LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

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\82F073018S.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	1.092	56	57	60	rVB	5055	4762	5.21%	0.675%
2	1.161	60	64	68	rBV3	3561	11340	12.40%	1.607%
3	1.220	68	70	73	rVV3	4073	9850	10.77%	1.396%
4	1.269	73	75	80	rVB4	5764	13282	14.52%	1.883%
5	1.683	115	117	121	rVB2	1728	3708	4.05%	0.526%
6	1.880	136	137	142	rVB	1234	2517	2.75%	0.357%
7	2.137	161	163	166	rBV	888	1458	1.59%	0.207%
8	2.285	172	178	179	rBV2	1676	3882	4.24%	0.550%
9	2.462	193	196	197	rBV2	1128	1657	1.81%	0.235%
10	2.531	202	203	208	rBV	1024	2656	2.90%	0.376%
11	2.600	208	210	213	rVB2	1672	2317	2.53%	0.328%
12	2.797	225	230	231	rVB	988	2421	2.65%	0.343%
13	2.837	231	234	235	rBV2	1059	1459	1.60%	0.207%
14	3.014	249	252	254	rBV	681	1562	1.71%	0.221%
15	3.073	256	258	262	rVB2	868	1744	1.91%	0.247%
16	3.576	305	309	311	rVB2	1369	2412	2.64%	0.342%
17	3.694	319	321	323	rBV2	806	1437	1.57%	0.204%
18	3.734	323	325	329	rVB	1252	2380	2.60%	0.337%
19	4.069	357	359	361	rBV2	870	1477	1.62%	0.209%
20	4.098	361	362	363	rVV	2379	1560	1.71%	0.221%
21	4.236	375	376	377	rBV	14564	10623	11.62%	1.506%
22	4.276	377	380	388	rVB3	9067	24551	26.85%	3.480%
23	4.759	426	429	430	rBV2	1067	1789	1.96%	0.254%
24	4.916	443	445	447	rBV	1381	1885	2.06%	0.267%
25	5.015	447	455	466	rVB3	27369	91451	100.00%	12.962%
26	5.153	468	469	473	rVB2	1344	1878	2.05%	0.266%
27	5.370	489	491	493	rBV	876	1468	1.61%	0.208%
28	5.744	522	529	535	rBV	22824	64873	70.94%	9.195%
29	5.823	535	537	540	rVB4	771	1502	1.64%	0.213%
30	5.922	543	547	548	rVB2	1412	1686	1.84%	0.239%
31	5.961	548	551	553	rBV	1199	2103	2.30%	0.298%
32	6.129	565	568	569	rVB2	999	1434	1.57%	0.203%
33	6.503	602	606	610	rVB2	1095	2649	2.90%	0.375%
34	6.641	619	620	625	rBV	705	1481	1.62%	0.210%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

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\82F073018S.M
Title : SW846 8260

35	6.858	638	642	644	rBV	1218	2890	3.16%	0.410%
36	6.986	651	655	656	rBV2	1011	1961	2.14%	0.278%
37	7.095	662	666	667	rBV	1222	2530	2.77%	0.359%
38	7.184	672	675	678	rVB	1040	2018	2.21%	0.286%
39	7.262	681	683	686	rBV	825	1688	1.85%	0.239%
40	7.627	716	720	721	rVV	1141	1900	2.08%	0.269%
41	7.696	721	727	735	rVV	24187	57637	63.03%	8.169%
42	7.814	735	739	741	rVV2	1097	1579	1.73%	0.224%
43	7.864	741	744	747	rVB2	1133	2212	2.42%	0.314%
44	8.140	770	772	778	rVB3	711	1975	2.16%	0.280%
45	8.347	789	793	794	rBV	1130	1688	1.85%	0.239%
46	8.721	828	831	832	rBV	787	1487	1.63%	0.211%
47	8.810	837	840	842	rBV	1063	2152	2.35%	0.305%
48	9.037	862	863	866	rBV	978	1520	1.66%	0.215%
49	9.303	888	890	893	rVB	1360	2128	2.33%	0.302%
50	9.431	900	903	905	rBV2	1029	1574	1.72%	0.223%
51	9.569	914	917	919	rVB2	1087	1969	2.15%	0.279%
52	9.608	919	921	922	rBV	1981	2187	2.39%	0.310%
53	9.904	946	951	958	rVB	27271	59939	65.54%	8.496%
54	10.072	965	968	969	rVB	874	1407	1.54%	0.199%
55	10.446	1003	1006	1008	rVV2	1855	3948	4.32%	0.560%
56	10.505	1010	1012	1015	rVB2	991	1486	1.62%	0.211%
57	10.722	1031	1034	1035	rBV2	1090	1517	1.66%	0.215%
58	11.225	1084	1085	1088	rVB2	1173	1750	1.91%	0.248%
59	11.284	1088	1091	1096	rBV2	1486	3343	3.66%	0.474%
60	11.373	1098	1100	1103	rBV2	1043	1732	1.89%	0.245%
61	11.501	1109	1113	1119	rVB	19809	34650	37.89%	4.911%
62	11.580	1119	1121	1123	rBV2	1380	2025	2.21%	0.287%
63	11.629	1123	1126	1130	rBV2	1318	4289	4.69%	0.608%
64	11.738	1134	1137	1139	rBV3	2978	6056	6.62%	0.858%
65	11.807	1143	1144	1149	rVB3	3113	4374	4.78%	0.620%
66	12.102	1172	1174	1178	rVV2	1379	1991	2.18%	0.282%
67	12.270	1187	1191	1194	rBV	1945	4395	4.81%	0.623%
68	12.309	1194	1195	1198	rVV2	1629	1873	2.05%	0.265%
69	12.477	1211	1212	1215	rBV2	1203	2086	2.28%	0.296%
70	12.585	1220	1223	1224	rVV2	1305	1924	2.10%	0.273%
71	12.625	1224	1227	1235	rVB	28936	49724	54.37%	7.048%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

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\82F073018S.M
Title : SW846 8260

72	12.753	1237	1240	1241	rBV	1401	1634	1.79%	0.232%
73	12.802	1241	1245	1246	rBV3	1815	3149	3.44%	0.446%
74	12.930	1256	1258	1261	rVV2	1186	1667	1.82%	0.236%
75	13.078	1270	1273	1274	rBV	1120	1517	1.66%	0.215%
76	13.167	1280	1282	1284	rVB	1235	1481	1.62%	0.210%
77	13.256	1288	1291	1292	rBV	1256	1552	1.70%	0.220%
78	13.394	1303	1305	1310	rVB2	1984	4189	4.58%	0.594%
79	13.473	1310	1313	1314	rBV	1555	3320	3.63%	0.471%
80	13.640	1328	1330	1331	rVB2	3072	3113	3.40%	0.441%
81	13.660	1331	1332	1334	rBV	2656	3088	3.38%	0.438%
82	13.729	1335	1339	1340	rBV	3684	5776	6.32%	0.819%
83	13.768	1340	1343	1348	rVB4	6689	13030	14.25%	1.847%
84	14.123	1377	1379	1381	rBV2	9224	8173	8.94%	1.158%
85	14.192	1384	1386	1387	rVB	1766	1575	1.72%	0.223%
86	14.291	1394	1396	1399	rVB2	1541	1592	1.74%	0.226%
87	14.360	1401	1403	1406	rBV2	1840	2594	2.84%	0.368%
88	14.409	1406	1408	1409	rBV	1828	2563	2.80%	0.363%
89	14.508	1415	1418	1423	rBV	34113	53930	58.97%	7.644%
90	14.606	1426	1428	1430	rVB	2553	2277	2.49%	0.323%
91	14.655	1431	1433	1437	rBV2	1391	3117	3.41%	0.442%
92	14.843	1450	1452	1453	rVB	2662	1817	1.99%	0.258%
93	14.872	1453	1455	1456	rBV2	2369	2418	2.64%	0.343%
94	14.961	1461	1464	1465	rVV2	1859	2773	3.03%	0.393%
95	15.040	1470	1472	1473	rVB2	1762	1577	1.72%	0.224%
96	15.099	1476	1478	1480	rVB	2514	2662	2.91%	0.377%
97	15.138	1480	1482	1483	rBV2	2964	3434	3.76%	0.487%
98	15.168	1483	1485	1486	rBV2	2037	1763	1.93%	0.250%
99	15.572	1524	1526	1529	rBV2	2177	3034	3.32%	0.430%
100	15.789	1546	1548	1549	rBV2	2768	3844	4.20%	0.545%

Sum of corrected areas: 705517

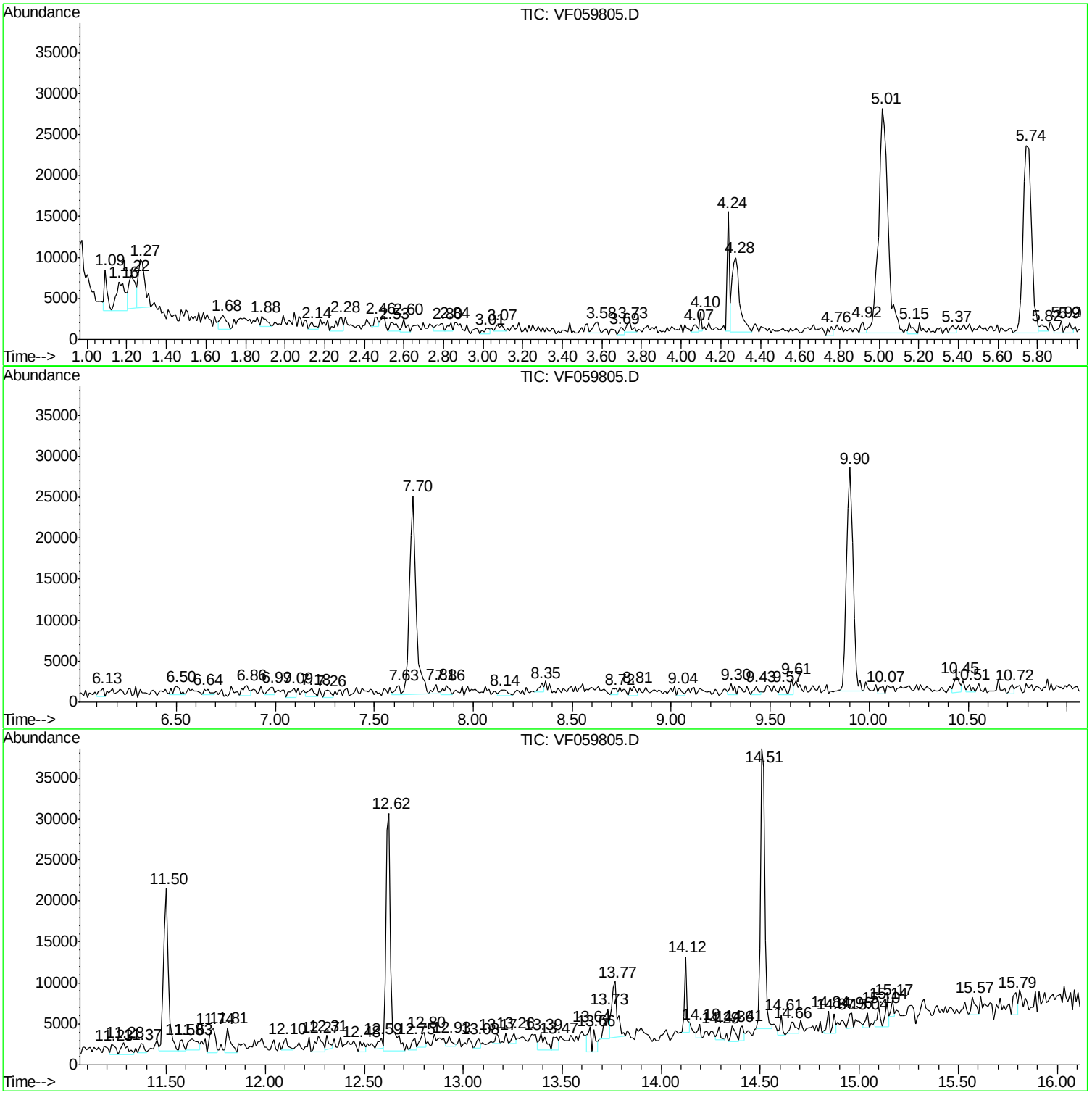
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

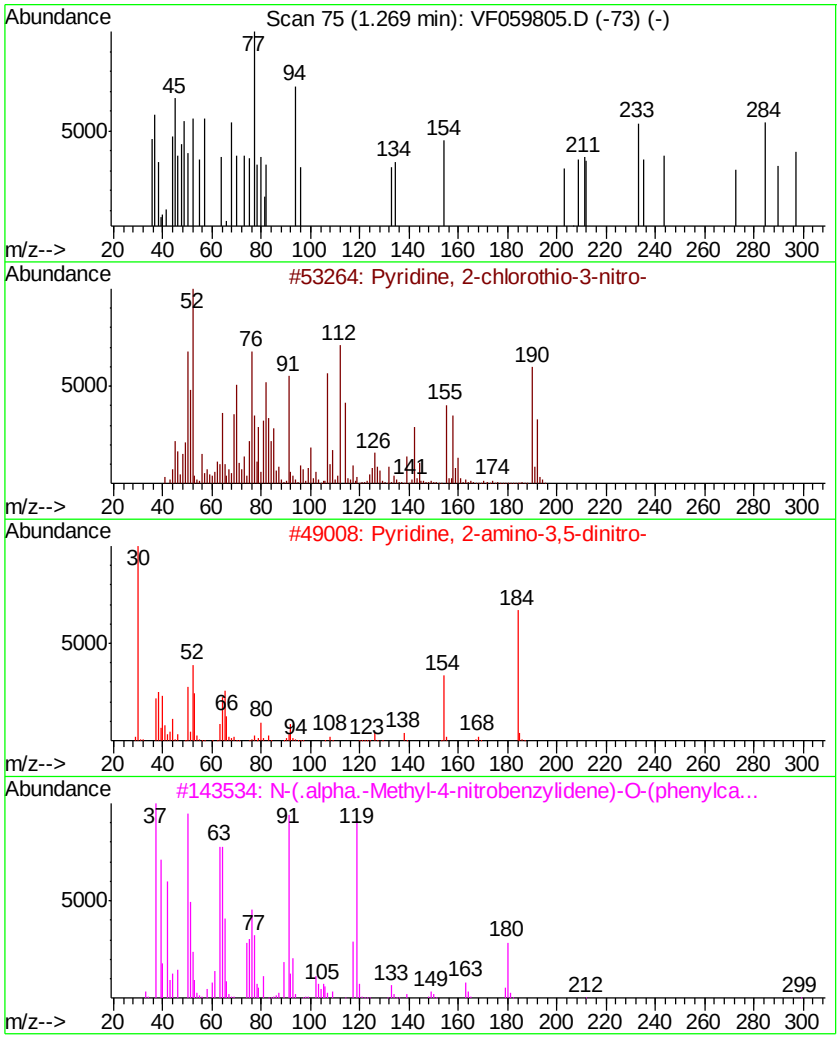
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

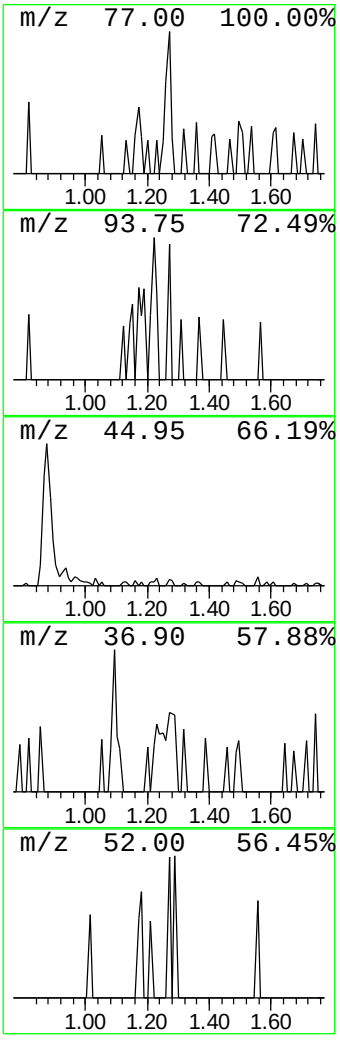
****

Peak Number 3 unknown1.27 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	7.26 ug/l	13282	Pentafluorobenzene	5.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-chlorothio-3-nitro-	190	C5H3ClN2O2S	068206-45-1	38
2	Pyridine, 2-amino-3,5-dinitro-	184	C5H4N4O4	003073-30-1	25
3	N-(.alpha.-Methyl-4-nitrobenzyli...	299	C15H13N3O4	1000223-36-2	16
4	1,5-Hexadiyne	78	C6H6	000628-16-0	16
5	Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

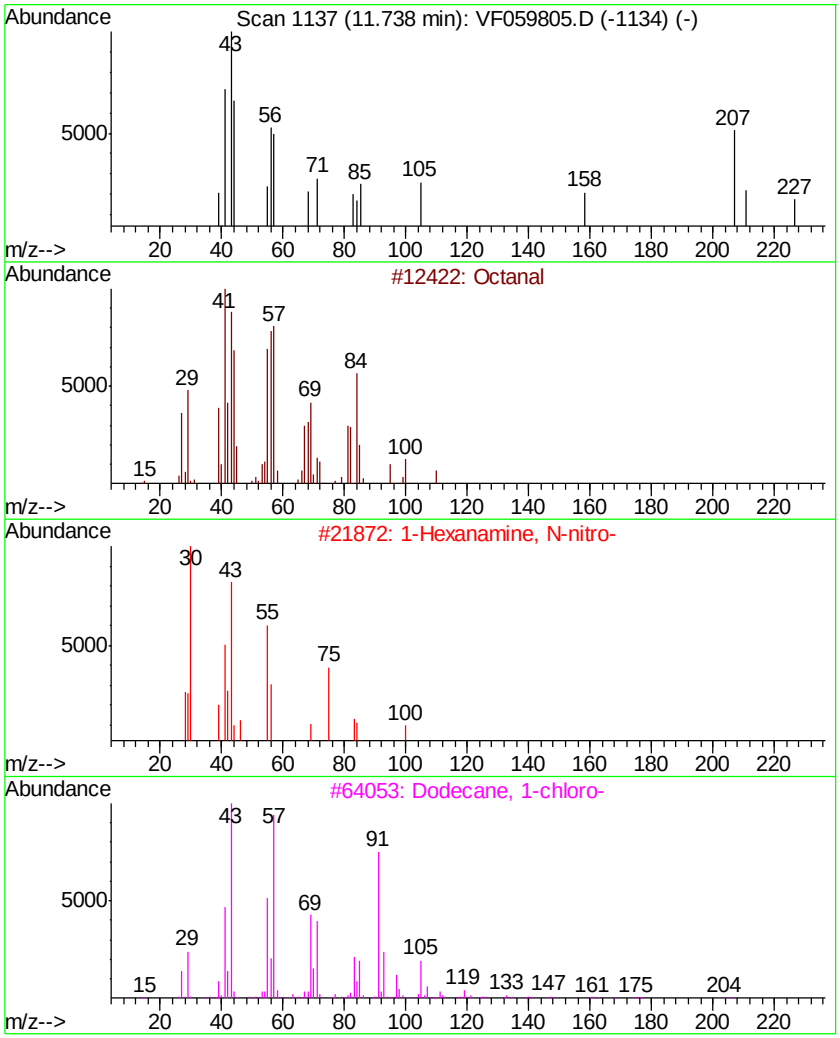
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

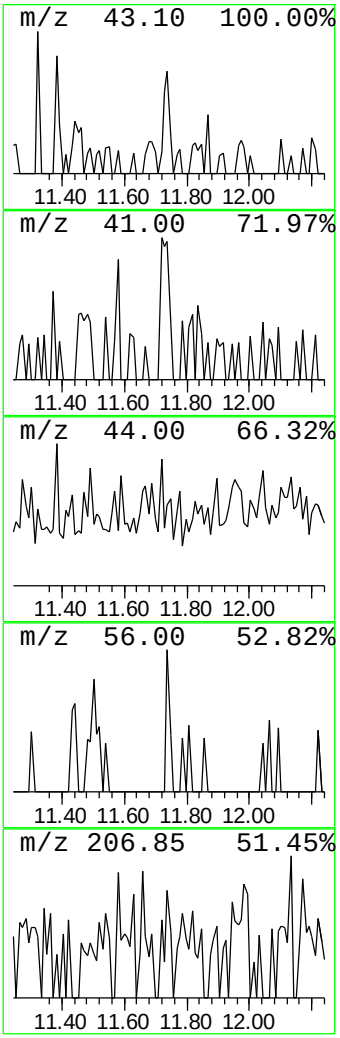
****

Peak Number 4 column bleed11.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.09 ug/l	6056	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	27
2	1-Hexanamine, N-nitro-	146	C6H14N2O2	098275-81-1	10
3	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	10
4	3-(1-Ethoxy)-ethylidene-1,5,5-tr...	211	C11H17NO3	1000287-27-1	10
5	Selenomethionine, methyl ester	211	C6H13NO2Se	1000378-74-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

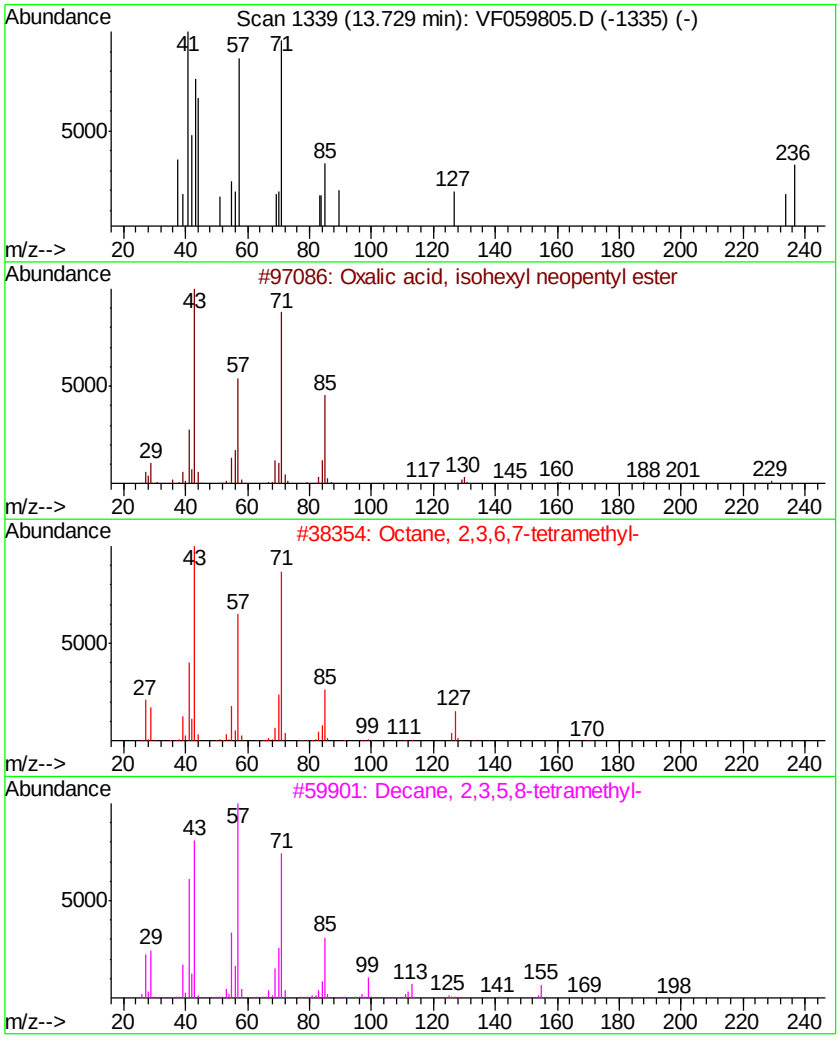
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

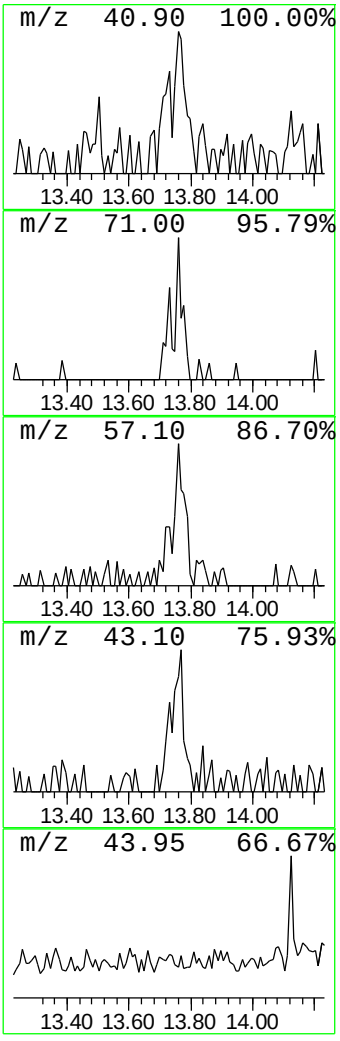
****

Peak Number 5 unknown13.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.81 ug/l	5776	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	22
2	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	16
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	14
4	tert-Nonyl mercaptan	160	C9H20S	025360-10-5	10
5	Oxalic acid, octyl propyl ester	244	C13H24O4	1000309-26-1	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

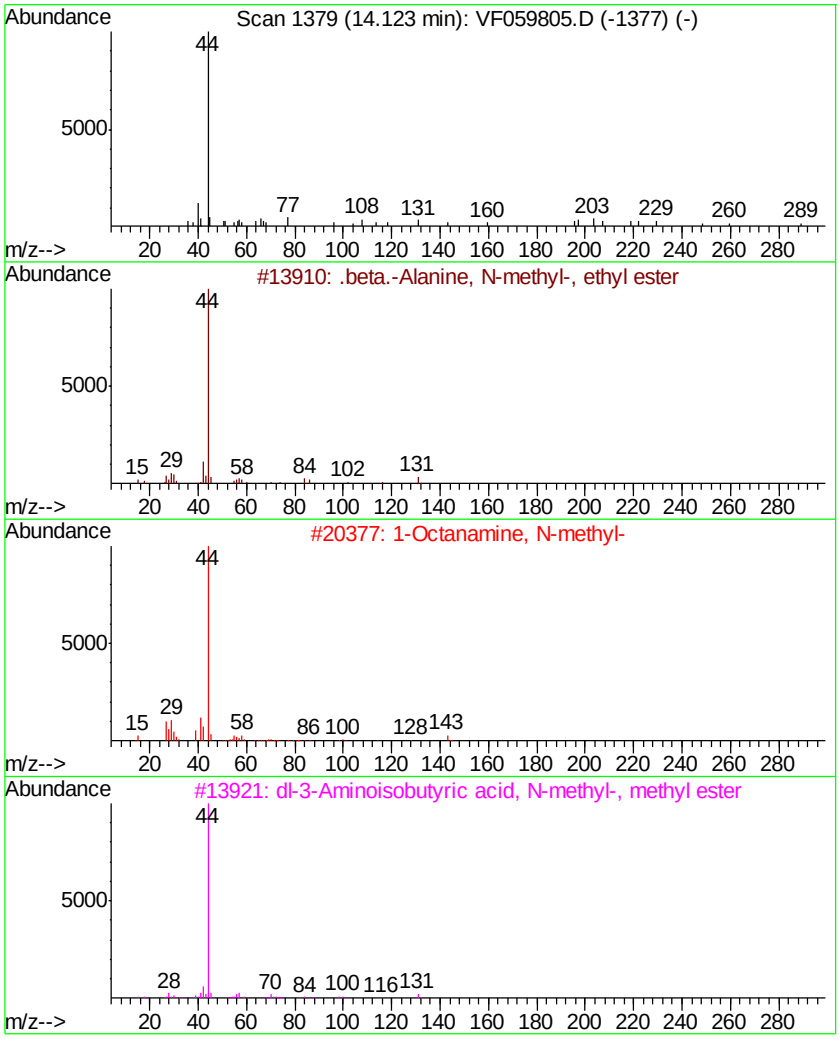
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

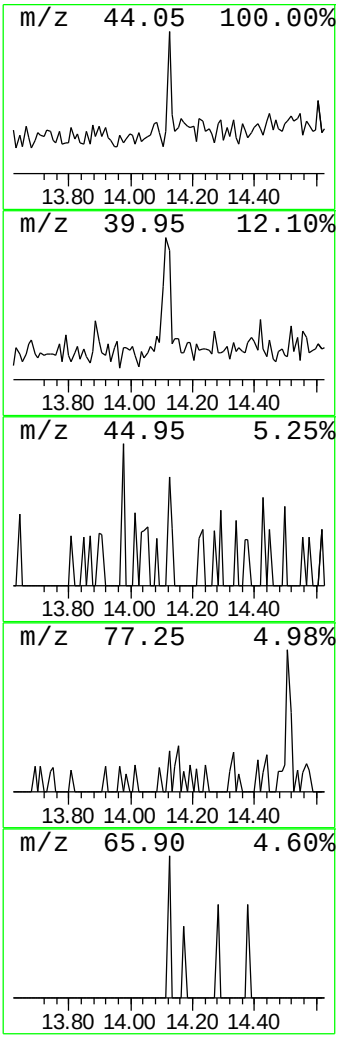
****

Peak Number 7 .beta.-Alanine, N-methyl-, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	8.22 ug/l	8173	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Alanine, N-methyl-, ethyl...	131	C6H13NO2	002213-08-3	53
2	1-Octanamine, N-methyl-	143	C9H21N	002439-54-5	42
3	dl-3-Aminoisobutyric acid, N-met...	131	C6H13NO2	1000332-87-9	9
4	12-Methylaminolauric acid	229	C13H27NO2	007408-81-3	9
5	1-Propanamine, N,2-dimethyl-	87	C5H13N	000625-43-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059805.D
Acq On : 2 Aug 2018 17:21
Operator : VA/AP
Sample : J4231-21
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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
unknown1.27	1.27	7.3	ug/l	13282	1	5.01	91451	50.0
column bleed11.74	11.74	6.1	ug/l	6056	4	12.62	49724	50.0
unknown13.73	13.73	5.8	ug/l	5776	4	12.62	49724	50.0
.beta.-Alanine, N...	14.12	8.2	ug/l	8173	4	12.62	49724	50.0