LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\82F053019S.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	1.109	56	58	60	rBV2	12791	19516	3.91%	0.534%
2	1.149	60	62	64	rVV3	10549	13712	2.75%	0.375%
3	2.864	235	236	237	rBV	7007	6208	1.24%	0.170%
4	2.933	241	243	244	rBV2	7862	9191	1.84%	0.252%
5	3.298	278	280	285	rVB5	5172	9997	2.00%	0.274%
6	3.840	333	335	337	rBV2	3699	6728	1.35%	0.184%
7	4.155	364	367	369	rBV3	9366	20665	4.14%	0.566%
8	4.303	377	382	391	rVB4	22638	80796	16.20%	2.212%
9	4.500	400	402	407	rBV5	4224	8598	1.72%	0.235%
10	4.737	424	426	429	rBV3	4601	7818	1.57%	0.214%
11	4.934	442	446	448	rBV5	3695	8628	1.73%	0.236%
12	5.062	451	459	468	rBV2	152533	498710	100.00%	13.651%
13	5.486	500	502	505	rVB4	4891	5442	1.09%	0.149%
14	5.673	514	521	525	rBV10	5750	24069	4.83%	0.659%
15	5.782	527	532	541	rVB	177418	471177	94.48%	12.897%
16	6.068	559	561	564	rVB4	6563	9511	1.91%	0.260%
17	6.117	564	566	568	rBV2	4249	5996	1.20%	0.164%
18	6.255	578	580	586	rBV6	4035	10919	2.19%	0.299%
19	6.531	607	608	611	rBV3	4793	6892	1.38%	0.189%
20	6.600	611	615	618	rBV6	4213	10556	2.12%	0.289%
21	6.708	624	626	630	rVB	17678	19785	3.97%	0.542%
22	6.767	630	632	634	rBV3	4131	5866	1.18%	0.161%
23	6.856	639	641	643	rVB3	4668	6624	1.33%	0.181%
24	6.955	649	651	652	rVB2	6813	6023	1.21%	0.165%
25	7.034	655	659	660	rBV3	8039	16425	3.29%	0.450%
26	7.201	671	676	678	rBV6	8530	18541	3.72%	0.508%
27	7.310	683	687	688	rBV4	3852	7994	1.60%	0.219%
28	7.576	713	714	717	rBV2	5977	9481	1.90%	0.260%
29	7.714	722	728	733	rBV	171860	410102	82.23%	11.226%
30	8.059	761	763	765	rBV2	5422	6869	1.38%	0.188%
31	8.157	770	773	775	rBV3	5613	11463	2.30%	0.314%
32	8.266	778	784	786	rBV7	3455	10821	2.17%	0.296%
33	8.315	786	789	791	rBV4	7704	15721	3.15%	0.430%
34	8.404	795	798	802	rVV4	7434	17023	3.41%	0.466%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\82F053019S.M
Title : SW846 8260

35	8.532	810	811	813	rBV2	5777	5467	1.10%	0.150%
36	8.581	813	816	818	rBV3	4430	9646	1.93%	0.264%
37	8.719	826	830	831	rBV4	3152	6840	1.37%	0.187%
38	8.798	837	838	842	rBV4	6748	12969	2.60%	0.355%
39	8.916	847	850	853	rBV4	5621	10576	2.12%	0.289%
40	9.035	858	862	865	rVB5	5649	16436	3.30%	0.450%
41	9.330	889	892	894	rBV4	7053	12369	2.48%	0.339%
42	9.498	905	909	910	rVB4	3505	5968	1.20%	0.163%
43	9.547	913	914	919	rBV4	6359	12995	2.61%	0.356%
44	9.636	919	923	925	rVV3	10656	21683	4.35%	0.594%
45	9.754	934	935	937	rVB2	6208	5807	1.16%	0.159%
46	9.912	946	951	958	rBV	163101	381221	76.44%	10.435%
47	10.040	960	964	966	rBV5	12158	25370	5.09%	0.694%
48	10.168	974	977	979	rBV4	5530	11772	2.36%	0.322%
49	10.267	983	987	992	rVV3	21649	53561	10.74%	1.466%
50	10.582	1018	1019	1024	rBV5	5110	9941	1.99%	0.272%
51	10.769	1033	1038	1040	rBV5	6772	17853	3.58%	0.489%
52	10.819	1041	1043	1046	rVB3	14722	21350	4.28%	0.584%
53	10.898	1048	1051	1054	rVV2	27980	54251	10.88%	1.485%
54	10.947	1054	1056	1059	rVV4	11164	12458	2.50%	0.341%
55	11.213	1081	1083	1086	rBV3	12588	22267	4.46%	0.610%
56	11.292	1089	1091	1096	rBV6	6982	14731	2.95%	0.403%
57	11.450	1102	1107	1109	rBV2	19101	42239	8.47%	1.156%
58	11.499	1109	1112	1117	rVV	108216	195593	39.22%	5.354%
59	11.568	1117	1119	1120	rVV2	10339	11873	2.38%	0.325%
60	11.627	1123	1125	1127	rVV3	15205	21614	4.33%	0.592%
61	11.676	1127	1130	1133	rVB2	17312	34538	6.93%	0.945%
62	11.745	1133	1137	1138	rBV4	9248	19090	3.83%	0.523%
63	11.795	1139	1142	1146	rVV5	13778	30158	6.05%	0.826%
64	11.893	1150	1152	1157	rVB4	15666	23791	4.77%	0.651%
65	12.090	1170	1172	1173	rBV2	9541	6592	1.32%	0.180%
66	12.120	1173	1175	1179	rVB4	9013	14381	2.88%	0.394%
67	12.189	1180	1182	1186	rVB5	10608	17422	3.49%	0.477%
68	12.268	1186	1190	1195	rVB4	22598	45568	9.14%	1.247%
69	12.366	1196	1200	1203	rVB4	13341	30433	6.10%	0.833%
70	12.524	1214	1216	1221	rVB4	14012	29739	5.96%	0.814%
71	12.613	1221	1225	1229	rVV	133466	206162	41.34%	5.643%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\82F053019S.M
Title : SW846 8260

72	12.672	1229	1231	1232	rVV2	6526	7738	1.55%	0.212%
73	12.780	1238	1242	1244	rBV2	14957	24613	4.94%	0.674%
74	12.869	1249	1251	1252	rBV2	5789	8540	1.71%	0.234%
75	12.899	1252	1254	1256	rVB3	10921	15248	3.06%	0.417%
76	12.997	1260	1264	1267	rBV6	8642	19601	3.93%	0.537%
77	13.106	1273	1275	1276	rBV2	6560	9987	2.00%	0.273%
78	13.125	1276	1277	1280	rVV3	9559	15145	3.04%	0.415%
79	13.204	1282	1285	1286	rVV3	8019	14326	2.87%	0.392%
80	13.283	1292	1293	1296	rBV2	7866	10778	2.16%	0.295%
81	13.441	1305	1309	1311	rBV5	4842	12042	2.41%	0.330%
82	13.480	1311	1313	1315	rVB3	3666	5496	1.10%	0.150%
83	13.687	1331	1334	1337	rBV4	6800	15394	3.09%	0.421%
84	13.746	1337	1340	1345	rVB6	9501	22956	4.60%	0.628%
85	13.855	1349	1351	1353	rBV	24542	19474	3.90%	0.533%
86	13.884	1353	1354	1355	rBV	6385	6775	1.36%	0.185%
87	14.229	1386	1389	1393	rVB5	13624	25319	5.08%	0.693%
88	14.318	1395	1398	1402	rVB4	5995	14043	2.82%	0.384%
89	14.387	1402	1405	1407	rVB3	5165	8251	1.65%	0.226%
90	14.495	1412	1416	1418	rVV3	22685	32734	6.56%	0.896%
91	14.545	1418	1421	1422	rVB3	3641	5512	1.11%	0.151%
92	14.643	1429	1431	1435	rVB4	6186	12007	2.41%	0.329%
93	14.702	1435	1437	1441	rBV3	4541	11742	2.35%	0.321%
94	14.762	1441	1443	1447	rVB5	5377	9528	1.91%	0.261%
95	15.018	1467	1469	1471	rBV3	3510	5753	1.15%	0.157%
96	15.166	1481	1484	1487	rVB5	3147	5918	1.19%	0.162%
97	15.678	1534	1536	1539	rBV4	5385	9889	1.98%	0.271%
98	15.846	1552	1553	1556	rVB3	5377	8492	1.70%	0.232%
99	15.905	1556	1559	1562	rBV5	5883	12944	2.60%	0.354%
100	16.004	1565	1569	1572	rVB2	5742	10433	2.09%	0.286%

Sum of corrected areas: 3653269

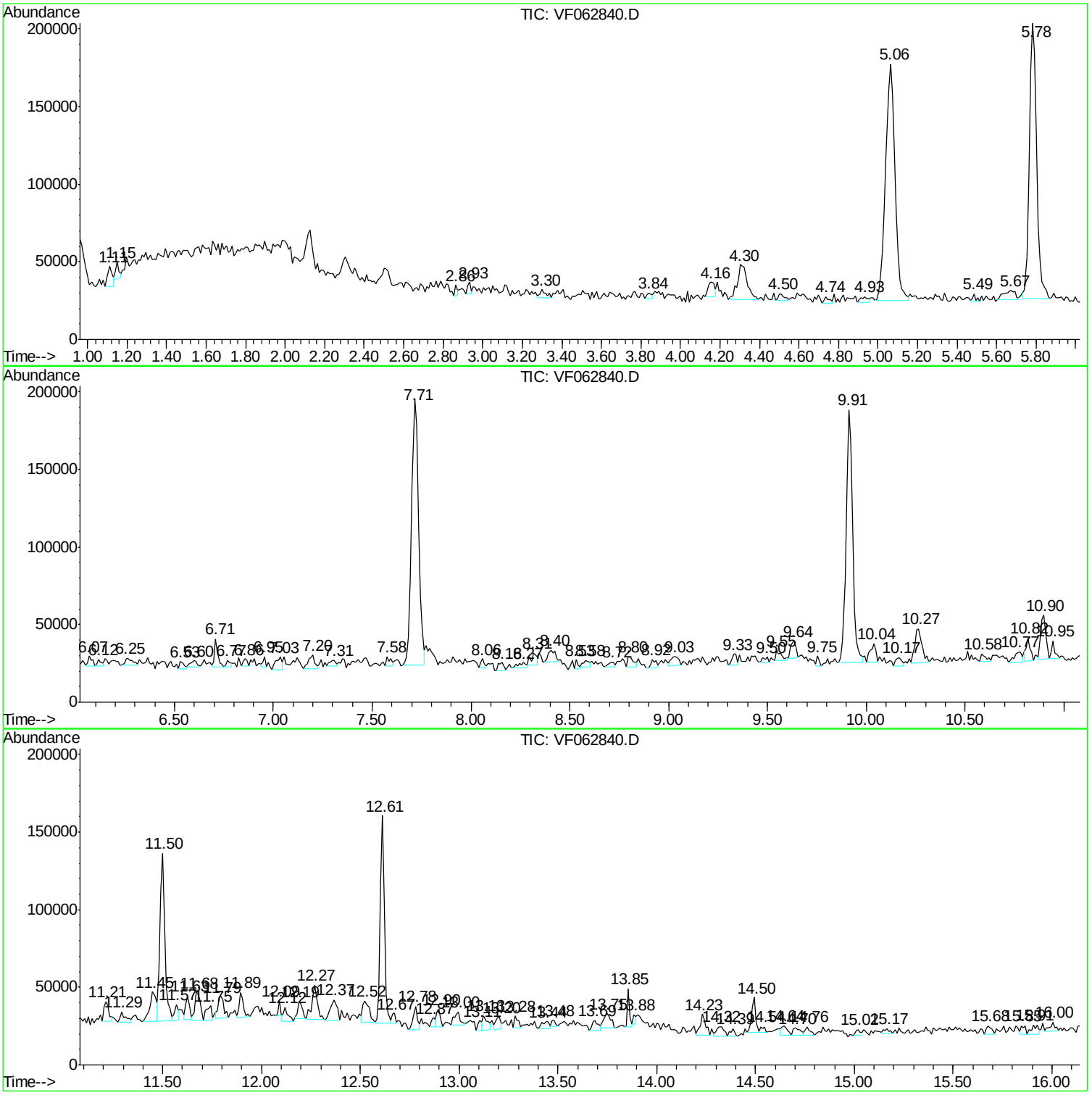
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

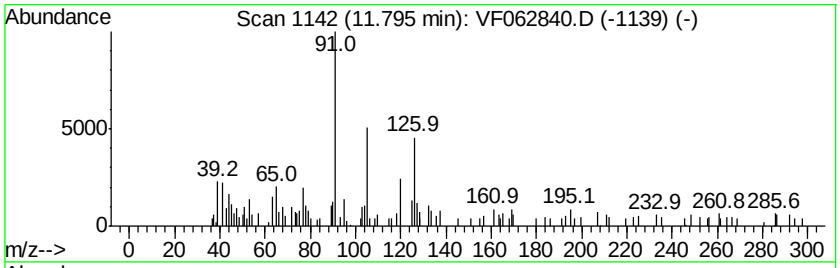
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

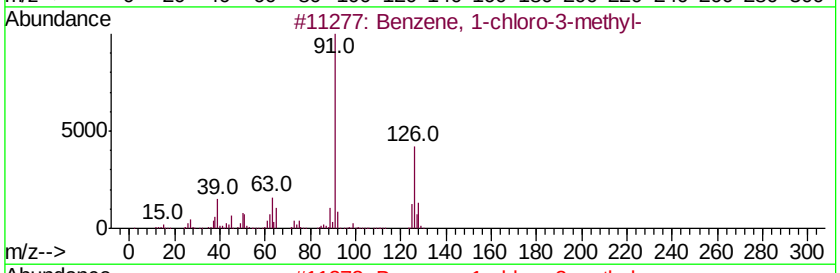
****

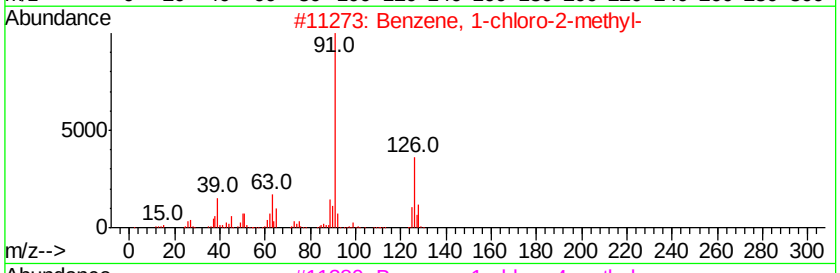
Peak Number 1 unknown11.79 Concentration Rank 1

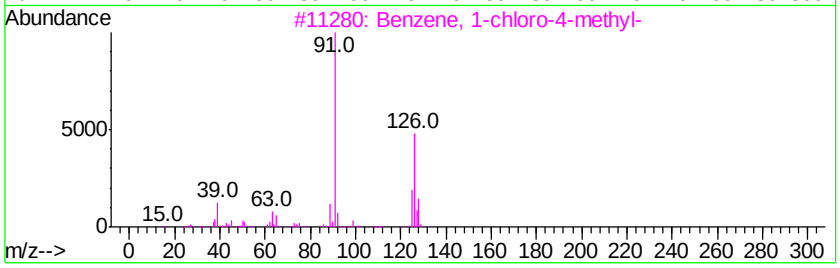
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.31 ug/l	30158	1,4-Dichlorobenzene-d4	12.61

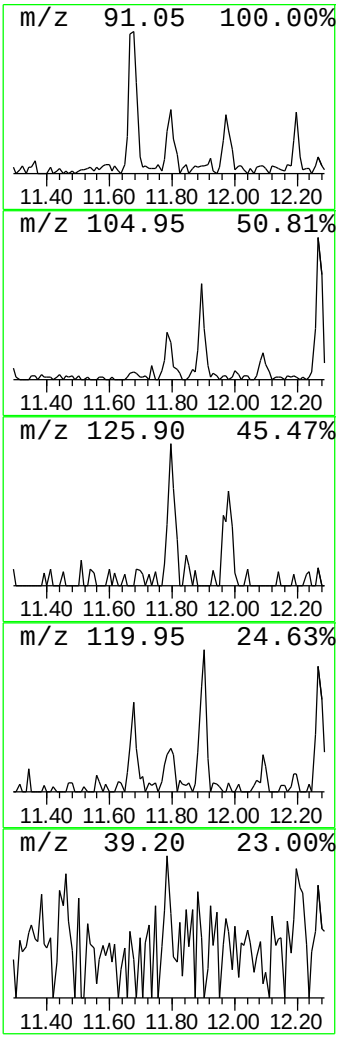
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	18
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	18
3	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	11
4	Benzyl chloride	126	C7H7Cl	000100-44-7	10
5	Germanium tetrachloride	214	Cl4Ge	010038-98-9	9











Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

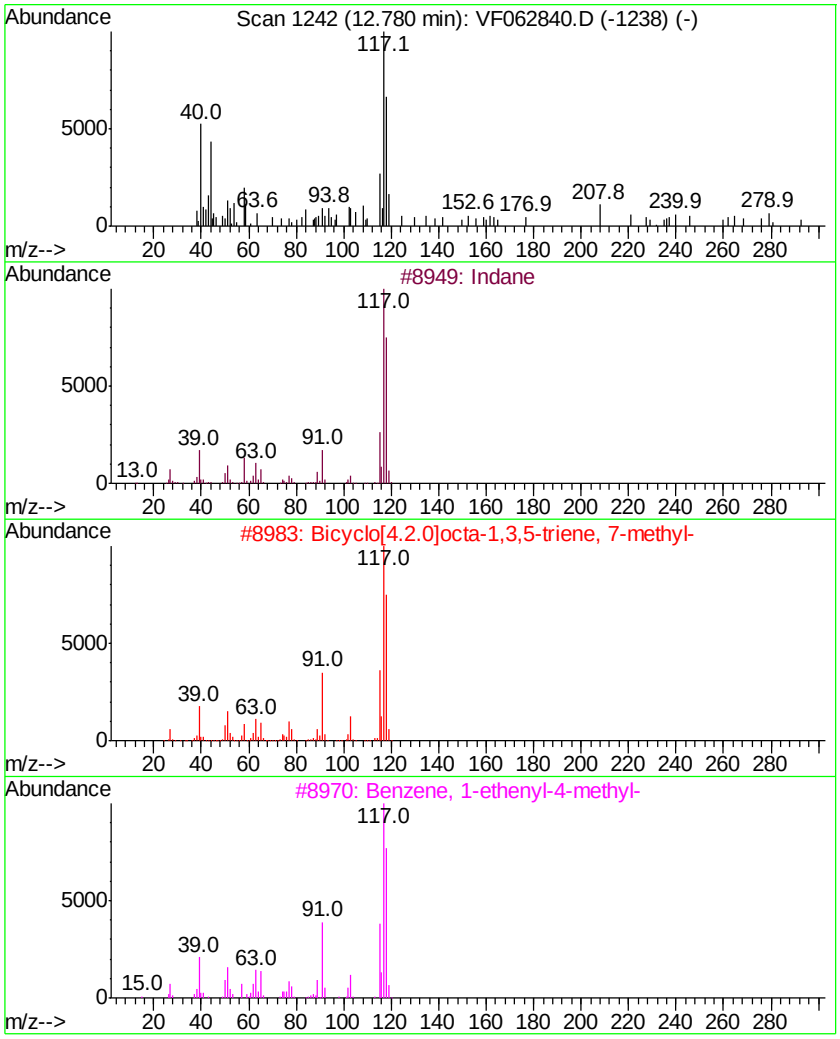
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

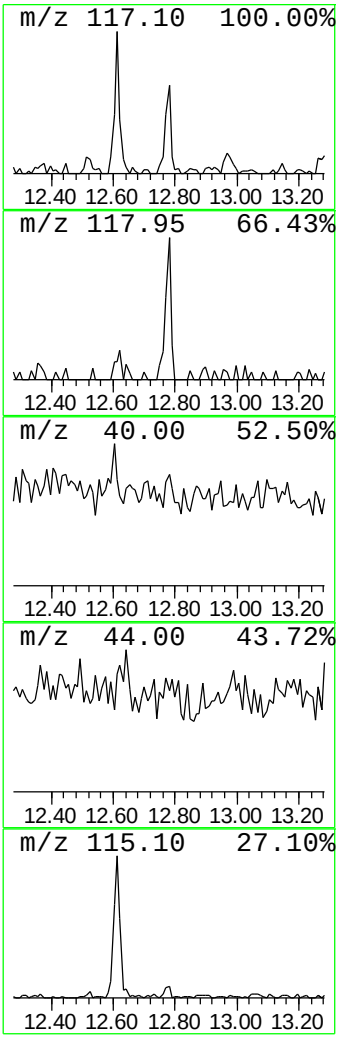
****

Peak Number 2 unknown12.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	5.97 ug/l	24613	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	49
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	49
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

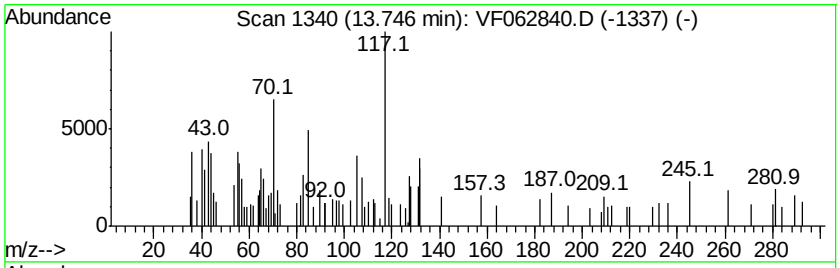
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

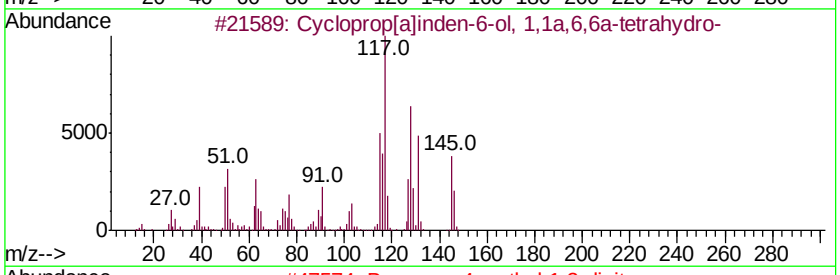
****

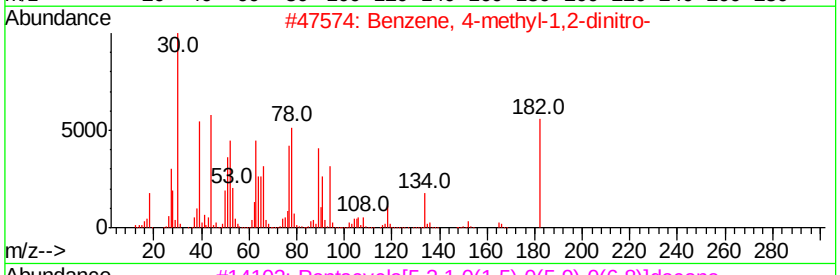
Peak Number 3 unknown13.75 Concentration Rank 4

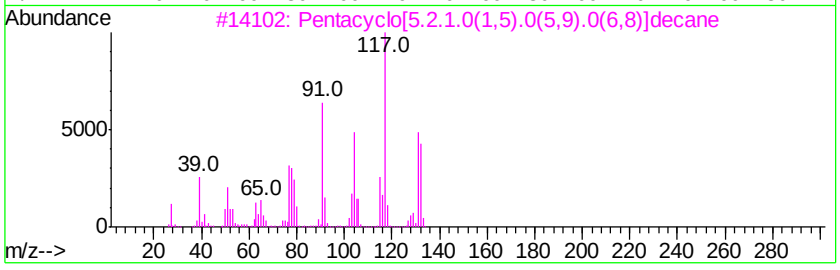
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.57 ug/l	22956	1,4-Dichlorobenzene-d4	12.61

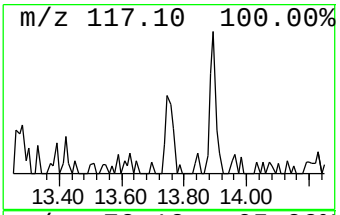
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]inden-6-ol, 1,1a,6,6...	146	C10H10O	022228-27-9	25
2	Benzene, 4-methyl-1,2-dinitro-	182	C7H6N2O4	000610-39-9	22
3	Pentacyclo[5.2.1.0(1,5).0(5,9).0...	132	C10H12	1000185-59-0	22
4	1H-Pyrrole-3,4-dicarbonitrile	117	C6H3N3	125666-25-3	12
5	Lyxitol, 1-thioheptyl-	266	C12H26O4S	1000154-44-3	10

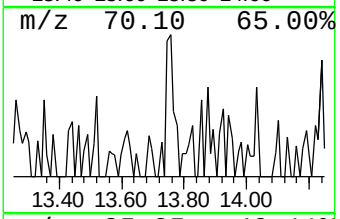


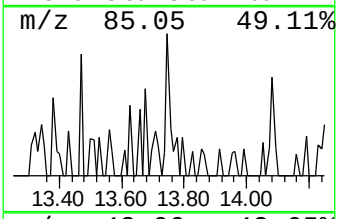


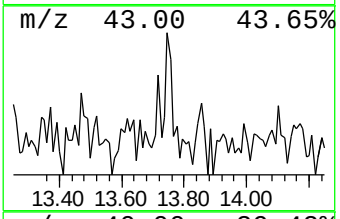


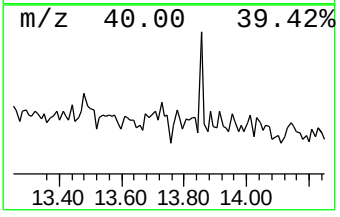












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

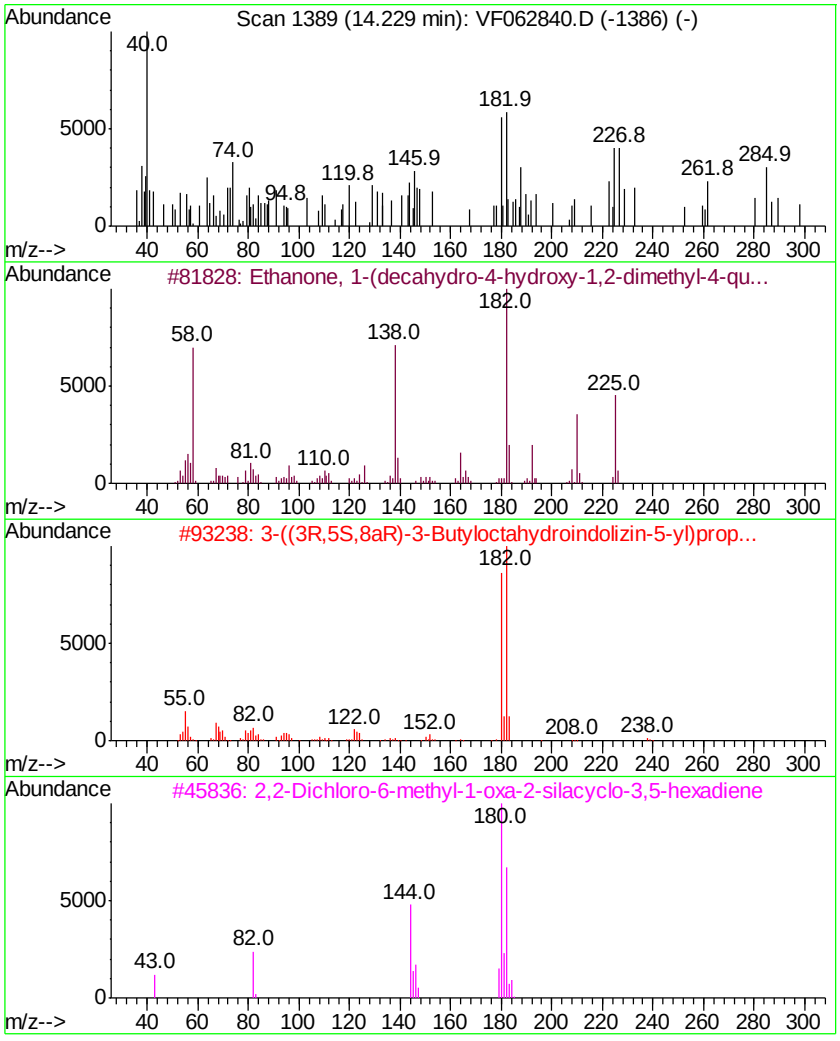
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

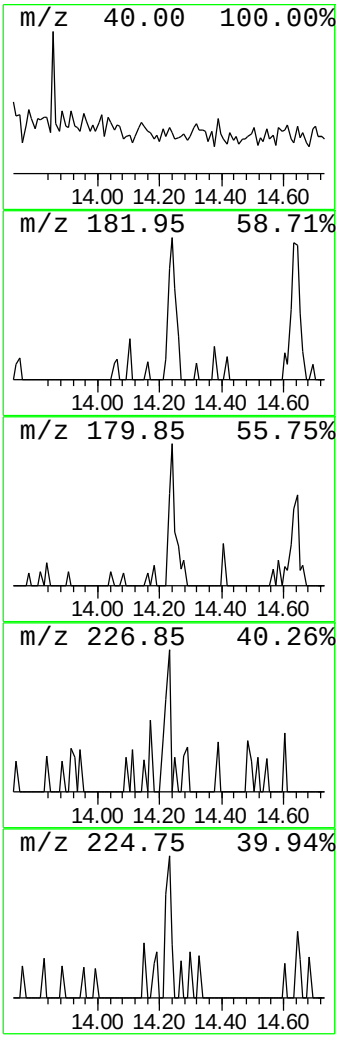
****

Peak Number 4 unknown14.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	6.14 ug/l	25319	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(decahydro-4-hydroxy...	225	C13H23NO2	007220-15-7	14
2	3-((3R,5S,8aR)-3-Butyloctahydroi...	239	C15H29NO	067217-86-1	14
3	2,2-Dichloro-6-methyl-1-oxa-2-si...	180	C5H6Cl2OSi	067608-54-2	11
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	10
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060419\
Data File : VF062840.D
Acq On : 4 Jun 2019 15:52
Operator : FY/SY
Sample : K3171-02
Misc : 4.02g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-03-008-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown11.79	11.79	7.3	ug/l	30158	4	12.61	206162	50.0
unknown12.78	12.78	6.0	ug/l	24613	4	12.61	206162	50.0
unknown13.75	13.75	5.6	ug/l	22956	4	12.61	206162	50.0
unknown14.23	14.23	6.1	ug/l	25319	4	12.61	206162	50.0