

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037084.D
 Acq On : 27 Aug 2024 14:31
 Operator : SY/MD
 Sample : P3691-20DL 40X
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63DL

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_V\Method\SFAMVLM082624WMA.M
 Title : VOC Analysis

Signal : TIC: VV037084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.140	27	31	32	rBV4	1672	1087	0.04%	0.005%
2	1.172	35	41	52	rBV	31108	51200	1.98%	0.212%
3	1.281	67	75	92	rBV2	711624	796734	30.82%	3.301%
4	1.532	145	153	169	rVB	283462	348608	13.49%	1.444%
5	2.056	307	316	334	rVB	629674	902094	34.90%	3.737%
6	3.304	702	704	708	rBV5	706	489	0.02%	0.002%
7	3.497	760	764	765	rBV4	1656	761	0.03%	0.003%
8	3.545	774	779	783	rVB7	1368	1216	0.05%	0.005%
9	3.580	787	790	793	rBV5	720	656	0.03%	0.003%
10	3.635	796	807	813	rBV9	6013	13231	0.51%	0.055%
11	3.731	835	837	840	rBV4	1129	834	0.03%	0.003%
12	3.802	843	859	895	rBV3	382895	1043853	40.38%	4.325%
13	4.040	930	933	936	rVB6	1702	1117	0.04%	0.005%
14	4.149	964	967	968	rBV3	1034	616	0.02%	0.003%
15	4.243	977	996	1024	rBV	415380	1044602	40.41%	4.328%
16	4.374	1034	1037	1042	rBV5	1689	1675	0.06%	0.007%
17	4.410	1046	1048	1052	rVB5	913	648	0.03%	0.003%
18	4.471	1062	1067	1068	rBV5	1700	1124	0.04%	0.005%
19	4.532	1084	1086	1089	rVB4	1280	770	0.03%	0.003%
20	4.551	1089	1092	1094	rBV3	1469	744	0.03%	0.003%
21	4.696	1135	1137	1141	rVB5	910	600	0.02%	0.002%
22	4.754	1153	1155	1158	rBV4	1219	579	0.02%	0.002%
23	4.802	1167	1170	1173	rVB4	917	675	0.03%	0.003%
24	4.818	1173	1175	1178	rBV4	986	762	0.03%	0.003%
25	4.870	1189	1191	1195	rVB4	1447	1051	0.04%	0.004%
26	4.895	1195	1199	1200	rBV2	1469	1127	0.04%	0.005%
27	4.950	1200	1216	1250	rBV2	1039925	2584957	100.00%	10.710%
28	5.217	1297	1299	1301	rBV3	1271	801	0.03%	0.003%
29	5.394	1352	1354	1362	rVB8	1294	1267	0.05%	0.005%
30	5.436	1362	1367	1370	rBV7	1107	987	0.04%	0.004%
31	5.468	1375	1377	1380	rVB3	1010	466	0.02%	0.002%
32	5.529	1383	1396	1427	rBV	803578	1652293	63.92%	6.846%
33	5.770	1469	1471	1478	rVB8	1425	1225	0.05%	0.005%
34	5.828	1478	1489	1490	rBV10	4595	6123	0.24%	0.025%
35	5.937	1520	1523	1524	rBV3	765	526	0.02%	0.002%
36	5.985	1524	1538	1566	rVV	576723	1185081	45.85%	4.910%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Title : VOC Analysis

37	6.136	1579	1585	1588	rBV8	1986	2312	0.09%	0.010%
38	6.194	1601	1603	1605	rBV2	1052	488	0.02%	0.002%
39	6.220	1609	1611	1615	rBV6	1236	614	0.02%	0.003%
40	6.349	1648	1651	1652	rBV3	1043	625	0.02%	0.003%
41	6.384	1658	1662	1665	rVB6	1983	1322	0.05%	0.005%
42	6.400	1665	1667	1669	rBV3	1371	655	0.03%	0.003%
43	6.497	1694	1697	1701	rVB5	1409	1223	0.05%	0.005%
44	6.522	1701	1705	1706	rBV4	903	531	0.02%	0.002%
45	6.548	1710	1713	1716	rVV4	1415	899	0.03%	0.004%
46	6.564	1716	1718	1721	rVB3	2190	1234	0.05%	0.005%
47	6.583	1721	1724	1725	rBV3	969	464	0.02%	0.002%
48	6.609	1730	1732	1740	rVB8	2353	1660	0.06%	0.007%
49	6.664	1746	1749	1754	rVB6	1729	1690	0.07%	0.007%
50	6.722	1764	1767	1771	rVB4	1601	1162	0.04%	0.005%
51	6.747	1771	1775	1776	rBV4	1260	833	0.03%	0.003%
52	6.850	1802	1807	1810	rBV4	1056	1105	0.04%	0.005%
53	6.866	1810	1812	1814	rBV4	1050	679	0.03%	0.003%
54	6.911	1814	1826	1851	rBV	300632	573756	22.20%	2.377%
55	7.114	1887	1889	1891	rVB2	1786	773	0.03%	0.003%
56	7.140	1894	1897	1899	rBV3	1440	981	0.04%	0.004%
57	7.165	1903	1905	1907	rBV3	1031	586	0.02%	0.002%
58	7.239	1915	1928	1957	rBV	1167522	2061998	79.77%	8.543%
59	7.426	1983	1986	1988	rBV3	2151	1391	0.05%	0.006%
60	7.551	2012	2025	2052	rBV	198873	373766	14.46%	1.549%
61	7.792	2098	2100	2104	rBV4	977	759	0.03%	0.003%
62	7.815	2104	2107	2109	rVB3	1388	788	0.03%	0.003%
63	7.876	2124	2126	2130	rVB5	1580	959	0.04%	0.004%
64	7.895	2130	2132	2133	rBV2	1476	569	0.02%	0.002%
65	7.982	2155	2159	2162	rBV5	1163	881	0.03%	0.004%
66	8.024	2162	2172	2211	rBV	478849	947319	36.65%	3.925%
67	8.535	2329	2331	2333	rBV3	1515	766	0.03%	0.003%
68	8.587	2344	2347	2350	rBB5	1433	806	0.03%	0.003%
69	8.667	2370	2372	2379	rVB7	1124	766	0.03%	0.003%
70	8.696	2379	2381	2384	rBV4	968	458	0.02%	0.002%
71	8.731	2389	2392	2394	rBV3	1478	1054	0.04%	0.004%
72	8.779	2395	2407	2429	rBV	1236678	2025263	78.35%	8.391%
73	9.017	2479	2481	2485	rVB4	1931	1166	0.05%	0.005%
74	9.316	2572	2574	2576	rBV3	1112	506	0.02%	0.002%
75	9.332	2576	2579	2582	rBV4	1493	1032	0.04%	0.004%
76	9.374	2590	2592	2596	rVB5	1824	1081	0.04%	0.004%

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 Title : VOC Analysis

77	9.406	2598	2602	2603	rBV4	1120	804	0.03%	0.003%
78	9.429	2606	2609	2612	rVB5	1391	976	0.04%	0.004%
79	9.477	2622	2624	2628	rBV4	775	550	0.02%	0.002%
80	9.554	2646	2648	2650	rBV3	1101	549	0.02%	0.002%
81	9.583	2654	2657	2658	rBV3	1459	804	0.03%	0.003%
82	9.619	2666	2668	2673	rVB5	1574	786	0.03%	0.003%
83	9.654	2676	2679	2682	rVV6	1074	832	0.03%	0.003%
84	9.699	2691	2693	2697	rVB4	1291	909	0.04%	0.004%
85	9.722	2697	2700	2701	rBV2	1019	517	0.02%	0.002%
86	9.908	2756	2758	2763	rVB6	1617	965	0.04%	0.004%
87	10.046	2799	2801	2804	rVB4	1534	754	0.03%	0.003%
88	10.149	2821	2833	2852	rBV	728662	1158499	44.82%	4.800%
89	10.297	2876	2879	2882	rBV5	1731	1376	0.05%	0.006%
90	10.352	2894	2896	2899	rBV3	1719	1169	0.05%	0.005%
91	10.451	2922	2927	2934	rBV8	5704	7624	0.29%	0.032%
92	11.181	3143	3154	3173	rBV	1312773	2052613	79.41%	8.504%
93	11.554	3260	3270	3295	rVB	1202534	1892070	73.20%	7.839%
94	15.599	4521	4528	4543	rVB2	127002	224250	8.68%	0.929%
95	15.744	4566	4573	4579	rBV2	180390	260809	10.09%	1.081%
96	16.451	4786	4793	4805	rBV	252377	474134	18.34%	1.964%
97	16.651	4850	4855	4863	rVB	402049	535510	20.72%	2.219%
98	16.699	4864	4870	4894	rVB	475074	833020	32.23%	3.451%
99	16.843	4909	4915	4926	rVB	390994	548463	21.22%	2.272%
100	16.905	4929	4934	4946	rVB	324625	472932	18.30%	1.959%

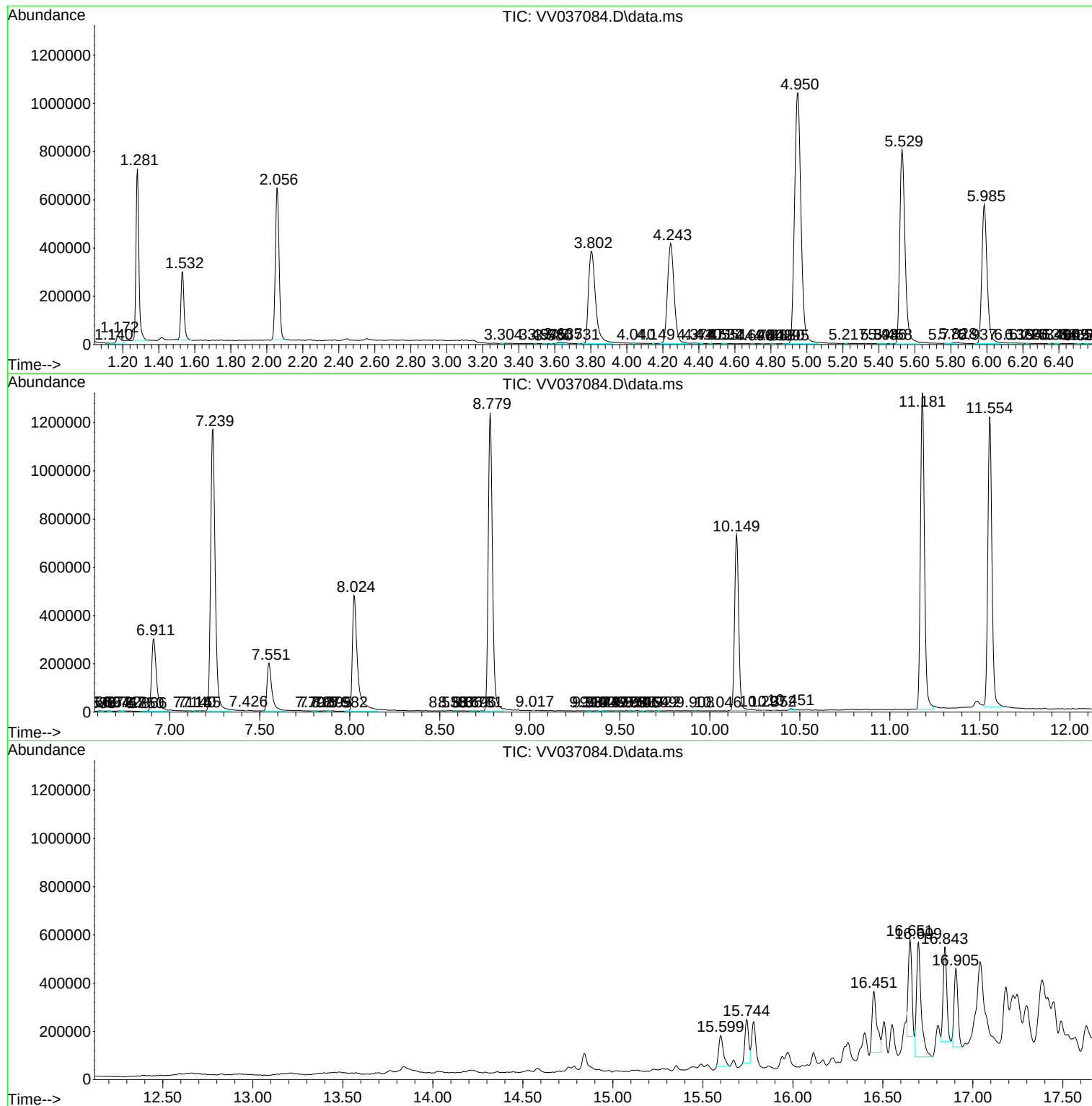
Sum of corrected areas: 24136414

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_V
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E1K63DL

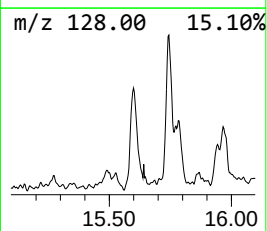
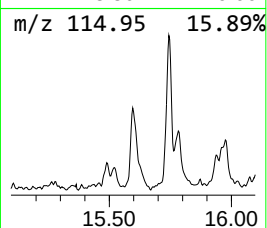
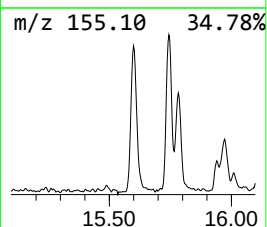
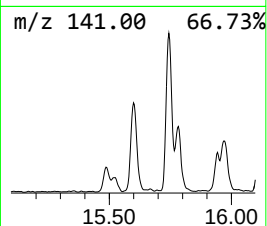
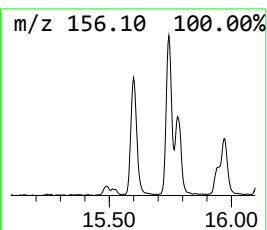
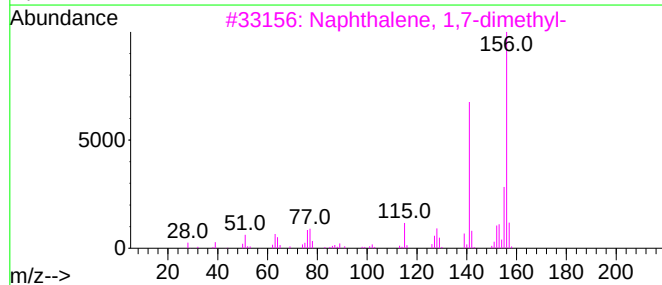
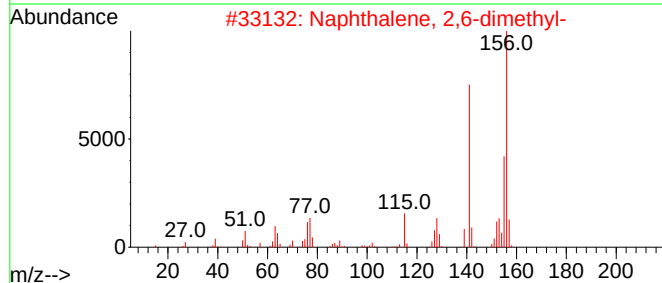
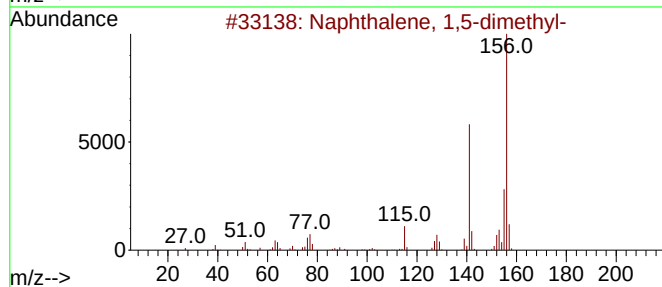
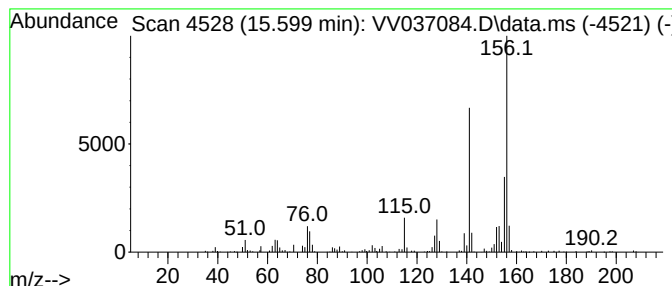
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.599	5.46 ug/L	224250	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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MSVOA_V
ClientSampleId :
E1K63DL

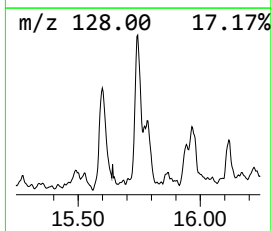
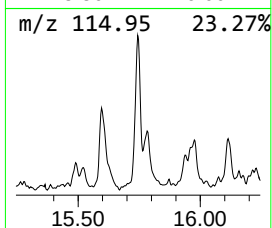
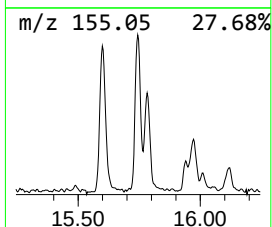
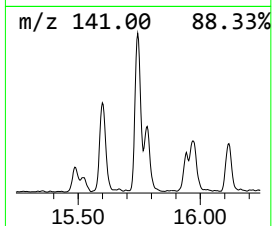
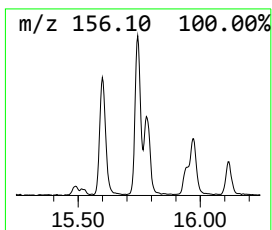
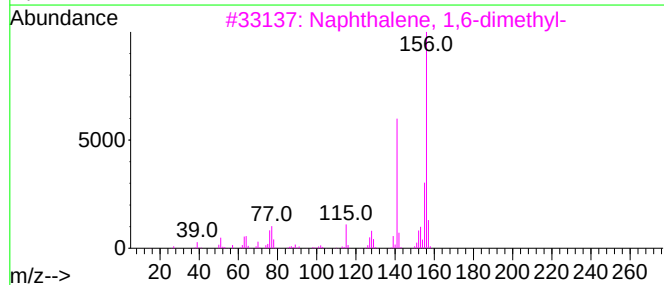
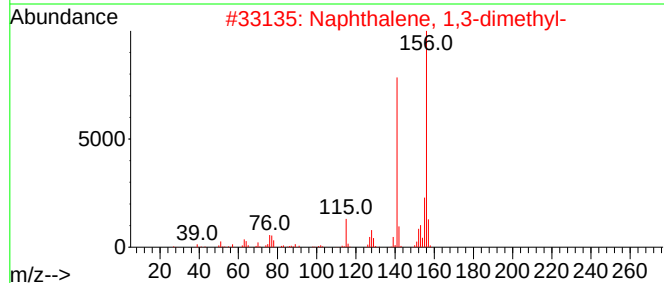
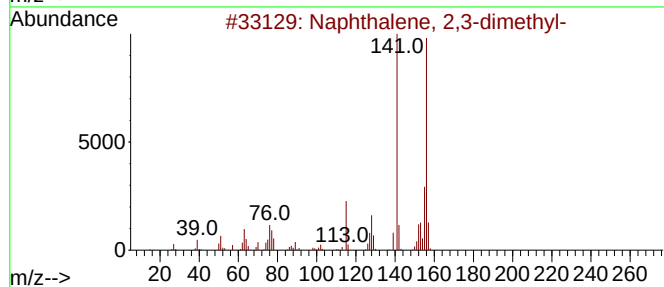
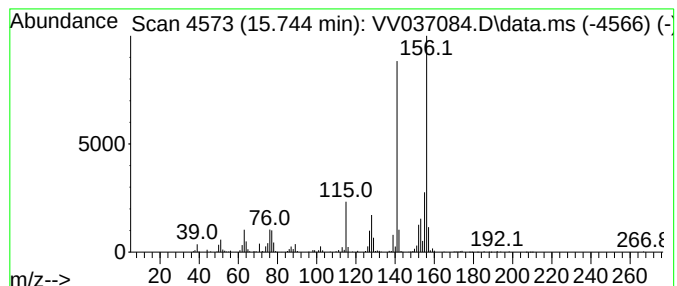
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.744	6.35 ug/L	260809	1,4-Dichlorobenzene-d4	11.181

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E1K63DL

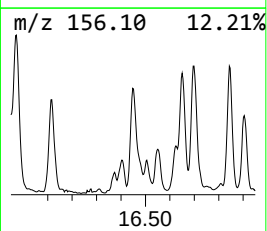
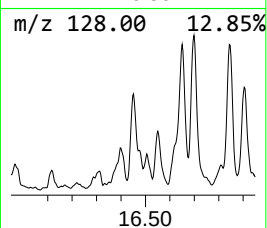
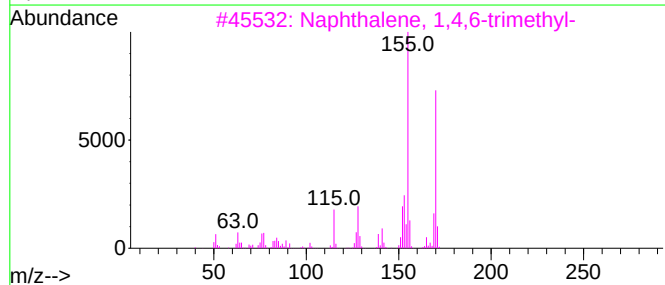
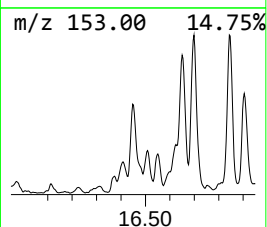
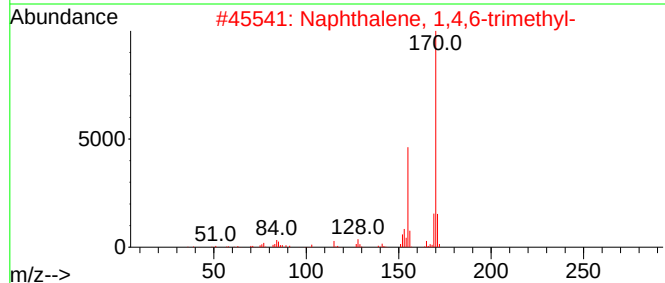
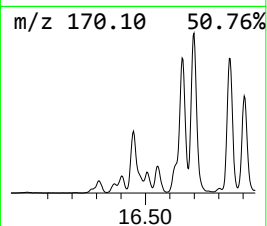
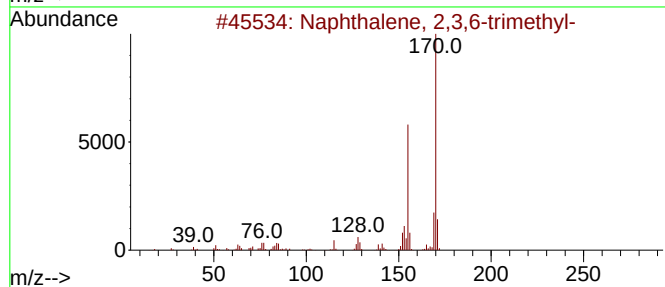
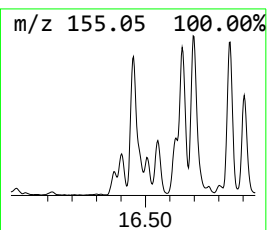
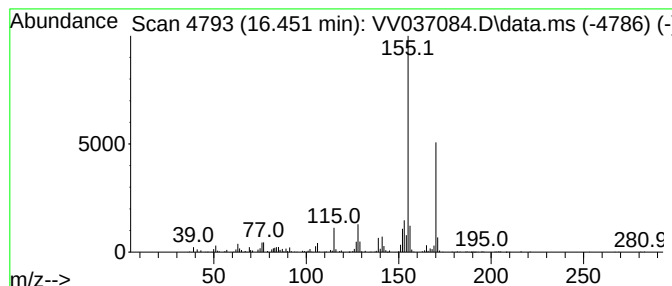
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 2-(1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.451	11.55 ug/L	474134	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037084.D
Acq On : 27 Aug 2024 14:31
Operator : SY/MD
Sample : P3691-20DL 40X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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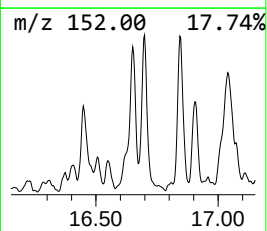
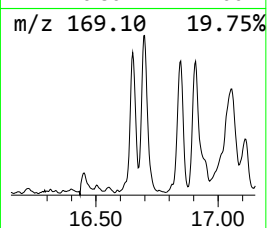
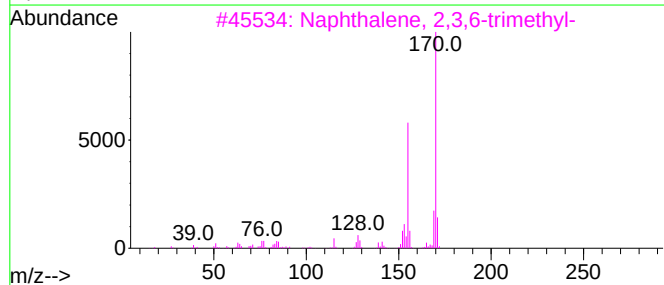
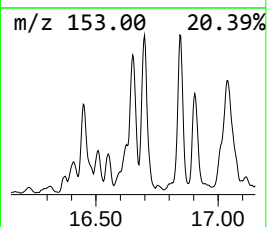
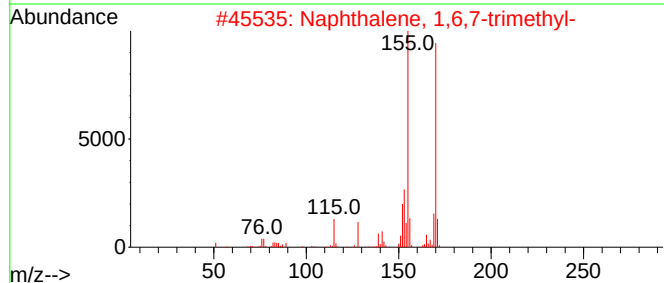
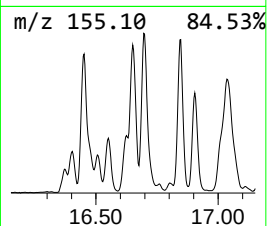
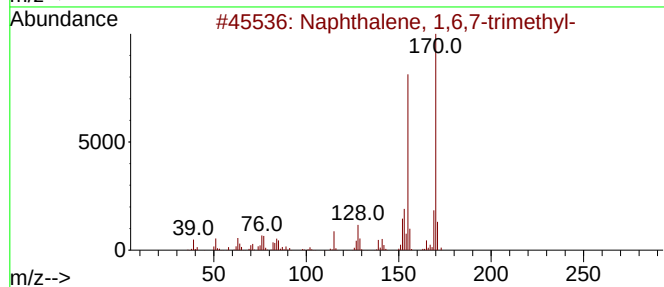
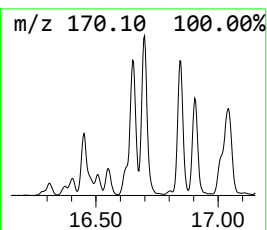
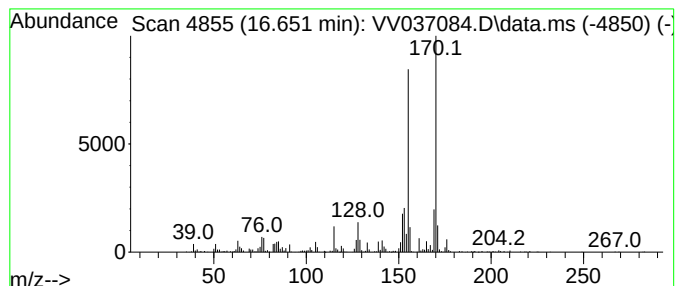
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.651	13.04 ug/L	535510	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037084.D
Acq On : 27 Aug 2024 14:31
Operator : SY/MD
Sample : P3691-20DL 40X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1K63DL

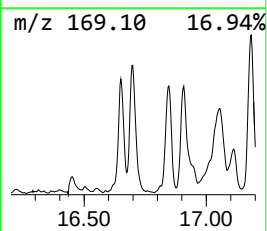
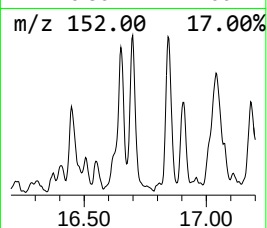
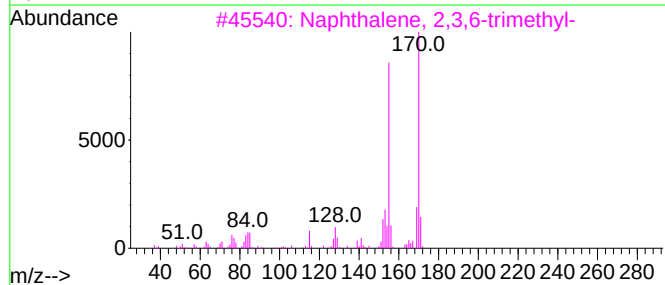
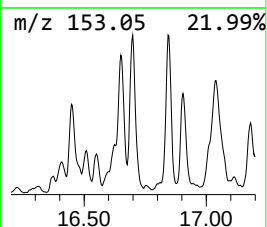
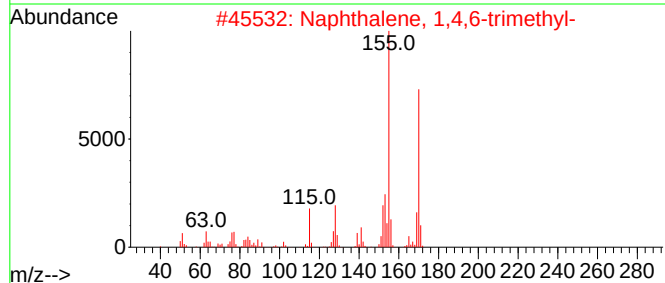
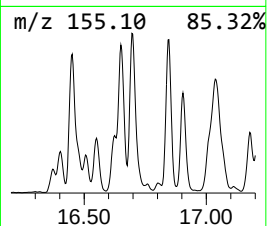
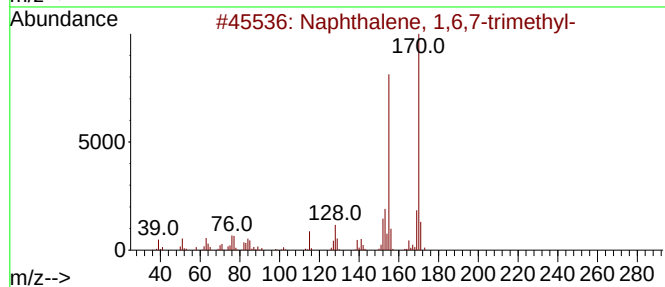
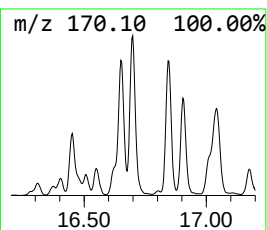
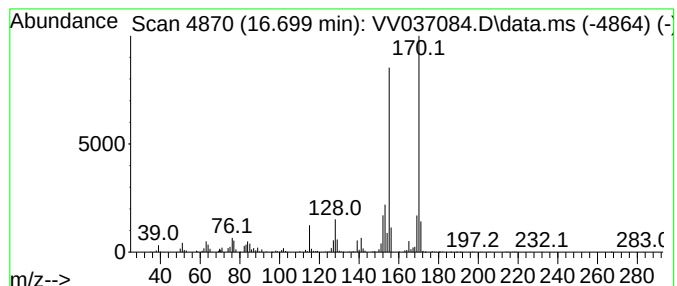
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.699	20.29 ug/L	833020	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037084.D
Acq On : 27 Aug 2024 14:31
Operator : SY/MD
Sample : P3691-20DL 40X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1K63DL

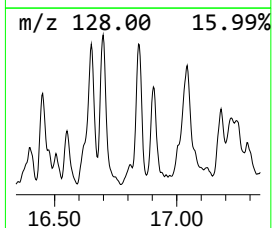
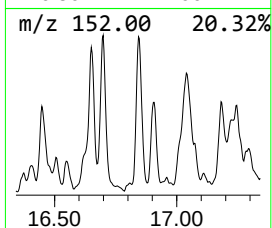
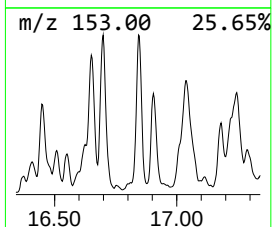
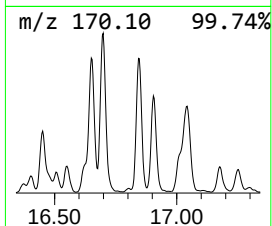
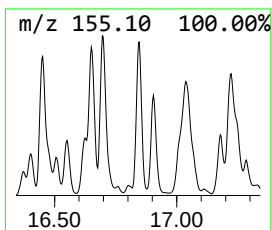
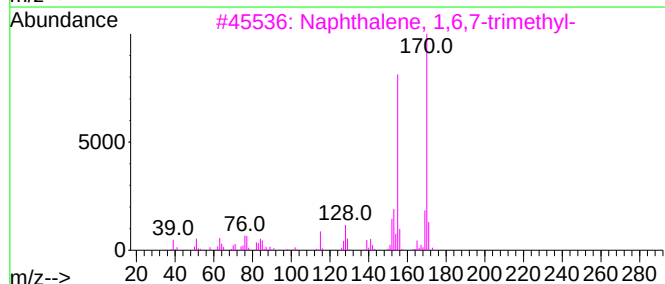
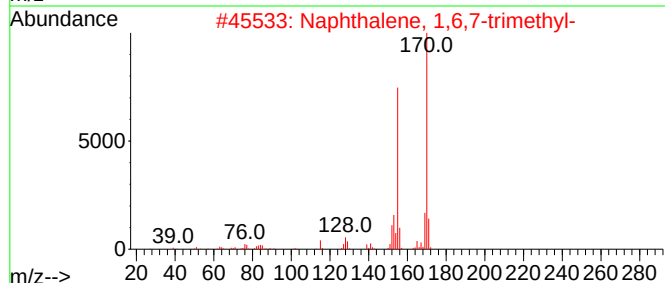
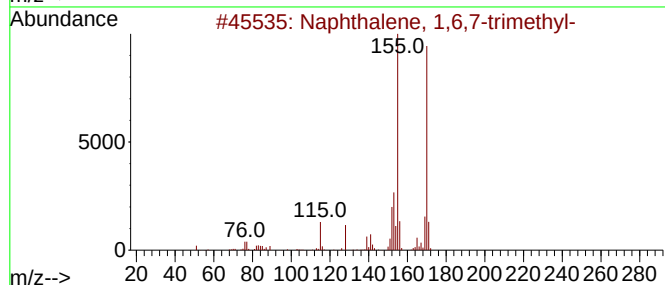
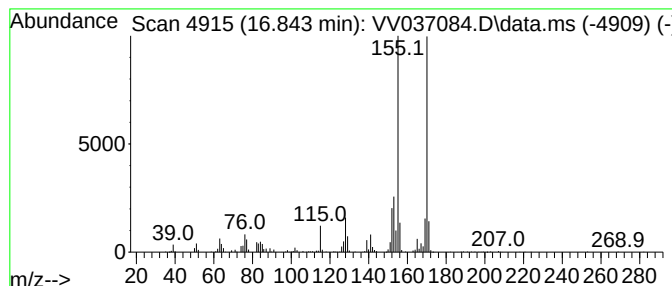
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.843	13.36 ug/L	548463	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037084.D
Acq On : 27 Aug 2024 14:31
Operator : SY/MD
Sample : P3691-20DL 40X
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1K63DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	15.599	5.5	ug/L	224250	3	11.181	2052610	50.0
Naphthalene, 2,...	15.744	6.3	ug/L	260809	3	11.181	2052610	50.0
Naphthalene, 2-...	16.451	11.6	ug/L	474134	3	11.181	2052610	50.0
Naphthalene, 1,...	16.651	13.0	ug/L	535510	3	11.181	2052610	50.0
Naphthalene, 1,...	16.699	20.3	ug/L	833020	3	11.181	2052610	50.0
Naphthalene, 2,...	16.843	13.4	ug/L	548463	3	11.181	2052610	50.0