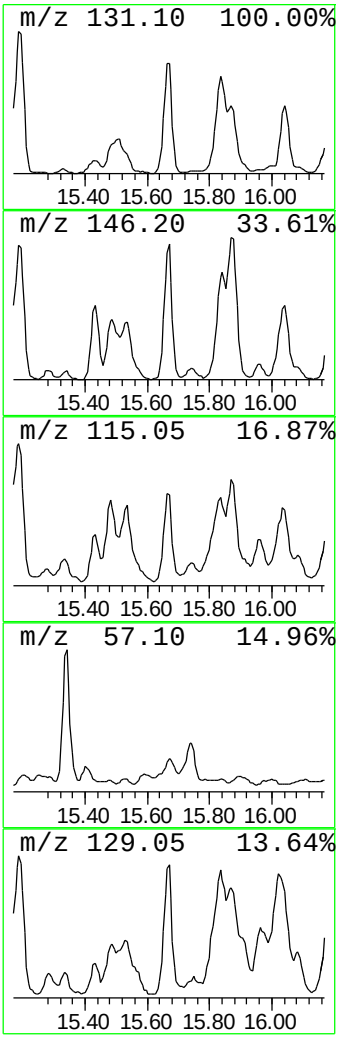
****

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	685.41 ug/l	1648160	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	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112618\
Data File : VW007056.D
Acq On : 26 Nov 2018 18:57
Operator : VAY/AP
Sample : J6003-03
Misc : 3.66G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : NON-UST-03R-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.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, 2-ethyl-...	14.10	430.4	ug/l	1034940	4	13.56	120232	50.0
Benzene, 1-etheny...	14.21	427.7	ug/l	1028360	4	13.56	120232	50.0
2,4-Dimethylstyrene	14.81	1433.3	ug/l	3446570	4	13.56	120232	50.0
Undecane, 2,6-dim...	14.85	656.4	ug/l	1578450	4	13.56	120232	50.0
Benzene, (2-methy...	15.07	583.0	ug/l	1401900	4	13.56	120232	50.0
Benzene, 1-methyl...	15.19	614.8	ug/l	1478270	4	13.56	120232	50.0
Octane, 2,6-dimet...	15.34	658.1	ug/l	1582420	4	13.56	120232	50.0
1H-Indene, 2,3-di...	15.67	685.4	ug/l	1648160	4	13.56	120232	50.0