LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
Data File : VF062389.D
Acq On : 8 May 2019 20:48
Operator : FY/SY
Sample : K2672-03
Misc : 5.07g/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-02-1.0-1.5

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_X\METHOD\82F050619S.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	1.061	52	54	56	rVB3	2053	2541	1.52%	0.215%
2	1.110	56	59	60	rBV3	6466	10813	6.45%	0.913%
3	1.209	67	69	70	rBV	3584	2803	1.67%	0.237%
4	2.303	176	180	182	rVB3	8907	18247	10.89%	1.541%
5	2.481	195	198	199	rBV3	3428	4622	2.76%	0.390%
6	2.609	208	211	212	rBV3	1471	2435	1.45%	0.206%
7	2.638	212	214	217	rBV3	1637	3034	1.81%	0.256%
8	3.220	271	273	276	rVB3	1637	2423	1.45%	0.205%
9	3.269	276	278	282	rBV4	1461	3928	2.34%	0.332%
10	3.486	297	300	302	rBV3	2476	4662	2.78%	0.394%
11	3.565	304	308	309	rBV2	2550	2279	1.36%	0.192%
12	3.762	323	328	329	rBV3	1332	2368	1.41%	0.200%
13	4.284	376	381	389	rVB2	20076	61175	36.50%	5.165%
14	4.531	403	406	408	rVB3	1792	3175	1.89%	0.268%
15	4.590	410	412	415	rVB3	1744	2831	1.69%	0.239%
16	4.629	415	416	420	rVB4	1645	3100	1.85%	0.262%
17	4.689	420	422	424	rBV3	2027	3167	1.89%	0.267%
18	5.034	450	457	469	rVB3	50915	167596	100.00%	14.150%
19	5.172	469	471	474	rVB3	1463	2402	1.43%	0.203%
20	5.369	489	491	495	rVB2	1867	3660	2.18%	0.309%
21	5.438	495	498	499	rBV2	2033	2960	1.77%	0.250%
22	5.605	514	515	518	rBV3	1652	2871	1.71%	0.242%
23	5.645	518	519	520	rVV	22497	14095	8.41%	1.190%
24	5.753	524	530	537	rVB	50359	124677	74.39%	10.527%
25	5.832	537	538	541	rBV3	1689	3063	1.83%	0.259%
26	6.108	564	566	569	rBV3	1589	2411	1.44%	0.204%
27	6.453	598	601	604	rBV3	2088	5587	3.33%	0.472%
28	6.581	611	614	617	rVB3	1317	2939	1.75%	0.248%
29	6.630	617	619	622	rVB3	2528	4086	2.44%	0.345%
30	6.749	630	631	634	rVB3	2477	2927	1.75%	0.247%
31	6.788	634	635	637	rBV2	1985	2535	1.51%	0.214%
32	6.926	646	649	653	rVB3	2777	6981	4.17%	0.589%
33	6.985	653	655	656	rBV	2394	3640	2.17%	0.307%
34	7.015	656	658	661	rVB3	1594	2687	1.60%	0.227%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Title : SW846 8260

35	7.104	663	667	668	rBV3	1601	3266	1.95%	0.276%
36	7.173	672	674	677	rBV3	1860	3671	2.19%	0.310%
37	7.291	684	686	689	rVB3	2988	5185	3.09%	0.438%
38	7.330	689	690	692	rBV3	2520	3758	2.24%	0.317%
39	7.419	698	699	703	rVB3	1671	3433	2.05%	0.290%
40	7.636	719	721	722	rBV	2532	4020	2.40%	0.339%
41	7.695	722	727	735	rBV	43476	104034	62.07%	8.784%
42	7.882	743	746	747	rBV2	2769	4169	2.49%	0.352%
43	7.922	747	750	751	rBV3	1740	2837	1.69%	0.240%
44	7.991	756	757	760	rVV2	1148	2271	1.36%	0.192%
45	8.060	762	764	767	rVV3	2116	3767	2.25%	0.318%
46	8.129	769	771	773	rVB3	2199	2572	1.53%	0.217%
47	8.267	782	785	787	rVV4	1530	2541	1.52%	0.215%
48	8.326	790	791	793	rVB3	2728	3033	1.81%	0.256%
49	8.375	793	796	798	rBV4	2104	4353	2.60%	0.368%
50	8.533	811	812	813	rBV	4600	3056	1.82%	0.258%
51	8.592	813	818	820	rVB4	3404	9628	5.74%	0.813%
52	8.622	820	821	823	rBV2	2156	3046	1.82%	0.257%
53	8.750	829	834	840	rBV6	9808	30895	18.43%	2.609%
54	9.085	866	868	871	rVB4	2383	4499	2.68%	0.380%
55	9.282	887	888	890	rVV2	2275	3616	2.16%	0.305%
56	9.341	892	894	899	rVV4	2357	4185	2.50%	0.353%
57	9.479	905	908	914	rBV4	2650	7452	4.45%	0.629%
58	9.666	923	927	929	rVB4	2220	3472	2.07%	0.293%
59	9.706	929	931	933	rVB3	1728	2278	1.36%	0.192%
60	9.755	933	936	938	rVB3	1353	2662	1.59%	0.225%
61	9.795	938	940	943	rBV2	5021	5859	3.50%	0.495%
62	9.883	943	949	956	rBV	45611	119519	71.31%	10.091%
63	10.090	968	970	973	rBV3	2284	4121	2.46%	0.348%
64	10.179	976	979	980	rBV3	2875	4319	2.58%	0.365%
65	10.248	985	986	988	rVB2	2312	2437	1.45%	0.206%
66	10.278	988	989	991	rBV	1569	2588	1.54%	0.219%
67	10.337	991	995	1003	rVB8	5721	18578	11.08%	1.569%
68	10.445	1004	1006	1008	rBV2	2299	3163	1.89%	0.267%
69	10.613	1021	1023	1024	rBV2	3025	4132	2.47%	0.349%
70	10.761	1034	1038	1044	rBV9	3513	11802	7.04%	0.996%
71	10.899	1046	1052	1056	rVV7	3825	13319	7.95%	1.125%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Title : SW846 8260

72	11.037	1061	1066	1069	rVV5	3271	8009	4.78%	0.676%
73	11.096	1069	1072	1073	rVB2	2093	2550	1.52%	0.215%
74	11.342	1092	1097	1100	rBV3	13084	24011	14.33%	2.027%
75	11.480	1107	1111	1117	rVV2	34151	62191	37.11%	5.251%
76	11.894	1150	1153	1154	rBV3	1903	3313	1.98%	0.280%
77	11.924	1154	1156	1158	rVB2	2858	3965	2.37%	0.335%
78	12.062	1167	1170	1171	rVB3	3553	5716	3.41%	0.483%
79	12.200	1182	1184	1185	rBV2	2183	2685	1.60%	0.227%
80	12.249	1187	1189	1190	rVB2	3708	3469	2.07%	0.293%
81	12.328	1195	1197	1200	rBV2	2744	5615	3.35%	0.474%
82	12.525	1213	1217	1218	rBV4	3132	5450	3.25%	0.460%
83	12.594	1221	1224	1228	rBV	41852	65539	39.11%	5.534%
84	12.969	1261	1262	1264	rBV2	2828	3576	2.13%	0.302%
85	13.126	1274	1278	1279	rBV4	1800	3483	2.08%	0.294%
86	13.195	1282	1285	1286	rBV3	1662	3428	2.05%	0.289%
87	13.294	1294	1295	1297	rBV	44160	29718	17.73%	2.509%
88	13.412	1306	1307	1310	rBV3	3654	4877	2.91%	0.412%
89	13.836	1348	1350	1352	rBV3	1791	2304	1.37%	0.195%
90	14.230	1388	1390	1393	rVB2	1936	3052	1.82%	0.258%
91	14.280	1393	1395	1398	rBB2	2535	4061	2.42%	0.343%
92	14.477	1414	1415	1417	rVB2	3103	3166	1.89%	0.267%
93	14.526	1417	1420	1421	rBV3	1690	2920	1.74%	0.247%
94	14.713	1438	1439	1441	rBV2	2451	2386	1.42%	0.201%
95	14.782	1444	1446	1448	rVV3	2451	3692	2.20%	0.312%
96	14.842	1450	1452	1455	rBV4	1958	3715	2.22%	0.314%
97	15.068	1473	1475	1478	rBV3	1960	3561	2.12%	0.301%
98	15.256	1493	1494	1497	rVB2	2963	3419	2.04%	0.289%
99	15.492	1517	1518	1520	rBV2	4373	5650	3.37%	0.477%
100	15.601	1527	1529	1530	rBV2	2709	2620	1.56%	0.221%

Sum of corrected areas: 1184397

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
Data File : VF062389.D
Acq On : 8 May 2019 20:48
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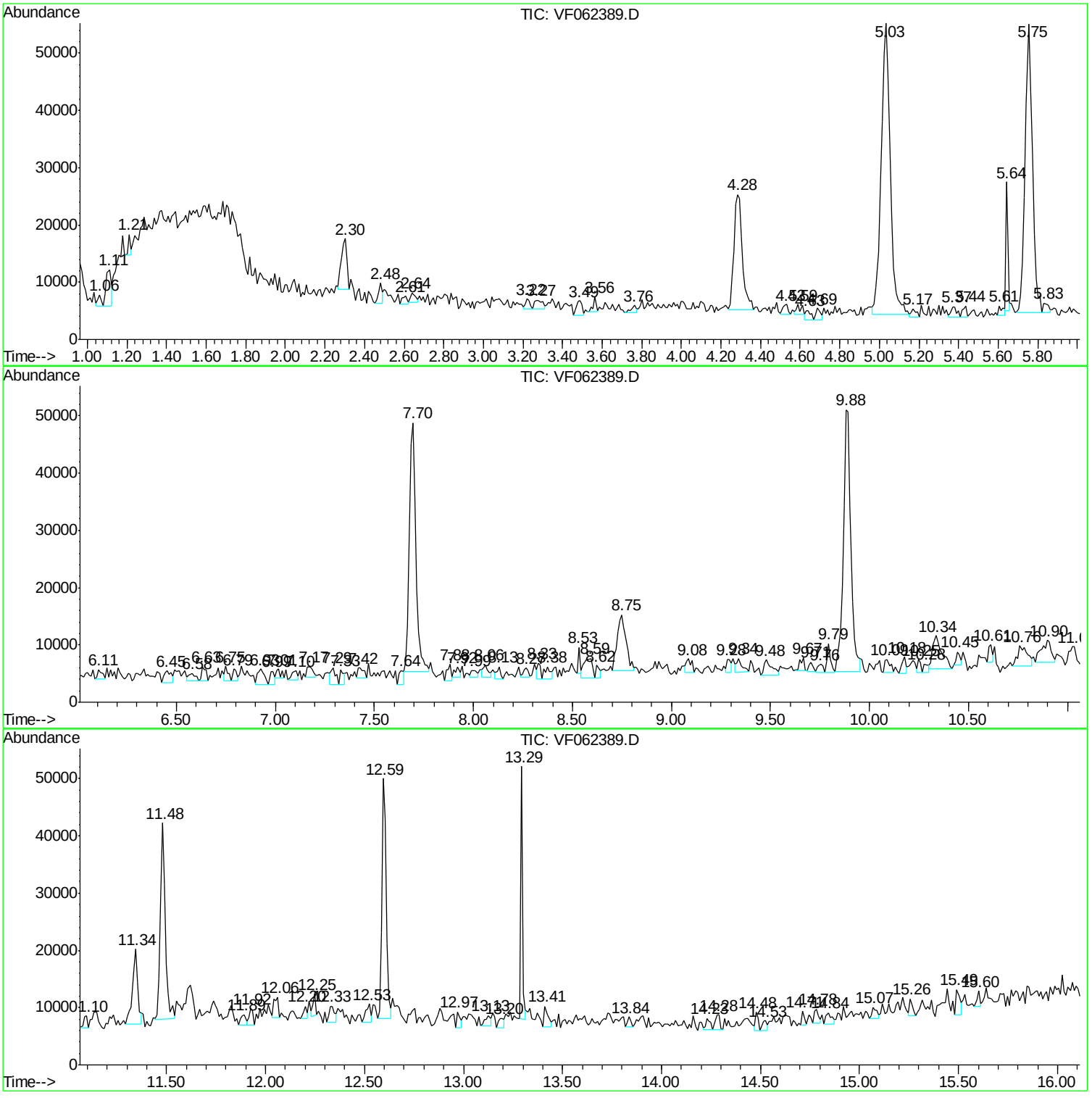
Sample : K2672-03
Misc : 5.07g/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.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\VF050819\
Data File : VF062389.D
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ClientSampleId : SB-02-1.0-1.5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

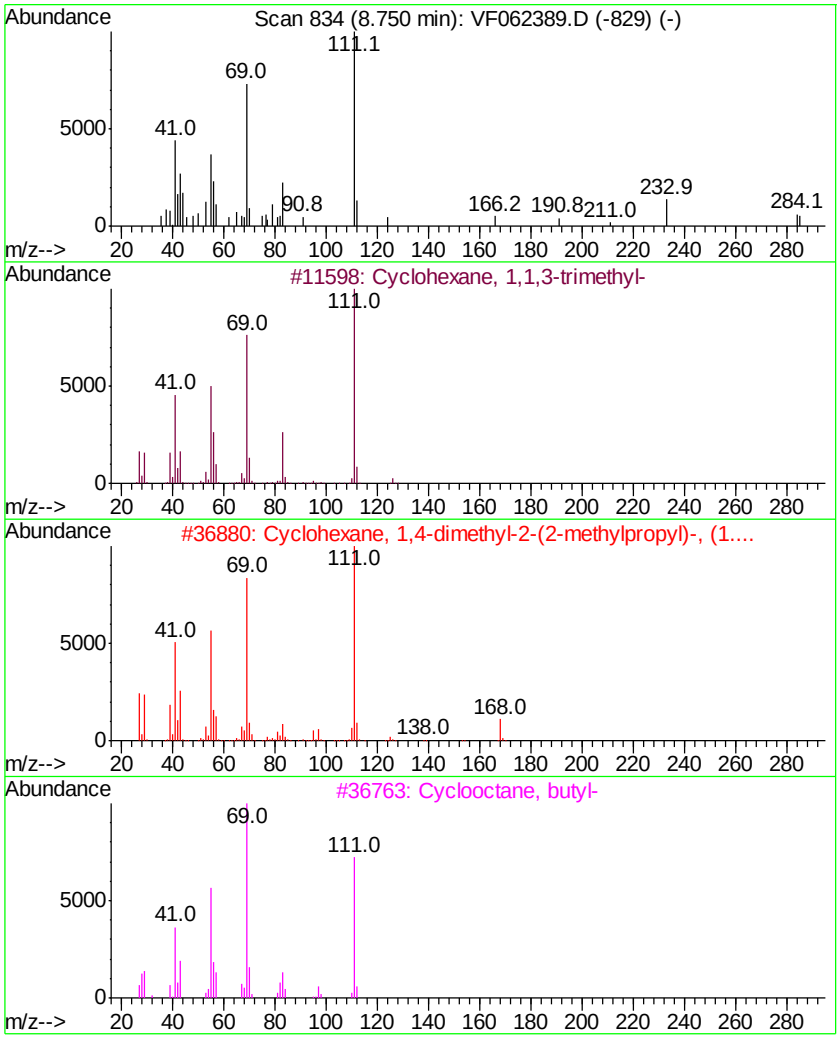
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

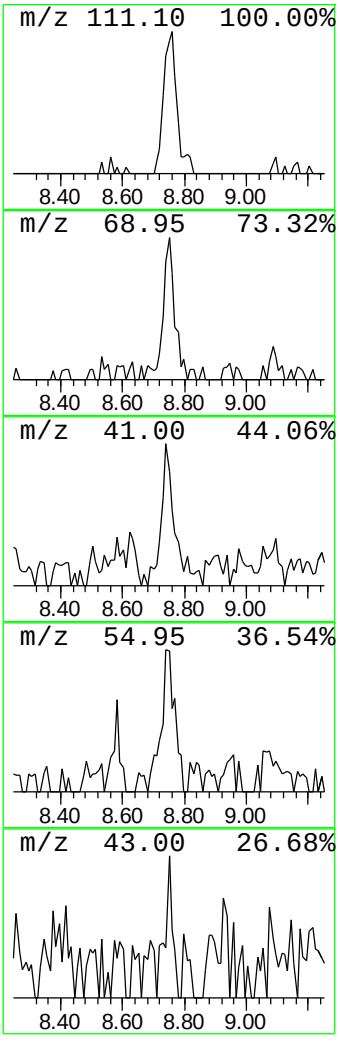
****

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	12.92 ug/l	30895	Chlorobenzene-d5	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	59
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	59
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
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Instrument : MSVOA_F
ClientSampleId : SB-02-1.0-1.5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

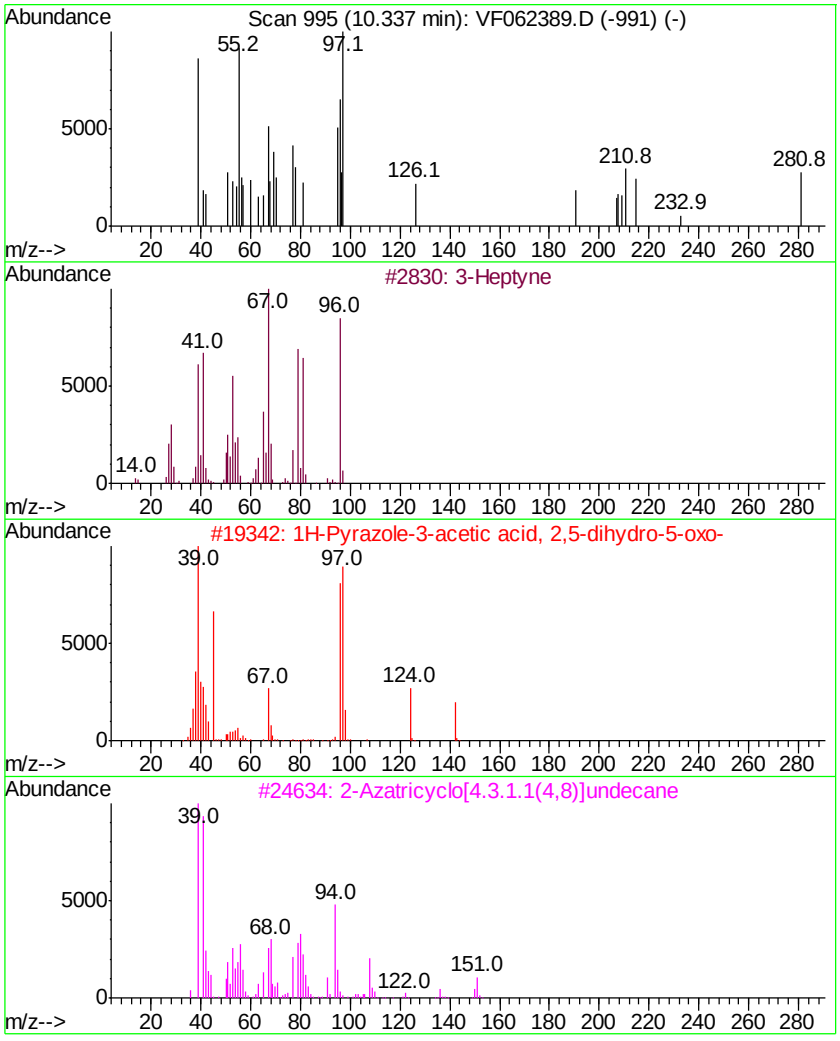
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

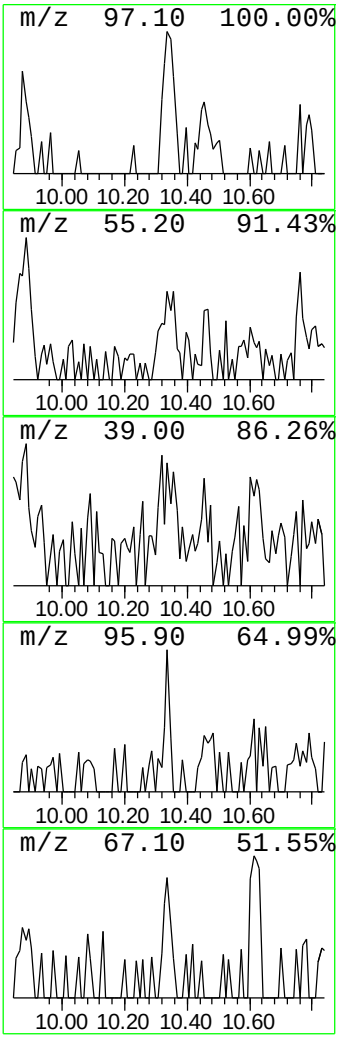
****

Peak Number 3 unknown10.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	7.77 ug/l	18578	Chlorobenzene-d5	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptyne	96	C7H12	002586-89-2	47
2	1H-Pyrazole-3-acetic acid, 2,5-d...	142	C5H6N2O3	1000362-41-0	36
3	2-Azatricyclo[4.3.1.1(4,8)]undecane	151	C10H17N	1000362-59-3	32
4	2-Pentyn-1-ol	84	C5H8O	006261-22-9	32
5	Cyclohex-2-enone, 3-(2H-tetrazol...	179	C7H9N5O	1000311-07-7	32





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Quant Title : SW846 8260

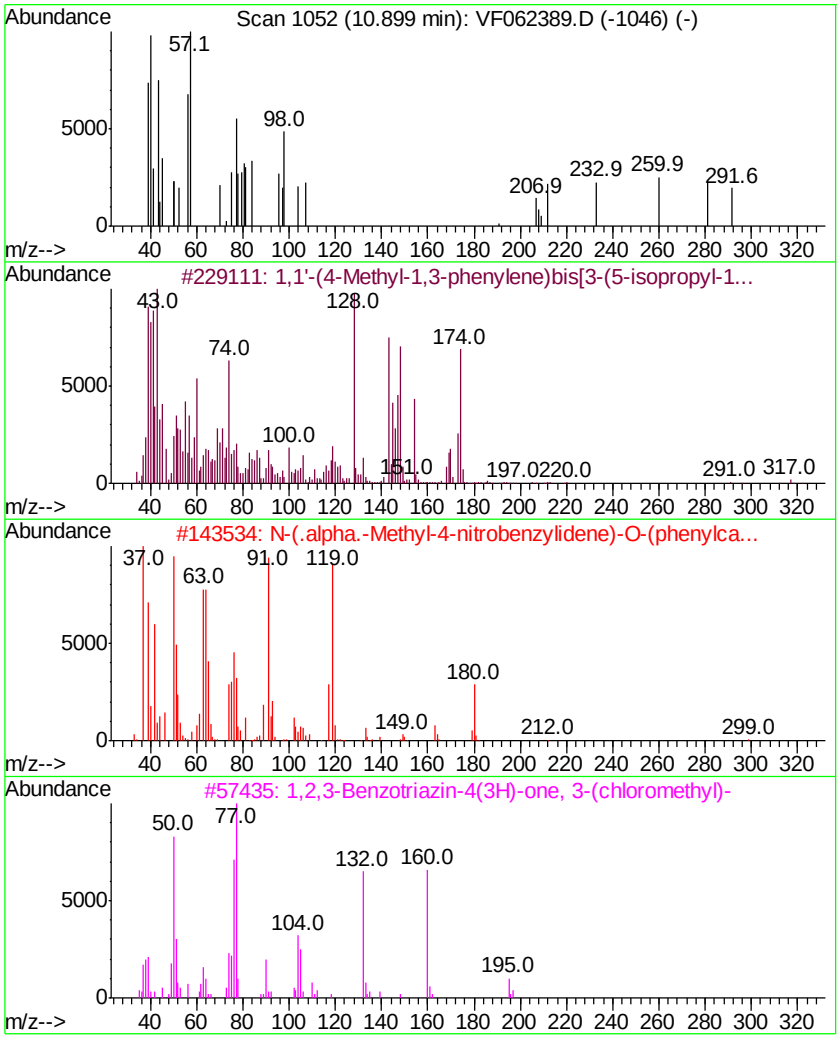
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

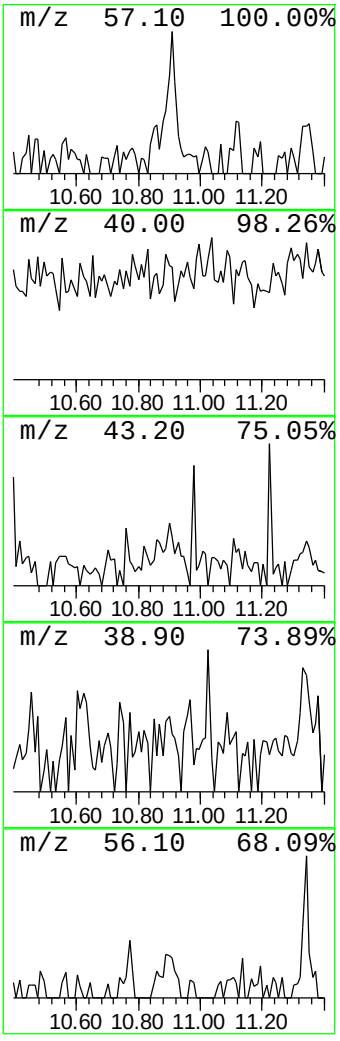
****

Peak Number 4 unknown10.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.57 ug/l	13319	Chlorobenzene-d5	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-(4-Methyl-1,3-phenylene)bis...	460	C19H24N8O2S2	1000224-58-4	25
2	N-(.alpha.-Methyl-4-nitrobenzyli...	299	C15H13N3O4	1000223-36-2	10
3	1,2,3-Benzotriazin-4(3H)-one, 3-...	195	C8H6ClN3O	024310-41-6	9
4	Allene	40	C3H4	000463-49-0	5
5	Propyne	40	C3H4	000074-99-7	5





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Quant Title : SW846 8260

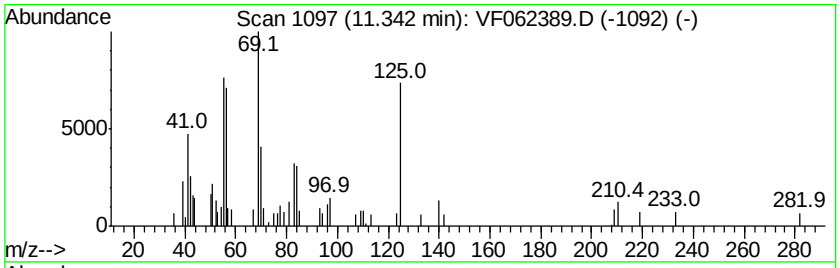
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

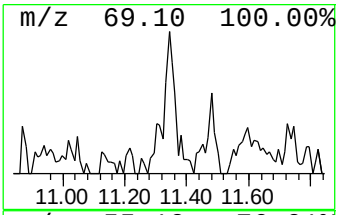
****

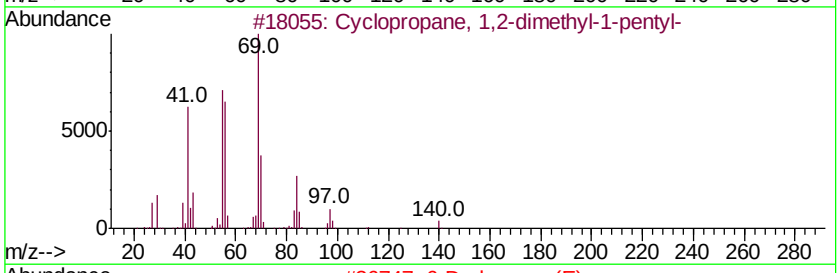
Peak Number 5 Cyclopropane, 1,2-dimethyl-... Concentration Rank 2

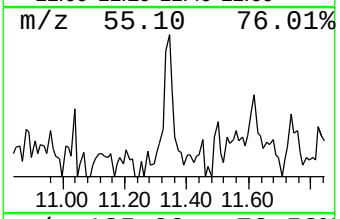
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	18.32 ug/l	24011	1,4-Dichlorobenzene-d4	12.59

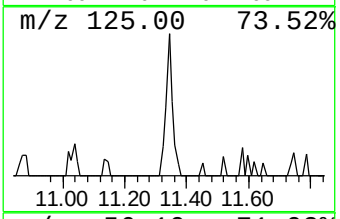
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	58
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	47
3	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	47
4	3-Nonene, 2-methyl-	140	C10H20	053966-53-3	43
5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	43

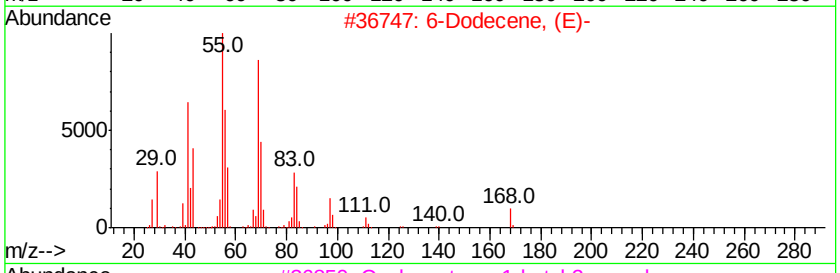


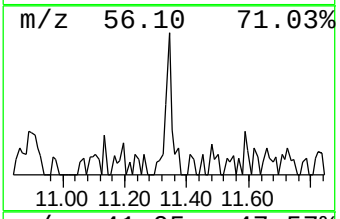


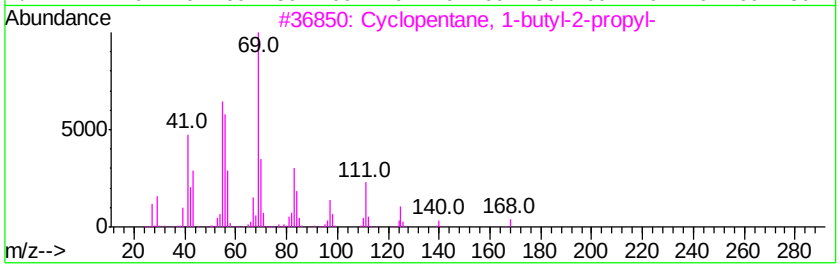


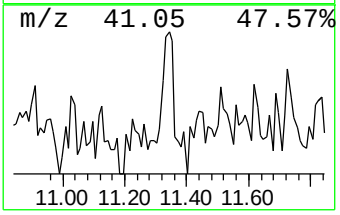












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
Data File : VF062389.D
Acq On : 8 May 2019 20:48
Operator : FY/SY
Sample : K2672-03
Misc : 5.07g/5mL/MSVOA_F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-02-1.0-1.5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.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
Cyclohexane, 1,1,...	8.75	12.9	ug/l	30895	3	9.89	119519	50.0
unknown10.34	10.34	7.8	ug/l	18578	3	9.89	119519	50.0
unknown10.90	10.90	5.6	ug/l	13319	3	9.89	119519	50.0
Cyclopropane, 1,2...	11.34	18.3	ug/l	24011	4	12.59	65539	50.0