

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
 Data File : VW023987.D
 Acq On : 21 Jul 2022 17:18
 Operator : SY/VA
 Sample : N3709-08
 Misc : 6.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B24

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\SFAMWLM071322SMA.M
 Title : SFAM01.0

Signal : TIC: VW023987.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.239	47	55	56	rBV7	10119	20980	2.12%	0.206%
2	2.337	66	71	80	rVB	120912	199599	20.17%	1.958%
3	2.873	153	159	169	rVB	81522	167466	16.92%	1.643%
4	4.007	334	345	358	rBV2	85777	284211	28.72%	2.788%
5	4.123	359	364	372	rVB	18396	47694	4.82%	0.468%
6	4.373	400	405	406	rBV5	1696	2163	0.22%	0.021%
7	4.903	480	492	493	rBV9	17257	33301	3.37%	0.327%
8	5.452	578	582	584	rVB4	1357	1669	0.17%	0.016%
9	5.684	618	620	625	rVB6	1067	1326	0.13%	0.013%
10	5.934	652	661	668	rVV6	9196	27321	2.76%	0.268%
11	6.001	671	672	676	rVB4	1218	1274	0.13%	0.012%
12	6.190	700	703	710	rVB9	1244	2140	0.22%	0.021%
13	6.318	721	724	729	rVB5	1314	2019	0.20%	0.020%
14	6.781	795	800	801	rBV5	958	1460	0.15%	0.014%
15	6.982	828	833	834	rBV5	1178	1934	0.20%	0.019%
16	7.086	841	850	858	rBV2	38041	112476	11.37%	1.103%
17	7.385	896	899	905	rVB6	1051	1810	0.18%	0.018%
18	7.647	931	942	955	rVB	211303	514685	52.01%	5.048%
19	7.946	986	991	993	rBV6	2742	3481	0.35%	0.034%
20	8.147	1020	1024	1029	rVB8	1397	2594	0.26%	0.025%
21	8.214	1029	1035	1036	rBV5	1430	1615	0.16%	0.016%
22	8.275	1036	1045	1062	rBV2	302169	989624	100.00%	9.707%
23	8.616	1100	1101	1104	rVB2	1623	1371	0.14%	0.013%
24	8.695	1109	1114	1118	rVB7	2488	3827	0.39%	0.038%
25	8.842	1127	1138	1148	rBV	412936	798955	80.73%	7.836%
26	8.951	1154	1156	1159	rVB4	1636	1689	0.17%	0.017%
27	9.073	1170	1176	1185	rBV6	7748	18443	1.86%	0.181%
28	9.275	1200	1209	1216	rBV	271261	549553	55.53%	5.390%
29	9.616	1261	1265	1267	rVB5	1344	1783	0.18%	0.017%
30	9.665	1267	1273	1276	rBV8	2555	5136	0.52%	0.050%
31	9.750	1282	1287	1288	rBV5	2458	3618	0.37%	0.035%
32	9.896	1305	1311	1314	rBV7	2398	4598	0.46%	0.045%
33	9.957	1316	1321	1323	rBV6	1619	2352	0.24%	0.023%
34	10.037	1327	1334	1341	rBV	117456	210311	21.25%	2.063%
35	10.122	1346	1348	1352	rVB5	2611	3675	0.37%	0.036%
36	10.201	1357	1361	1364	rBV5	1763	2593	0.26%	0.025%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Title : SFAM01.0

37	10.244	1364	1368	1373	rBV6	2514	3779	0.38%	0.037%
38	10.323	1373	1381	1388	rBV	438111	783750	79.20%	7.687%
39	10.384	1388	1391	1398	rVB2	9115	16439	1.66%	0.161%
40	10.506	1406	1411	1416	rVB7	4690	8759	0.89%	0.086%
41	10.579	1416	1423	1432	rBV	80231	143574	14.51%	1.408%
42	10.665	1432	1437	1440	rBV7	5350	7997	0.81%	0.078%
43	10.756	1446	1452	1453	rBV6	3878	5537	0.56%	0.054%
44	10.847	1462	1467	1473	rVV9	2217	5065	0.51%	0.050%
45	10.927	1473	1480	1489	rBV	163416	288406	29.14%	2.829%
46	11.024	1495	1496	1499	rBV3	1654	1915	0.19%	0.019%
47	11.103	1505	1509	1512	rBV6	3004	5275	0.53%	0.052%
48	11.140	1512	1515	1517	rVV4	2256	3353	0.34%	0.033%
49	11.177	1517	1521	1525	rVV3	10683	15709	1.59%	0.154%
50	11.232	1525	1530	1535	rVB3	10871	19197	1.94%	0.188%
51	11.280	1536	1538	1541	rVB4	1587	1294	0.13%	0.013%
52	11.335	1542	1547	1551	rVB7	4410	7138	0.72%	0.070%
53	11.384	1551	1555	1556	rBV4	2055	3000	0.30%	0.029%
54	11.402	1556	1558	1559	rBV2	2894	2796	0.28%	0.027%
55	11.512	1572	1576	1580	rBV4	6168	9100	0.92%	0.089%
56	11.628	1587	1595	1606	rBV	523506	933504	94.33%	9.156%
57	11.719	1606	1610	1614	rBV6	5384	9395	0.95%	0.092%
58	11.768	1614	1618	1620	rVB4	5200	6545	0.66%	0.064%
59	11.841	1620	1630	1641	rBV2	64169	174952	17.68%	1.716%
60	11.975	1647	1652	1655	rBV6	4811	7477	0.76%	0.073%
61	12.036	1655	1662	1663	rBV6	3974	8443	0.85%	0.083%
62	12.140	1671	1679	1689	rBV7	28113	89184	9.01%	0.875%
63	12.341	1701	1712	1715	rBV5	38113	99254	10.03%	0.974%
64	12.463	1727	1732	1736	rVB	46062	75597	7.64%	0.741%
65	12.603	1751	1755	1761	rVB2	26353	52883	5.34%	0.519%
66	12.689	1763	1769	1778	rBV	246567	475744	48.07%	4.666%
67	12.780	1780	1784	1785	rBV2	44182	55283	5.59%	0.542%
68	12.859	1793	1797	1801	rBV6	15741	27005	2.73%	0.265%
69	12.920	1801	1807	1822	rVB2	240934	499269	50.45%	4.897%
70	13.048	1822	1828	1831	rBV2	31369	57484	5.81%	0.564%
71	13.176	1844	1849	1850	rBV5	16772	26539	2.68%	0.260%
72	13.249	1856	1861	1866	rBV	117607	184567	18.65%	1.810%
73	13.377	1879	1882	1884	rBV3	18530	26882	2.72%	0.264%
74	13.554	1905	1911	1925	rBV2	475379	958737	96.88%	9.404%
75	13.755	1940	1944	1952	rVV4	21722	38882	3.93%	0.381%
76	13.853	1953	1960	1970	rVB	345663	628219	63.48%	6.162%

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 Title : SFAM01.0

77	13.944	1972	1975	1980	rVB	19956	30538	3.09%	0.300%
78	14.012	1982	1986	1988	rVV2	18539	26971	2.73%	0.265%
79	14.066	1992	1995	1997	rVV2	32969	54318	5.49%	0.533%
80	14.091	1997	1999	2006	rVB	49371	69079	6.98%	0.678%
81	14.201	2013	2017	2023	rVB4	28923	51303	5.18%	0.503%
82	14.329	2034	2038	2044	rBV5	10395	19747	2.00%	0.194%
83	14.389	2044	2048	2049	rVV4	4997	7977	0.81%	0.078%
84	14.414	2049	2052	2055	rVV2	19586	28496	2.88%	0.279%
85	14.450	2056	2058	2063	rVB	20378	26171	2.64%	0.257%
86	14.493	2063	2065	2068	rBV4	3631	2918	0.29%	0.029%
87	14.633	2084	2088	2092	rVB7	2941	5363	0.54%	0.053%
88	14.682	2092	2096	2100	rBV5	6233	11292	1.14%	0.111%
89	14.798	2108	2115	2121	rBV5	14552	34926	3.53%	0.343%
90	14.950	2137	2140	2145	rVB7	2099	3286	0.33%	0.032%
91	15.048	2152	2156	2157	rBV4	2788	3464	0.35%	0.034%
92	15.267	2189	2192	2193	rBV3	1462	1463	0.15%	0.014%
93	15.371	2203	2209	2210	rBV6	2053	3407	0.34%	0.033%
94	15.481	2220	2227	2231	rBV7	3239	5045	0.51%	0.049%
95	15.584	2242	2244	2247	rBV4	1152	1386	0.14%	0.014%
96	15.786	2273	2277	2279	rBV5	2274	3139	0.32%	0.031%
97	15.932	2298	2301	2304	rBV4	1142	1763	0.18%	0.017%
98	16.188	2340	2343	2346	rBV5	1364	1751	0.18%	0.017%
99	16.267	2353	2356	2359	rBV5	1415	1372	0.14%	0.013%
100	16.316	2359	2364	2365	rBV5	2260	3546	0.36%	0.035%

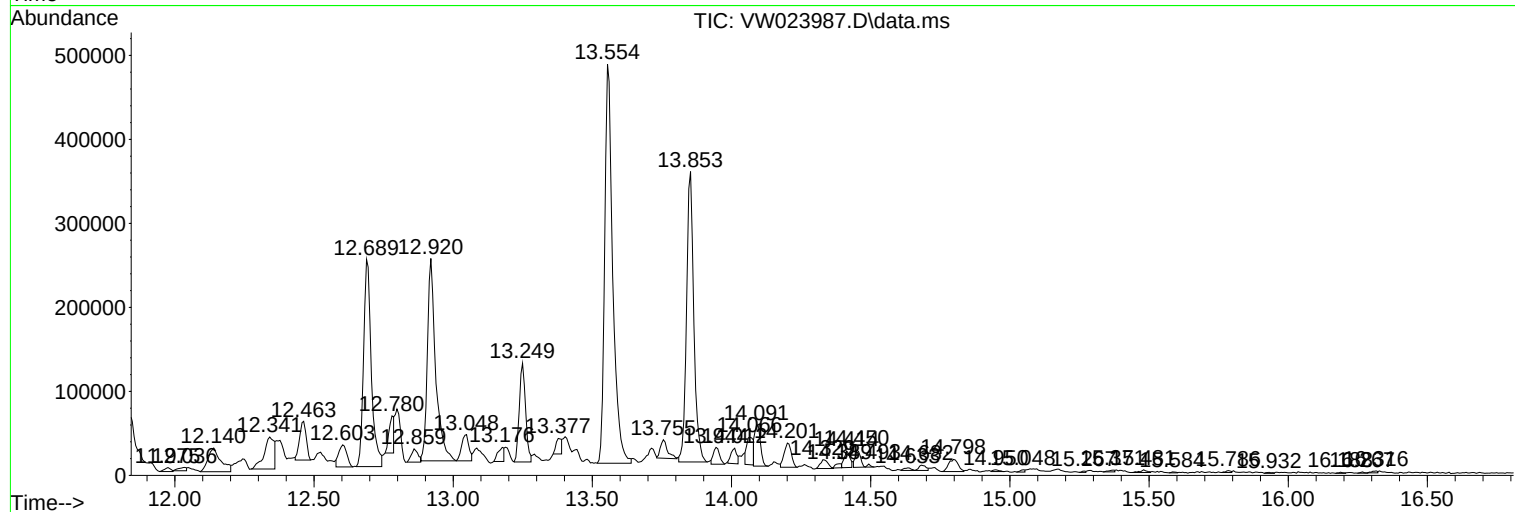
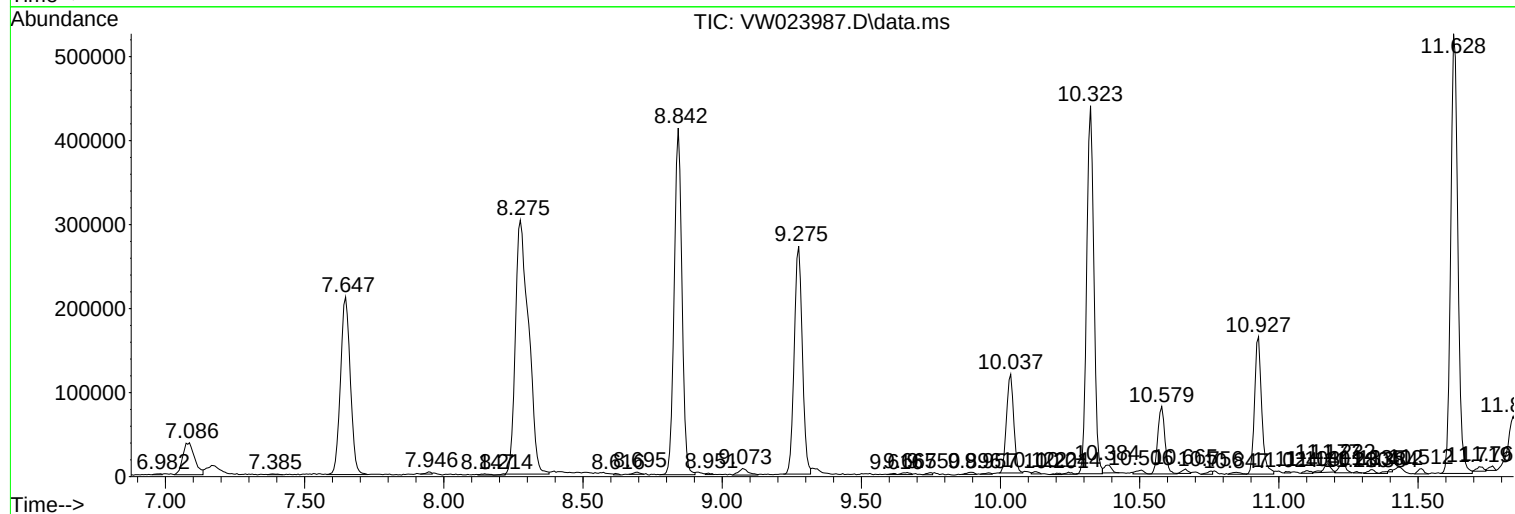
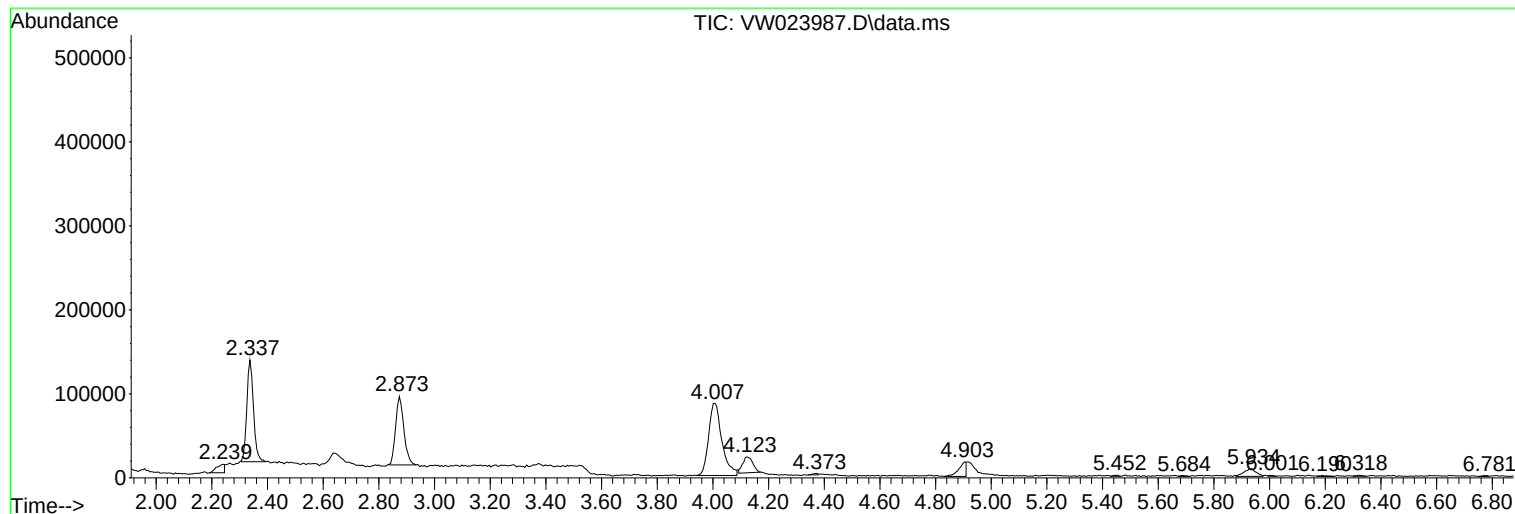
Sum of corrected areas: 10195395

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Instrument :
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ClientSampleId :
H0B24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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



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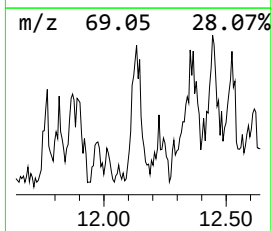
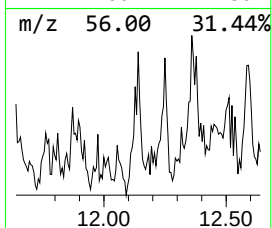
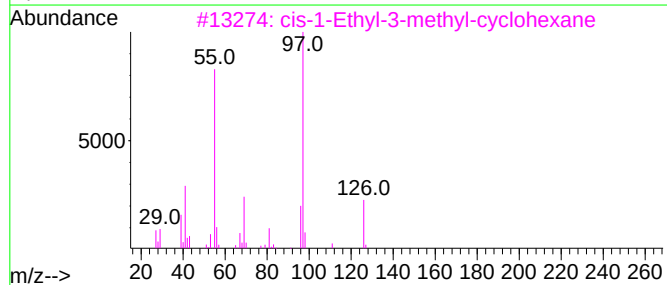
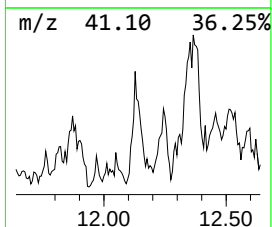
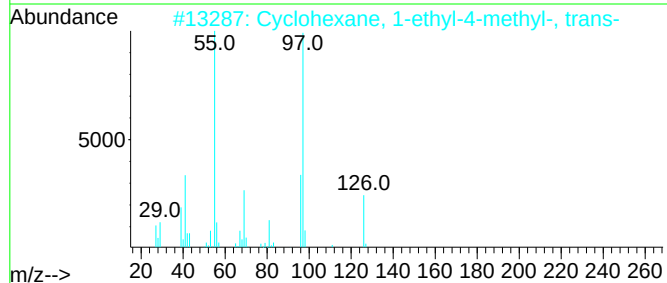
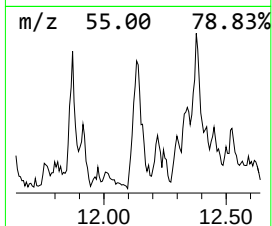
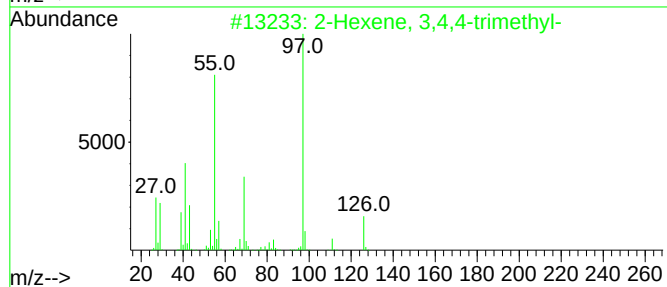
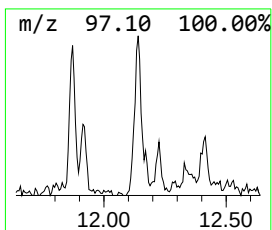
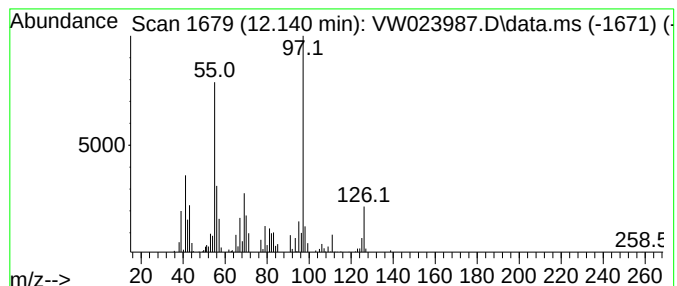
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	2.39 ug/L	89184	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	68	
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64	
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64	
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64	
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58	



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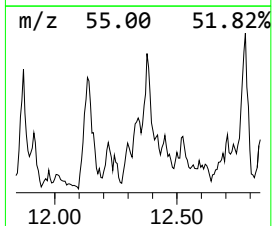
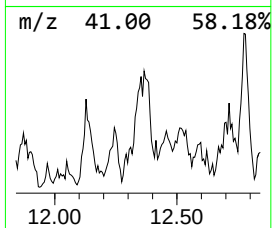
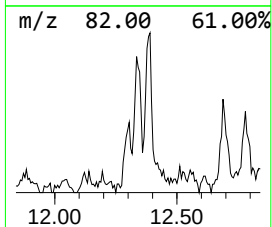
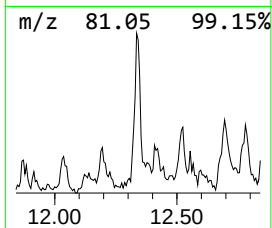
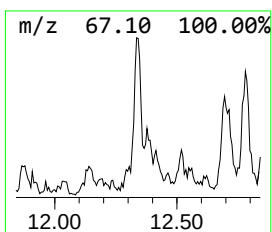
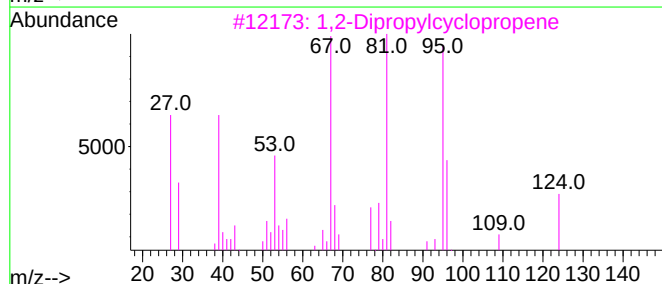
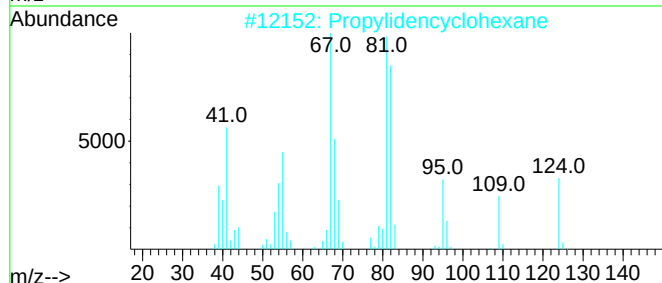
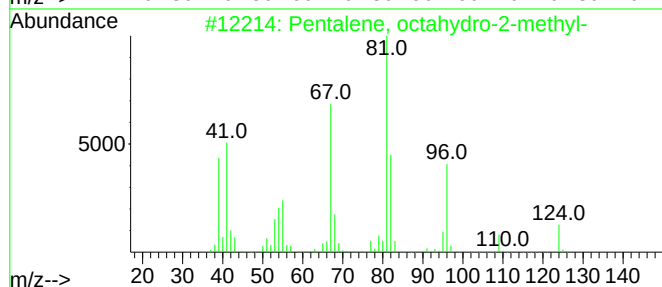
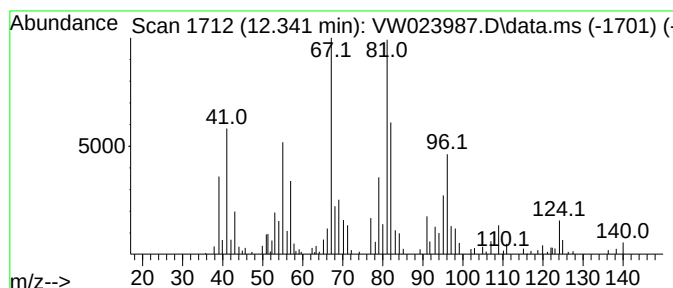
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Quant Title : SFAM01.0

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

Peak Number 3 Pentalene, octahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.341	2.66 ug/L	99254	Chlorobenzene-d5	11.628	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	80
2	Propylidencyclohexane	124	C9H16	002129-93-3	72
3	1,2-Dipropylcyclopropene	124	C9H16	010306-92-0	68
4	7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	62
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	52



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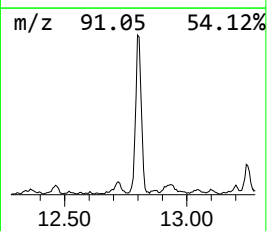
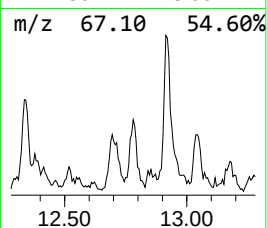
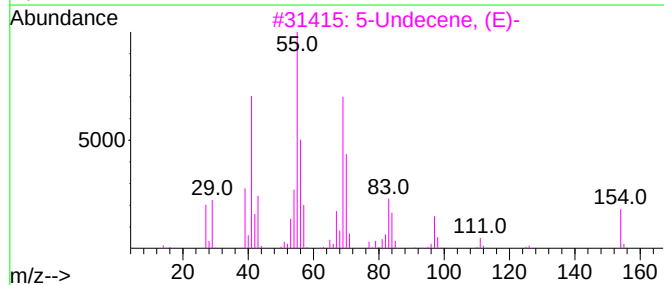
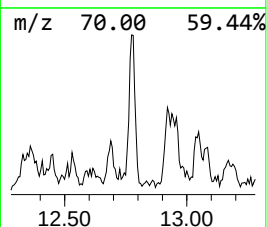
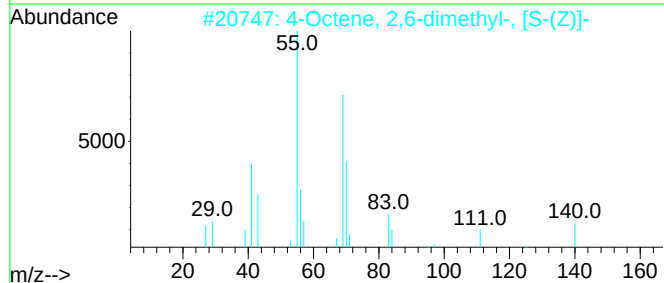
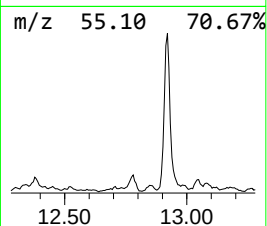
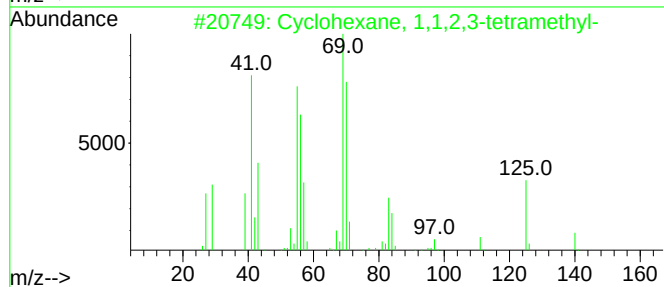
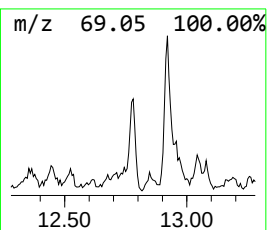
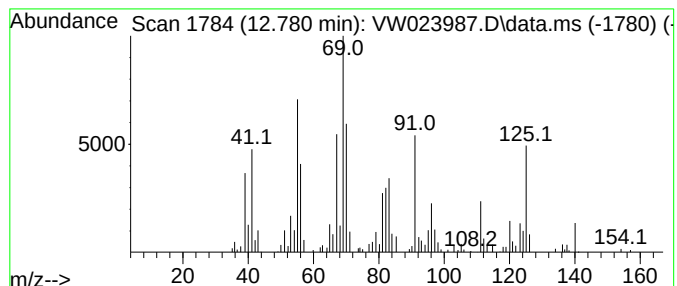
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.780 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	1.44 ug/L	55283	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	53
2			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	47
3			5-Undecene, (E)-	154	C11H22	000764-97-6	46
4			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	43
5			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
Data File : VW023987.D
Acq On : 21 Jul 2022 17:18
Operator : SY/VA
Sample : N3709-08
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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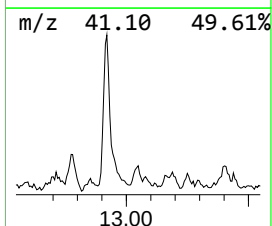
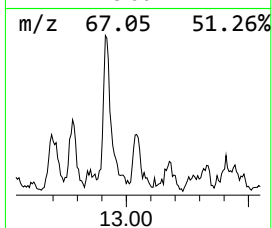
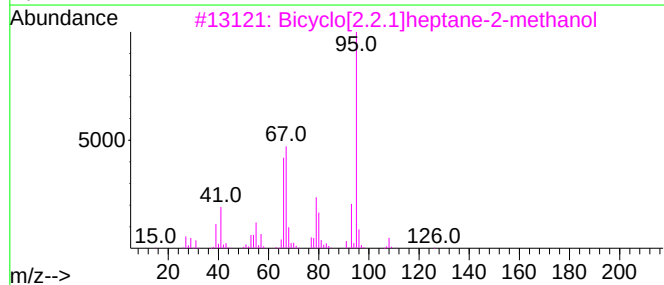
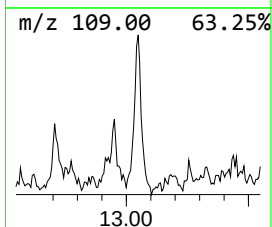
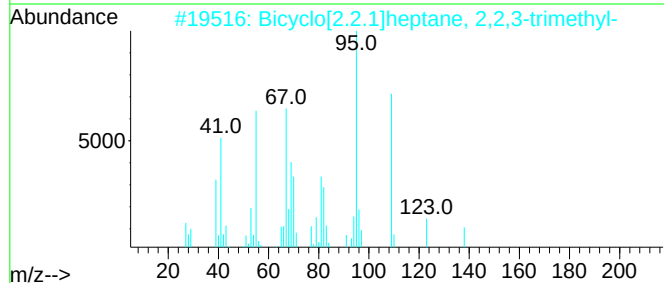
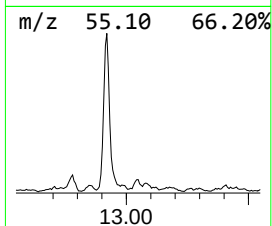
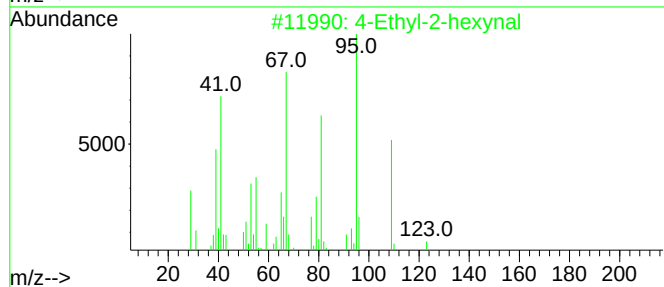
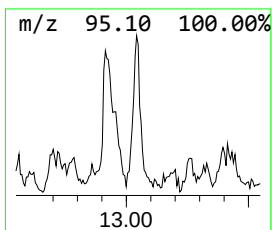
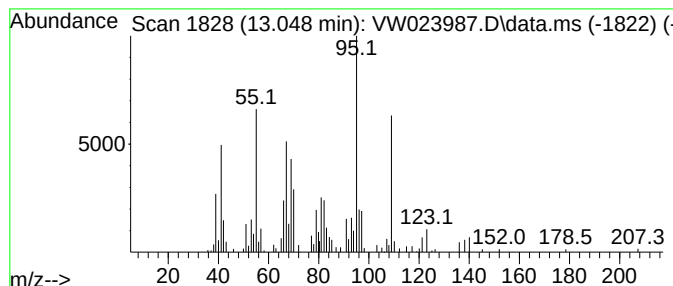
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Quant Title : SFAM01.0

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

Peak Number 6 4-Ethyl-2-hexynal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.048	1.50 ug/L	57484	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	53
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	49
3			Bicyclo[2.2.1]heptane-2-methanol	126	C8H14O	005240-72-2	47
4			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	43
5			Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
Data File : VW023987.D
Acq On : 21 Jul 2022 17:18
Operator : SY/VA
Sample : N3709-08
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B24

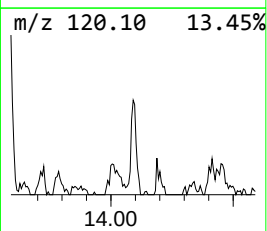
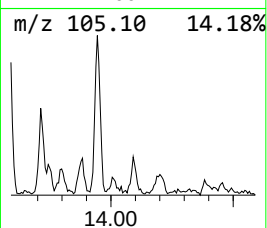
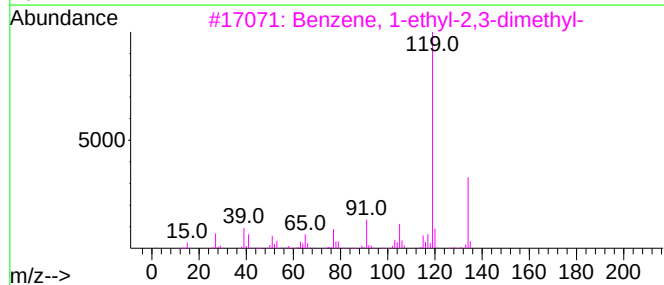
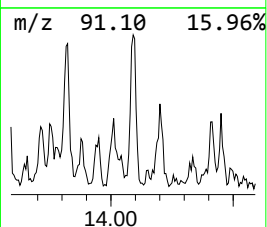
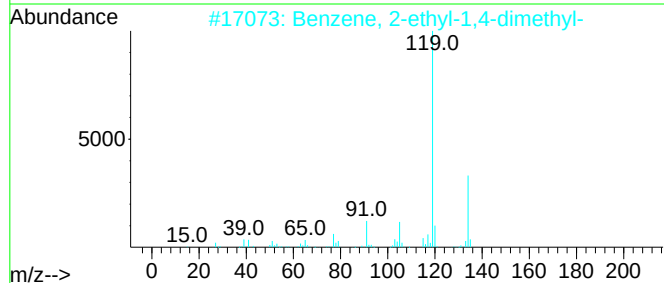
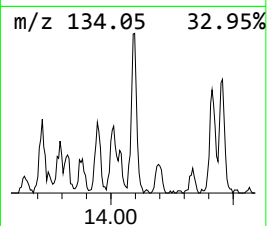
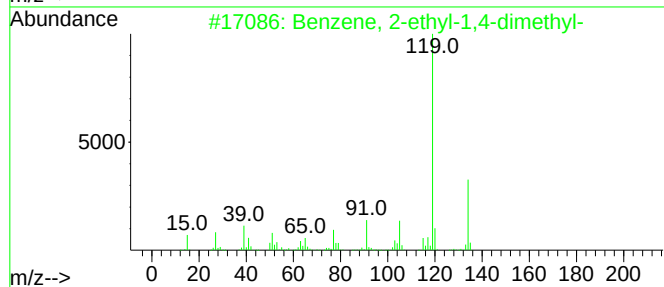
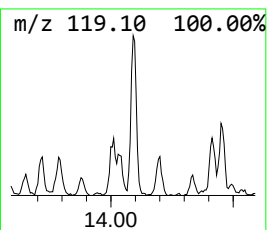
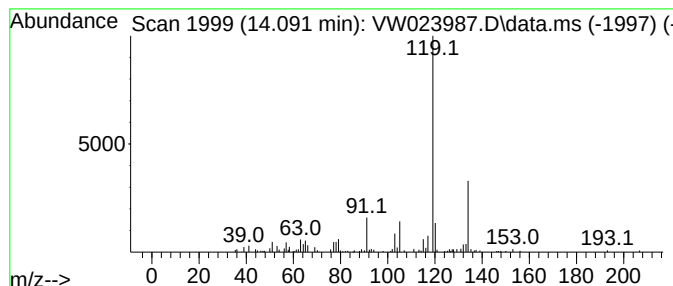
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	1.80 ug/L	69079	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
Data File : VW023987.D
Acq On : 21 Jul 2022 17:18
Operator : SY/VA
Sample : N3709-08
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B24

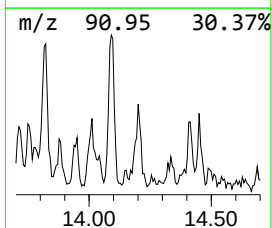
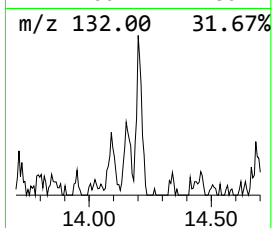
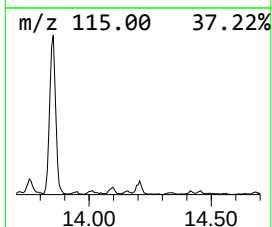
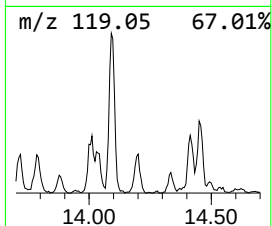
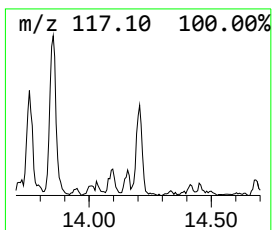
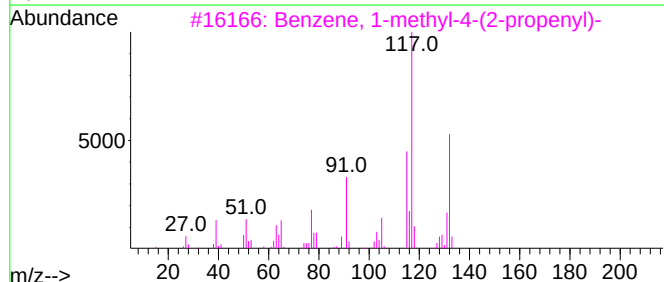
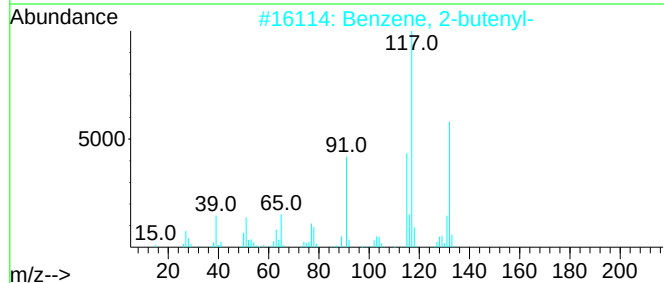
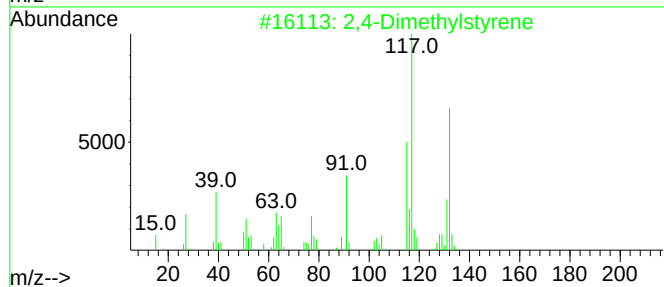
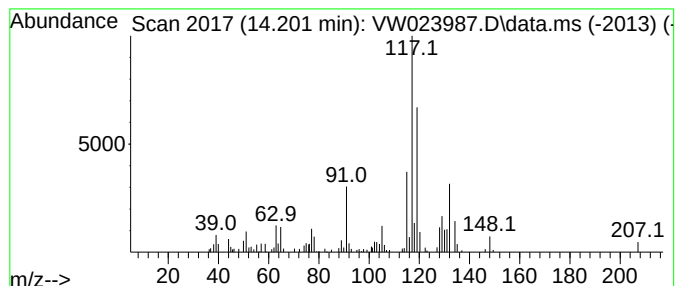
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	1.34 ug/L	51303	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethylstyrene	132	C10H12	002234-20-0	78
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
Data File : VW023987.D
Acq On : 21 Jul 2022 17:18
Operator : SY/VA
Sample : N3709-08
Misc : 6.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.140	2.4	ug/L	89184	2	11.628	933504	25.0
Pentalene, octa...	12.341	2.7	ug/L	99254	2	11.628	933504	25.0
(DEL) Alkane: C...	12.780	1.4	ug/L	55283	3	13.554	958737	25.0
4-Ethyl-2-hexynal	13.048	1.5	ug/L	57484	3	13.554	958737	25.0
Benzene, 2-ethy...	14.091	1.8	ug/L	69079	3	13.554	958737	25.0
2,4-Dimethylsty...	14.201	1.3	ug/L	51303	3	13.554	958737	25.0