

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058367.D
 Acq On : 24 Jun 2018 13:04
 Operator : VA/AP
 Sample : J3671-09
 Misc : 6.30g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB478-25-27-180621

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_D\METHOD\82D061918S.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	1.217	94	101	103	rBV	1680409	3397740	1.98%	0.282%
2	1.276	103	107	123	rVB	2455117	7998311	4.66%	0.664%
3	1.552	132	135	160	rVB	2172533	5680239	3.31%	0.471%
4	1.956	171	176	193	rBV	1483623	3582275	2.09%	0.297%
5	2.566	232	238	274	rBV	2188863	9563097	5.58%	0.793%
6	3.088	281	291	312	rBV3	1160711	6010081	3.51%	0.499%
7	3.403	315	323	352	rBV2	2913569	13242236	7.72%	1.099%
8	3.757	352	359	376	rVB	1142744	4139512	2.41%	0.343%
9	4.013	376	385	418	rVB	491554	2963707	1.73%	0.246%
10	4.545	431	439	444	rBV	884515	3630219	2.12%	0.301%
11	4.653	444	450	459	rVB	863145	3747505	2.19%	0.311%
12	4.919	459	477	478	rBV2	22281105	171455348	100.00%	14.224%
13	5.628	541	549	556	rBV3	2268048	9472800	5.52%	0.786%
14	5.736	556	560	569	rVB	1867214	5559357	3.24%	0.461%
15	5.884	569	575	587	rVB	925807	3290248	1.92%	0.273%
16	6.051	587	592	600	rVB	1223273	3174418	1.85%	0.263%
17	6.248	600	612	619	rBV	4656882	17640252	10.29%	1.463%
18	6.356	619	623	635	rVB	715495	2135560	1.25%	0.177%
19	6.533	635	641	655	rVB	1876555	5251300	3.06%	0.436%
20	6.720	655	660	677	rVB	835112	2268788	1.32%	0.188%
21	7.045	683	693	712	rBV3	16871175	78322949	45.68%	6.498%
22	7.321	712	721	729	rVV2	5091619	17703087	10.33%	1.469%
23	7.439	729	733	737	rVV	1030470	2814636	1.64%	0.234%
24	7.931	775	783	794	rBV	3031309	9018079	5.26%	0.748%
25	8.108	794	801	812	rVV	3006386	11780213	6.87%	0.977%
26	8.266	812	817	825	rVV2	1930830	6268341	3.66%	0.520%
27	8.463	833	837	845	rVV	1491565	4255273	2.48%	0.353%
28	8.689	855	860	861	rVV	1284375	2997389	1.75%	0.249%
29	8.738	861	865	868	rVV2	2823545	7765952	4.53%	0.644%
30	8.788	868	870	872	rVV	970730	2161807	1.26%	0.179%
31	8.837	872	875	881	rVV	2276489	4902452	2.86%	0.407%
32	9.103	897	902	909	rVV	3639218	8337235	4.86%	0.692%
33	9.240	909	916	922	rVB	1173469	3066435	1.79%	0.254%
34	9.546	943	947	951	rVV	1185783	2607951	1.52%	0.216%

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 WP021SB478-25-27-180621

Integration Parameters: RTEINT.P

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

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 Max Peaks: 100
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35	10.058	995	999	1004	rVB	1672315	3802330	2.22%	0.315%
36	10.146	1004	1008	1013	rBV	994015	2336479	1.36%	0.194%
37	10.530	1043	1047	1053	rVB2	1822533	4928765	2.87%	0.409%
38	10.668	1056	1061	1064	rBV	1989118	4393443	2.56%	0.364%
39	10.747	1067	1069	1073	rVV	2266562	3918741	2.29%	0.325%
40	10.884	1080	1083	1090	rVB	3667246	7048010	4.11%	0.585%
41	11.042	1090	1099	1104	rBV	8447653	22835480	13.32%	1.894%
42	11.131	1104	1108	1115	rVB	9857394	16643571	9.71%	1.381%
43	11.387	1130	1134	1136	rBV2	2317434	4897325	2.86%	0.406%
44	11.436	1136	1139	1141	rVV	2293714	3911077	2.28%	0.324%
45	11.485	1141	1144	1148	rVB	2533835	4412902	2.57%	0.366%
46	11.623	1152	1158	1161	rVV3	4124145	8000914	4.67%	0.664%
47	11.702	1161	1166	1173	rVV4	4023133	12006480	7.00%	0.996%
48	11.800	1173	1176	1179	rVB	2146784	3412106	1.99%	0.283%
49	11.898	1179	1186	1188	rBV3	2079463	6560737	3.83%	0.544%
50	11.957	1188	1192	1194	rVV2	5283360	10852131	6.33%	0.900%
51	11.997	1194	1196	1199	rVV2	5333346	8070178	4.71%	0.670%
52	12.085	1202	1205	1206	rVV	4559730	7433078	4.34%	0.617%
53	12.115	1206	1208	1212	rVV2	3297333	5778494	3.37%	0.479%
54	12.174	1212	1214	1217	rVV	2623556	4167232	2.43%	0.346%
55	12.263	1217	1223	1225	rVV	8747136	17404360	10.15%	1.444%
56	12.292	1225	1226	1228	rVV	5915192	7280227	4.25%	0.604%
57	12.351	1228	1232	1234	rVV2	9186761	18649411	10.88%	1.547%
58	12.400	1234	1237	1243	rVV2	18334220	37825490	22.06%	3.138%
59	12.499	1243	1247	1249	rVV	5095255	9949083	5.80%	0.825%
60	12.538	1249	1251	1254	rVV2	3132373	5991526	3.49%	0.497%
61	12.588	1254	1256	1258	rVV	3260204	6276608	3.66%	0.521%
62	12.627	1258	1260	1261	rVV	9317548	12894761	7.52%	1.070%
63	12.656	1261	1263	1271	rVV	12646302	29808913	17.39%	2.473%
64	12.765	1271	1274	1277	rVV3	4911068	13618707	7.94%	1.130%
65	12.863	1281	1284	1287	rVV2	10349605	18409776	10.74%	1.527%
66	12.912	1287	1289	1291	rVV	3734086	7651662	4.46%	0.635%
67	12.981	1291	1296	1298	rVV3	12209794	31751851	18.52%	2.634%
68	13.021	1298	1300	1302	rVV	6498922	9766950	5.70%	0.810%
69	13.050	1302	1303	1305	rVV2	3232423	5158604	3.01%	0.428%
70	13.090	1305	1307	1309	rVV	4936416	7476869	4.36%	0.620%
71	13.129	1309	1311	1312	rVV	6619656	8968526	5.23%	0.744%

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72	13.158	1312	1314	1317	rVV	10121362	16357389	9.54%	1.357%
73	13.218	1317	1320	1324	rVV2	13498954	33642533	19.62%	2.791%
74	13.277	1324	1326	1328	rVV	3184276	5334334	3.11%	0.443%
75	13.336	1328	1332	1335	rVV	17745966	34418636	20.07%	2.855%
76	13.405	1337	1339	1340	rVV	10218970	14514467	8.47%	1.204%
77	13.434	1340	1342	1345	rVV	12118007	21737730	12.68%	1.803%
78	13.483	1345	1347	1350	rVV	12416970	24080930	14.05%	1.998%
79	13.562	1353	1355	1360	rVV3	9312802	21632794	12.62%	1.795%
80	13.651	1360	1364	1366	rVV3	4016245	8503431	4.96%	0.705%
81	13.690	1366	1368	1372	rVV	9420483	15648582	9.13%	1.298%
82	13.779	1372	1377	1378	rVV	11003143	23123755	13.49%	1.918%
83	13.808	1378	1380	1383	rVV	13303937	22318951	13.02%	1.852%
84	13.857	1383	1385	1387	rVV2	5980853	10799791	6.30%	0.896%
85	13.897	1387	1389	1393	rVV3	4310862	8855358	5.16%	0.735%
86	13.956	1393	1395	1396	rVV2	2338262	3254297	1.90%	0.270%
87	13.995	1396	1399	1402	rVV2	6097856	11191506	6.53%	0.928%
88	14.054	1402	1405	1407	rVV2	3846869	7798035	4.55%	0.647%
89	14.094	1407	1409	1414	rVV5	13394442	25918941	15.12%	2.150%
90	14.163	1414	1416	1420	rVV2	3511327	7814241	4.56%	0.648%
91	14.222	1420	1422	1427	rVV2	3206089	6870818	4.01%	0.570%
92	14.291	1427	1429	1431	rVV3	1331852	2525064	1.47%	0.209%
93	14.350	1431	1435	1438	rVV2	3374195	8458932	4.93%	0.702%
94	14.399	1438	1440	1441	rVV2	1320246	1959689	1.14%	0.163%
95	14.428	1441	1443	1445	rVV2	2235259	3530701	2.06%	0.293%
96	14.537	1451	1454	1456	rVV	7758901	11956225	6.97%	0.992%
97	14.586	1456	1459	1462	rVV	3684440	6464394	3.77%	0.536%
98	14.645	1462	1465	1467	rVV2	1197173	2400078	1.40%	0.199%
99	14.753	1474	1476	1478	rVV	1720110	1902295	1.11%	0.158%
100	14.822	1481	1483	1487	rVB3	1000480	1872490	1.09%	0.155%

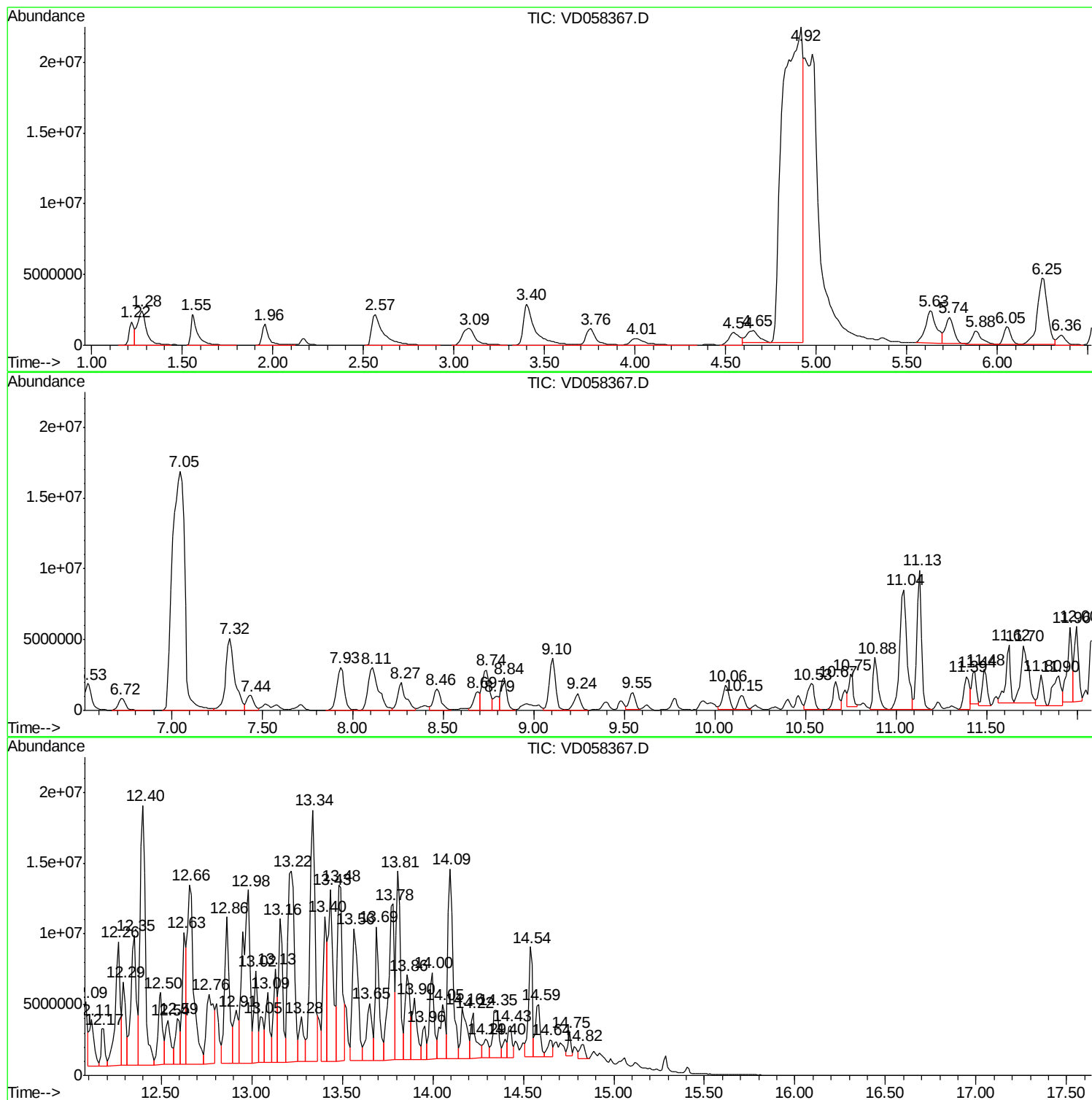
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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



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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Ethylene, 1,2-dichloro-, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	904.99 ug/l	171455000	Pentafluorobenzene	5.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethylene, 1,2-dichloro-, (E)-	96 C2H2Cl2	000156-60-5 90
2		Ethylene, 1,2-dichloro-, (Z)-	96 C2H2Cl2	000156-59-2 80
3		1,2-Dichloroethylene	96 C2H2Cl2	000540-59-0 72
4		Ethene, 1,1-dichloro-	96 C2H2Cl2	000075-35-4 38
5		Furfural	96 C5H4O2	000098-01-1 9

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	388.76 ug/l	17640300	1,4-Difluorobenzene	6.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2,2,3,3-tetramethyl-	114 C8H18	000594-82-1 78
2		Pentane, 2,2,4,4-tetramethyl-	128 C9H20	001070-87-7 64
3		Hexane, 2,2-dimethyl-	114 C8H18	000590-73-8 50
4		1-Cyclopentyl-2,2-dimethyl-1-pro...	156 C10H20O	337966-85-5 50
5		Decane, 2,2,6-trimethyl-	184 C13H28	062237-97-2 45

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	198.74 ug/l	9018080	1,4-Difluorobenzene	6.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentane, 2,3,4-trimethyl-	114 C8H18	000565-75-3 91
2		Heptane, 4-methyl-	114 C8H18	000589-53-7 74
3		Hexane, 3,3,4-trimethyl-	128 C9H20	016747-31-2 72
4		3,3-Dimethyl-2-pentanol	116 C7H16O	019781-24-9 64
5		Pentane, 3-ethyl-	100 C7H16	000617-78-7 64

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
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8.11	259.62 ug/l	11780200	1,4-Difluorobenzene	6.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59

 Peak Number 5 Nonane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	212.36 ug/l	16643600	Chlorobenzene-d5	10.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	87
2	Octane	114	C8H18	000111-65-9	53
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47

 Peak Number 6 Cyclohexane, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.70	153.19 ug/l	12006500	Chlorobenzene-d5	10.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
2	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	58
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	52
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50

 Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.48	157.36 ug/l	24080900	1,4-Dichlorobenzene-d4			12.93
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	151.10 ug/l	23123800	1,4-Dichlorobenzene-d4	12.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91

Peak Number 9 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	169.37 ug/l	25918900	1,4-Dichlorobenzene-d4	12.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			p-Cymene	134	C10H14	000099-87-6	64

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethylene, 1,2-dic...	4.92	905.0	ug/l	171455000	1	5.68	9472800	50.0
Butane, 2,2,3,3-t...	6.25	388.8	ug/l	17640300	2	6.72	2268790	50.0
Pentane, 2,3,4-tr...	7.93	198.7	ug/l	9018080	2	6.72	2268790	50.0
Pentane, 2,3,3-tr...	8.11	259.6	ug/l	11780200	2	6.72	2268790	50.0
Nonane	11.13	212.4	ug/l	16643600	3	10.72	3918740	50.0
Cyclohexane, (1-m...	11.70	153.2	ug/l	12006500	3	10.72	3918740	50.0
Benzene, 2-ethyl-...	13.48	157.4	ug/l	24080900	4	12.93	7651660	50.0
Benzene, 1-methyl...	13.78	151.1	ug/l	23123800	4	12.93	7651660	50.0
Benzene, 2-butenyl-	14.09	169.4	ug/l	25918900	4	12.93	7651660	50.0