LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMYLM120321SMA.M
Title : VOC Analysis

Signal : TIC: VY006934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	65	70	80	rVB	37595	64435	2.20%	0.683%
2	2.772	149	156	165	rBV	27870	64474	2.20%	0.683%
3	3.576	286	288	290	rBV2	373	280	0.01%	0.003%
4	3.851	323	333	347	rBV2	64318	176472	6.03%	1.870%
5	4.046	360	365	367	rBV2	203	330	0.01%	0.003%
6	4.192	380	389	396	rBV3	1993	5947	0.20%	0.063%
7	4.387	419	421	423	rBV	238	229	0.01%	0.002%
8	4.467	432	434	436	rBV	364	344	0.01%	0.004%
9	4.601	454	456	459	rVB2	343	309	0.01%	0.003%
10	4.637	459	462	463	rBV	247	283	0.01%	0.003%
11	4.710	465	474	488	rVB2	11352	35969	1.23%	0.381%
12	4.918	502	508	510	rBV3	642	1085	0.04%	0.011%
13	5.027	523	526	528	rBV	304	278	0.01%	0.003%
14	5.052	528	530	532	rVV	329	279	0.01%	0.003%
15	5.113	538	540	546	rVB2	411	616	0.02%	0.007%
16	5.168	546	549	551	rBB	270	333	0.01%	0.004%
17	5.222	556	558	561	rVB2	257	300	0.01%	0.003%
18	5.247	561	562	565	rBV	293	301	0.01%	0.003%
19	5.290	566	569	571	rVV2	191	255	0.01%	0.003%
20	5.338	575	577	580	rBV2	312	367	0.01%	0.004%
21	5.375	580	583	586	rVB2	330	318	0.01%	0.003%
22	5.448	590	595	596	rBV	213	226	0.01%	0.002%
23	5.503	603	604	607	rBV	294	274	0.01%	0.003%
24	5.552	610	612	614	rVB	276	253	0.01%	0.003%
25	5.747	638	644	652	rVV4	1781	4808	0.16%	0.051%
26	5.905	668	670	673	rVV	267	312	0.01%	0.003%
27	6.009	682	687	689	rBV	208	347	0.01%	0.004%
28	6.174	711	714	717	rBV3	240	290	0.01%	0.003%
29	6.241	722	725	726	rBV	236	237	0.01%	0.003%
30	6.302	732	735	738	rBV	280	421	0.01%	0.004%
31	6.497	764	767	771	rVB2	226	369	0.01%	0.004%
32	6.606	782	785	789	rBV2	217	357	0.01%	0.004%
33	6.643	789	791	793	rVB	235	225	0.01%	0.002%
34	6.887	820	831	841	rBV	29874	86176	2.94%	0.913%
35	7.375	910	911	913	rBV	301	259	0.01%	0.003%
36	7.478	918	928	941	rVV	101487	250552	8.56%	2.655%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMYLM120321SMA.M
Title : VOC Analysis

37	7.631	951	953	955	rBV	242	245	0.01%	0.003%
38	8.118	1021	1033	1047	rBV3	195041	620048	21.18%	6.571%
39	8.240	1047	1053	1061	rVB3	2816	6418	0.22%	0.068%
40	8.466	1088	1090	1093	rBV3	215	230	0.01%	0.002%
41	8.533	1099	1101	1104	rBV2	379	408	0.01%	0.004%
42	8.691	1117	1127	1137	rBV	234862	454313	15.52%	4.815%
43	8.923	1160	1165	1166	rBV3	1028	1297	0.04%	0.014%
44	9.124	1187	1198	1207	rBV	135323	276642	9.45%	2.932%
45	9.185	1207	1208	1217	rVB5	723	1166	0.04%	0.012%
46	9.514	1256	1262	1267	rVB4	1270	2386	0.08%	0.025%
47	9.746	1298	1300	1302	rVB	464	382	0.01%	0.004%
48	9.819	1310	1312	1313	rBV	279	269	0.01%	0.003%
49	9.892	1316	1324	1331	rBV	82625	143435	4.90%	1.520%
50	9.978	1334	1338	1342	rVB2	752	1013	0.03%	0.011%
51	10.033	1344	1347	1349	rBV3	374	491	0.02%	0.005%
52	10.075	1349	1354	1358	rBV2	864	1425	0.05%	0.015%
53	10.179	1364	1371	1378	rBV	254520	440260	15.04%	4.666%
54	10.246	1378	1382	1389	rVB	12379	20281	0.69%	0.215%
55	10.380	1400	1404	1406	rBV2	249	323	0.01%	0.003%
56	10.435	1406	1413	1422	rBV	56264	95066	3.25%	1.008%
57	10.581	1430	1437	1445	rVB	35439	63811	2.18%	0.676%
58	10.691	1452	1455	1457	rBV3	331	434	0.01%	0.005%
59	10.789	1465	1471	1478	rBV	117905	182444	6.23%	1.934%
60	10.947	1491	1497	1505	rBV	22058	38409	1.31%	0.407%
61	11.045	1510	1513	1517	rVB5	997	1480	0.05%	0.016%
62	11.276	1548	1551	1552	rBV3	379	384	0.01%	0.004%
63	11.319	1552	1558	1565	rVB	27443	45767	1.56%	0.485%
64	11.490	1579	1586	1595	rBV	338689	532287	18.18%	5.641%
65	11.593	1598	1603	1609	rVB5	984	2025	0.07%	0.021%
66	11.697	1615	1620	1628	rVB2	9041	15358	0.52%	0.163%
67	12.038	1670	1676	1683	rVB4	7909	15666	0.54%	0.166%
68	12.154	1691	1695	1696	rBV2	320	335	0.01%	0.004%
69	12.252	1710	1711	1715	rVB	412	383	0.01%	0.004%
70	12.331	1720	1724	1729	rVV4	1202	1994	0.07%	0.021%
71	12.392	1732	1734	1736	rVB2	326	271	0.01%	0.003%
72	12.489	1741	1750	1756	rVV	122420	206293	7.05%	2.186%
73	12.563	1756	1762	1769	rVB	128348	207074	7.07%	2.195%
74	12.624	1770	1772	1776	rVV3	688	599	0.02%	0.006%
75	12.733	1787	1790	1793	rBV2	2858	4635	0.16%	0.049%
76	12.813	1798	1803	1810	rVB2	29140	48393	1.65%	0.513%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMYLM120321SMA.M
Title : VOC Analysis

77	12.977	1824	1830	1835	rVB3	2111	3843	0.13%	0.041%
78	13.069	1840	1845	1848	rBV4	1367	2036	0.07%	0.022%
79	13.117	1848	1853	1858	rBV	37588	55612	1.90%	0.589%
80	13.178	1858	1863	1868	rVB4	12664	20672	0.71%	0.219%
81	13.343	1886	1890	1897	rBV2	3992	6232	0.21%	0.066%
82	13.422	1897	1903	1916	rVV	290107	478964	16.36%	5.076%
83	13.526	1916	1920	1927	rVB2	15856	24110	0.82%	0.256%
84	13.630	1933	1937	1940	rBV5	5583	9964	0.34%	0.106%
85	13.721	1946	1952	1959	rVB	225507	342555	11.70%	3.630%
86	13.806	1961	1966	1973	rVB	45105	72670	2.48%	0.770%
87	13.892	1976	1980	1981	rBV3	2461	3237	0.11%	0.034%
88	13.965	1987	1992	1998	rVB3	20511	35710	1.22%	0.378%
89	14.081	2007	2011	2013	rBV4	2213	3895	0.13%	0.041%
90	14.270	2037	2042	2044	rBV2	15210	25639	0.88%	0.272%
91	14.337	2050	2053	2054	rBV	11405	12946	0.44%	0.137%
92	14.562	2087	2090	2096	rVB3	3061	4385	0.15%	0.046%
93	14.678	2104	2109	2115	rVB3	14300	27695	0.95%	0.294%
94	14.751	2116	2121	2126	rVB2	14276	21042	0.72%	0.223%
95	14.831	2129	2134	2141	rVB	26913	40077	1.37%	0.425%
96	15.160	2183	2188	2192	rBV	20745	37676	1.29%	0.399%
97	15.233	2194	2200	2209	rVB	1823094	2927964	100.00%	31.031%
98	15.330	2210	2216	2224	rBV2	39429	84451	2.88%	0.895%
99	16.294	2366	2374	2383	rVB	340959	665968	22.75%	7.058%
100	16.489	2399	2406	2417	rVB	190218	395908	13.52%	4.196%

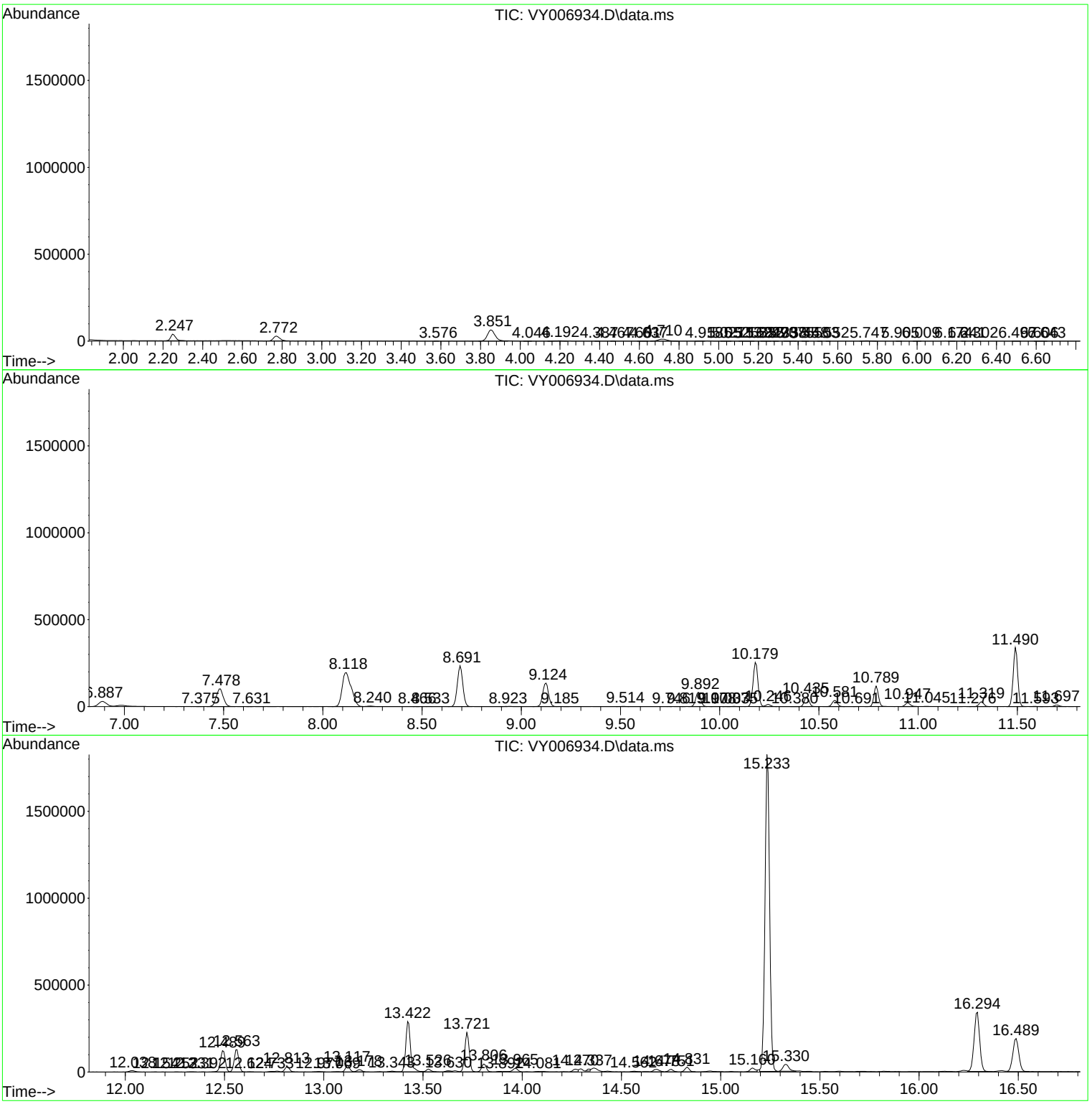
Sum of corrected areas: 9435701

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

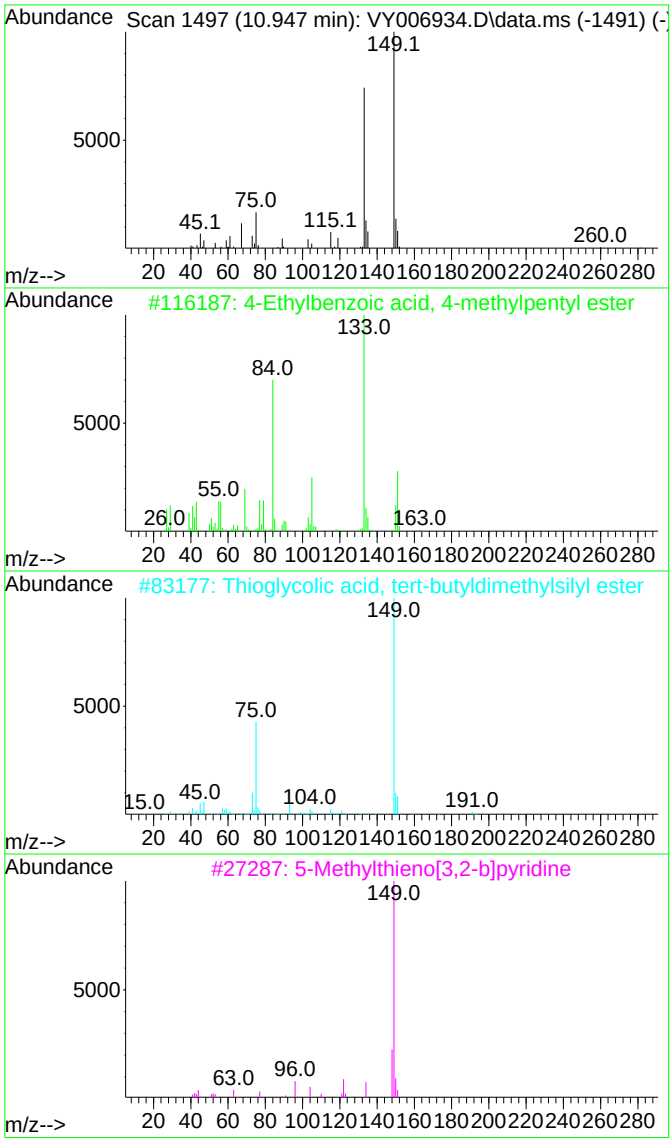
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

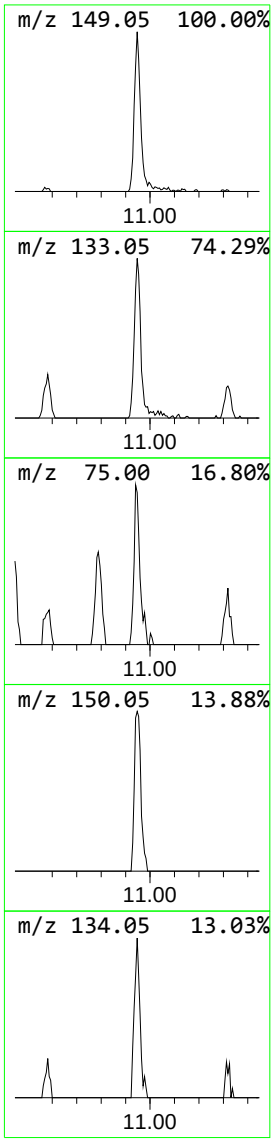
****

Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	1.80 ug/L	38409	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 4-methylpen...	234	C15H22O2	1000293-49-7	38
2	Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	35
3	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	32
4	4-Ethylbenzoic acid, allyl ester	190	C12H14O2	1000293-31-7	32
5	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

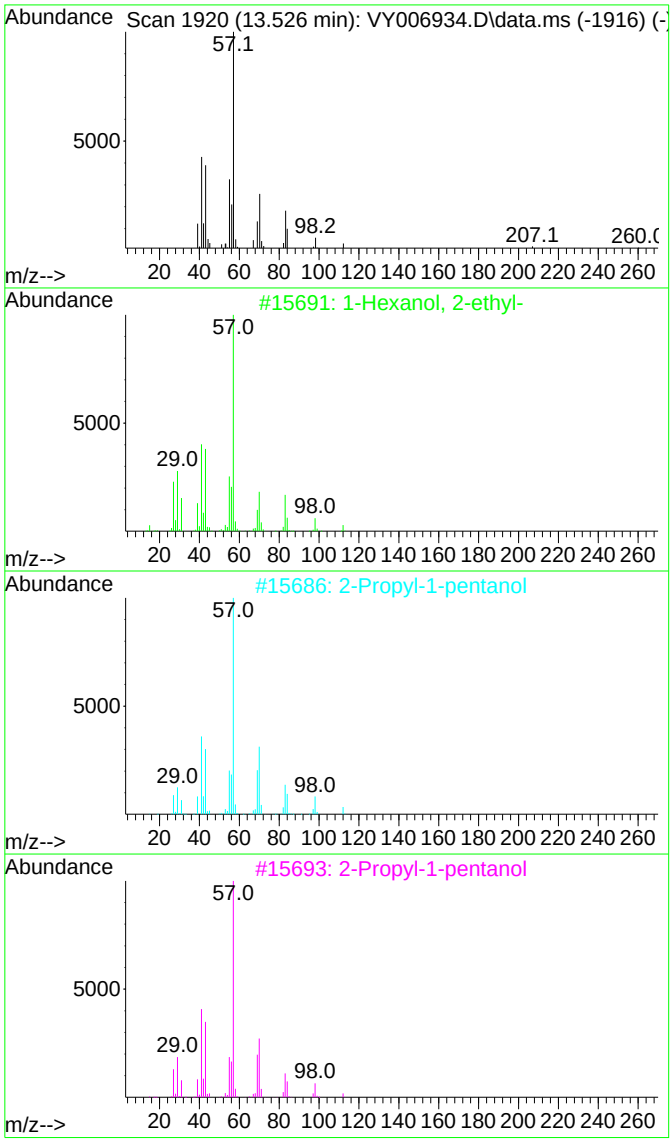
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

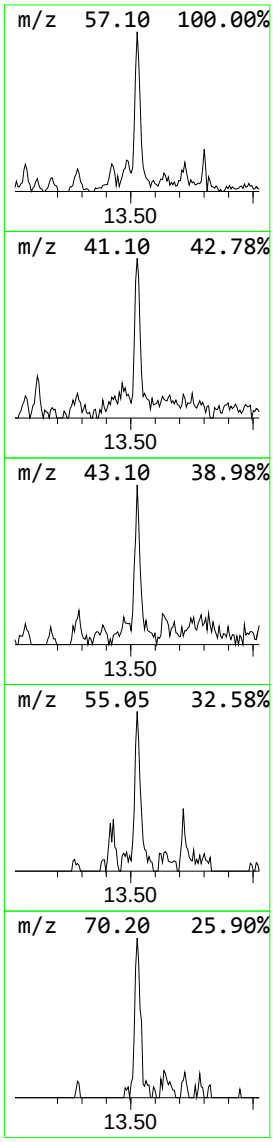
****

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	1.26 ug/L	24110	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	72
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

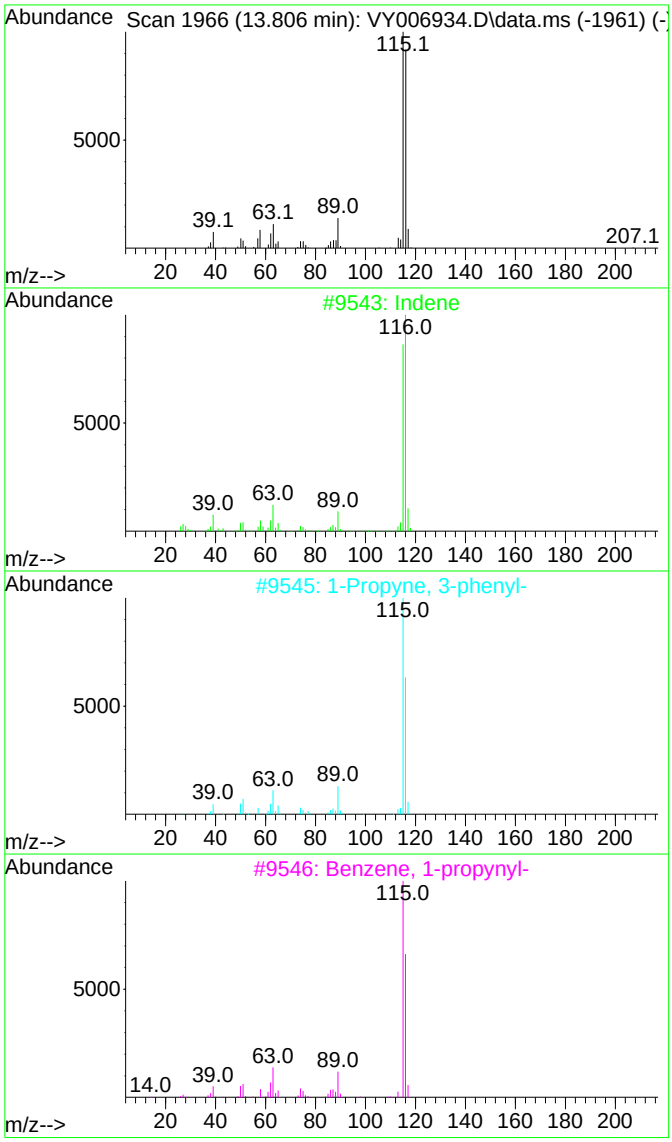
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

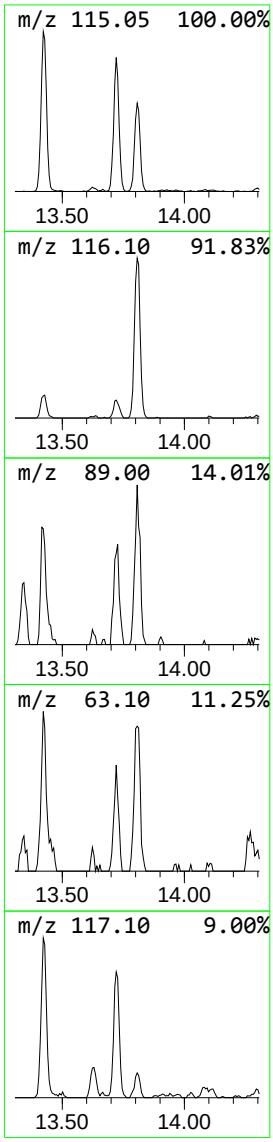
****

Peak Number 8 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	3.79 ug/L	72670	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

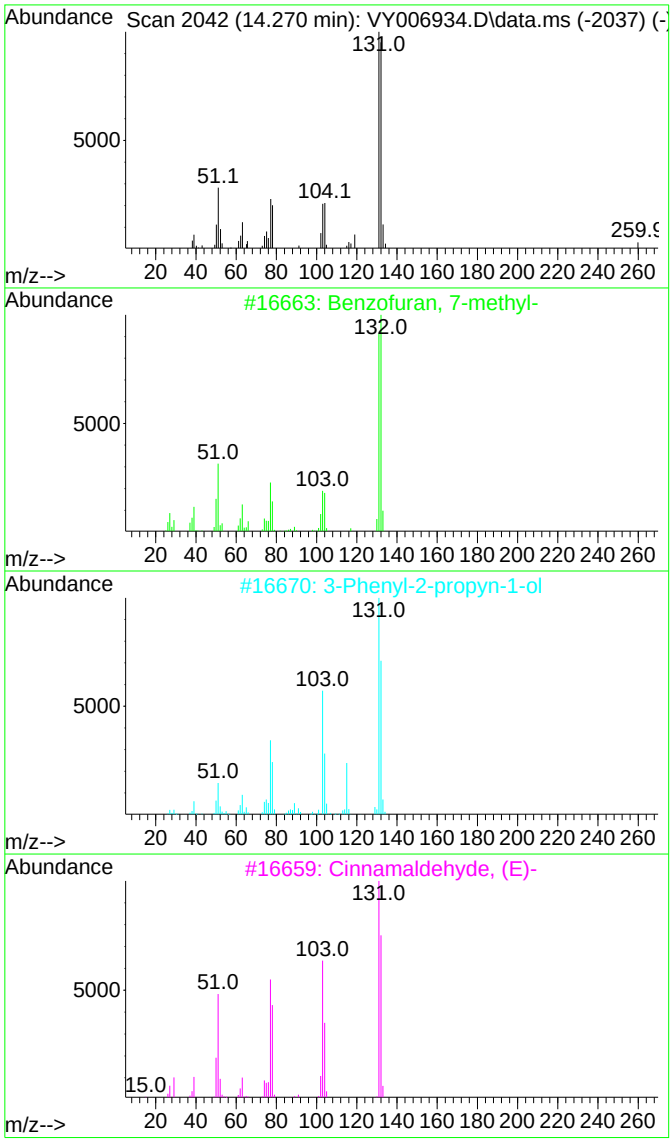
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

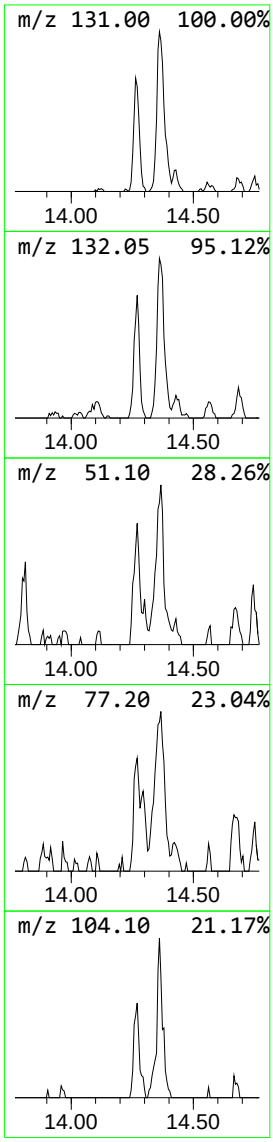
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.270	1.34 ug/L	25639	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

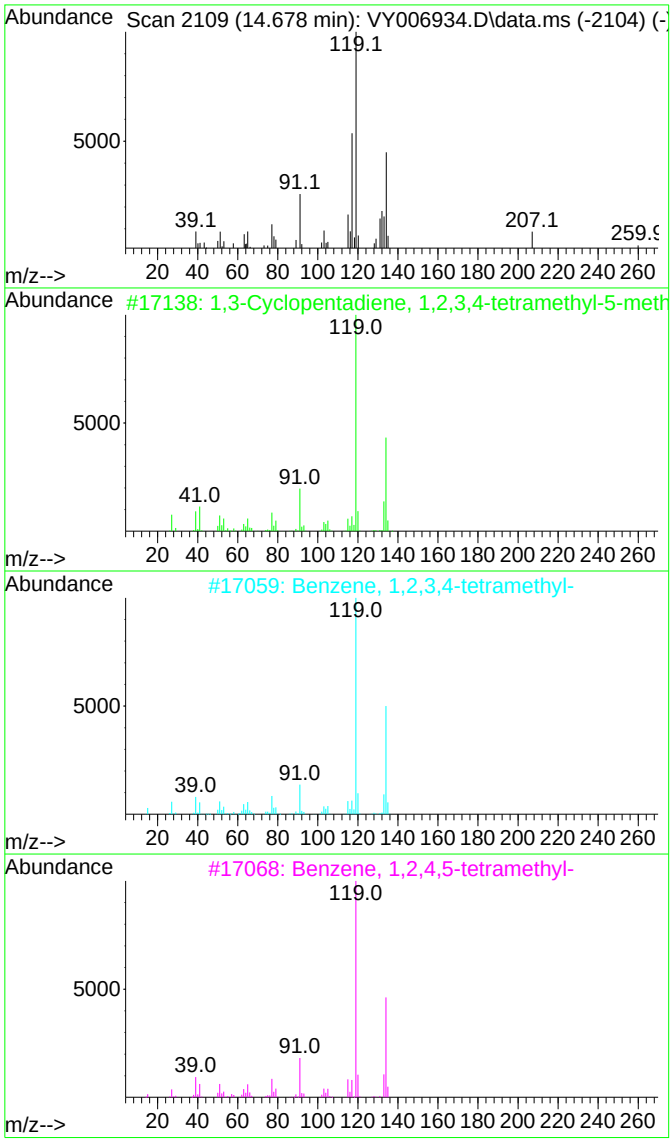
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

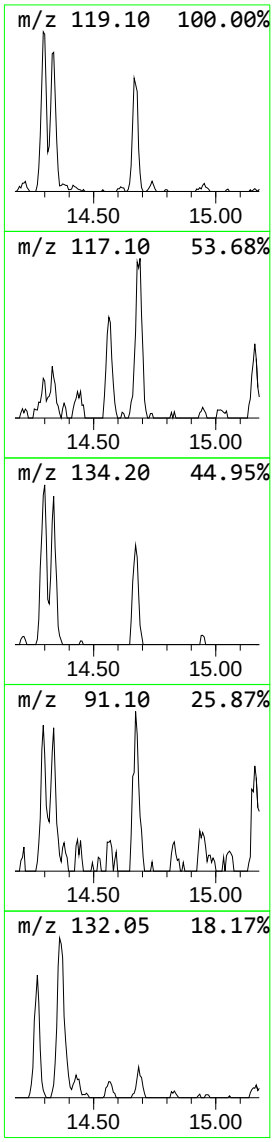
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	1.45 ug/L	27695	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

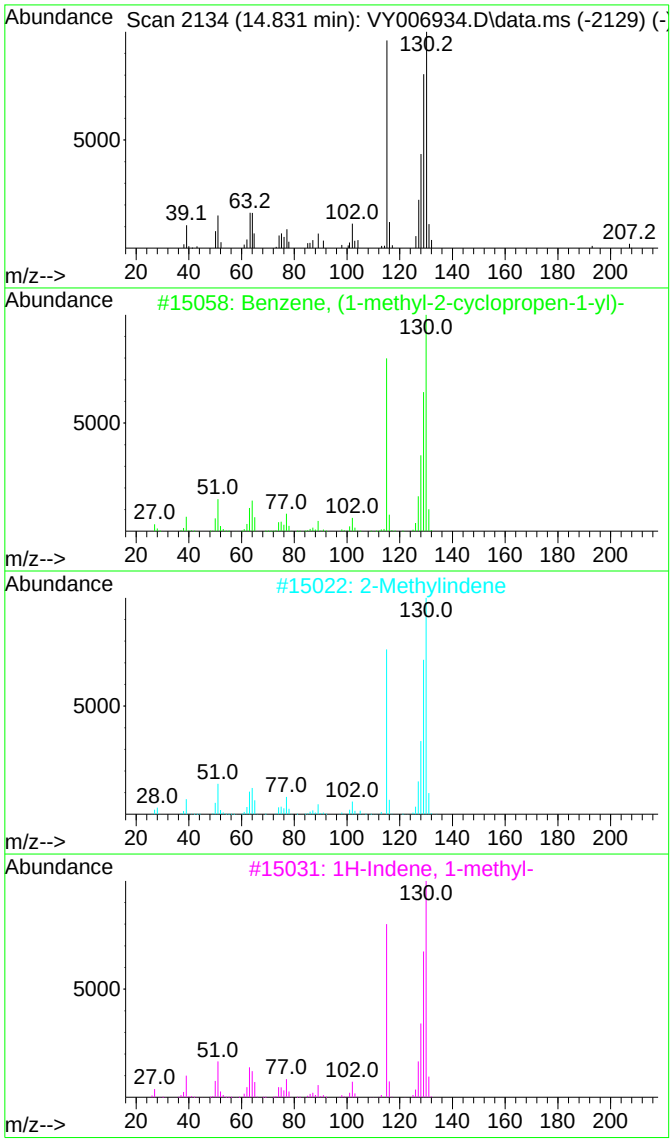
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

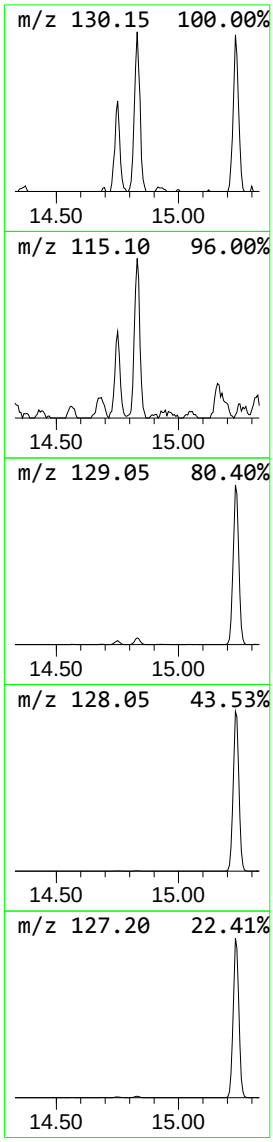
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.831	2.09 ug/L	40077	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

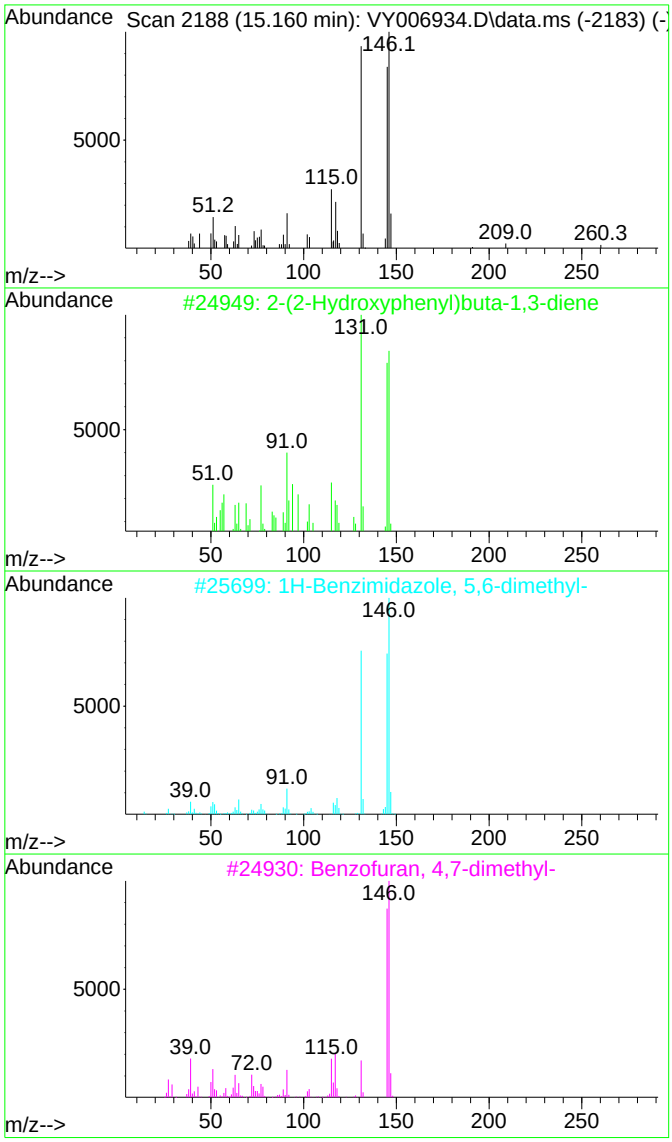
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

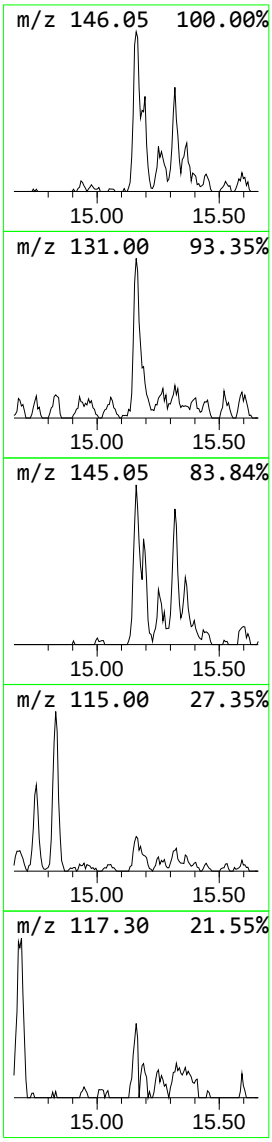
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.160	1.97 ug/L	37676	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	90
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	86
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64
5	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

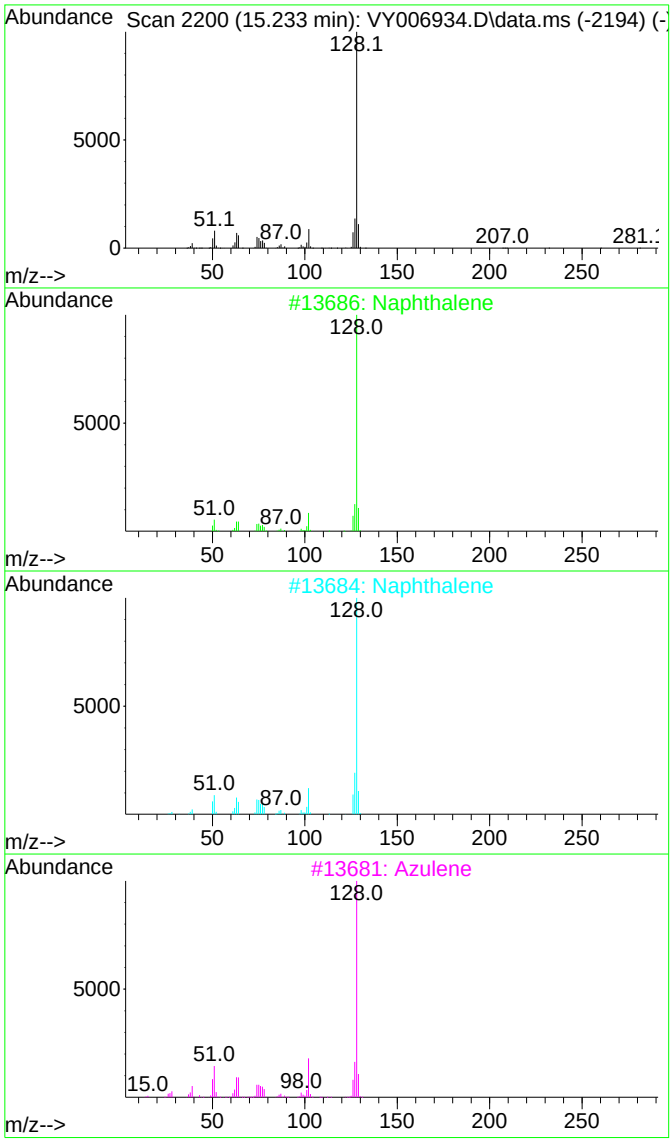
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

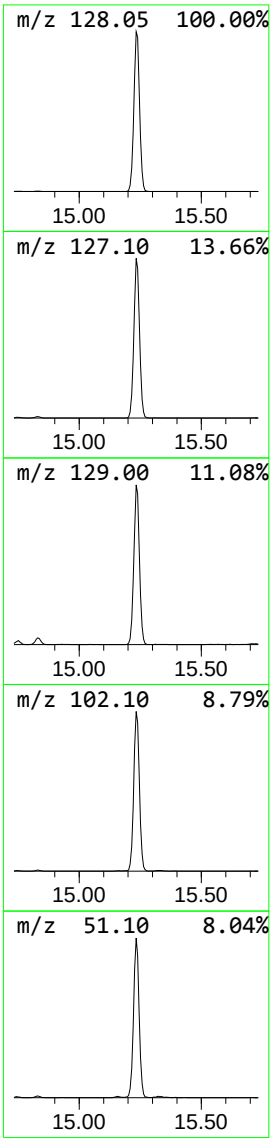
****

Peak Number 14 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	152.83 ug/L	2927960	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

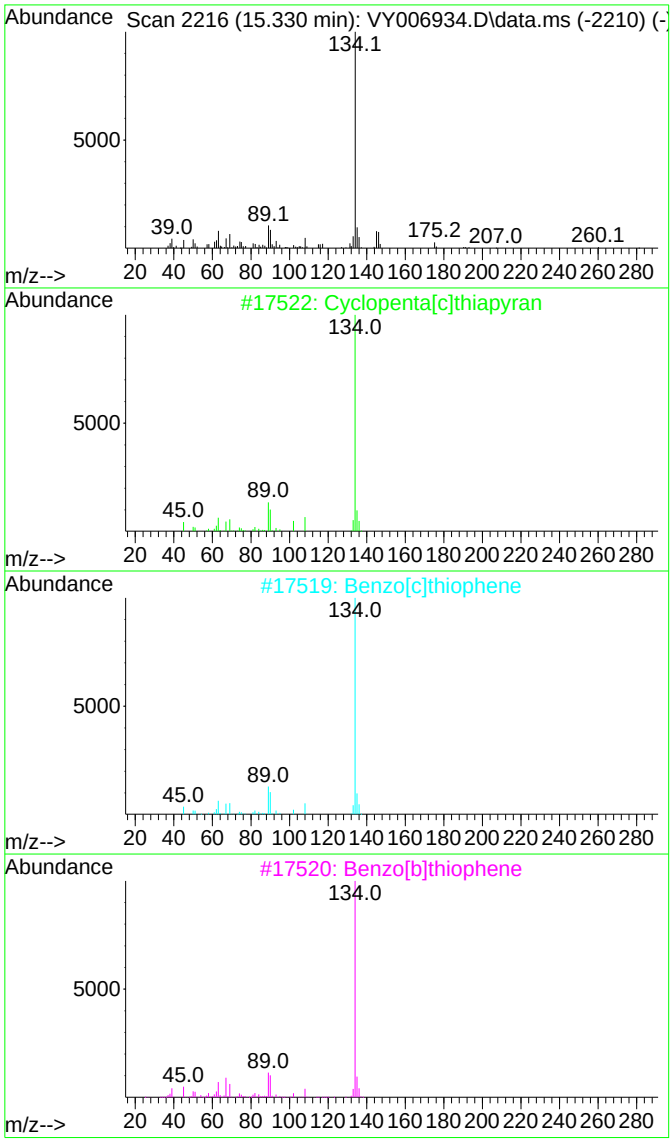
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

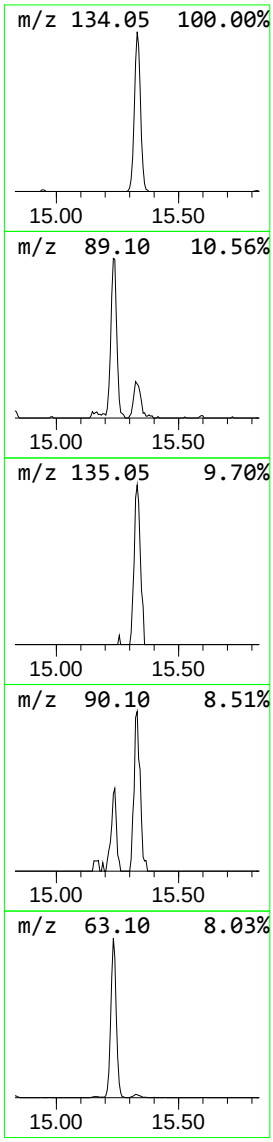
****

Peak Number 15 Cyclopenta[c]thiapyran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	4.41 ug/L	84451	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	93
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

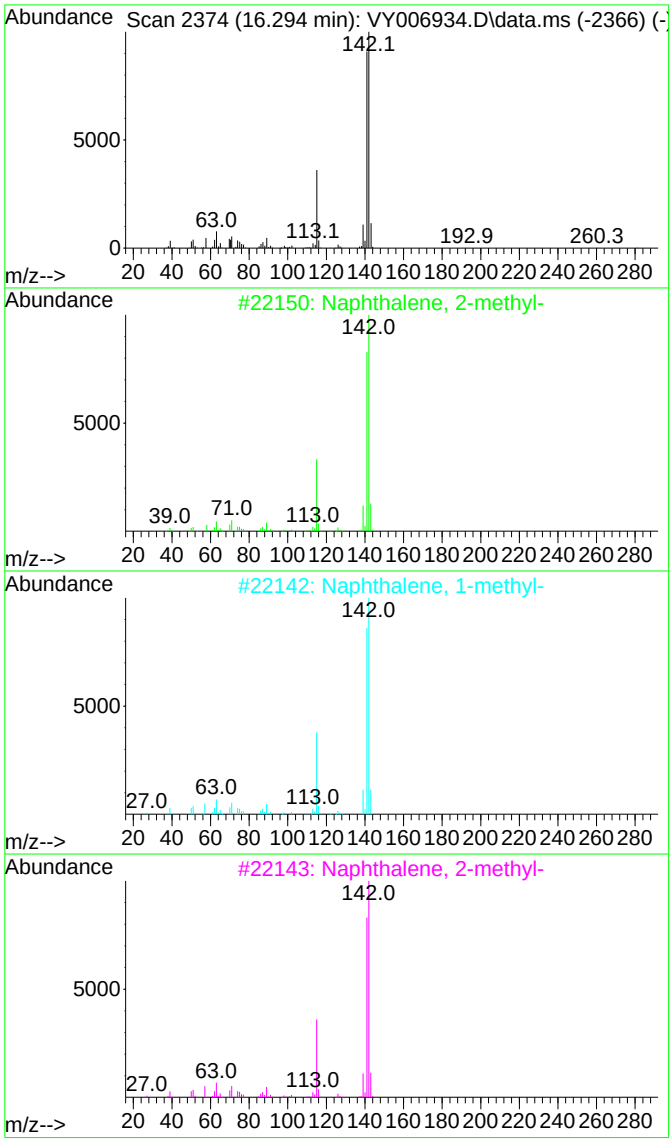
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

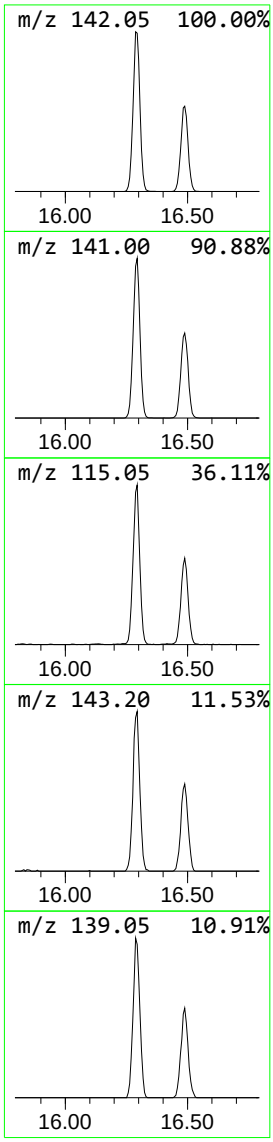
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	34.76 ug/L	665968	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

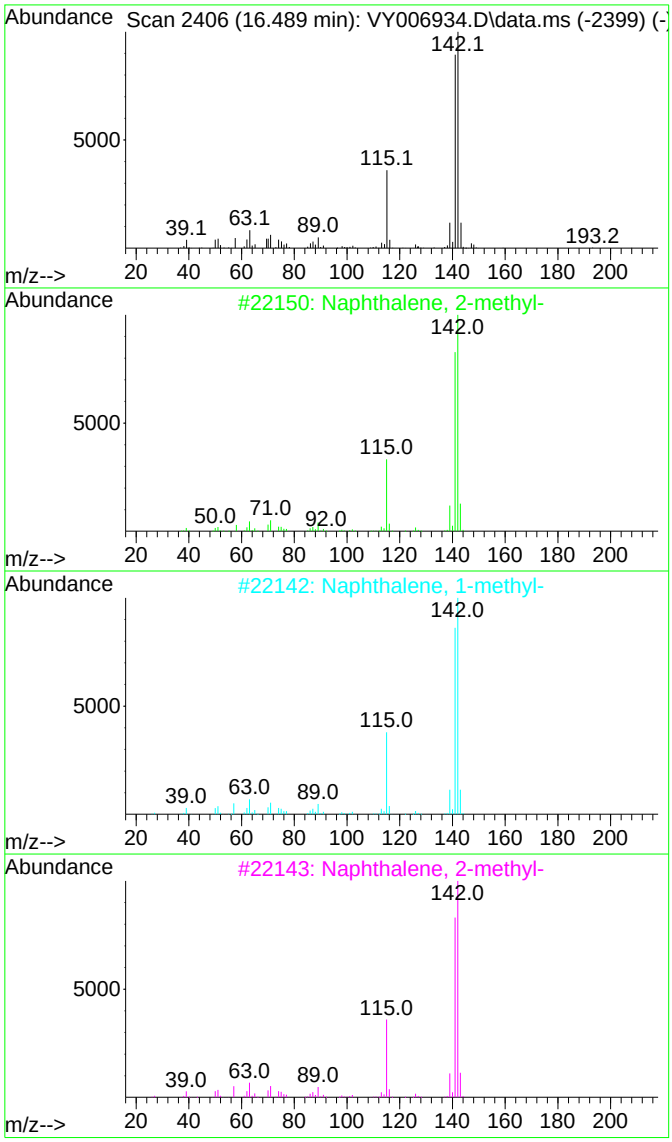
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

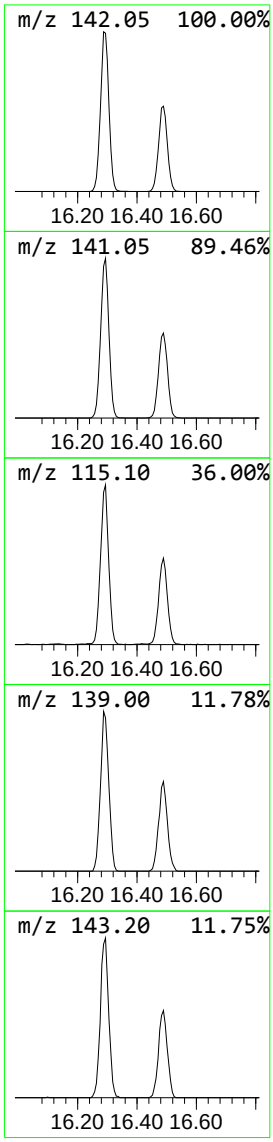
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	20.66 ug/L	395908	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006934.D
Acq On : 04 Dec 2021 12:30
Operator : SY/MD
Sample : M4884-04
Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.947	1.8	ug/L	38409	2	11.490	532287	25.0
1-Hexanol, 2-et...	13.526	1.3	ug/L	24110	3	13.428	478964	25.0
Indene	13.806	3.8	ug/L	72670	3	13.428	478964	25.0
Benzofuran, 7-m...	14.270	1.3	ug/L	25639	3	13.428	478964	25.0
1,3-Cyclopentad...	14.678	1.5	ug/L	27695	3	13.428	478964	25.0
Benzene, (1-met...	14.831	2.1	ug/L	40077	3	13.428	478964	25.0
2-(2-Hydroxyphe...	15.160	2.0	ug/L	37676	3	13.428	478964	25.0
Azulene	15.233	152.8	ug/L	2927960	3	13.428	478964	25.0
Cyclopenta[c]th...	15.330	4.4	ug/L	84451	3	13.428	478964	25.0
Naphthalene, 2-...	16.294	34.8	ug/L	665968	3	13.428	478964	25.0
Naphthalene, 1-...	16.489	20.7	ug/L	395908	3	13.428	478964	25.0