

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061935.D
 Acq On : 13 Mar 2019 18:51
 Operator : VA/AP
 Sample : K1895-01
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-SOIL

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\82F030419S.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	1.989	130	138	141	rBV	126369	321554	3.37%	0.182%
2	2.916	226	232	238	rBV	132924	417017	4.37%	0.236%
3	3.724	303	314	322	rBV3	245595	1184729	12.40%	0.671%
4	3.991	334	341	347	rBV	203068	653901	6.85%	0.370%
5	4.099	347	352	363	rVB	161510	553411	5.79%	0.313%
6	4.849	420	428	433	rBV3	289826	1108702	11.61%	0.628%
7	5.430	476	487	497	rBV	523219	2217896	23.22%	1.255%
8	5.578	497	502	512	rVV	366648	1357259	14.21%	0.768%
9	5.726	512	517	531	rVB3	133616	529771	5.55%	0.300%
10	6.338	574	579	584	rVB2	125304	343816	3.60%	0.195%
11	6.574	598	603	606	rBV	248510	610182	6.39%	0.345%
12	6.633	606	609	617	rVB3	167678	509493	5.33%	0.288%
13	6.791	617	625	629	rBV	297544	873369	9.14%	0.494%
14	6.850	629	631	640	rVB3	129297	400131	4.19%	0.226%
15	6.998	640	646	650	rBV	211183	702356	7.35%	0.398%
16	7.235	665	670	674	rBV	125498	346348	3.63%	0.196%
17	7.541	696	701	706	rVV2	439968	1115217	11.68%	0.631%
18	7.817	724	729	734	rVB3	206325	565912	5.92%	0.320%
19	8.112	754	759	768	rBV5	85162	331868	3.47%	0.188%
20	8.260	768	774	778	rBV4	189130	558870	5.85%	0.316%
21	8.379	778	786	788	rVV3	215914	698833	7.32%	0.396%
22	8.438	788	792	796	rVV2	418291	1121249	11.74%	0.635%
23	8.606	804	809	817	rBV2	181770	715181	7.49%	0.405%
24	8.813	825	830	839	rVB6	147594	584067	6.11%	0.331%
25	8.961	839	845	850	rBV3	193548	755426	7.91%	0.428%
26	9.099	855	859	866	rVB2	415514	1075442	11.26%	0.609%
27	9.276	872	877	886	rVB3	353678	1208544	12.65%	0.684%
28	9.404	886	890	896	rVB3	150038	394804	4.13%	0.223%
29	9.513	896	901	905	rBV4	150830	463921	4.86%	0.263%
30	9.690	916	919	922	rVV3	125295	327844	3.43%	0.186%
31	9.759	922	926	933	rVV	474367	1104188	11.56%	0.625%
32	9.878	933	938	942	rVV3	235307	571080	5.98%	0.323%
33	10.114	958	962	967	rVB	331913	710478	7.44%	0.402%
34	10.213	967	972	981	rBV2	236469	733454	7.68%	0.415%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061935.D
 Acq On : 13 Mar 2019 18:51
 Operator : VA/AP
 Sample : K1895-01
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-SOIL

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\82F030419S.M
 Title : SW846 8260

35	10.331	981	984	988	rBV2	121543	310127	3.25%	0.176%
36	10.479	994	999	1000	rBV	179147	413112	4.33%	0.234%
37	10.657	1013	1017	1019	rBV	439526	966254	10.12%	0.547%
38	10.696	1019	1021	1025	rVV	734149	1305962	13.67%	0.739%
39	11.031	1051	1055	1058	rBV3	275920	717913	7.52%	0.406%
40	11.110	1058	1063	1065	rVV3	388633	1019125	10.67%	0.577%
41	11.150	1065	1067	1071	rVV	407485	634238	6.64%	0.359%
42	11.258	1075	1078	1083	rVB	514985	936727	9.81%	0.530%
43	11.396	1089	1092	1097	rBV2	347684	742528	7.77%	0.420%
44	11.544	1103	1107	1109	rBV	271598	470845	4.93%	0.267%
45	11.653	1114	1118	1120	rBV	619100	1015649	10.63%	0.575%
46	11.712	1120	1124	1128	rVB	3208620	5930686	62.09%	3.357%
47	11.820	1131	1135	1138	rVB	3572169	6174975	64.65%	3.495%
48	11.938	1143	1147	1149	rBV3	237694	477195	5.00%	0.270%
49	12.007	1149	1154	1157	rBV	2840991	5071381	53.10%	2.871%
50	12.057	1157	1159	1164	rVB2	320183	570616	5.97%	0.323%
51	12.136	1164	1167	1170	rBV	338288	694010	7.27%	0.393%
52	12.195	1170	1173	1177	rVB	1898587	2843488	29.77%	1.609%
53	12.284	1177	1182	1185	rBV4	392468	789956	8.27%	0.447%
54	12.372	1188	1191	1193	rBV2	482409	687835	7.20%	0.389%
55	12.422	1193	1196	1197	rBV2	595511	978563	10.25%	0.554%
56	12.451	1197	1199	1201	rVB	655351	850498	8.90%	0.481%
57	12.530	1201	1207	1210	rVB2	769488	1379546	14.44%	0.781%
58	12.599	1210	1214	1218	rBV	4195066	6601567	69.12%	3.737%
59	12.717	1222	1226	1229	rBV2	2531231	5924140	62.02%	3.353%
60	12.767	1229	1231	1232	rVV	1653967	2373151	24.85%	1.343%
61	12.816	1232	1236	1241	rVB3	3681832	9551458	100.00%	5.406%
62	12.925	1244	1247	1249	rBV2	363329	648737	6.79%	0.367%
63	12.994	1252	1254	1258	rVB	1677981	2615136	27.38%	1.480%
64	13.072	1258	1262	1267	rBV2	2389461	6666975	69.80%	3.774%
65	13.151	1267	1270	1274	rBV2	3998410	7792336	81.58%	4.411%
66	13.220	1274	1277	1281	rVB2	2971874	4776289	50.01%	2.704%
67	13.280	1281	1283	1286	rBV2	434308	655126	6.86%	0.371%
68	13.329	1286	1288	1291	rVB2	291059	402225	4.21%	0.228%
69	13.378	1291	1293	1294	rVB2	457598	539018	5.64%	0.305%
70	13.408	1294	1296	1301	rVB	1460953	1997806	20.92%	1.131%
71	13.487	1301	1304	1306	rBV	3053513	4326855	45.30%	2.449%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061935.D
 Acq On : 13 Mar 2019 18:51
 Operator : VA/AP
 Sample : K1895-01
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-SOIL

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\82F030419S.M
 Title : SW846 8260

72	13.536	1306	1309	1311	rBV	2716349	4450174	46.59%	2.519%
73	13.605	1315	1316	1322	rVB2	864352	1274036	13.34%	0.721%
74	13.704	1322	1326	1329	rBV2	5324694	8869115	92.86%	5.020%
75	13.753	1329	1331	1334	rVB3	819564	1192747	12.49%	0.675%
76	13.802	1334	1336	1338	rBV	1087127	1568682	16.42%	0.888%
77	13.842	1338	1340	1344	rVV3	4994371	8541583	89.43%	4.835%
78	13.911	1344	1347	1349	rVB3	1527624	2433548	25.48%	1.377%
79	13.960	1349	1352	1355	rVB	1264136	1957768	20.50%	1.108%
80	14.039	1358	1360	1361	rBV	1120777	1498589	15.69%	0.848%
81	14.068	1361	1363	1366	rVB	2097093	2961850	31.01%	1.676%
82	14.137	1366	1370	1373	rBV4	2313900	5986004	62.67%	3.388%
83	14.206	1374	1377	1381	rVB2	2113427	3711028	38.85%	2.101%
84	14.295	1384	1386	1388	rVB	596263	698032	7.31%	0.395%
85	14.344	1388	1391	1393	rBV3	389450	550428	5.76%	0.312%
86	14.414	1393	1398	1400	rBV4	524739	1358896	14.23%	0.769%
87	14.453	1400	1402	1404	rBV	1321732	1747363	18.29%	0.989%
88	14.552	1410	1412	1413	rBV	395906	454167	4.75%	0.257%
89	14.581	1413	1415	1419	rVV	1165868	1661935	17.40%	0.941%
90	14.729	1427	1430	1434	rVB2	1761110	2611581	27.34%	1.478%
91	14.818	1437	1439	1440	rBV	247529	342219	3.58%	0.194%
92	14.867	1440	1444	1449	rVV5	567675	1688108	17.67%	0.956%
93	14.936	1449	1451	1453	rVB2	237210	329825	3.45%	0.187%
94	14.985	1453	1456	1461	rBV2	687432	1178342	12.34%	0.667%
95	15.104	1465	1468	1471	rVV2	852614	1305694	13.67%	0.739%
96	15.153	1471	1473	1476	rVB3	245812	383322	4.01%	0.217%
97	15.271	1480	1485	1488	rVV2	536909	974295	10.20%	0.551%
98	15.331	1488	1491	1494	rVV4	200920	420309	4.40%	0.238%
99	15.400	1494	1498	1503	rVB2	539172	1084564	11.35%	0.614%
100	15.626	1519	1521	1526	rVB	208250	417223	4.37%	0.236%

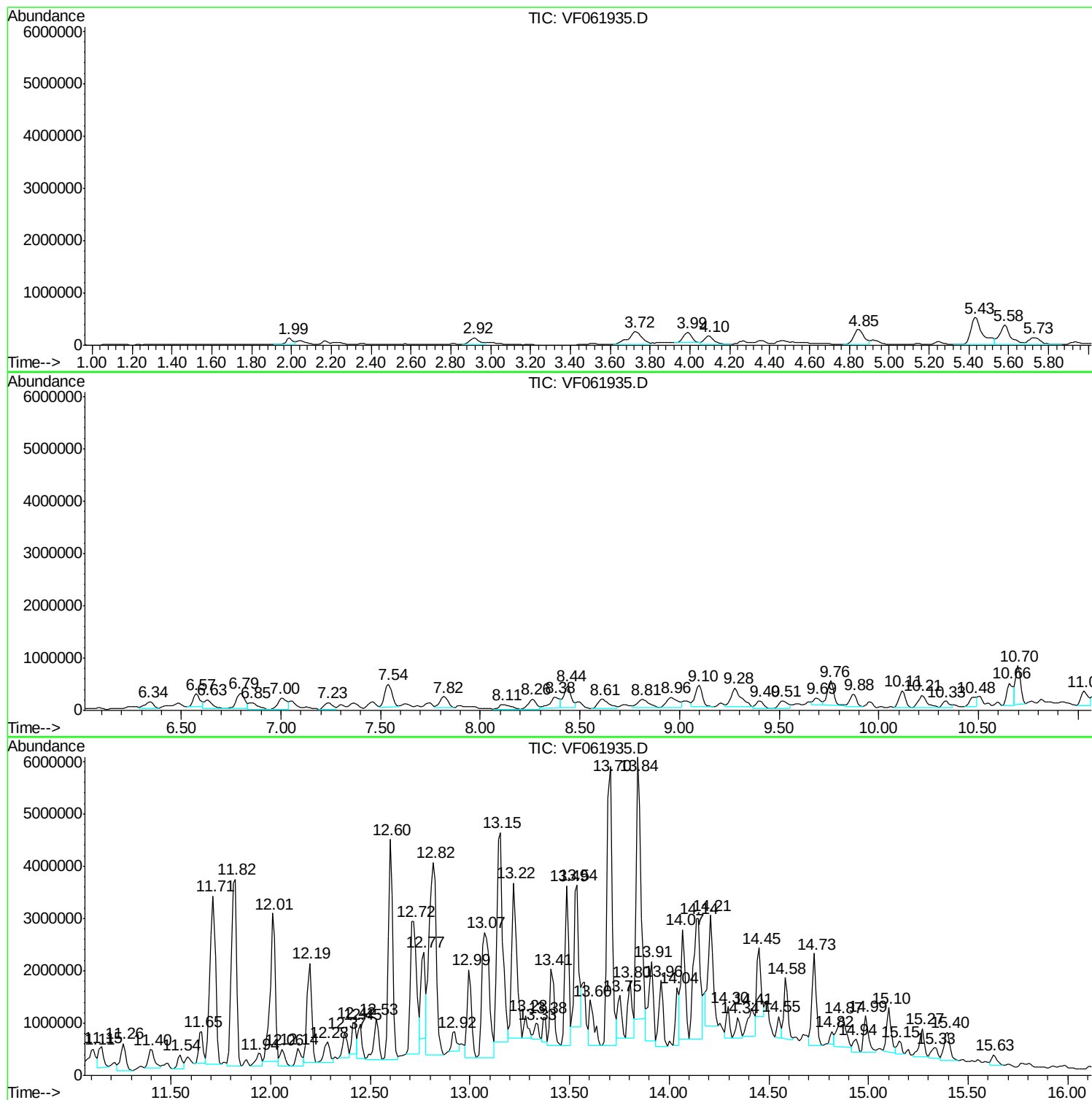
Sum of corrected areas: 176669788

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031319\
Data File : VF061935.D
Acq On : 13 Mar 2019 18:51
Operator : VA/AP
Sample : K1895-01
Misc : 5.86g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031319\
 Data File : VF061935.D
 Acq On : 13 Mar 2019 18:51
 Operator : VA/AP
 Sample : K1895-01
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-SOIL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260

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

 Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	214.95 ug/l	5930690	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
2		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 94
3		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 91
4		Mesitylene	120 C9H12	000108-67-8 91
5		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91

 Peak Number 2 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	239.27 ug/l	6601570	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Mesitylene	120 C9H12	000108-67-8 97
2		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 97
3		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 94
4		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 91
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 90

 Peak Number 3 Benzene, 2-propenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	214.71 ug/l	5924140	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-propenyl-	118 C9H10	000300-57-2 70
2		Indane	118 C9H10	000496-11-7 70
3		Benzene, cyclopropyl-	118 C9H10	000873-49-4 70
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118 C9H10	1000191-13-7 50
5		Benzene, 1-propenyl-	118 C9H10	000637-50-3 50

 Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
------	---------	------	------------------	------

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031319\
 Data File : VF061935.D
 Acq On : 13 Mar 2019 18:51
 Operator : VA/AP
 Sample : K1895-01
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-SOIL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260

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

12.82	346.18 ug/l	9551460	1,4-Dichlorobenzene-d4	12.54			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87

 Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.07	241.64 ug/l	6666980	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94

 Peak Number 6 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.70	321.45 ug/l	8869120	1,4-Dichlorobenzene-d4	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
4	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70

 Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.84	309.58 ug/l	8541580	1,4-Dichlorobenzene-d4	12.54		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF031319\
Data File : VF061935.D
Acq On : 13 Mar 2019 18:51
Operator : VA/AP
Sample : K1895-01
Misc : 5.86g/5mL/MSV0A-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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

1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81

Peak Number 8 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	216.96 ug/l	5986000	1,4-Dichlorobenzene-d4	12.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	78

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF031319\
Data File : VF061935.D
Acq On : 13 Mar 2019 18:51
Operator : VA/AP
Sample : K1895-01
Misc : 5.86g/5mL/MSV0A-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F030419S.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
Benzene, 1-ethyl-...	11.71	214.9	ug/l	5930690	4	12.54	1379550	50.0
Mesitylene	12.60	239.3	ug/l	6601570	4	12.54	1379550	50.0
Benzene, 2-propenyl-	12.72	214.7	ug/l	5924140	4	12.54	1379550	50.0
Benzene, 1-ethyl-...	12.82	346.2	ug/l	9551460	4	12.54	1379550	50.0
Benzene, 2-ethyl-...	13.07	241.6	ug/l	6666980	4	12.54	1379550	50.0
2,4-Dimethylstyrene	13.70	321.4	ug/l	8869120	4	12.54	1379550	50.0
1H-Indene, 2,3-di...	13.84	309.6	ug/l	8541580	4	12.54	1379550	50.0
1H-Indene, 2,3-di...	14.14	217.0	ug/l	5986000	4	12.54	1379550	50.0