LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014003.D
Acq On : 13 Nov 2019 13:40
Operator : SY/VA
Sample : K5670-05
Misc : 6.87G/5.0ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OK-03-111219

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\82W102319S.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	2.154	35	41	61	rBV	29293	79867	6.43%	1.024%
2	2.642	114	121	126	rBV7	6361	16347	1.32%	0.210%
3	4.117	351	363	377	rBV	40779	111362	8.97%	1.428%
4	4.916	484	494	504	rBV4	6225	21153	1.70%	0.271%
5	7.135	848	858	870	rBV2	8227	25895	2.09%	0.332%
6	7.537	916	924	933	rBV4	5392	15066	1.21%	0.193%
7	7.878	965	980	985	rBV2	172203	406868	32.76%	5.216%
8	7.946	985	991	1003	rVB	327145	730547	58.82%	9.366%
9	8.305	1040	1050	1061	rBV	157011	350228	28.20%	4.490%
10	8.842	1129	1138	1149	rBV	474724	946905	76.24%	12.140%
11	10.323	1373	1381	1387	rBV	711437	1241963	100.00%	15.923%
12	10.384	1387	1391	1398	rVB	51625	92226	7.43%	1.182%
13	10.701	1436	1443	1450	rVB	14938	27315	2.20%	0.350%
14	11.628	1587	1595	1605	rBV	586323	982392	79.10%	12.595%
15	11.835	1623	1629	1639	rVV	21705	41946	3.38%	0.538%
16	12.164	1673	1683	1689	rBV2	11935	22861	1.84%	0.293%
17	12.469	1727	1733	1739	rBV4	7655	14471	1.17%	0.186%
18	12.615	1749	1757	1767	rVB2	434670	727535	58.58%	9.327%
19	12.865	1792	1798	1801	rBV	13618	21581	1.74%	0.277%
20	12.932	1805	1809	1816	rVB5	16208	32409	2.61%	0.416%
21	13.097	1829	1836	1841	rBV2	7361	13572	1.09%	0.174%
22	13.249	1854	1861	1867	rBV	26956	45550	3.67%	0.584%
23	13.506	1897	1903	1906	rVV5	12406	22589	1.82%	0.290%
24	13.554	1906	1911	1921	rVV	444178	744425	59.94%	9.544%
25	13.749	1939	1943	1946	rBV3	15329	22010	1.77%	0.282%
26	13.792	1946	1950	1959	rVB4	13743	33249	2.68%	0.426%
27	13.871	1959	1963	1966	rBV3	20098	31563	2.54%	0.405%
28	14.012	1982	1986	1988	rVV	10081	16261	1.31%	0.208%
29	14.072	1992	1996	2004	rVB3	27360	65666	5.29%	0.842%
30	14.201	2013	2017	2023	rBV2	18468	29128	2.35%	0.373%
31	14.329	2034	2038	2043	rBV5	8996	17899	1.44%	0.229%
32	14.457	2056	2059	2063	rVB2	13683	17725	1.43%	0.227%
33	14.499	2063	2066	2068	rBV3	8821	12422	1.00%	0.159%
34	14.639	2080	2089	2093	rBV6	10063	20653	1.66%	0.265%

LSC Area Percent Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OK-03-111219

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Title : SW846 8260

35	14.688	2093	2097	2099	rVV3	19818	30467	2.45%	0.391%
36	14.725	2099	2103	2109	rVB4	34008	57096	4.60%	0.732%
37	14.804	2109	2116	2121	rBV4	38095	87946	7.08%	1.128%
38	14.853	2121	2124	2132	rVB5	9286	19796	1.59%	0.254%
39	14.963	2137	2142	2148	rVB3	22183	37678	3.03%	0.483%
40	15.066	2149	2159	2162	rBV4	19274	44788	3.61%	0.574%
41	15.176	2171	2177	2185	rVB4	18756	43125	3.47%	0.553%
42	15.420	2212	2217	2222	rBV7	20196	41302	3.33%	0.530%
43	15.475	2222	2226	2228	rBV4	9175	14723	1.19%	0.189%
44	15.554	2236	2239	2249	rVB7	17194	31413	2.53%	0.403%
45	15.658	2249	2256	2261	rBV5	15867	33804	2.72%	0.433%
46	15.816	2276	2282	2285	rBV7	9935	22075	1.78%	0.283%
47	15.865	2285	2290	2299	rVB2	41620	81787	6.59%	1.049%
48	16.036	2312	2318	2331	rVB6	13369	44340	3.57%	0.568%
49	16.176	2332	2341	2353	rBV3	23814	65564	5.28%	0.841%
50	16.377	2365	2374	2380	rBV4	24620	57837	4.66%	0.742%
51	16.444	2380	2385	2398	rVB7	17628	48542	3.91%	0.622%
52	16.645	2410	2418	2425	rBV8	11689	36018	2.90%	0.462%

Sum of corrected areas: 7799950

LSC Report - Integrated Chromatogram

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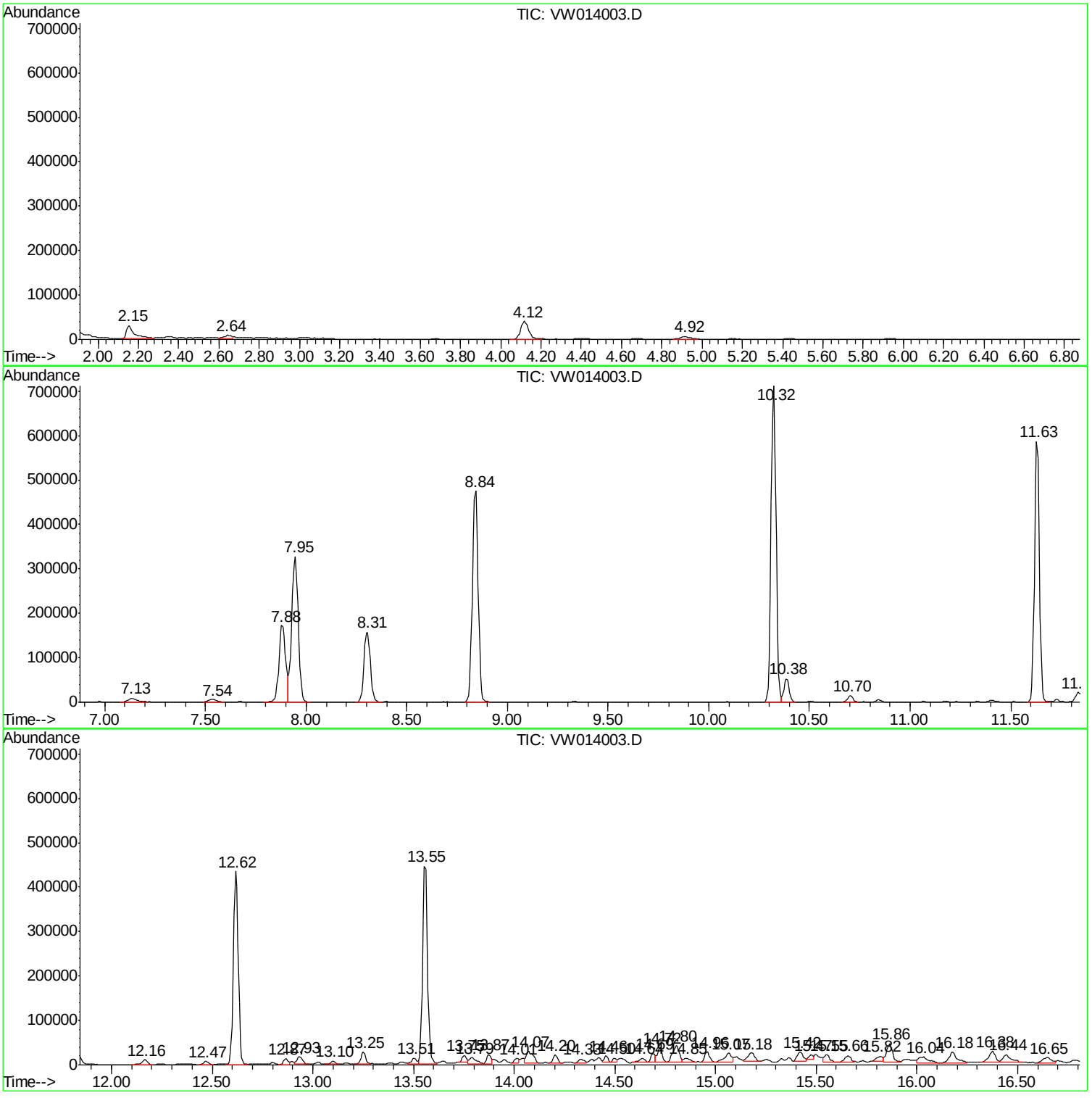
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-03-111219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VW014003.D
Acq On : 13 Nov 2019 13:40
Operator : SY/VA
Sample : K5670-05
Misc : 6.87G/5.0ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OK-03-111219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

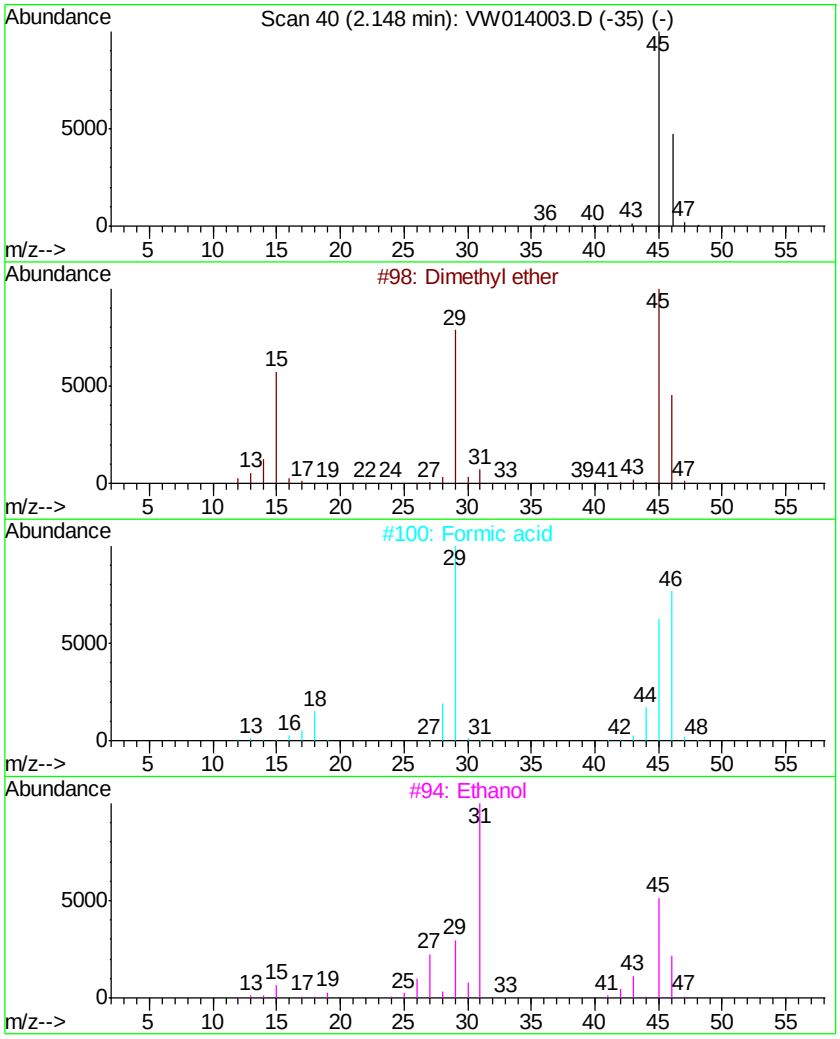
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

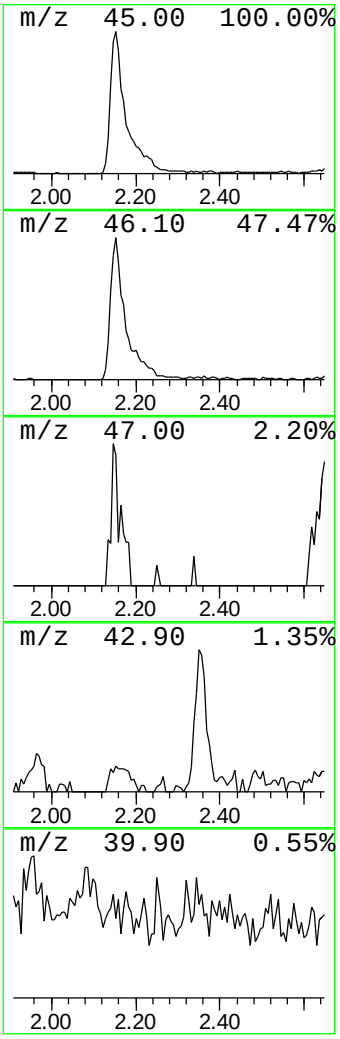
****

Peak Number 1 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	5.47 ug/l	79867	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Hydrazine, methyl-	46	CH6N2	000060-34-4	7
5	Ethene, fluoro-	46	C2H3F	000075-02-5	4





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Instrument : MSVOA_W
ClientSampleId : OK-03-111219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

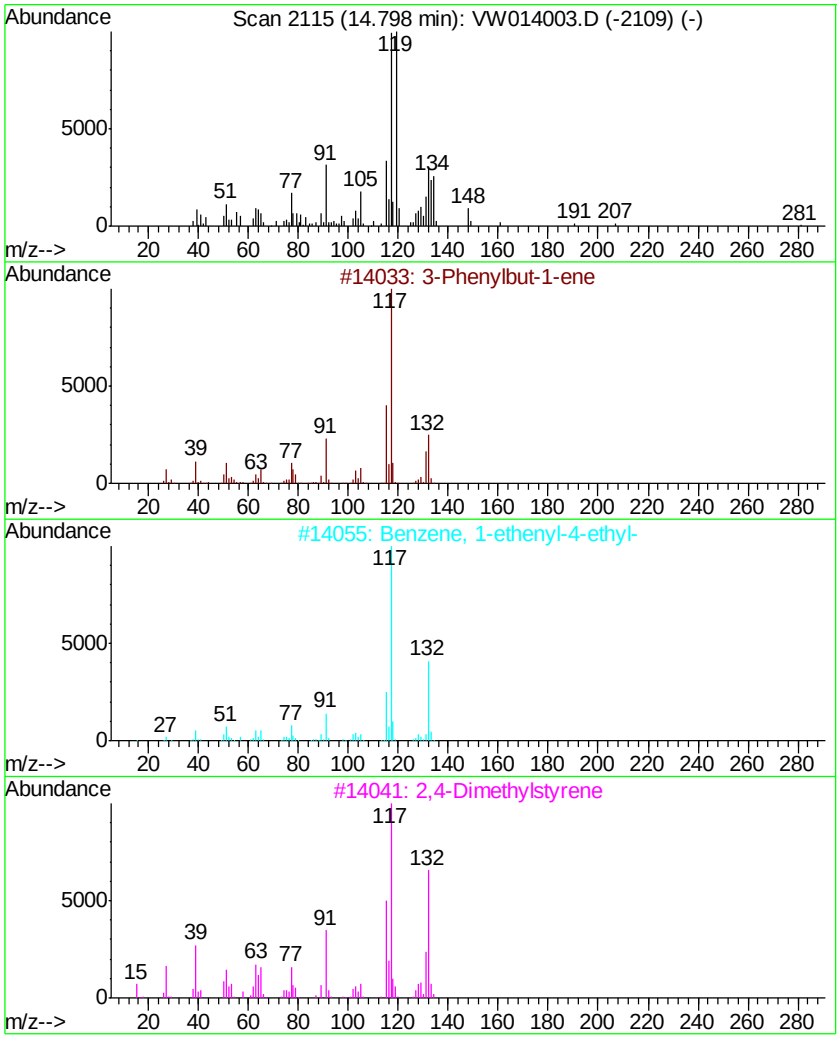
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

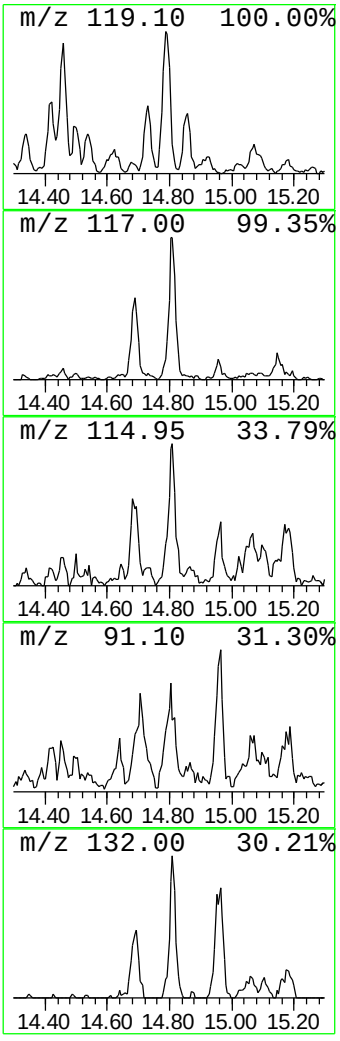
****

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.91 ug/l	87946	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





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Instrument : MSVOA_W
ClientSampleId : OK-03-111219

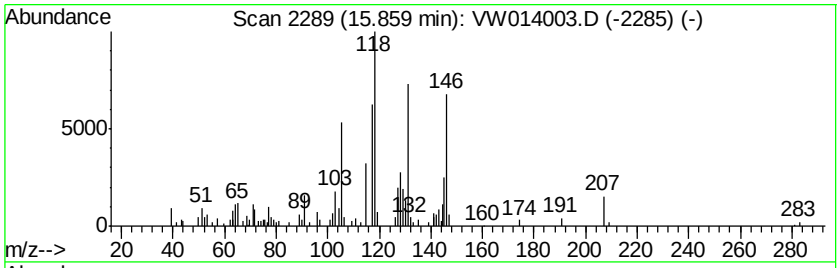
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

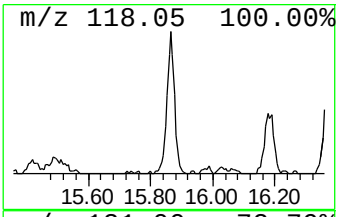
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

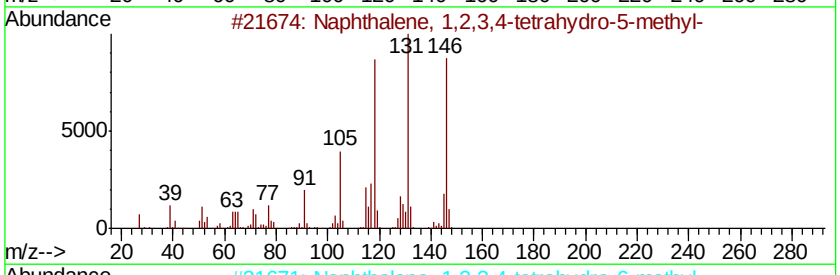
****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

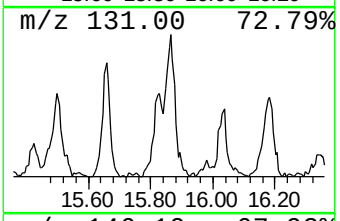
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.49 ug/l	81787	1,4-Dichlorobenzene-d4	13.55

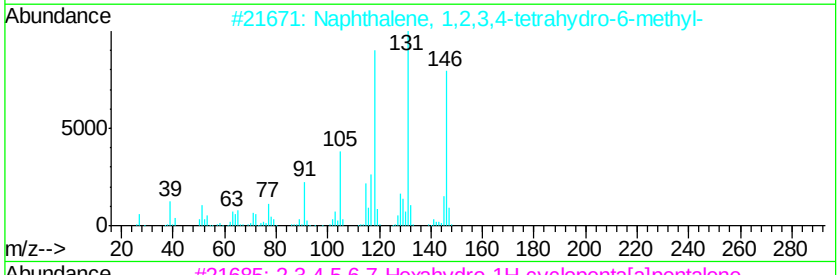
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49
4	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	43
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	42

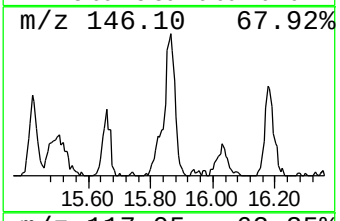


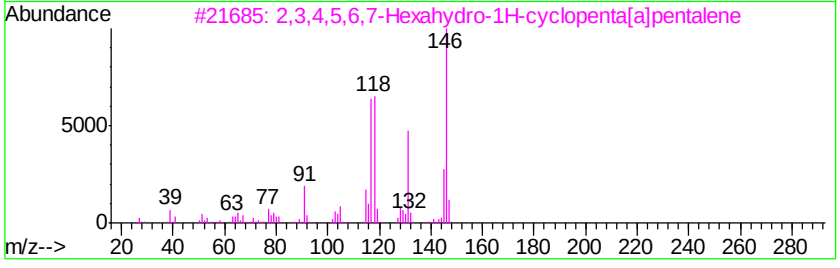


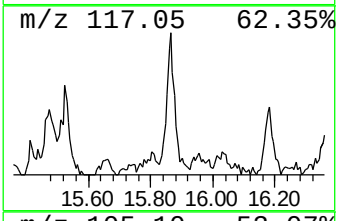


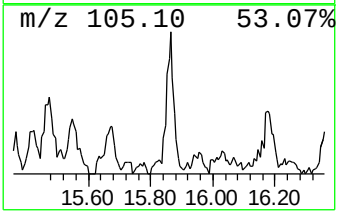












Tentatively Identified Compound (LSC) summary

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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
Dimethyl ether	2.15	5.5	ug/l	79867	1	7.95	730547	50.0
3-Phenylbut-1-ene	14.80	5.9	ug/l	87946	4	13.55	744425	50.0
Naphthalene, 1,2,...	15.86	5.5	ug/l	81787	4	13.55	744425	50.0