

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060748.D
 Acq On : 15 Nov 2018 15:53
 Operator : VA/AP
 Sample : J5767-09
 Misc : 7.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-A

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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	2.225	159	162	171	rVB	28379	76561	4.51%	0.455%
2	3.024	242	243	251	rVB2	8932	20703	1.22%	0.123%
3	3.852	322	327	333	rVB	17967	48404	2.85%	0.288%
4	4.000	333	342	346	rBV	23805	86386	5.08%	0.513%
5	4.099	346	352	363	rVB2	141481	455755	26.82%	2.709%
6	4.849	420	428	442	rBV2	303557	1067521	62.82%	6.345%
7	5.588	496	503	515	rBV	363817	1001372	58.93%	5.952%
8	6.802	623	626	634	rVB4	5900	18047	1.06%	0.107%
9	7.137	655	660	665	rVB5	7197	21008	1.24%	0.125%
10	7.542	696	701	707	rBV	379460	898536	52.88%	5.341%
11	8.114	755	759	764	rBV5	6646	19273	1.13%	0.115%
12	8.271	770	775	780	rVB6	9891	28616	1.68%	0.170%
13	8.449	787	793	801	rBV3	12800	41491	2.44%	0.247%
14	8.952	840	844	849	rBV4	8116	25012	1.47%	0.149%
15	9.041	849	853	855	rVV4	7841	19846	1.17%	0.118%
16	9.100	855	859	866	rVB2	36689	100222	5.90%	0.596%
17	9.278	872	877	882	rBV2	28498	65507	3.86%	0.389%
18	9.495	895	899	906	rBV6	7027	22468	1.32%	0.134%
19	9.761	921	926	934	rVV	498888	1102199	64.86%	6.552%
20	9.879	934	938	943	rVB2	29738	71980	4.24%	0.428%
21	10.116	958	962	969	rVB	24211	55956	3.29%	0.333%
22	10.225	969	973	978	rBV6	7427	23278	1.37%	0.138%
23	10.343	980	985	990	rBV	11669	26907	1.58%	0.160%
24	10.471	994	998	1004	rBV2	16714	45180	2.66%	0.269%
25	10.659	1013	1017	1019	rBV	34151	65660	3.86%	0.390%
26	10.698	1019	1021	1025	rVV	28931	54090	3.18%	0.322%
27	10.777	1025	1029	1031	rVV3	13921	29164	1.72%	0.173%
28	11.024	1049	1054	1058	rBV4	19631	56670	3.33%	0.337%
29	11.112	1058	1063	1065	rVV2	36726	89972	5.29%	0.535%
30	11.152	1065	1067	1070	rVV	26319	43224	2.54%	0.257%
31	11.211	1070	1073	1076	rVV2	25446	63447	3.73%	0.377%
32	11.260	1076	1078	1082	rVB	52307	75620	4.45%	0.449%
33	11.398	1088	1092	1099	rBV	425615	759227	44.68%	4.513%
34	11.546	1104	1107	1110	rBV2	26381	49326	2.90%	0.293%

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35	11.704	1119	1123	1127	rVB	45936	94208	5.54%	0.560%
36	11.813	1131	1134	1138	rVB	52065	83258	4.90%	0.495%
37	11.882	1138	1141	1143	rBV2	16333	28186	1.66%	0.168%
38	11.941	1143	1147	1149	rBV3	13681	22439	1.32%	0.133%
39	11.990	1149	1152	1153	rBV2	38001	62306	3.67%	0.370%
40	12.059	1157	1159	1164	rVB2	36433	60230	3.54%	0.358%
41	12.138	1164	1167	1169	rBV2	24502	50402	2.97%	0.300%
42	12.197	1169	1173	1177	rVB	140237	229534	13.51%	1.364%
43	12.286	1178	1182	1184	rBV3	35193	63533	3.74%	0.378%
44	12.326	1184	1186	1188	rVB2	16510	21726	1.28%	0.129%
45	12.375	1188	1191	1193	rBV3	11512	19775	1.16%	0.118%
46	12.424	1193	1196	1198	rBV2	21937	43931	2.59%	0.261%
47	12.543	1204	1208	1212	rBV	812481	1197727	70.48%	7.119%
48	12.602	1212	1214	1217	rVB	86487	116489	6.86%	0.692%
49	12.710	1221	1225	1229	rBV	344450	527084	31.02%	3.133%
50	12.829	1233	1237	1241	rVB2	46978	109825	6.46%	0.653%
51	12.927	1241	1247	1249	rBV6	11914	31748	1.87%	0.189%
52	12.996	1252	1254	1258	rVB	26346	45024	2.65%	0.268%
53	13.085	1258	1263	1267	rBV3	31952	94906	5.59%	0.564%
54	13.144	1267	1269	1274	rBV	53261	80030	4.71%	0.476%
55	13.223	1274	1277	1281	rBV	32998	50561	2.98%	0.301%
56	13.283	1281	1283	1286	rVB4	17003	24908	1.47%	0.148%
57	13.411	1294	1296	1299	rVB	18165	21135	1.24%	0.126%
58	13.490	1301	1304	1306	rBV	45228	61318	3.61%	0.364%
59	13.529	1306	1308	1311	rBV	84398	117158	6.89%	0.696%
60	13.697	1322	1325	1329	rBV	121286	195825	11.52%	1.164%
61	13.845	1337	1340	1345	rBV2	208904	362645	21.34%	2.156%
62	13.963	1349	1352	1357	rVB	126725	227859	13.41%	1.354%
63	14.042	1357	1360	1361	rBV	58308	88836	5.23%	0.528%
64	14.072	1361	1363	1367	rVV	146905	256219	15.08%	1.523%
65	14.141	1367	1370	1373	rVV4	29496	67351	3.96%	0.400%
66	14.210	1375	1377	1383	rVB4	35981	70002	4.12%	0.416%
67	14.397	1393	1396	1397	rVV2	15160	29814	1.75%	0.177%
68	14.447	1397	1401	1407	rVV	867325	1285037	75.62%	7.638%
69	14.525	1407	1409	1413	rVV2	22029	47524	2.80%	0.282%
70	14.585	1413	1415	1418	rVV	43023	62008	3.65%	0.369%
71	14.733	1426	1430	1434	rVV3	57722	115258	6.78%	0.685%

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72	14.821	1434	1439	1440	rVV2	27095	50966	3.00%	0.303%
73	14.851	1440	1442	1446	rVV3	47948	143078	8.42%	0.850%
74	14.900	1446	1447	1450	rVV	42453	55613	3.27%	0.331%
75	14.959	1450	1453	1454	rVV	19766	30463	1.79%	0.181%
76	14.989	1454	1456	1460	rVB3	21335	34490	2.03%	0.205%
77	15.107	1464	1468	1471	rBV4	20402	51285	3.02%	0.305%
78	15.157	1471	1473	1475	rVB3	11002	16995	1.00%	0.101%
79	15.206	1475	1478	1481	rBV	33152	47545	2.80%	0.283%
80	15.275	1481	1485	1491	rBV	1088017	1663836	97.91%	9.890%
81	15.394	1494	1497	1506	rVB	1004068	1699273	100.00%	10.101%
82	15.561	1511	1514	1516	rVV4	11248	20049	1.18%	0.119%
83	15.630	1518	1521	1525	rVB4	14879	25505	1.50%	0.152%
84	15.778	1533	1536	1539	rBV	39451	59132	3.48%	0.351%
85	15.946	1548	1553	1554	rBV	25781	47144	2.77%	0.280%
86	15.985	1554	1557	1565	rVB	100408	183536	10.80%	1.091%

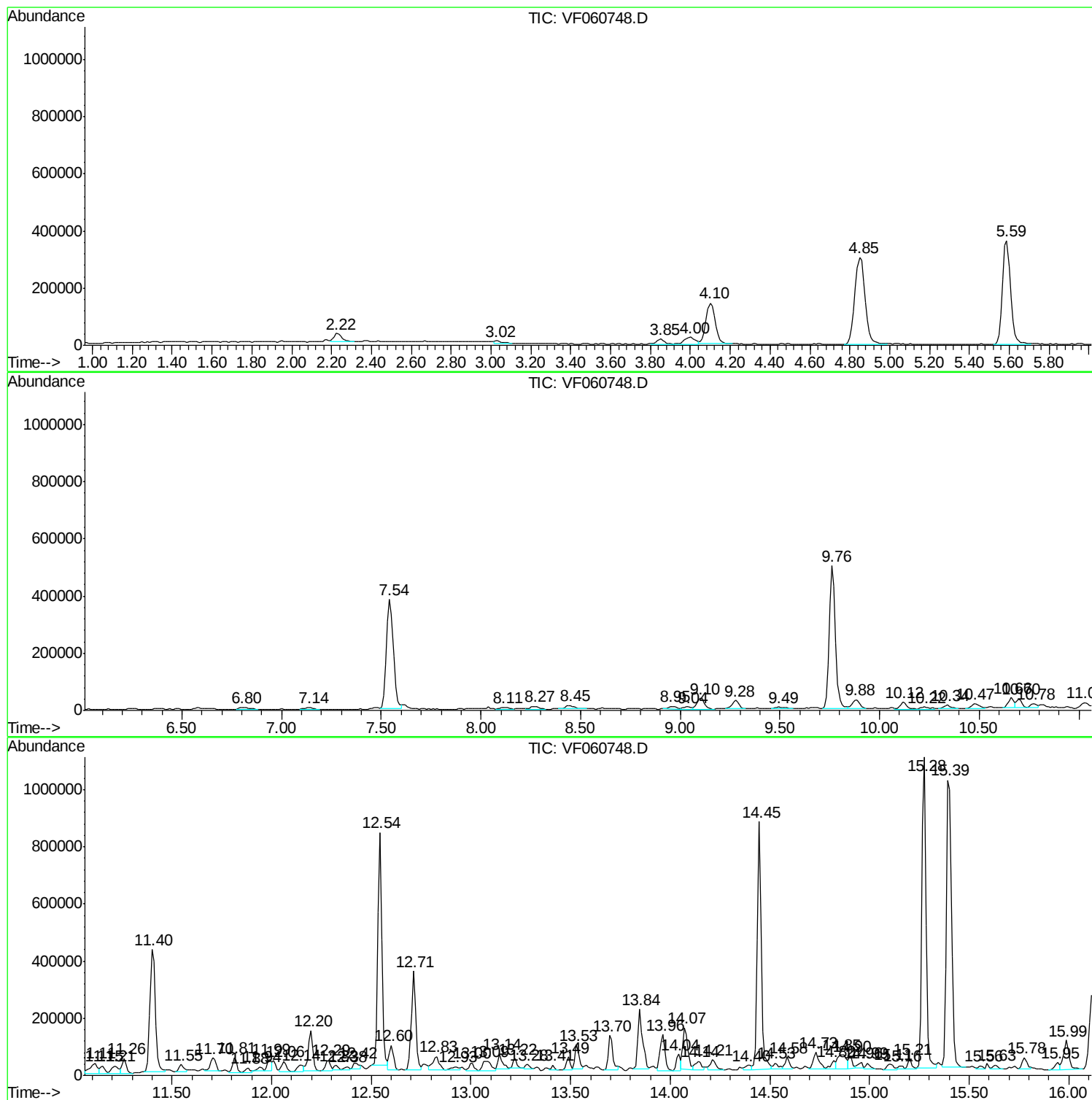
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Quant Title : SW846 8260

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



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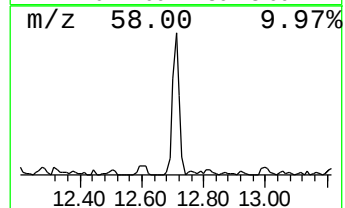
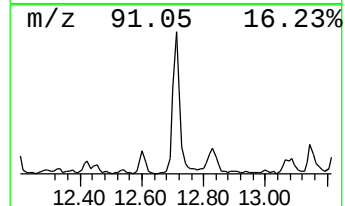
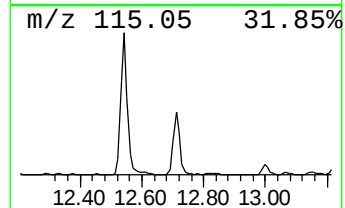
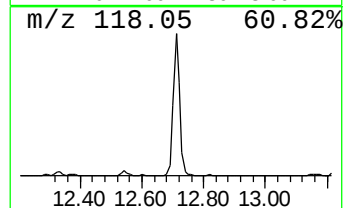
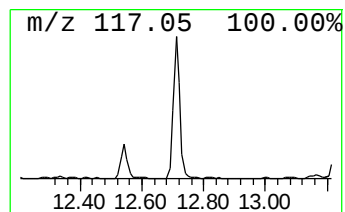
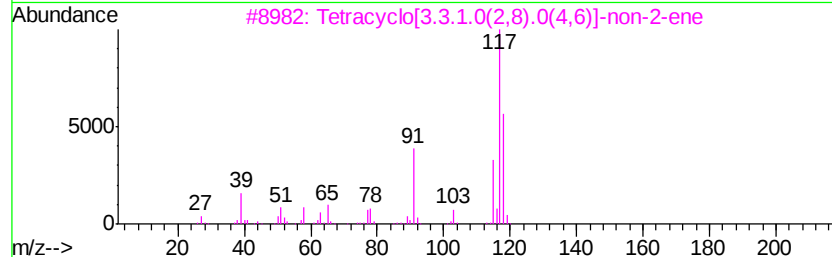
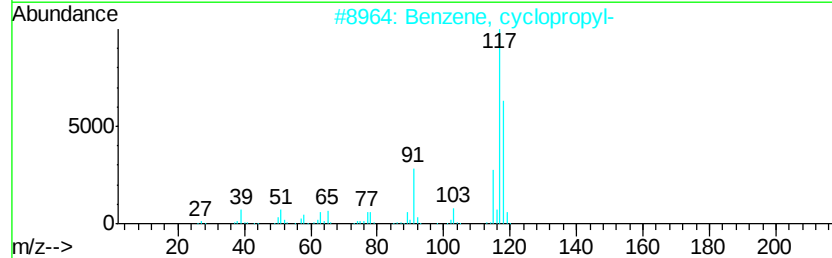
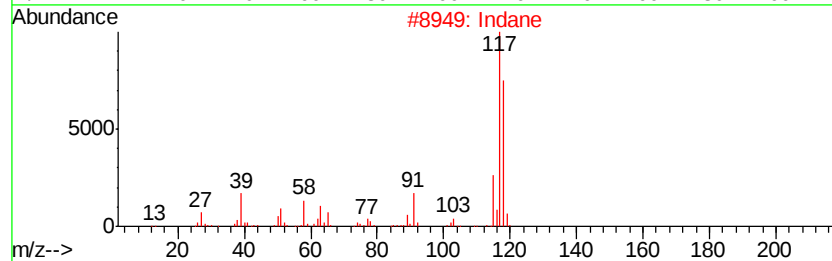
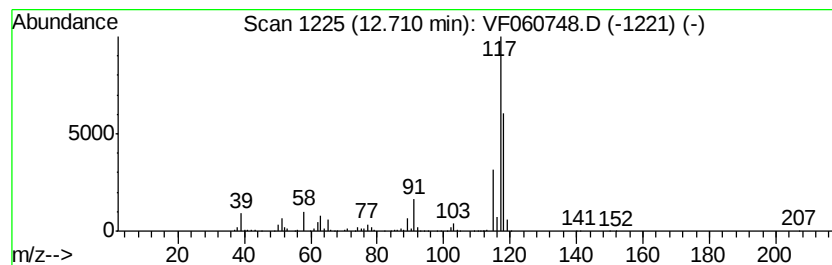
Instrument :
MSV0A_F
ClientSampleId :
CL-01-111418-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	22.00 ug/l	527084	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 96
2	Benzene, cyclopropyl-		118 C9H10	000873-49-4 76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118 C9H10	1000191-13-7 74
4	Benzene, 1-ethenyl-3-methyl-		118 C9H10	000100-80-1 72
5	Benzene, 1-propenyl-		118 C9H10	000637-50-3 72



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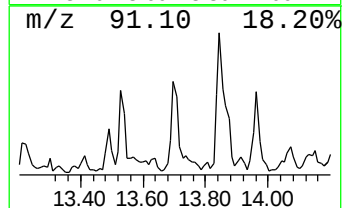
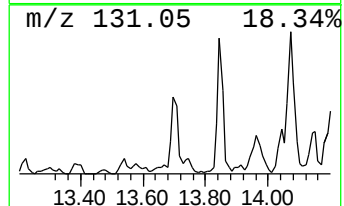
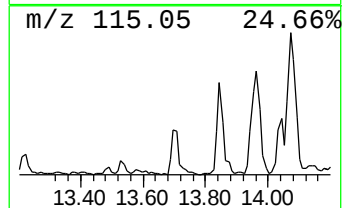
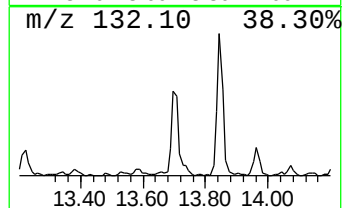
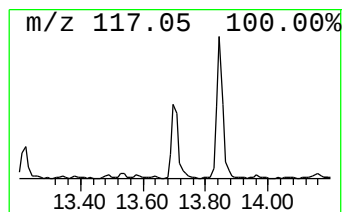
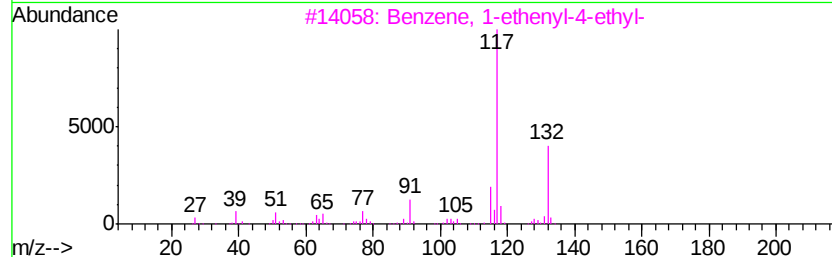
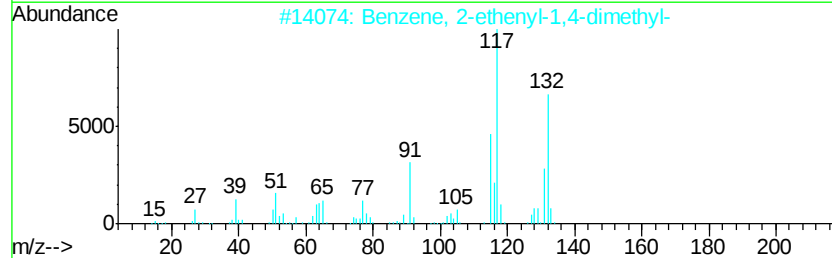
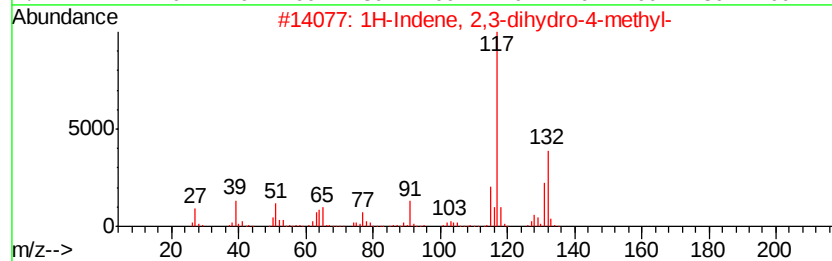
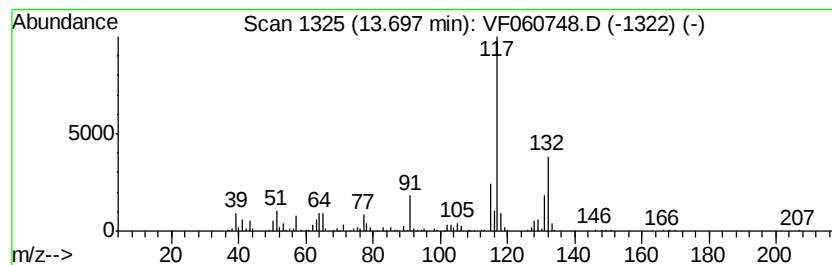
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.17 ug/l	195825	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	90



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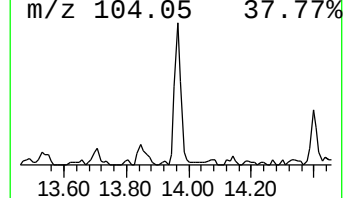
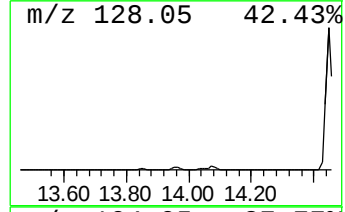
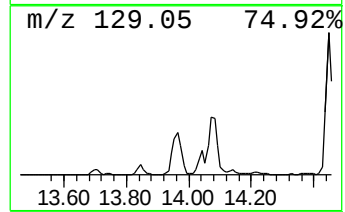
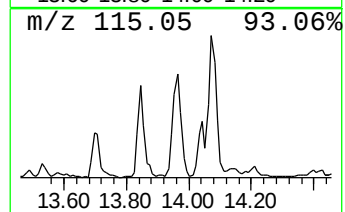
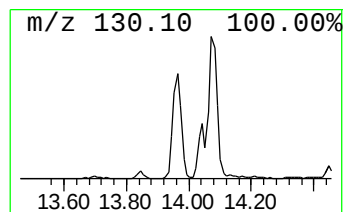
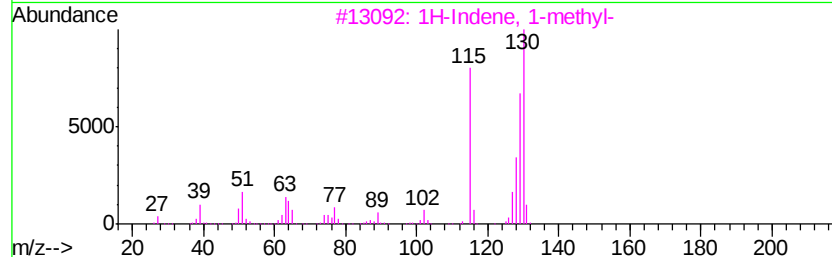
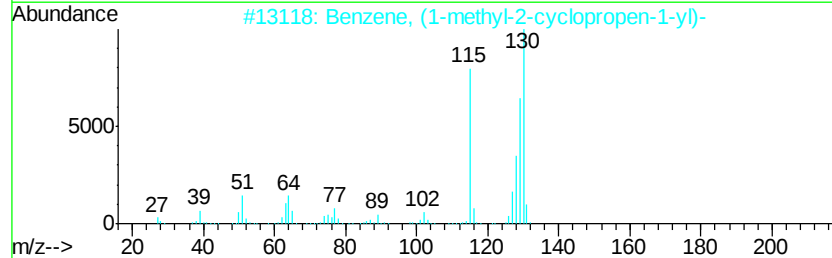
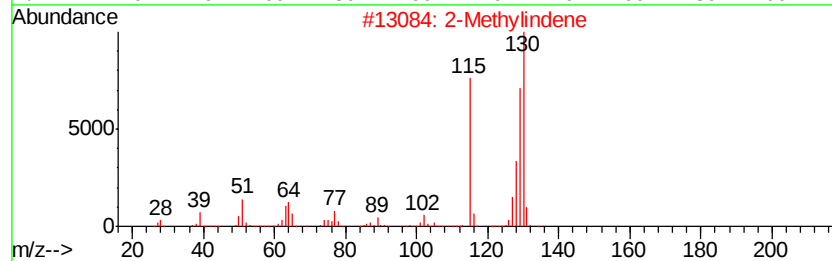
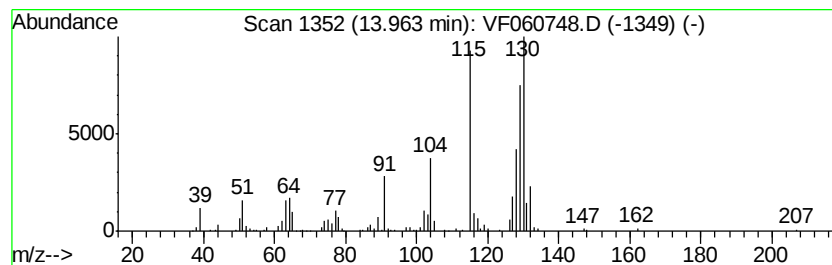
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Peak Number 4 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	9.51 ug/l	227859	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	95
3	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	95
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130 C10H10	034324-40-8	90
5	1H-Indene, 3-methyl-	130 C10H10	000767-60-2	89



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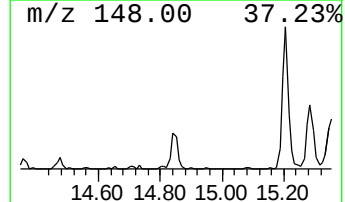
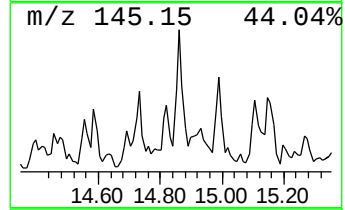
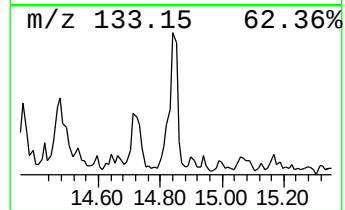
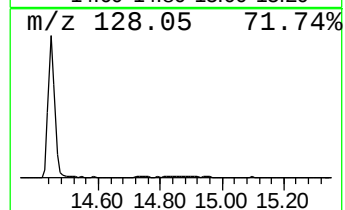
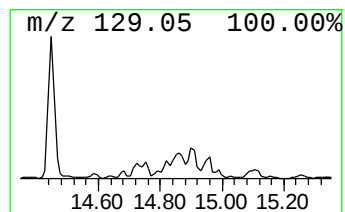
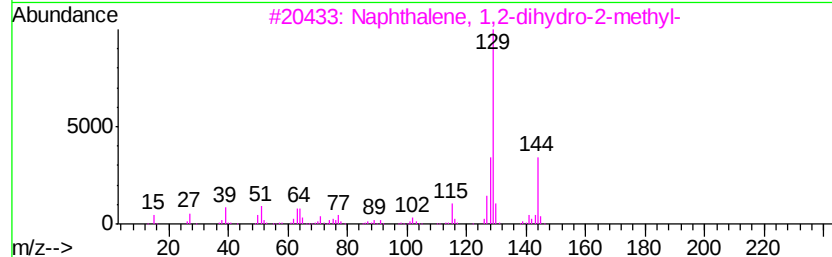
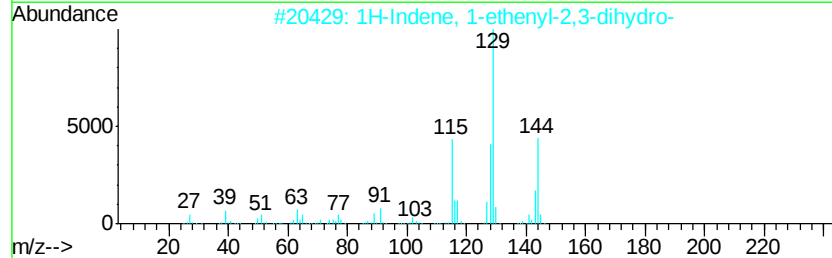
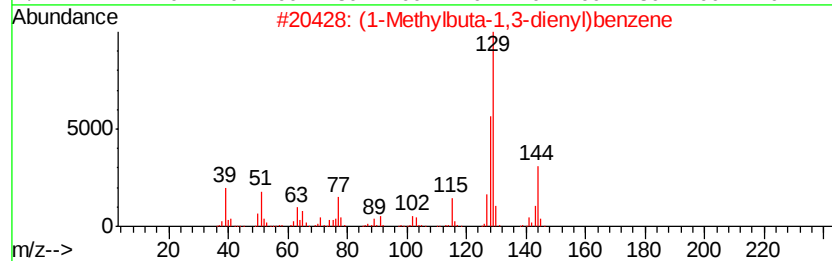
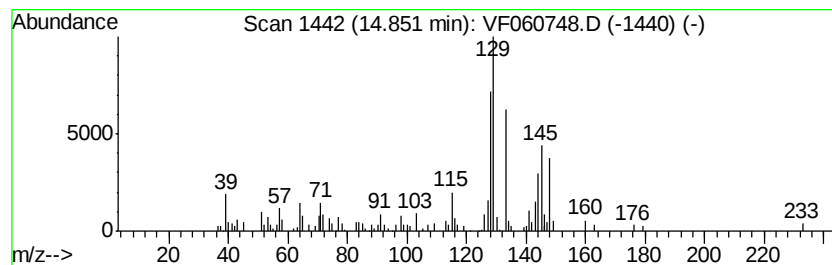
Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.97 ug/l	143078	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(1-Methylbuta-1,3-dienyl)benzene	144 C11H12	054758-36-0 46
2		1H-Indene, 1-ethenyl-2,3-dihydro-	144 C11H12	051783-46-1 43
3		Naphthalene, 1,2-dihydro-2-methyl-	144 C11H12	021564-79-4 38
4		(1-Methylenebut-2-enyl)benzene	144 C11H12	070588-46-4 32
5		1,3-Disilacyclobutane, 1,1,3,3-t...	144 C6H16Si2	001627-98-1 27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060748.D
Acq On : 15 Nov 2018 15:53
Operator : VA/AP
Sample : J5767-09
Misc : 7.95g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-A

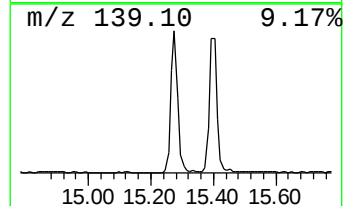
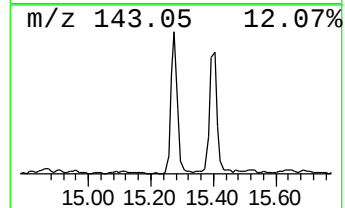
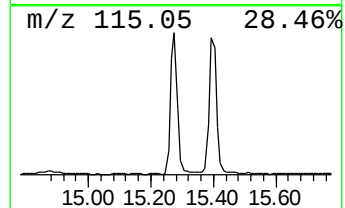
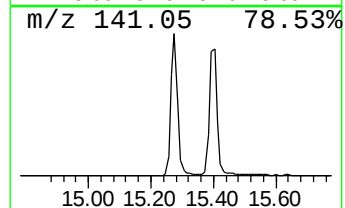
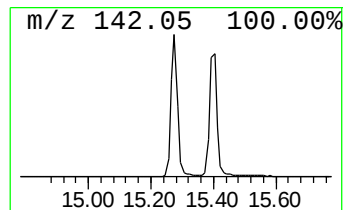
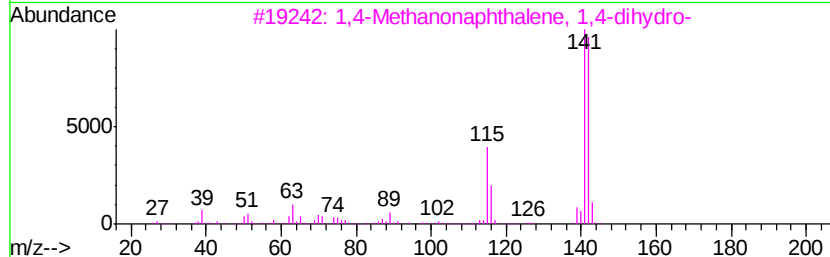
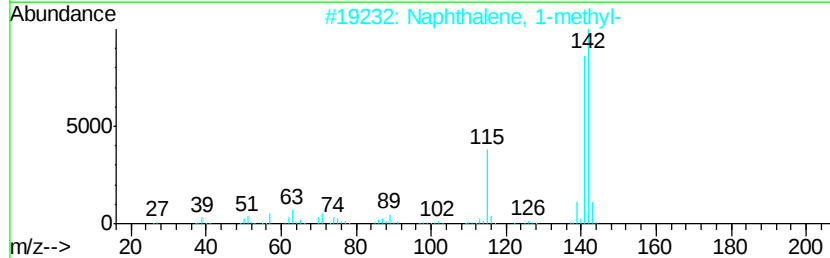
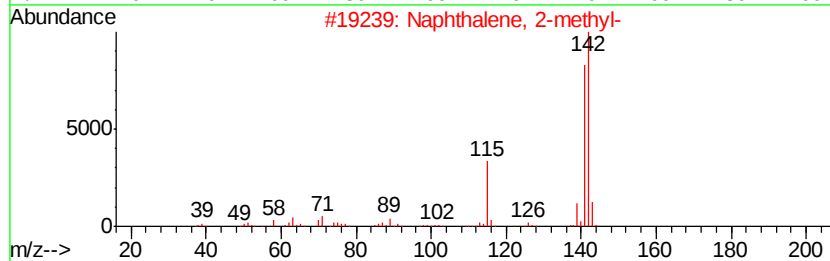
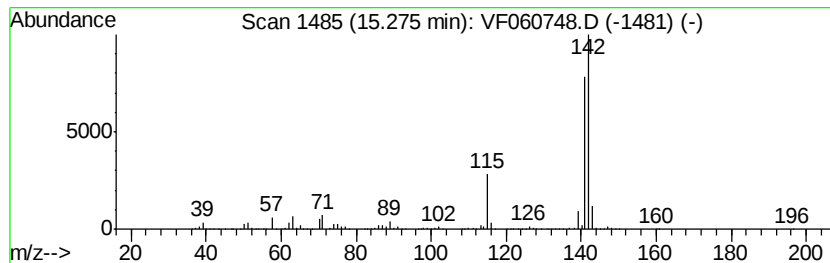
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	69.46 ug/l	1663840	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060748.D
Acq On : 15 Nov 2018 15:53
Operator : VA/AP
Sample : J5767-09
Misc : 7.95g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-A

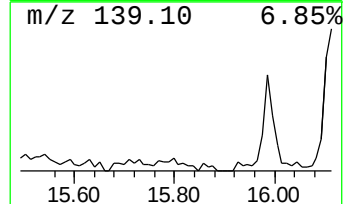
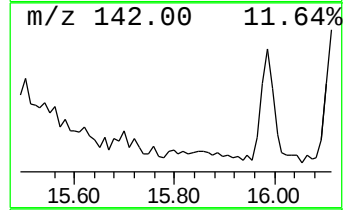
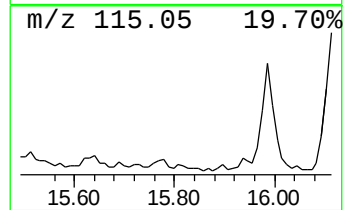
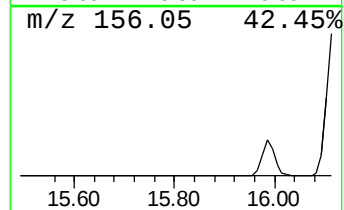
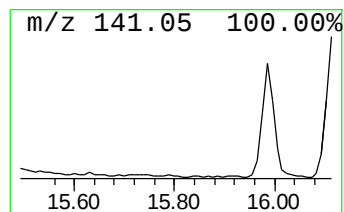
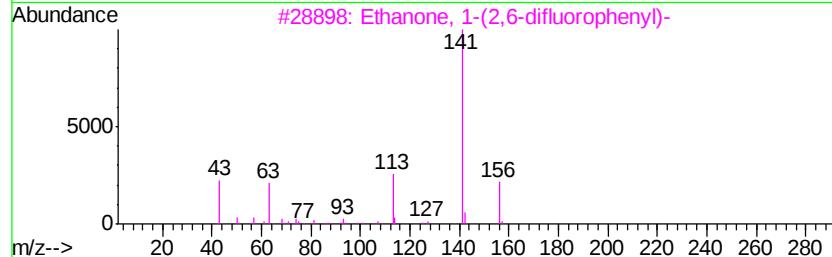
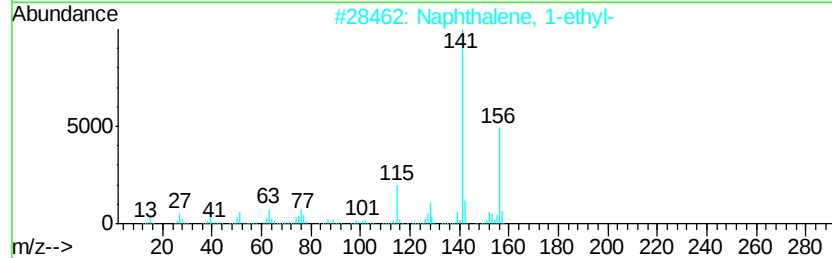
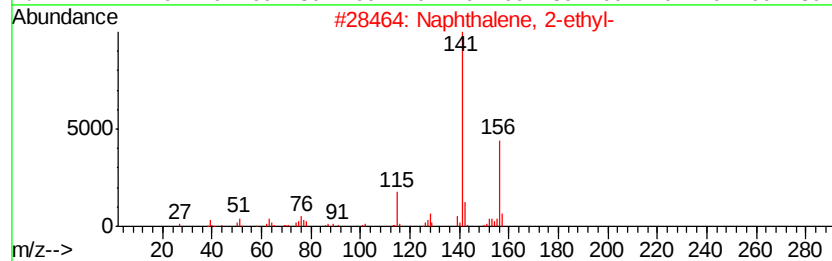
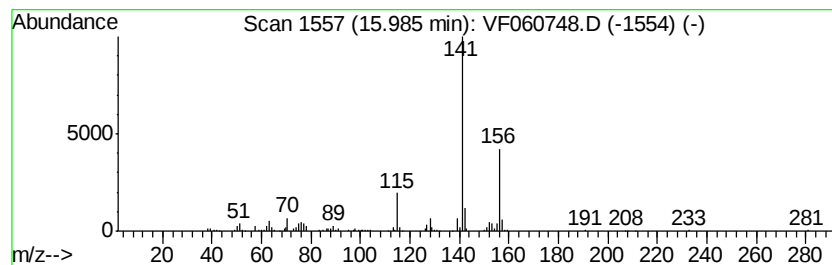
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	7.66 ug/l	183536	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	83
3		Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	58
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
5		Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060748.D
Acq On : 15 Nov 2018 15:53
Operator : VA/AP
Sample : J5767-09
Misc : 7.95g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	12.71	22.0	ug/l	527084	4	12.54	1197730	50.0
1H-Indene, 2,3-di...	13.70	8.2	ug/l	195825	4	12.54	1197730	50.0
2-Methylindene	13.96	9.5	ug/l	227859	4	12.54	1197730	50.0
unknown14.85	14.85	6.0	ug/l	143078	4	12.54	1197730	50.0
Naphthalene, 1-me...	15.28	69.5	ug/l	1663840	4	12.54	1197730	50.0
Naphthalene, 2-et...	15.99	7.7	ug/l	183536	4	12.54	1197730	50.0