LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
Data File : VW020274.D
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK446

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_W\Method\SFAMWLM092121SMA.M
Title : SFAM01.0

Signal : TIC: VW020274.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	42	rBV	481	581	0.06%	0.006%
2	2.361	67	75	86	rBV	93448	179347	17.10%	1.911%
3	2.897	155	163	177	rBV	68544	171943	16.39%	1.832%
4	3.348	235	237	239	rBV	208	220	0.02%	0.002%
5	3.434	250	251	254	rBV	234	194	0.02%	0.002%
6	3.556	270	271	274	rVB2	300	219	0.02%	0.002%
7	3.787	306	309	311	rBV2	186	241	0.02%	0.003%
8	4.025	336	348	370	rVV2	102419	313149	29.85%	3.337%
9	4.409	409	411	414	rBV2	147	194	0.02%	0.002%
10	4.562	433	436	439	rVB2	133	208	0.02%	0.002%
11	4.726	460	463	467	rBV	158	260	0.02%	0.003%
12	4.921	485	495	512	rVV3	13887	46591	4.44%	0.496%
13	5.470	579	585	586	rBV2	169	270	0.03%	0.003%
14	5.574	598	602	605	rVB2	160	241	0.02%	0.003%
15	5.952	654	664	672	rVV4	4185	12211	1.16%	0.130%
16	7.086	840	850	873	rBV	24037	67610	6.44%	0.720%
17	7.317	886	888	892	rBV	303	318	0.03%	0.003%
18	7.653	931	943	954	rBV	179541	440820	42.02%	4.697%
19	7.890	978	982	985	rBV3	297	448	0.04%	0.005%
20	7.939	985	990	991	rVV2	232	353	0.03%	0.004%
21	7.957	991	993	995	rVV2	382	335	0.03%	0.004%
22	8.281	1036	1046	1062	rBV3	352965	1020048	97.23%	10.870%
23	8.634	1101	1104	1108	rVV3	229	393	0.04%	0.004%
24	8.695	1113	1114	1119	rVB	304	309	0.03%	0.003%
25	8.738	1119	1121	1122	rBV	195	201	0.02%	0.002%
26	8.841	1130	1138	1149	rBV	313233	622243	59.31%	6.631%
27	8.988	1159	1162	1165	rBV3	324	309	0.03%	0.003%
28	9.036	1169	1170	1173	rBV2	230	232	0.02%	0.002%
29	9.073	1173	1176	1177	rBV2	642	709	0.07%	0.008%
30	9.274	1200	1209	1218	rBV	313888	528724	50.40%	5.634%
31	9.390	1227	1228	1232	rVB2	209	204	0.02%	0.002%
32	9.518	1246	1249	1250	rVV3	209	255	0.02%	0.003%
33	9.658	1269	1272	1278	rVV3	333	504	0.05%	0.005%
34	9.963	1318	1322	1324	rBV2	510	604	0.06%	0.006%
35	9.981	1324	1325	1327	rVV2	378	361	0.03%	0.004%
36	10.036	1327	1334	1343	rVV	120407	222903	21.25%	2.375%

LSC Area Percent Report

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Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK446

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_W\Method\SFAMWLM092121SMA.M
Title : SFAM01.0

37	10.103	1343	1345	1347	rVV3	653	571	0.05%	0.006%
38	10.128	1347	1349	1353	rVB3	518	553	0.05%	0.006%
39	10.213	1358	1363	1365	rBV2	298	452	0.04%	0.005%
40	10.231	1365	1366	1370	rVB2	264	248	0.02%	0.003%
41	10.323	1373	1381	1389	rBV	507851	902717	86.05%	9.619%
42	10.390	1389	1392	1399	rVB	7369	11910	1.14%	0.127%
43	10.445	1399	1401	1406	rVB3	465	604	0.06%	0.006%
44	10.500	1406	1410	1416	rBV5	737	1439	0.14%	0.015%
45	10.579	1416	1423	1434	rBV	79236	132921	12.67%	1.416%
46	10.707	1434	1444	1448	rBV3	2747	6457	0.62%	0.069%
47	10.750	1449	1451	1456	rVB	502	619	0.06%	0.007%
48	10.792	1456	1458	1459	rBV	406	221	0.02%	0.002%
49	10.847	1465	1467	1472	rVB2	418	455	0.04%	0.005%
50	10.926	1472	1480	1489	rBV	93686	158860	15.14%	1.693%
51	11.061	1500	1502	1503	rBV	513	286	0.03%	0.003%
52	11.182	1516	1522	1526	rVV2	2022	2863	0.27%	0.031%
53	11.225	1526	1529	1534	rVV5	1362	2398	0.23%	0.026%
54	11.286	1537	1539	1541	rVB	363	256	0.02%	0.003%
55	11.335	1543	1547	1551	rBV3	806	1102	0.11%	0.012%
56	11.408	1554	1559	1565	rBV5	1192	2692	0.26%	0.029%
57	11.512	1572	1576	1581	rBV4	920	1519	0.14%	0.016%
58	11.634	1588	1596	1606	rVB	495161	838767	79.95%	8.938%
59	11.731	1606	1612	1617	rBV5	604	1270	0.12%	0.014%
60	11.768	1617	1618	1620	rBV2	653	468	0.04%	0.005%
61	11.816	1620	1626	1627	rBV5	1264	2119	0.20%	0.023%
62	11.841	1627	1630	1633	rVV3	2072	2883	0.27%	0.031%
63	11.871	1633	1635	1639	rVB4	1179	1567	0.15%	0.017%
64	11.969	1649	1651	1656	rVB3	309	487	0.05%	0.005%
65	12.036	1656	1662	1664	rBV3	477	572	0.05%	0.006%
66	12.146	1673	1680	1690	rBV8	2044	5977	0.57%	0.064%
67	12.249	1691	1697	1701	rVB5	2854	5229	0.50%	0.056%
68	12.304	1703	1706	1707	rBV2	855	927	0.09%	0.010%
69	12.347	1707	1713	1715	rBV4	2671	5321	0.51%	0.057%
70	12.536	1742	1744	1747	rBV3	1060	998	0.10%	0.011%
71	12.597	1750	1754	1761	rVB4	9443	20912	1.99%	0.223%
72	12.694	1761	1770	1776	rBV	242930	399791	38.11%	4.260%
73	12.774	1776	1783	1791	rVB10	4509	13706	1.31%	0.146%
74	12.859	1791	1797	1801	rBV7	1803	3873	0.37%	0.041%
75	12.932	1801	1809	1816	rBV6	10189	25481	2.43%	0.272%
76	13.036	1824	1826	1828	rVB3	656	529	0.05%	0.006%

LSC Area Percent Report

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Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK446

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_W\Method\SFAMWLM092121SMA.M
Title : SFAM01.0

77	13.103	1830	1837	1843	rBV	6097	14056	1.34%	0.150%
78	13.164	1843	1847	1849	rBV2	5897	7583	0.72%	0.081%
79	13.292	1865	1868	1873	rVB5	1808	2913	0.28%	0.031%
80	13.347	1873	1877	1880	rBV5	1566	2989	0.28%	0.032%
81	13.377	1880	1882	1883	rBV2	1808	1487	0.14%	0.016%
82	13.408	1884	1887	1890	rVV5	2657	4107	0.39%	0.044%
83	13.560	1905	1912	1919	rBV	631548	1008359	96.12%	10.745%
84	13.712	1931	1937	1940	rBV4	5076	10012	0.95%	0.107%
85	13.761	1942	1945	1948	rVB3	7781	9901	0.94%	0.106%
86	13.798	1948	1951	1953	rBV2	4144	5001	0.48%	0.053%
87	13.853	1953	1960	1968	rVV	625879	1049101	100.00%	11.179%
88	14.066	1991	1995	2004	rVB3	40750	84911	8.09%	0.905%
89	14.206	2012	2018	2023	rBV2	20430	36033	3.43%	0.384%
90	14.389	2044	2048	2051	rBV4	12175	16526	1.58%	0.176%
91	14.426	2051	2054	2057	rVB3	12121	13633	1.30%	0.145%
92	14.493	2062	2065	2069	rBV2	16095	20344	1.94%	0.217%
93	14.700	2093	2099	2100	rBV3	13478	24626	2.35%	0.262%
94	14.798	2109	2115	2119	rBV4	37208	92903	8.86%	0.990%
95	15.060	2154	2158	2170	rBV4	37366	79415	7.57%	0.846%
96	15.176	2171	2177	2184	rBV2	46564	108200	10.31%	1.153%
97	15.328	2196	2202	2212	rBV5	46043	99468	9.48%	1.060%
98	15.487	2221	2228	2236	rBV	69704	176369	16.81%	1.879%
99	15.651	2248	2255	2262	rBV4	36598	97610	9.30%	1.040%
100	16.639	2410	2417	2428	rVB2	87968	224934	21.44%	2.397%

Sum of corrected areas: 9384253

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
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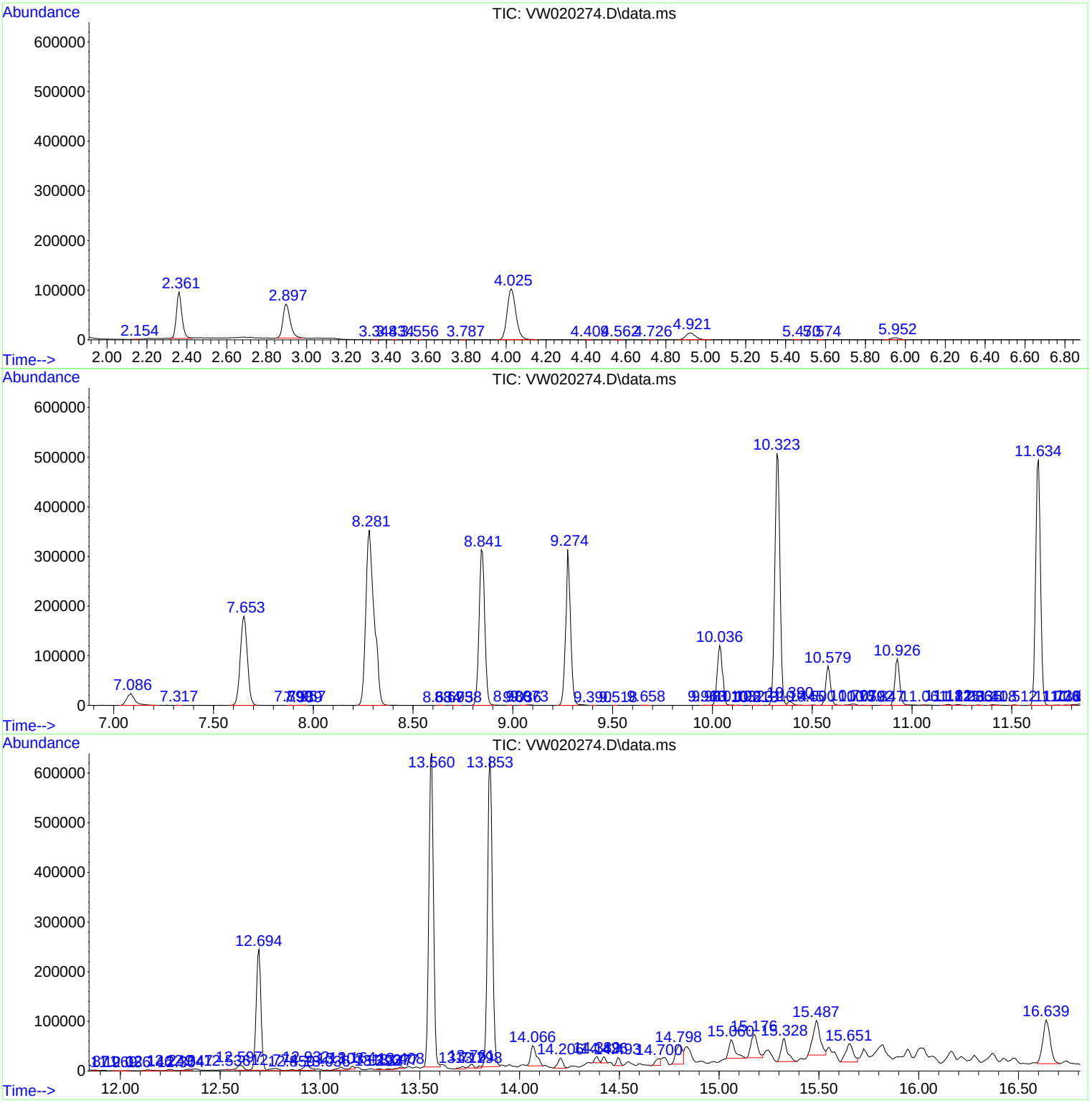
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
Data File : VW020274.D
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

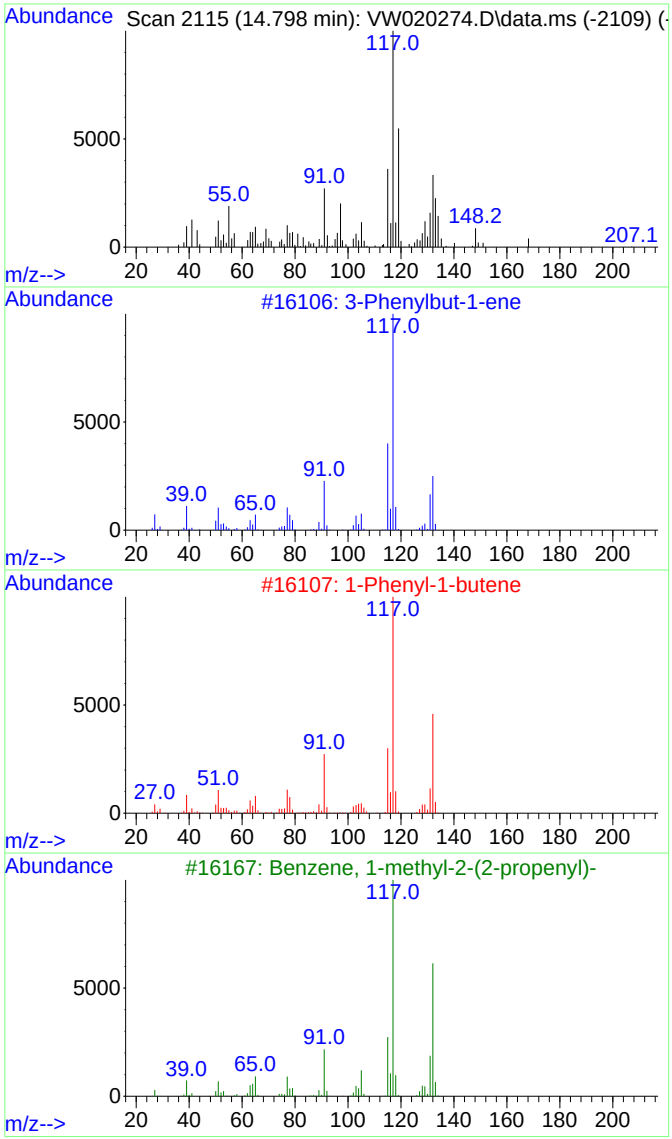
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

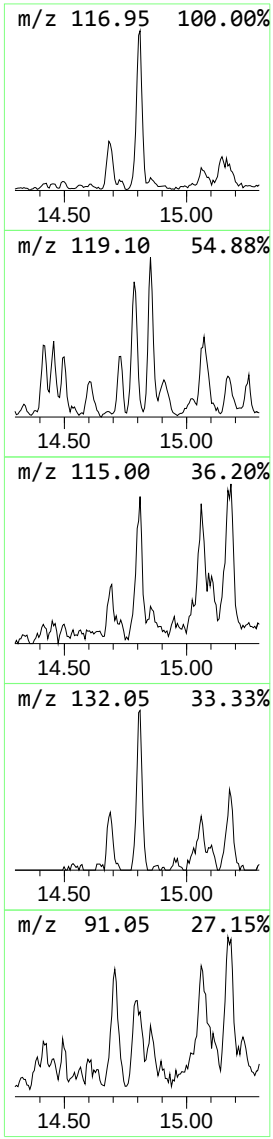
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	2.30 ug/L	92903	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
Data File : VW020274.D
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

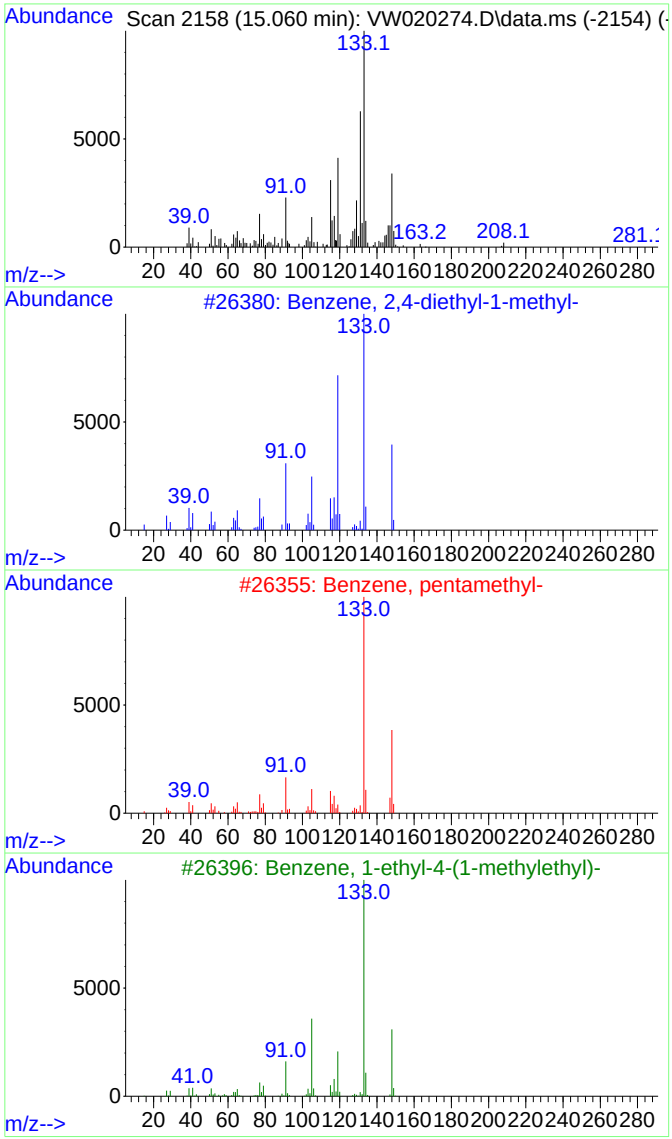
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

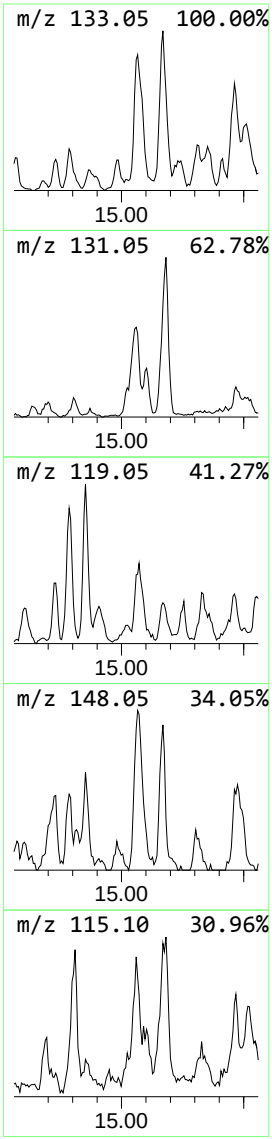
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.97 ug/L	79415	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	43





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

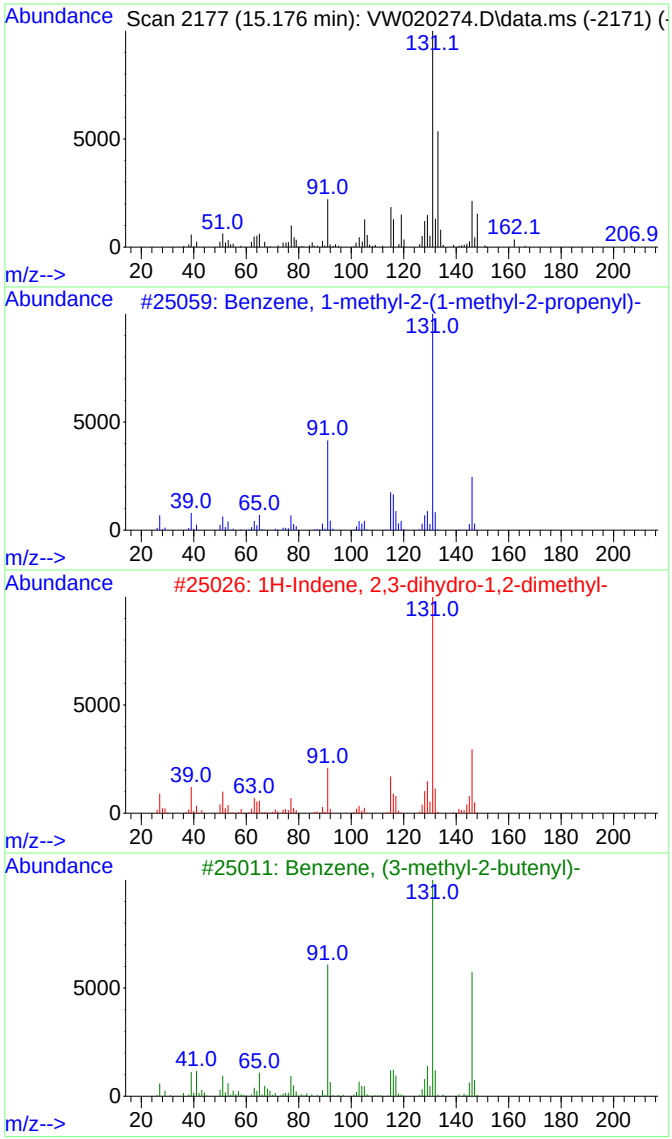
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

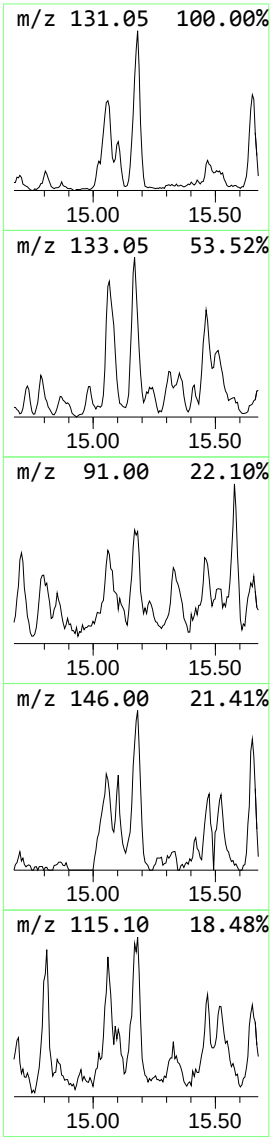
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	2.68 ug/L	108200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64





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Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

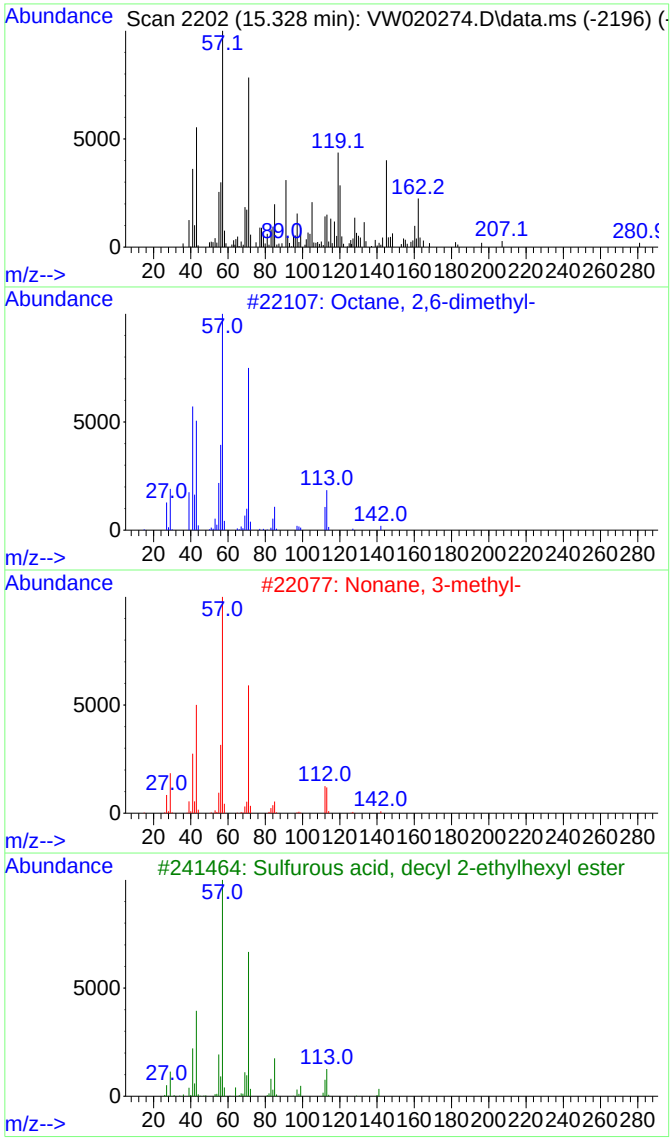
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

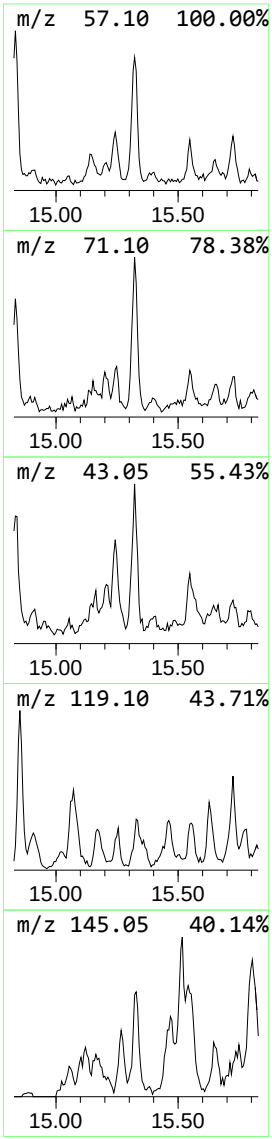
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	2.47 ug/L	99468	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	35
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	25
4	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	25
5	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	25





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Data File : VW020274.D
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

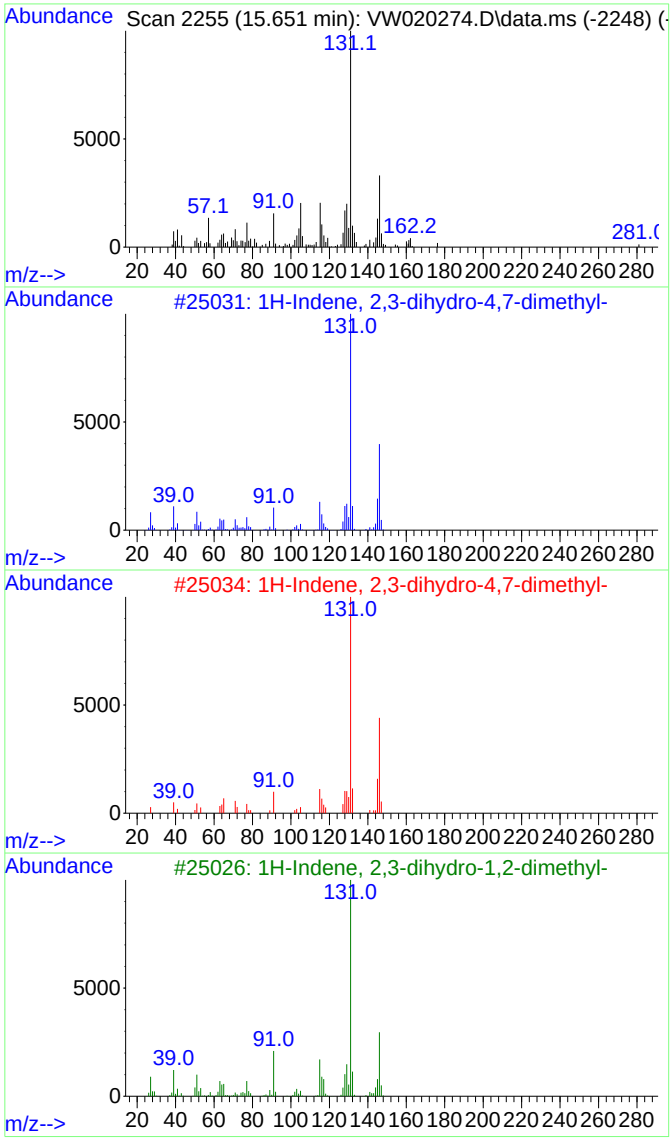
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

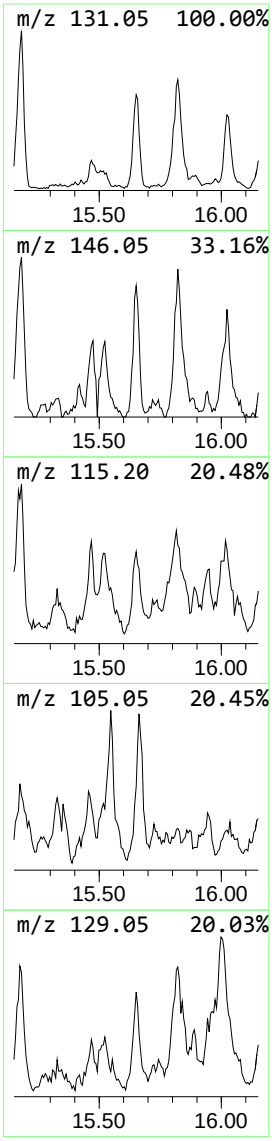
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.42 ug/L	97610	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	80
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
Data File : VW020274.D
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK446

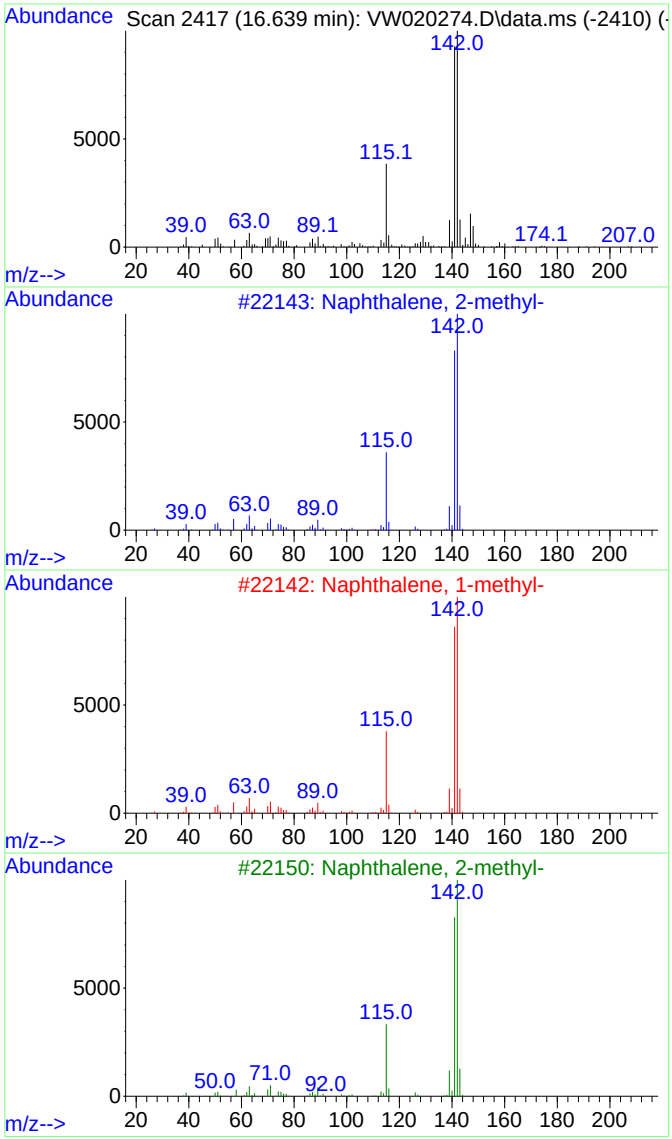
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

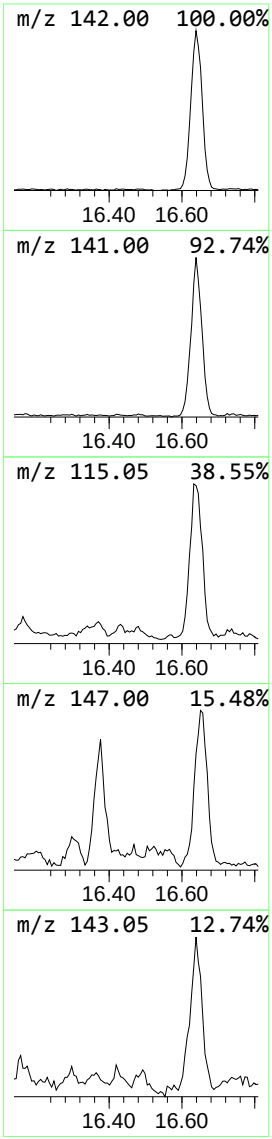
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	5.58 ug/L	224934	1,4-Dichlorobenzene-d4	13.560

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	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
Data File : VW020274.D
Acq On : 30 Sep 2021 16:53
Operator : SY/VA
Sample : VIBLK446
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK446

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Phenylbut-1-ene	14.798	2.3	ug/L	92903	3	13.560	1008360	25.0
Benzene, 2,4-di...	15.060	2.0	ug/L	79415	3	13.560	1008360	25.0
Benzene, 1-meth...	15.176	2.7	ug/L	108200	3	13.560	1008360	25.0
(DEL) Alkane: S...	15.328	2.5	ug/L	99468	3	13.560	1008360	25.0
1H-Indene, 2,3-...	15.651	2.4	ug/L	97610	3	13.560	1008360	25.0
Naphthalene, 2-...	16.639	5.6	ug/L	224934	3	13.560	1008360	25.0