LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019652.D
Acq On : 20 Sep 2024 17:43
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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_Y\methods\82Y090924S.M
Title : SW846 8260

Signal : TIC: VY019652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.604	462	473	491	rBV6	29197	125999	5.29%	0.542%
2	5.640	630	643	654	rBV4	18878	59082	2.48%	0.254%
3	6.878	835	846	862	rBV	89927	303369	12.74%	1.304%
4	7.628	959	969	975	rBV	327062	800035	33.58%	3.439%
5	7.701	975	981	990	rVV	551476	1268425	53.25%	5.453%
6	7.780	992	994	1004	rVB4	13042	25500	1.07%	0.110%
7	7.920	1008	1017	1022	rBV4	12977	32290	1.36%	0.139%
8	8.054	1025	1039	1052	rBV2	322523	876215	36.78%	3.767%
9	8.243	1054	1070	1080	rVV2	20326	65160	2.74%	0.280%
10	8.469	1098	1107	1113	rBV4	11736	26755	1.12%	0.115%
11	8.609	1121	1130	1143	rBV	907377	1779925	74.72%	7.652%
12	9.103	1207	1211	1217	rVB8	12518	25711	1.08%	0.111%
13	9.536	1277	1282	1293	rBV2	15369	36058	1.51%	0.155%
14	9.670	1296	1304	1312	rBV3	21185	52483	2.20%	0.226%
15	9.743	1312	1316	1319	rBV4	15287	24863	1.04%	0.107%
16	9.889	1335	1340	1345	rVB5	14034	25987	1.09%	0.112%
17	10.103	1368	1375	1383	rVV	1403046	2382150	100.00%	10.241%
18	10.170	1383	1386	1391	rVB	24043	39115	1.64%	0.168%
19	10.298	1403	1407	1413	rVB3	17672	29963	1.26%	0.129%
20	10.505	1435	1441	1448	rBV	149816	281483	11.82%	1.210%
21	10.877	1497	1502	1510	rBV2	56905	109492	4.60%	0.471%
22	11.145	1540	1546	1547	rBV6	15067	28004	1.18%	0.120%
23	11.249	1559	1563	1568	rVB4	37097	56190	2.36%	0.242%
24	11.413	1584	1590	1601	rVB	1334704	2128543	89.35%	9.150%
25	11.517	1602	1607	1612	rVV	81332	123622	5.19%	0.531%
26	11.621	1618	1624	1634	rVB	327647	634832	26.65%	2.729%
27	11.956	1674	1679	1683	rBV2	151591	264900	11.12%	1.139%
28	12.249	1725	1727	1733	rVB3	30631	44704	1.88%	0.192%
29	12.401	1746	1752	1762	rVB2	995133	1719788	72.19%	7.393%
30	12.590	1769	1783	1790	rBV2	328960	1211586	50.86%	5.208%
31	12.657	1790	1794	1797	rVB	161088	223147	9.37%	0.959%
32	12.688	1797	1799	1802	rVB	61603	63833	2.68%	0.274%
33	12.736	1802	1807	1811	rBV2	164379	319613	13.42%	1.374%
34	12.889	1828	1832	1838	rVB	69375	108965	4.57%	0.468%
35	12.962	1840	1844	1849	rBV8	17620	32623	1.37%	0.140%
36	13.041	1851	1857	1863	rBV	401065	600880	25.22%	2.583%

LSC Area Percent Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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_Y\methods\82Y090924S.M
Title : SW846 8260

37	13.285	1894	1897	1901	rBV6	24277	50074	2.10%	0.215%
38	13.346	1901	1907	1925	rVB2	1149747	2302894	96.67%	9.900%
39	13.511	1930	1934	1936	rBV2	52372	74873	3.14%	0.322%
40	13.541	1936	1939	1943	rVB	126060	171303	7.19%	0.736%
41	13.584	1943	1946	1955	rVB3	106205	221852	9.31%	0.954%
42	13.669	1956	1960	1965	rBV	92805	147918	6.21%	0.636%
43	13.748	1969	1973	1975	rBV2	23010	35633	1.50%	0.153%
44	13.803	1978	1982	1985	rBV3	43593	70510	2.96%	0.303%
45	13.889	1991	1996	2001	rVB2	205475	309522	12.99%	1.331%
46	13.937	2002	2004	2009	rVB3	23444	37491	1.57%	0.161%
47	13.992	2009	2013	2018	rVB	68463	106175	4.46%	0.456%
48	14.065	2021	2025	2030	rBV7	17038	30657	1.29%	0.132%
49	14.212	2046	2049	2052	rVV	43226	54105	2.27%	0.233%
50	14.248	2053	2055	2060	rVB	72818	88237	3.70%	0.379%
51	14.297	2060	2063	2066	rBV3	49529	74765	3.14%	0.321%
52	14.334	2066	2069	2077	rVB6	45612	78834	3.31%	0.339%
53	14.431	2083	2085	2089	rBV5	16217	25714	1.08%	0.111%
54	14.480	2089	2093	2097	rVV	89592	157993	6.63%	0.679%
55	14.529	2097	2101	2106	rVB	153563	218062	9.15%	0.937%
56	14.596	2106	2112	2117	rBV3	162603	334942	14.06%	1.440%
57	14.651	2117	2121	2130	rVB4	94132	191006	8.02%	0.821%
58	14.858	2146	2155	2158	rBV3	75186	156111	6.55%	0.671%
59	14.962	2167	2172	2177	rBV4	55270	98387	4.13%	0.423%
60	15.047	2183	2186	2193	rVB4	37143	59720	2.51%	0.257%
61	15.138	2194	2201	2206	rVB2	130689	267645	11.24%	1.151%
62	15.193	2206	2210	2211	rBV2	34246	39896	1.67%	0.172%
63	15.340	2230	2234	2242	rVB	116646	186432	7.83%	0.801%
64	15.425	2242	2248	2255	rBV3	50039	123924	5.20%	0.533%
65	15.504	2256	2261	2266	rVB6	35634	67902	2.85%	0.292%
66	15.620	2277	2280	2285	rVB2	53212	84762	3.56%	0.364%
67	15.779	2301	2306	2315	rVB6	31765	68552	2.88%	0.295%
68	15.919	2323	2329	2334	rBV6	50686	101410	4.26%	0.436%
69	16.041	2345	2349	2354	rBV3	38490	68272	2.87%	0.293%
70	16.108	2356	2360	2365	rVV3	42047	86012	3.61%	0.370%
71	16.175	2365	2371	2377	rVV	290449	566876	23.80%	2.437%
72	16.242	2378	2382	2387	rVB2	39453	73208	3.07%	0.315%
73	16.364	2395	2402	2416	rVB	216480	498859	20.94%	2.145%

Sum of corrected areas: 23261818

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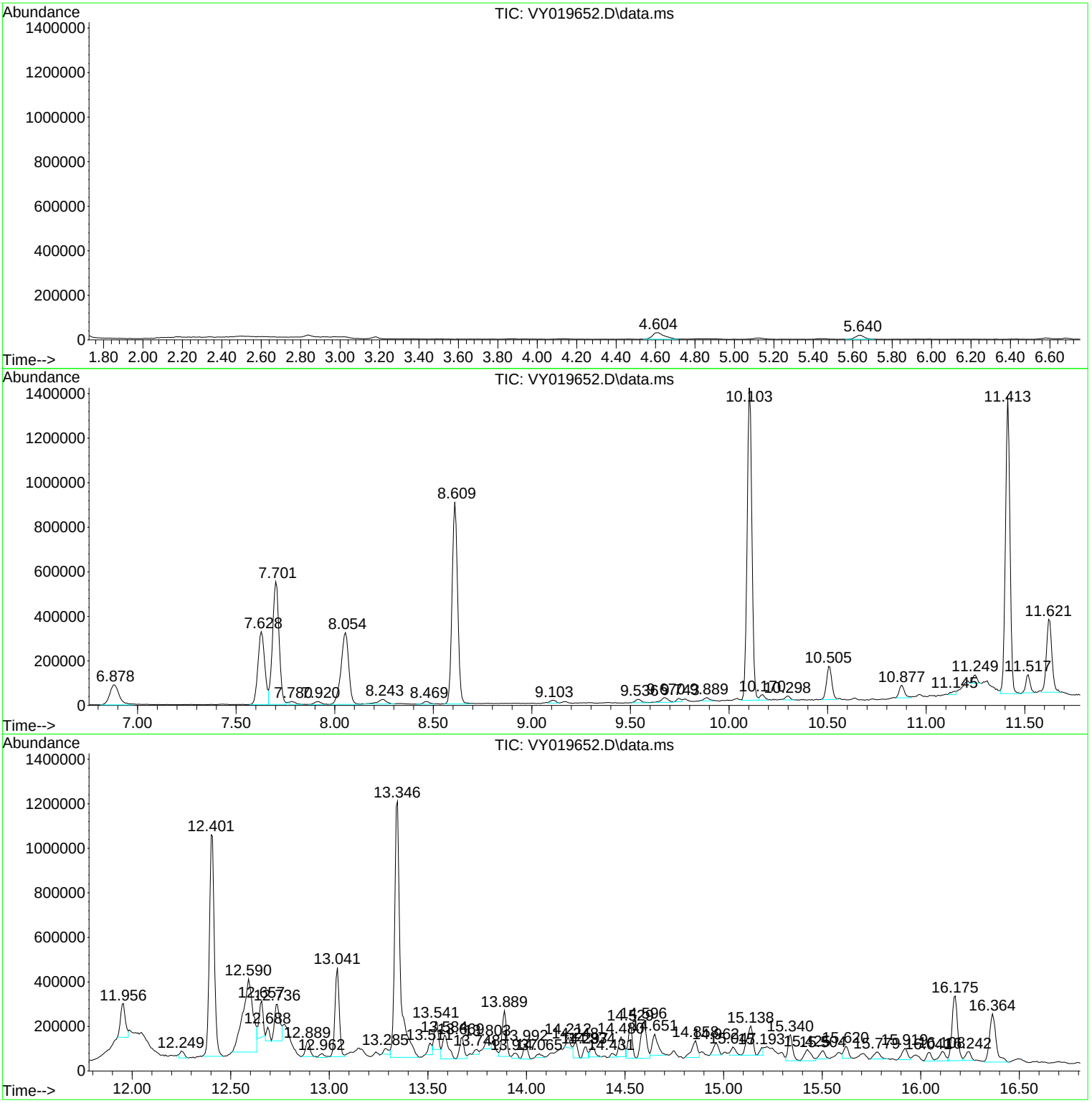
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : VY019652.D
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Instrument :
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ClientSampleId :
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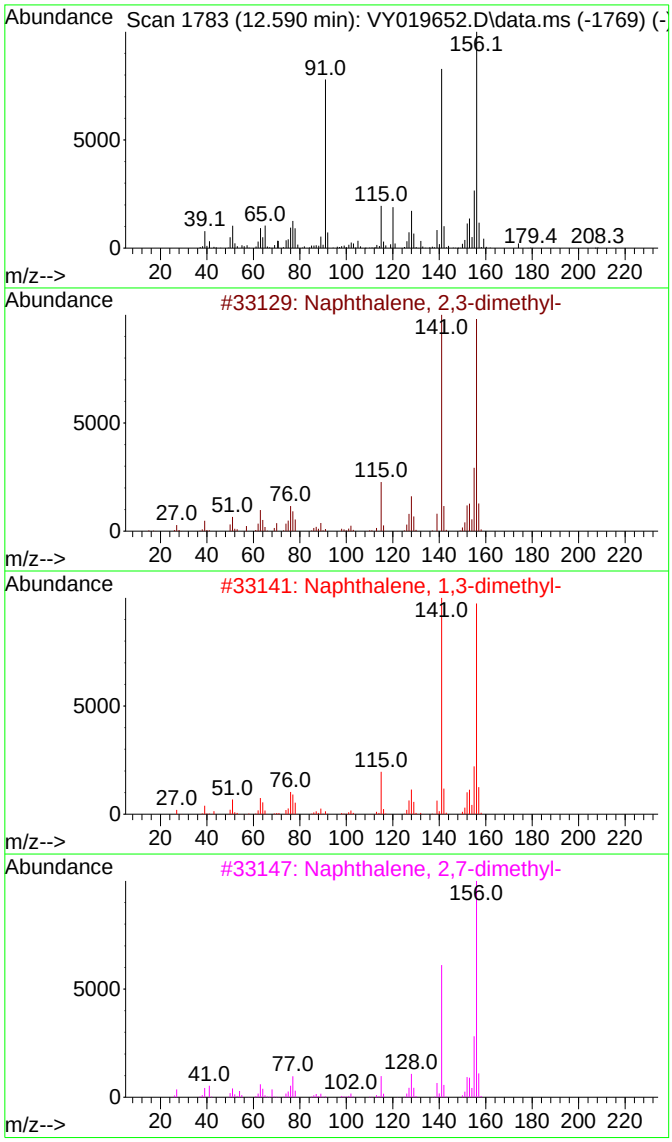
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

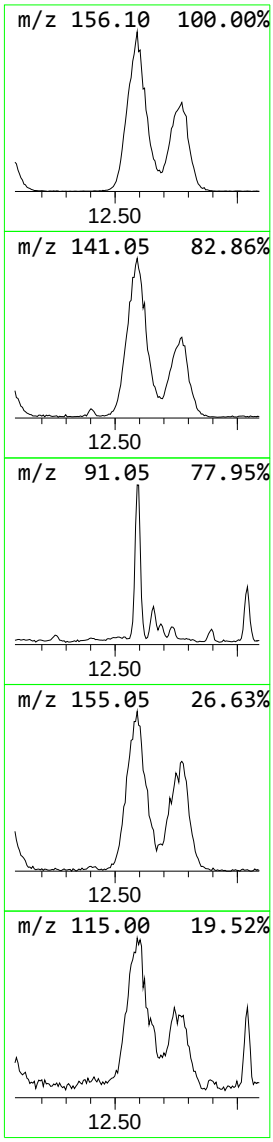
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.590	26.31 ug/l	1211590	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Data File : VY019652.D
Acq On : 20 Sep 2024 17:43
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

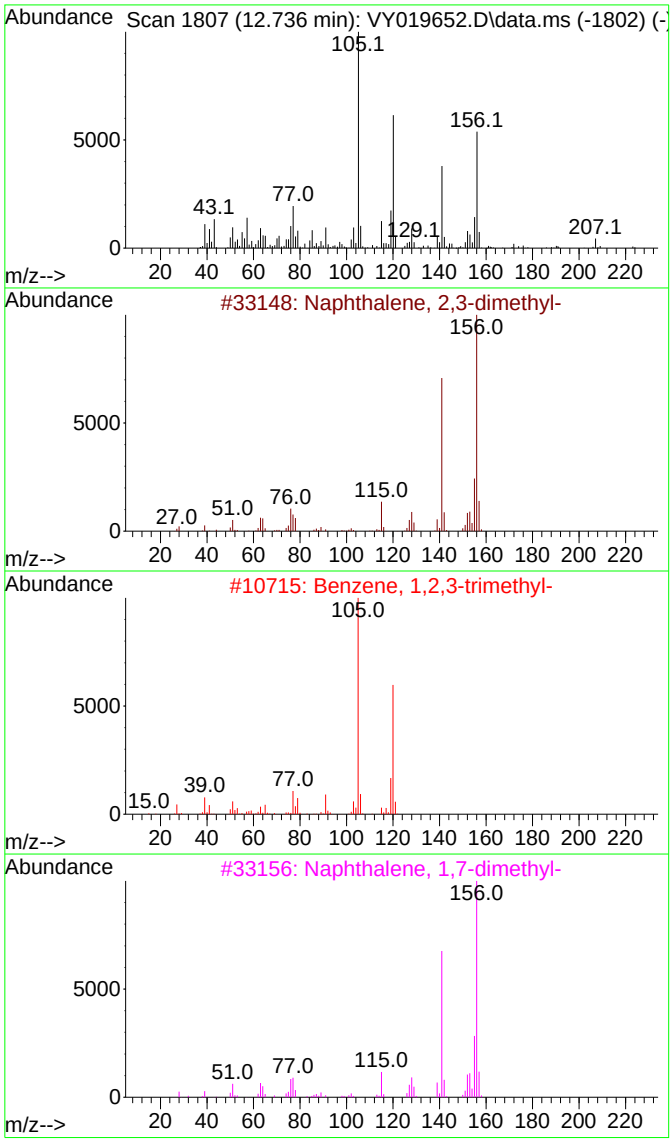
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

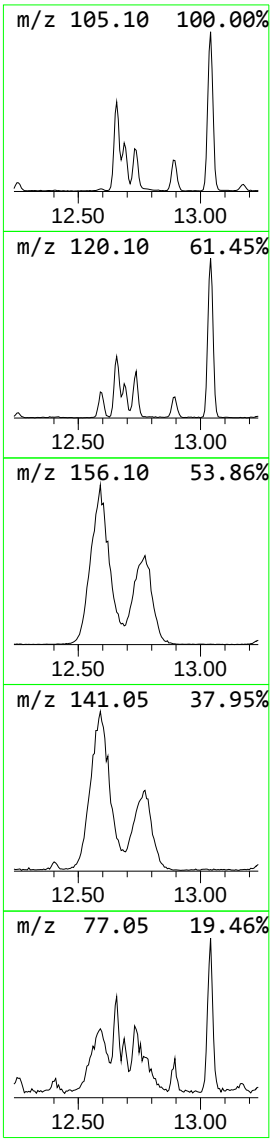
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.736	6.94 ug/l	319613	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	83
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	83





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Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

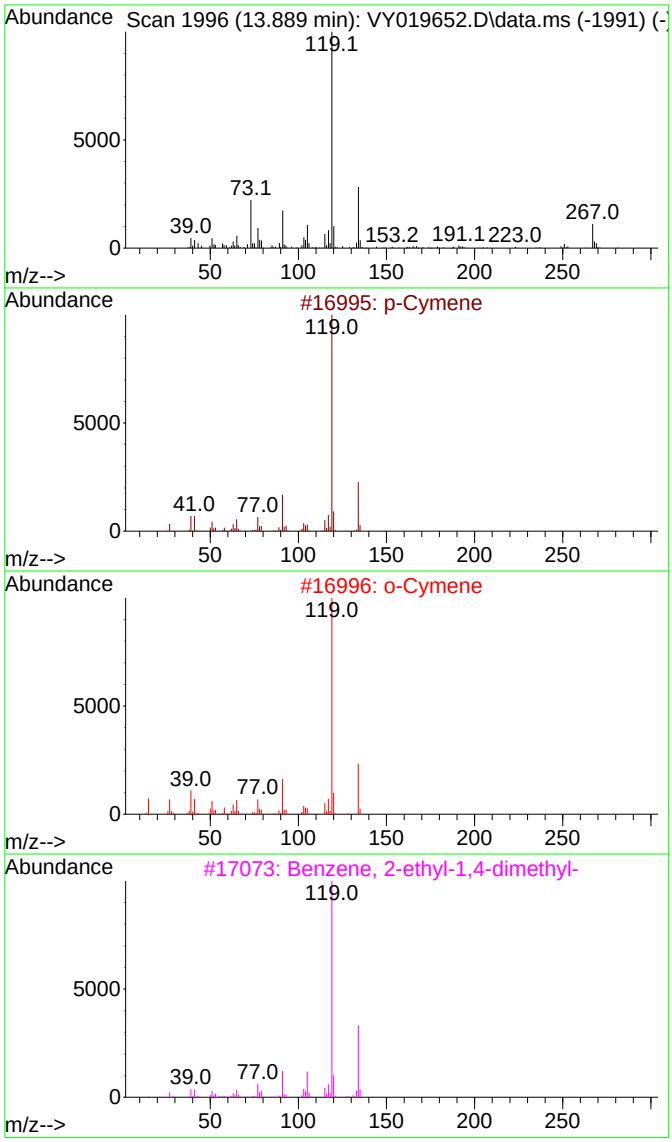
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

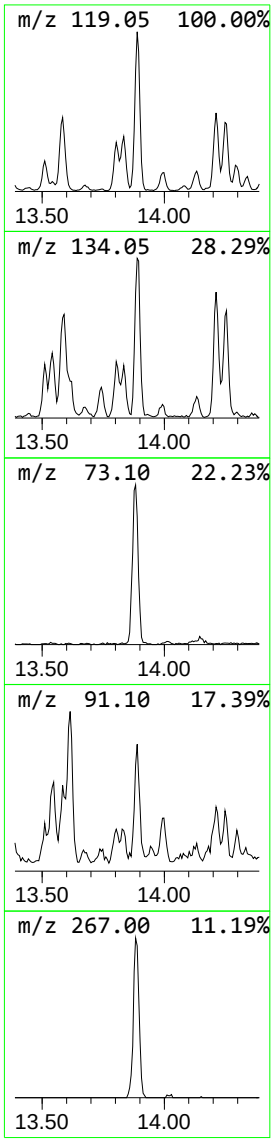
****

Peak Number 5 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.72 ug/l	309522	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

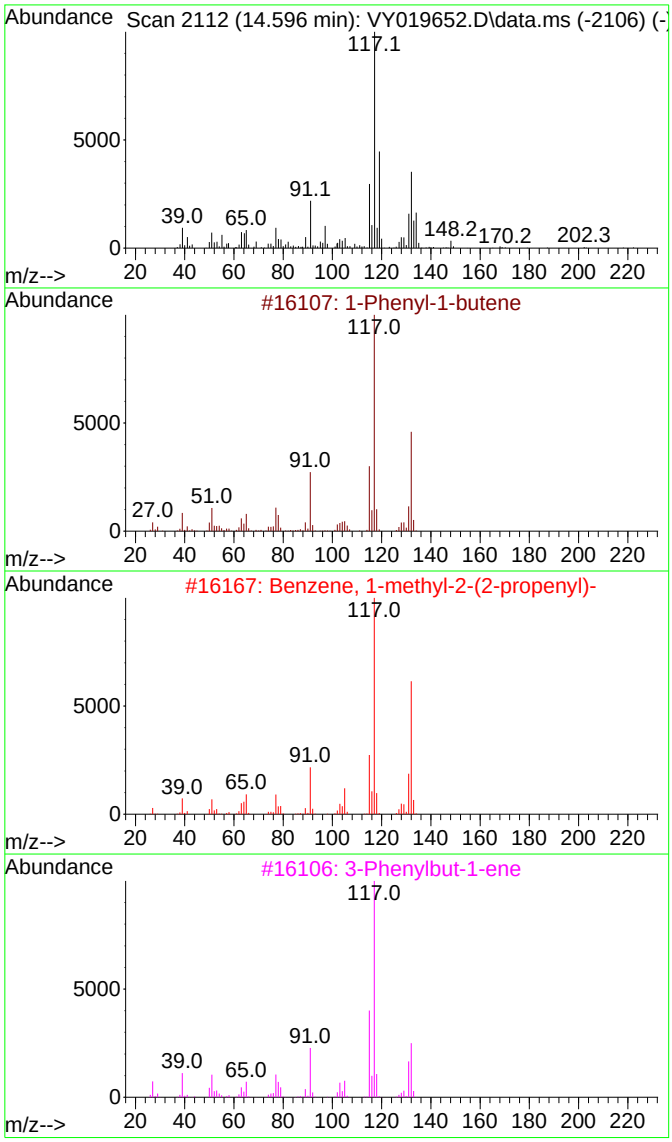
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

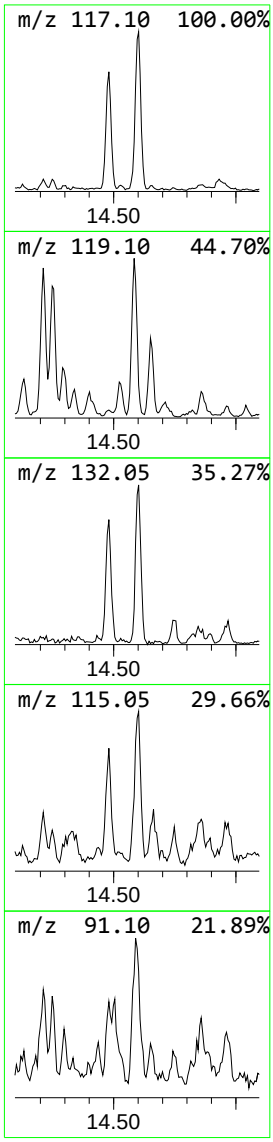
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	7.27 ug/l	334942	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

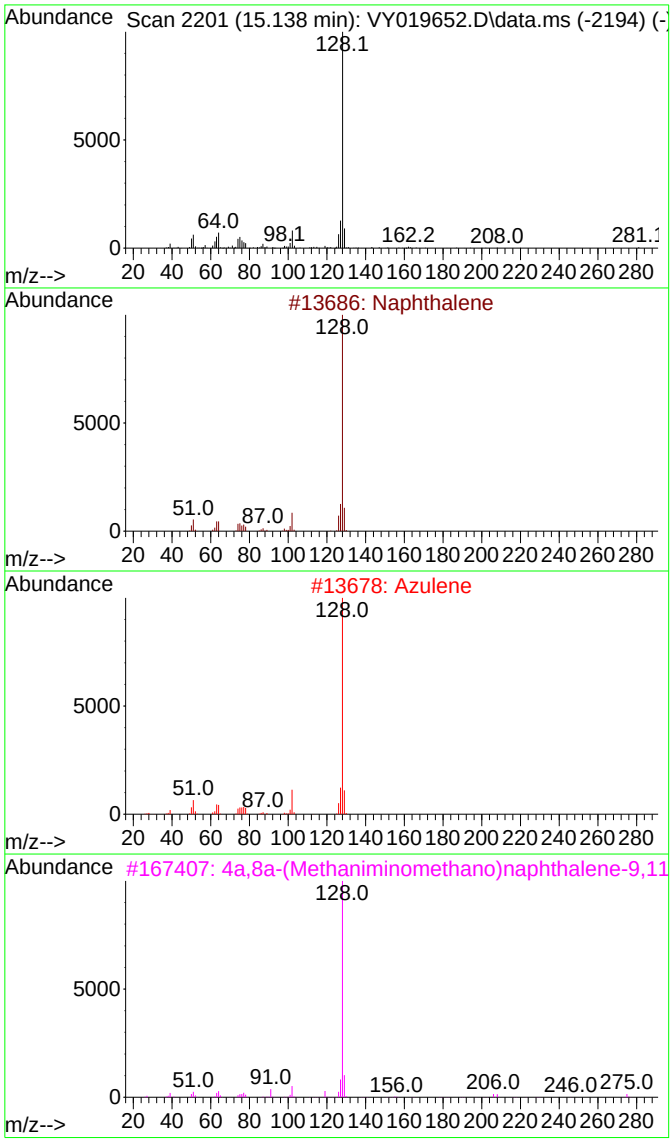
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

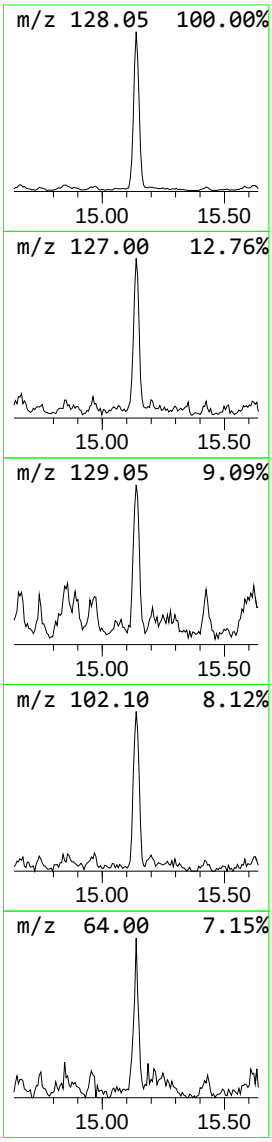
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.138	5.81 ug/l	267645	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	91
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	47
5	4-Fluorothiophenol	128	C6H5FS	000371-42-6	40





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	12.590	26.3	ug/l	1211590	4	13.346	2302890	50.0
Naphthalene, 1,...	12.736	6.9	ug/l	319613	4	13.346	2302890	50.0
p-Cymene	13.889	6.7	ug/l	309522	4	13.346	2302890	50.0
1-Phenyl-1-butene	14.596	7.3	ug/l	334942	4	13.346	2302890	50.0
Azulene	15.138	5.8	ug/l	267645	4	13.346	2302890	50.0