LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
Data File : VD066722.D
Acq On : 16 Sep 2020 16:26
Operator : VA/SY
Sample : L4018-04
Misc : 6.43G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-229

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_D\METHOD\82D091520S.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	4.962	505	517	532	rBV4	73807	252901	10.55%	1.506%
2	5.185	553	555	566	rVB5	13956	27470	1.15%	0.164%
3	7.191	885	896	910	rBV	150004	429560	17.93%	2.558%
4	7.909	1008	1018	1024	rBV	339193	831546	34.70%	4.952%
5	7.979	1024	1030	1040	rVB	544822	1239735	51.73%	7.383%
6	8.326	1075	1089	1101	rBV2	311054	858767	35.84%	5.114%
7	8.861	1170	1180	1191	rBV	852405	1725943	72.02%	10.278%
8	10.338	1421	1431	1453	rVB	1322001	2396421	100.00%	14.271%
9	11.644	1645	1653	1665	rBV	1235790	2155460	89.94%	12.836%
10	11.849	1679	1688	1692	rBV4	18145	32395	1.35%	0.193%
11	12.485	1789	1796	1803	rBV	267535	477695	19.93%	2.845%
12	12.632	1814	1821	1830	rBV	994401	1630526	68.04%	9.710%
13	12.732	1834	1838	1844	rVB5	15119	26432	1.10%	0.157%
14	12.879	1859	1863	1868	rBV3	22766	42036	1.75%	0.250%
15	12.955	1871	1876	1884	rVV4	40800	83206	3.47%	0.495%
16	13.044	1884	1891	1897	rVB2	26495	51706	2.16%	0.308%
17	13.273	1924	1930	1934	rVB3	27027	46107	1.92%	0.275%
18	13.414	1948	1954	1958	rBV8	13062	25066	1.05%	0.149%
19	13.467	1958	1963	1964	rBV2	18909	24664	1.03%	0.147%
20	13.514	1969	1971	1975	rVV	21240	29610	1.24%	0.176%
21	13.579	1975	1982	1991	rVB	1196951	1995929	83.29%	11.886%
22	13.779	2005	2016	2027	rBV2	217776	449955	18.78%	2.679%
23	13.896	2032	2036	2041	rBV6	18716	31992	1.33%	0.191%
24	13.973	2042	2049	2053	rVB5	14357	27761	1.16%	0.165%
25	14.114	2068	2073	2079	rVB4	26544	45485	1.90%	0.271%
26	14.232	2087	2093	2104	rBV3	46198	88097	3.68%	0.525%
27	14.443	2121	2129	2132	rVV4	19633	47734	1.99%	0.284%
28	14.485	2132	2136	2140	rVV	35425	51853	2.16%	0.309%
29	14.526	2140	2143	2147	rVV5	19716	31436	1.31%	0.187%
30	14.714	2171	2175	2179	rBV3	59348	94744	3.95%	0.564%
31	14.755	2179	2182	2187	rVB4	24434	38864	1.62%	0.231%
32	14.838	2187	2196	2202	rBV3	140849	293267	12.24%	1.746%
33	14.890	2203	2205	2211	rVV7	16926	31538	1.32%	0.188%
34	14.985	2215	2221	2230	rVV5	46256	81293	3.39%	0.484%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-229

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_D\METHOD\82D091520S.M
Title : SW846 8260

35	15.096	2235	2240	2243	rBV5	22768	38649	1.61%	0.230%
36	15.214	2252	2260	2263	rBV7	20035	46573	1.94%	0.277%
37	15.243	2263	2265	2271	rVB4	23826	32975	1.38%	0.196%
38	15.514	2306	2311	2315	rVV6	25612	50416	2.10%	0.300%
39	15.561	2315	2319	2324	rVB6	18041	37040	1.55%	0.221%
40	15.702	2337	2343	2350	rBV3	41168	86551	3.61%	0.515%
41	15.879	2363	2373	2376	rBV7	21942	60970	2.54%	0.363%
42	16.079	2402	2407	2416	rVB7	16221	39436	1.65%	0.235%
43	16.432	2459	2467	2473	rBV10	19253	47864	2.00%	0.285%
44	16.508	2473	2480	2497	rVB6	40338	147625	6.16%	0.879%
45	16.708	2505	2514	2525	rBV	211773	507509	21.18%	3.022%

Sum of corrected areas: 16792802

LSC Report - Integrated Chromatogram

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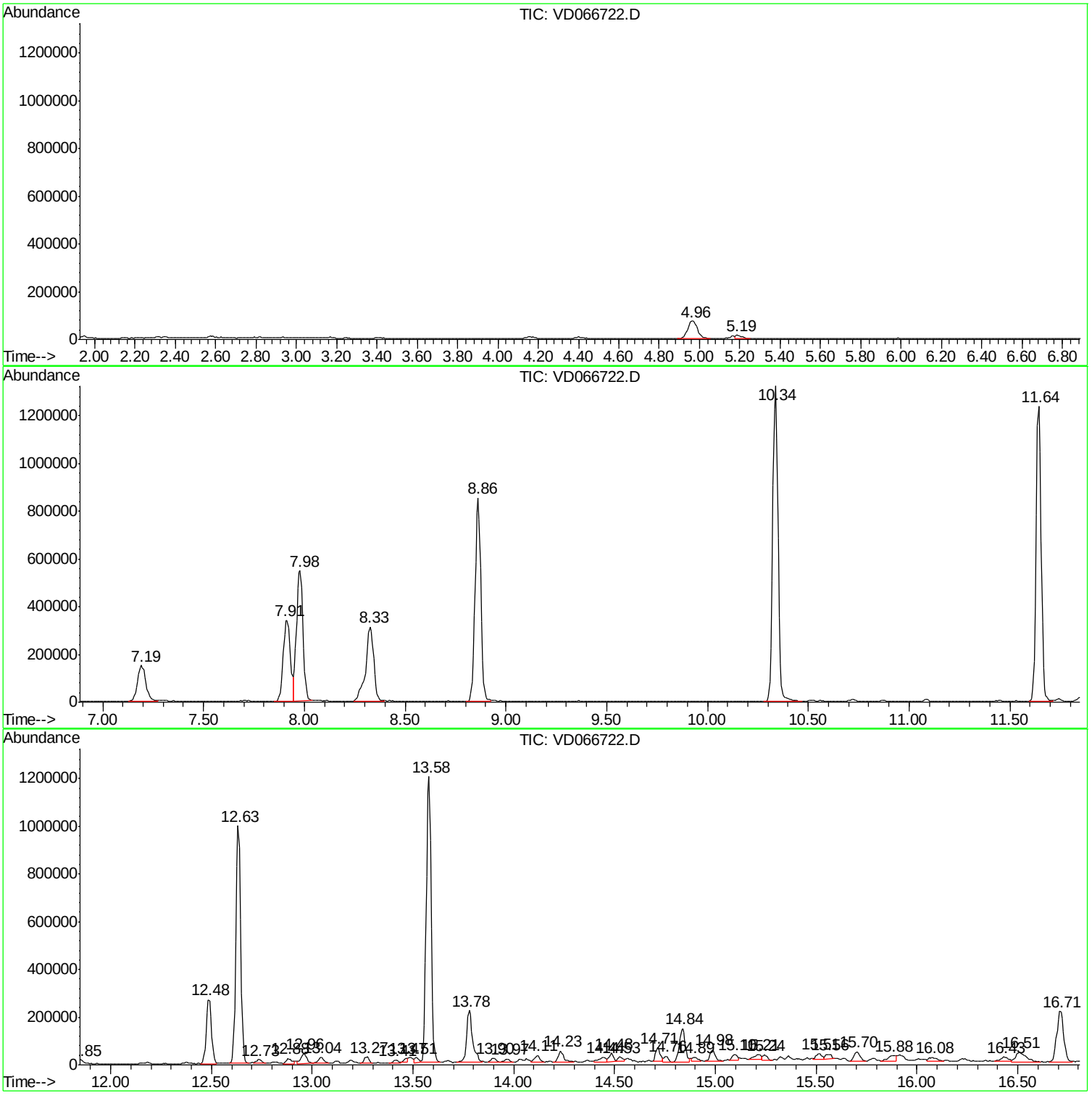
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-229

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.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 D\DATA\VD091620\
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Acq On : 16 Sep 2020 16:26
Operator : VA/SY
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Misc : 6.43G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-229

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

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

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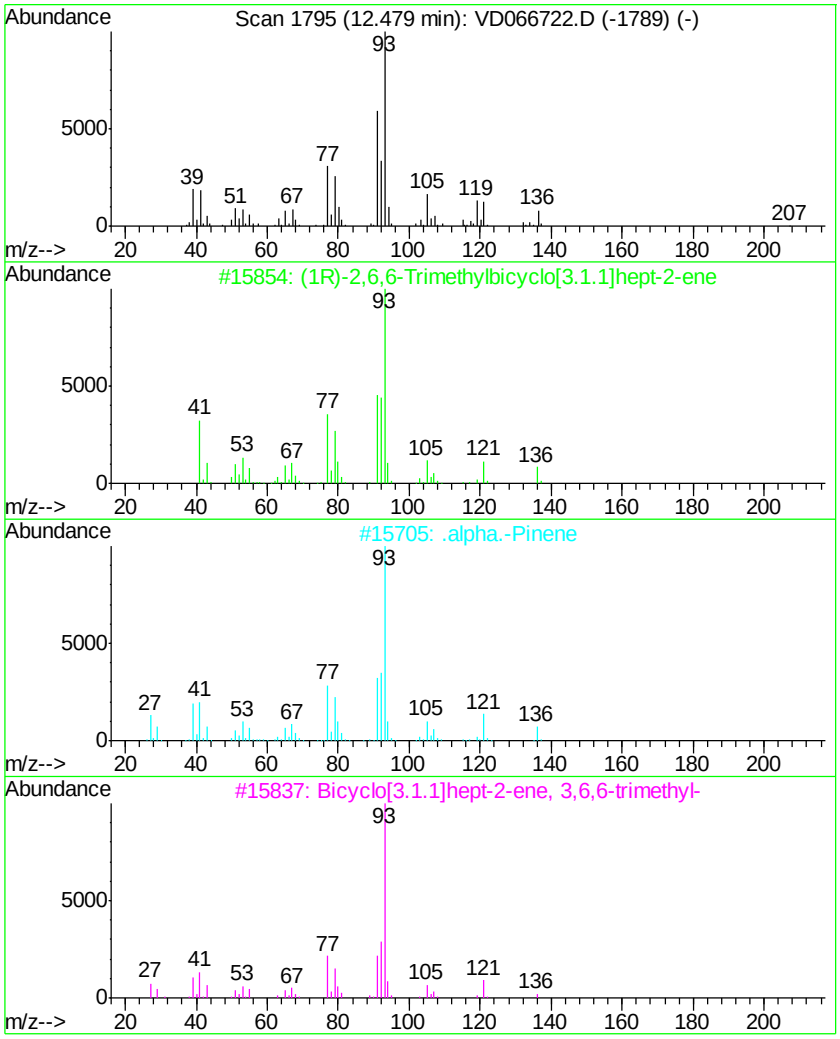
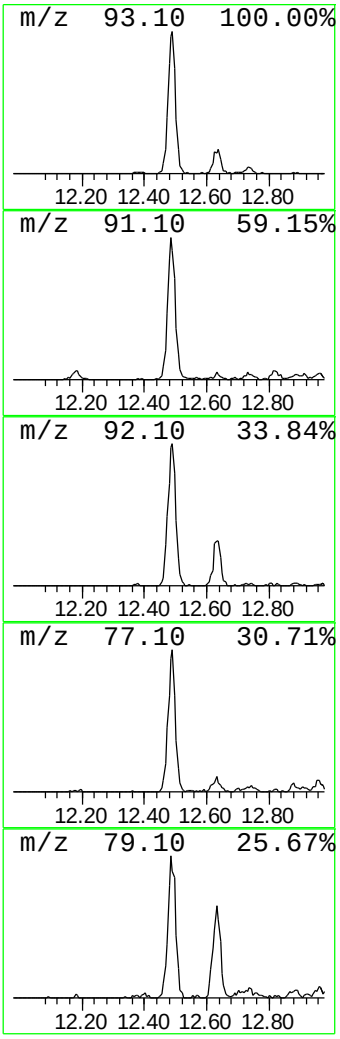
Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	11.08 ug/l	477695	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87





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Instrument : MSVOA_D
ClientSampleId : VNJ-229

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

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

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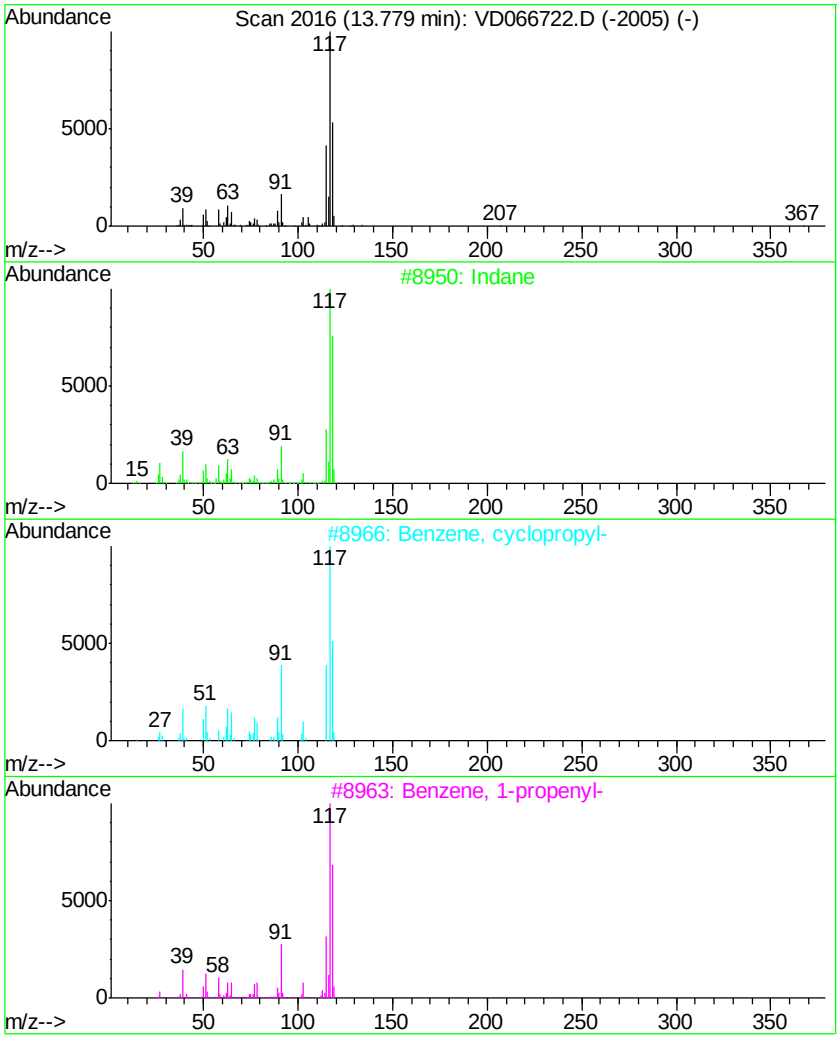
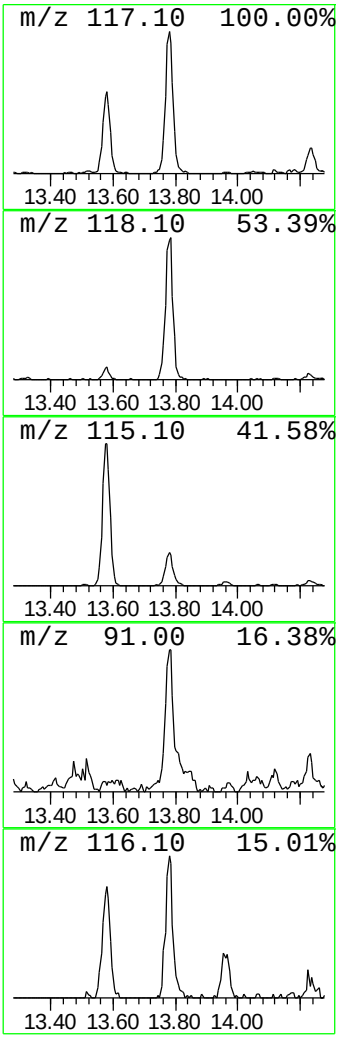
Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	11.27 ug/l	449955	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	89
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4	Deltacyclene	118	C9H10	007785-10-6	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70





Library Search Compound Report

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Misc : 6.43G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-229

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

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

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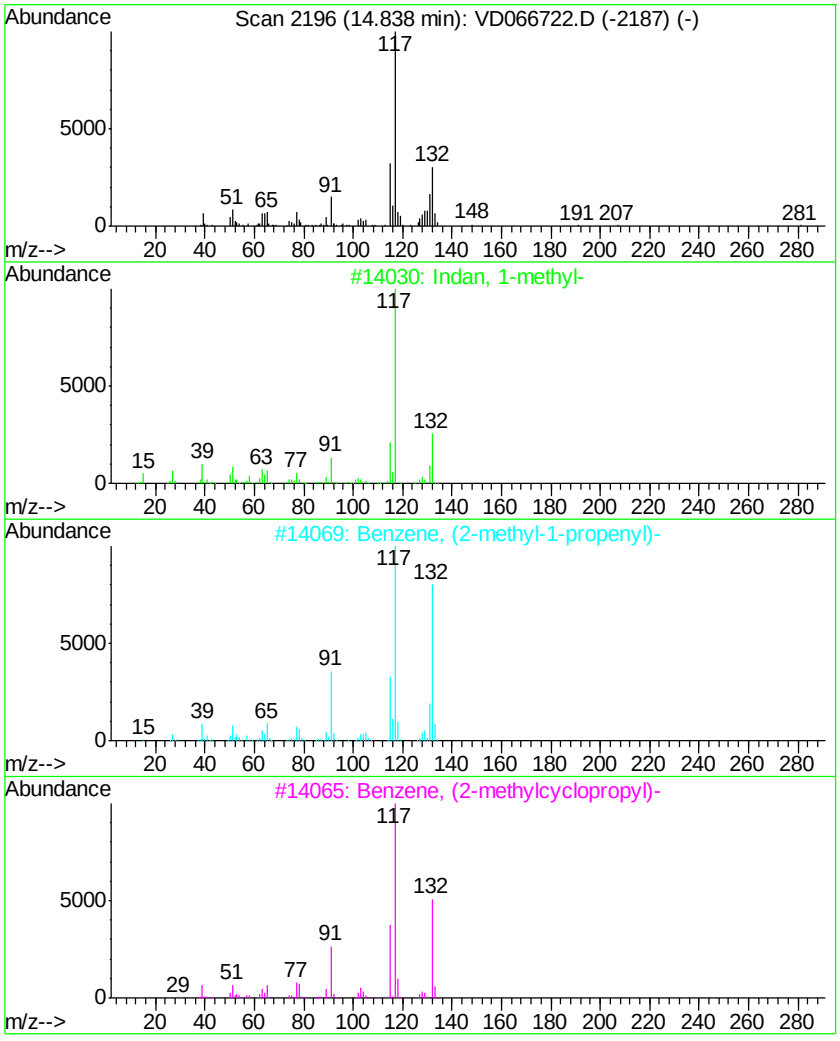
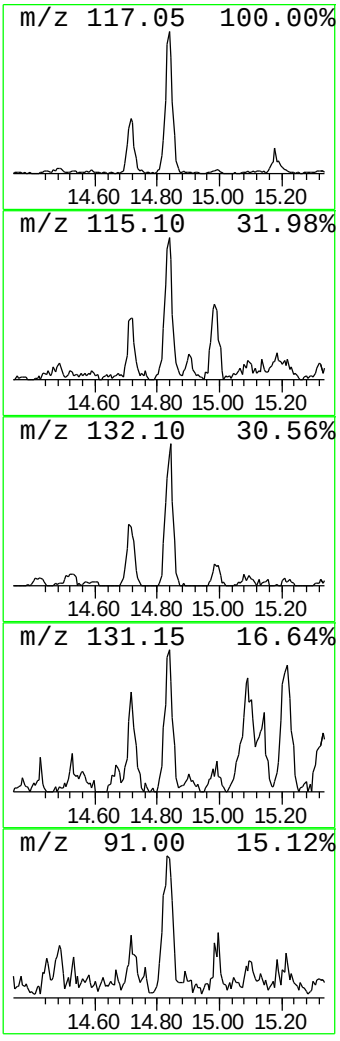
Peak Number 4 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.35 ug/l	293267	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	83
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-229

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260

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

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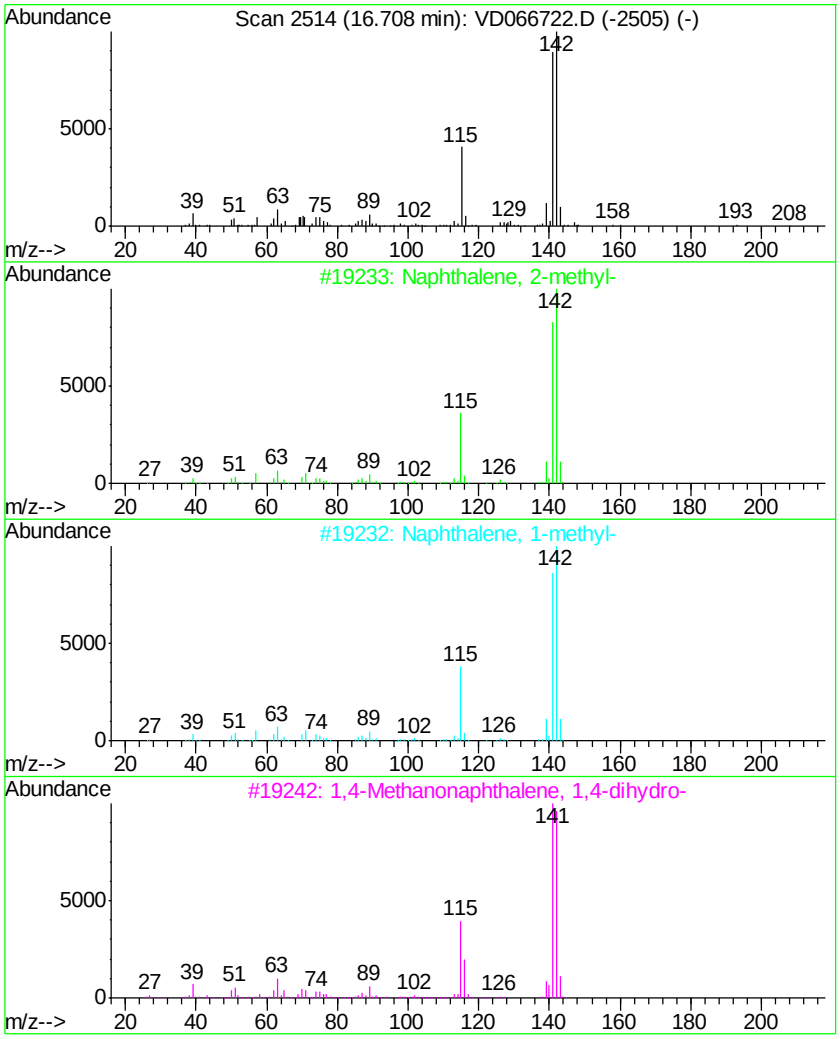
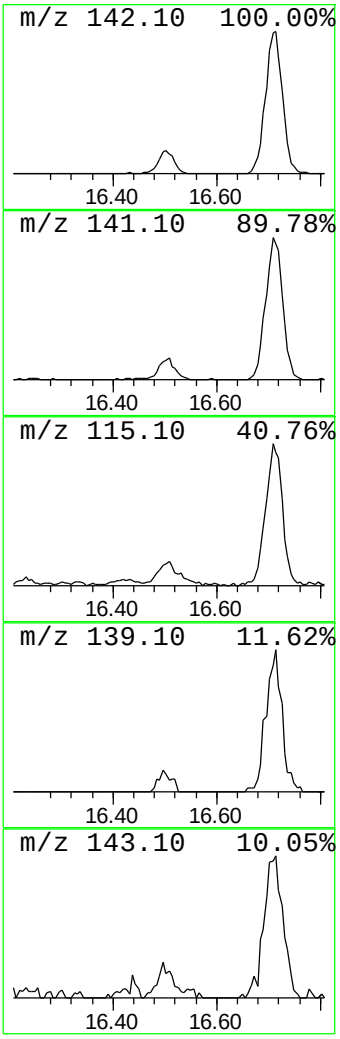
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	12.71 ug/l	507509	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.48	11.1	ug/l	477695	3	11.64	2155460	50.0
Indane	13.78	11.3	ug/l	449955	4	13.58	1995930	50.0
Indan, 1-methyl-	14.84	7.3	ug/l	293267	4	13.58	1995930	50.0
Naphthalene, 1-me...	16.71	12.7	ug/l	507509	4	13.58	1995930	50.0