LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021478.D
Acq On : 18 Dec 2021 15:54
Operator : SY/VA
Sample : M5154-06
Misc : 5.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

Signal : TIC: VW021478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	70	73	80	rVB	3034	4449	13.76%	1.533%
2	2.794	144	146	151	rVB	118	197	0.61%	0.068%
3	2.837	151	153	156	rBV	97	139	0.43%	0.048%
4	2.897	156	163	169	rBV	1897	3447	10.66%	1.187%
5	3.086	192	194	198	rBB	74	119	0.37%	0.041%
6	3.336	233	235	238	rBB	75	97	0.30%	0.033%
7	4.031	341	349	360	rBB2	3769	9847	30.46%	3.392%
8	4.111	360	362	363	rBV	166	138	0.43%	0.048%
9	4.769	468	470	472	rBB	124	109	0.34%	0.038%
10	4.848	481	483	486	rBB	96	101	0.31%	0.035%
11	4.928	492	496	501	rBV3	196	395	1.22%	0.136%
12	5.007	506	509	512	rBB3	127	164	0.51%	0.056%
13	5.043	512	515	517	rBV3	66	110	0.34%	0.038%
14	5.086	521	522	525	rBV	141	149	0.46%	0.051%
15	5.165	534	535	537	rBV	142	98	0.30%	0.034%
16	5.306	556	558	559	rBV	145	127	0.39%	0.044%
17	5.367	564	568	571	rBB2	142	226	0.70%	0.078%
18	5.507	588	591	592	rBV2	110	108	0.33%	0.037%
19	5.635	610	612	614	rBV	119	110	0.34%	0.038%
20	5.653	614	615	619	rVB	121	129	0.40%	0.044%
21	5.696	619	622	623	rBB	119	107	0.33%	0.037%
22	5.745	628	630	633	rBV2	130	153	0.47%	0.053%
23	5.781	634	636	638	rVB	136	101	0.31%	0.035%
24	5.940	661	662	664	rBB	136	94	0.29%	0.032%
25	6.007	671	673	674	rBV	161	117	0.36%	0.040%
26	6.135	691	694	695	rBV	134	152	0.47%	0.052%
27	6.147	695	696	698	rVV	125	112	0.35%	0.039%
28	6.263	713	715	718	rBB	77	98	0.30%	0.034%
29	6.336	724	727	729	rBV	122	164	0.51%	0.056%
30	6.494	751	753	756	rBB	90	95	0.29%	0.033%
31	6.549	760	762	764	rBB	122	104	0.32%	0.036%
32	6.574	764	766	768	rBV	144	121	0.37%	0.042%
33	6.659	778	780	782	rBV	124	115	0.36%	0.040%
34	6.750	792	795	799	rBB	96	150	0.46%	0.052%
35	6.866	813	814	817	rBV	120	106	0.33%	0.037%
36	7.019	838	839	842	rBB	116	95	0.29%	0.033%

LSC Area Percent Report

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Operator : SY/VA
Sample : M5154-06
Misc : 5.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

37	7.092	843	851	854	rBV4	677	1653	5.11%	0.569%
38	7.147	858	860	863	rVB	269	235	0.73%	0.081%
39	7.177	863	865	868	rBB	85	97	0.30%	0.033%
40	7.482	913	915	918	rBB	129	131	0.41%	0.045%
41	7.653	934	943	951	rBV	5351	12717	39.34%	4.381%
42	7.854	975	976	979	rBB	135	99	0.31%	0.034%
43	7.964	992	994	996	rBB	136	116	0.36%	0.040%
44	7.988	996	998	1001	rBV	80	120	0.37%	0.041%
45	8.092	1013	1015	1016	rBV	158	112	0.35%	0.039%
46	8.195	1029	1032	1036	rBB	152	173	0.54%	0.060%
47	8.281	1037	1046	1059	rBV4	10194	32324	100.00%	11.135%
48	8.653	1104	1107	1108	rVB4	140	114	0.35%	0.039%
49	8.842	1132	1138	1146	rBV	9847	18991	58.75%	6.542%
50	8.902	1146	1148	1150	rVB	131	95	0.29%	0.033%
51	8.982	1159	1161	1163	rBB	137	96	0.30%	0.033%
52	9.201	1193	1197	1199	rBB	117	127	0.39%	0.044%
53	9.274	1202	1209	1216	rBB2	6799	13397	41.45%	4.615%
54	9.409	1229	1231	1232	rBV2	115	92	0.28%	0.032%
55	9.457	1236	1239	1240	rBV2	66	91	0.28%	0.031%
56	9.939	1316	1318	1321	rBV	123	159	0.49%	0.055%
57	10.036	1329	1334	1341	rBB3	3174	5810	17.97%	2.001%
58	10.323	1375	1381	1389	rBV	15975	27668	85.60%	9.531%
59	10.579	1418	1423	1430	rBB2	1752	3103	9.60%	1.069%
60	10.695	1439	1442	1447	rBB	170	289	0.89%	0.100%
61	10.927	1473	1480	1488	rBV2	2269	3518	10.88%	1.212%
62	11.091	1502	1507	1509	rBV2	140	259	0.80%	0.089%
63	11.128	1509	1513	1514	rVB2	161	175	0.54%	0.060%
64	11.146	1514	1516	1518	rBB	184	127	0.39%	0.044%
65	11.176	1518	1521	1523	rBB	133	152	0.47%	0.052%
66	11.195	1523	1524	1529	rBB	172	171	0.53%	0.059%
67	11.298	1530	1541	1544	rBV3	405	1107	3.42%	0.381%
68	11.353	1544	1550	1553	rBV2	725	1691	5.23%	0.582%
69	11.628	1586	1595	1602	rBV	14611	25660	79.38%	8.839%
70	11.731	1607	1612	1616	rVB3	856	1439	4.45%	0.496%
71	11.774	1617	1619	1622	rBB3	125	127	0.39%	0.044%
72	11.841	1623	1630	1637	rBV3	2002	3793	11.73%	1.307%
73	12.048	1661	1664	1667	rBB	123	113	0.35%	0.039%
74	12.091	1668	1671	1673	rBB	134	91	0.28%	0.031%
75	12.170	1678	1684	1687	rBB	551	830	2.57%	0.286%
76	12.274	1700	1701	1705	rBB	109	117	0.36%	0.040%

LSC Area Percent Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

77	12.347	1711	1713	1715	rBV	124	114	0.35%	0.039%
78	12.384	1717	1719	1722	rBB	90	102	0.32%	0.035%
79	12.426	1723	1726	1729	rBV	209	204	0.63%	0.070%
80	12.469	1729	1733	1735	rBV	200	304	0.94%	0.105%
81	12.512	1738	1740	1742	rVB	266	241	0.75%	0.083%
82	12.542	1742	1745	1747	rBV3	537	575	1.78%	0.198%
83	12.597	1751	1754	1758	rVB2	408	610	1.89%	0.210%
84	12.640	1758	1761	1763	rBB2	187	208	0.64%	0.072%
85	12.688	1763	1769	1775	rBV2	5449	8958	27.71%	3.086%
86	12.762	1778	1781	1782	rVB2	146	136	0.42%	0.047%
87	12.810	1785	1789	1791	rBV2	204	275	0.85%	0.095%
88	12.853	1794	1796	1797	rBV2	562	430	1.33%	0.148%
89	13.005	1819	1821	1824	rVB2	197	140	0.43%	0.048%
90	13.048	1827	1828	1831	rBV	222	243	0.75%	0.084%
91	13.109	1836	1838	1840	rVB	404	245	0.76%	0.084%
92	13.158	1842	1846	1847	rBV2	294	313	0.97%	0.108%
93	13.249	1856	1861	1865	rBV2	1732	2747	8.50%	0.946%
94	13.554	1904	1911	1924	rBV	18366	32247	99.76%	11.108%
95	13.688	1932	1933	1938	rBV2	525	450	1.39%	0.155%
96	13.755	1938	1944	1953	rBV	5523	9371	28.99%	3.228%
97	13.853	1953	1960	1967	rBV	14759	26535	82.09%	9.140%
98	14.011	1983	1986	1989	rBV3	580	873	2.70%	0.301%
99	14.261	2025	2027	2028	rBV2	600	479	1.48%	0.165%
100	15.365	2201	2208	2213	rBV	13361	25181	77.90%	8.674%

Sum of corrected areas: 290303

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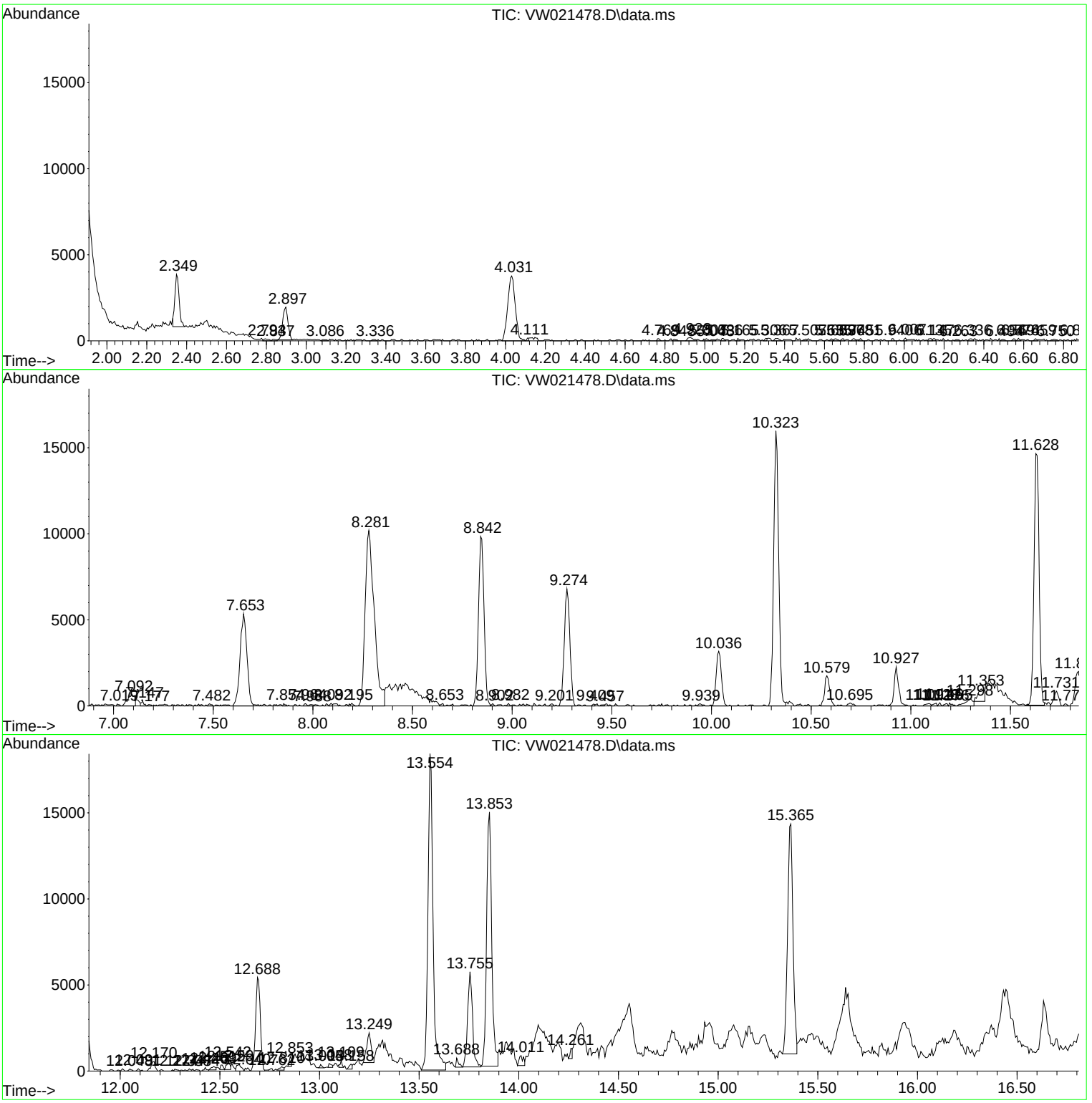
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SFAM01.0

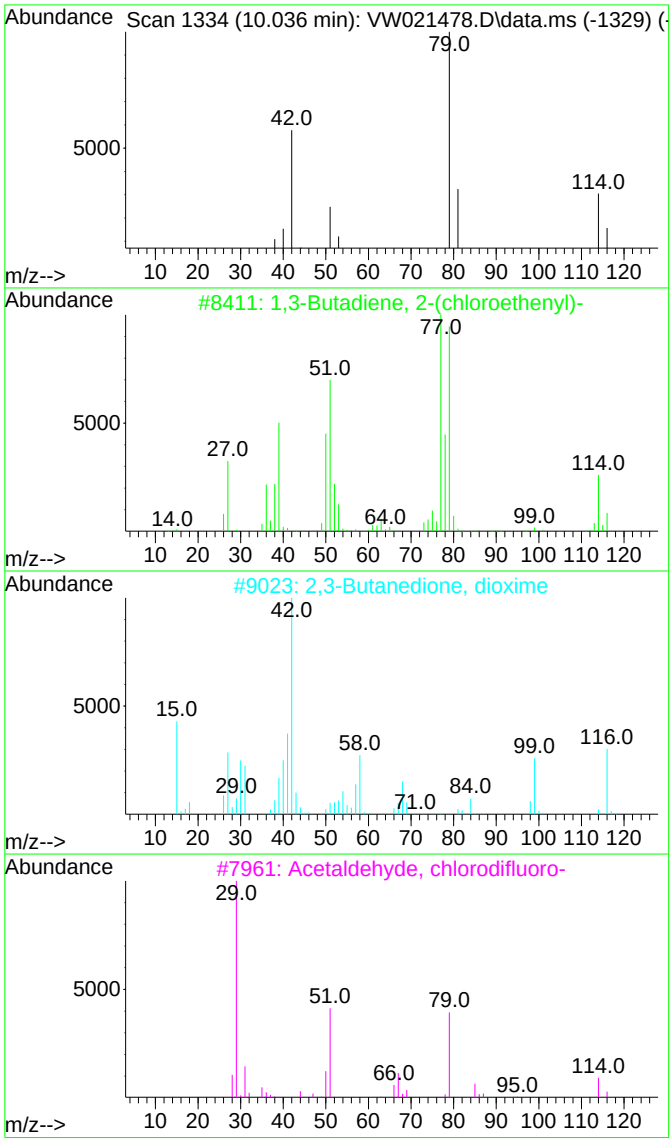
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

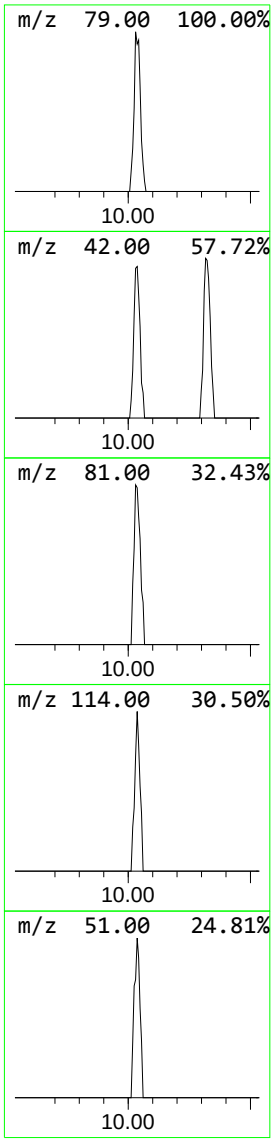
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.036	7.65 ug/L	5810	1,4-Difluorobenzene	8.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2-(chloroethenyl)-	114	C6H7Cl	080297-56-9	9
2	2,3-Butanedione, dioxime	116	C4H8N2O2	000095-45-4	9
3	Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	7
4	1-Dimethylamino-2-nitroethylene	116	C4H8N2O2	001190-92-7	7
5	2-Butanone, ethylhydrazone	114	C6H14N2	016713-35-2	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021478.D
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Operator : SY/VA
Sample : M5154-06
Misc : 5.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

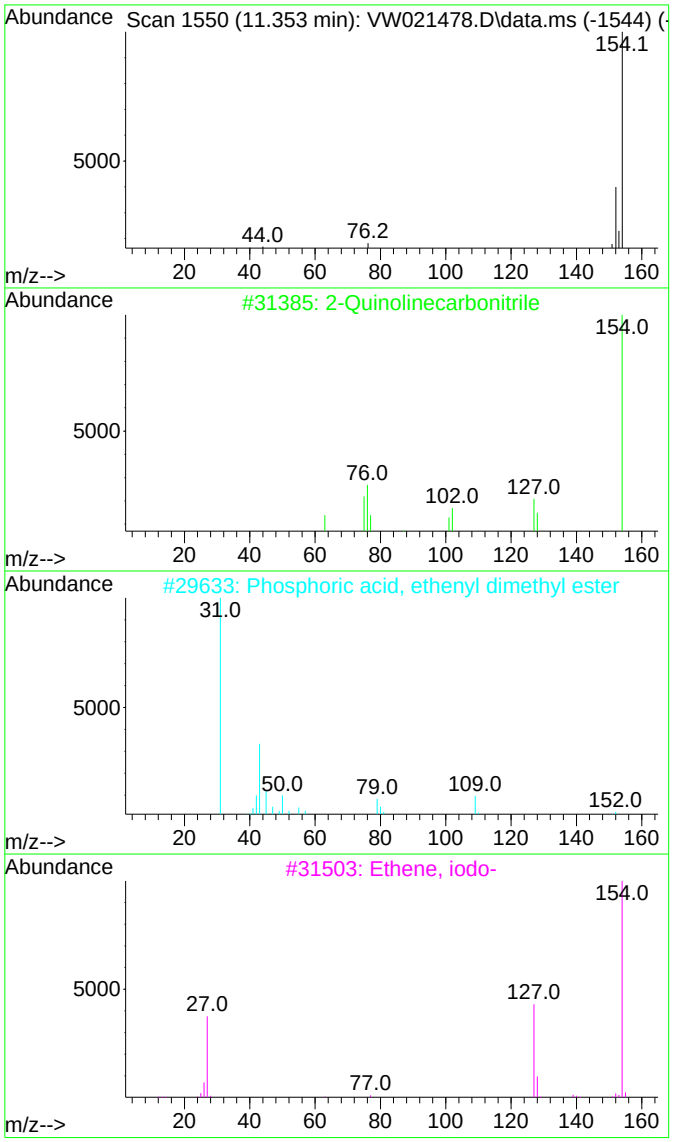
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

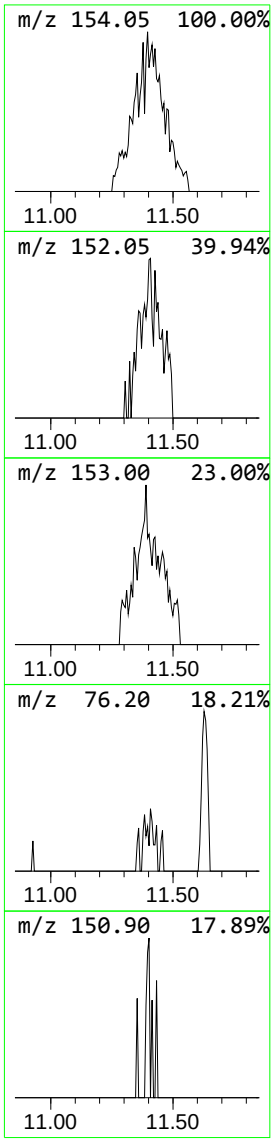
****

Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.353	1.65 ug/L	1691	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinecarbonitrile	154	C10H6N2	001436-43-7	5
2	Phosphoric acid, ethenyl dimethy...	152	C4H9O4P	010429-10-4	3
3	Ethene, iodo-	154	C2H3I	000593-66-8	2
4	2,6-Diazaspiro(4,4)nonane-3,7-dione	154	C7H10N2O2	1000146-69-5	2
5	1,9-Diazaspiro(4,4)nonane-2,8-dione	154	C7H10N2O2	074094-66-9	2





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Instrument :
MSVOA_W
ClientSampleId :
BGL86

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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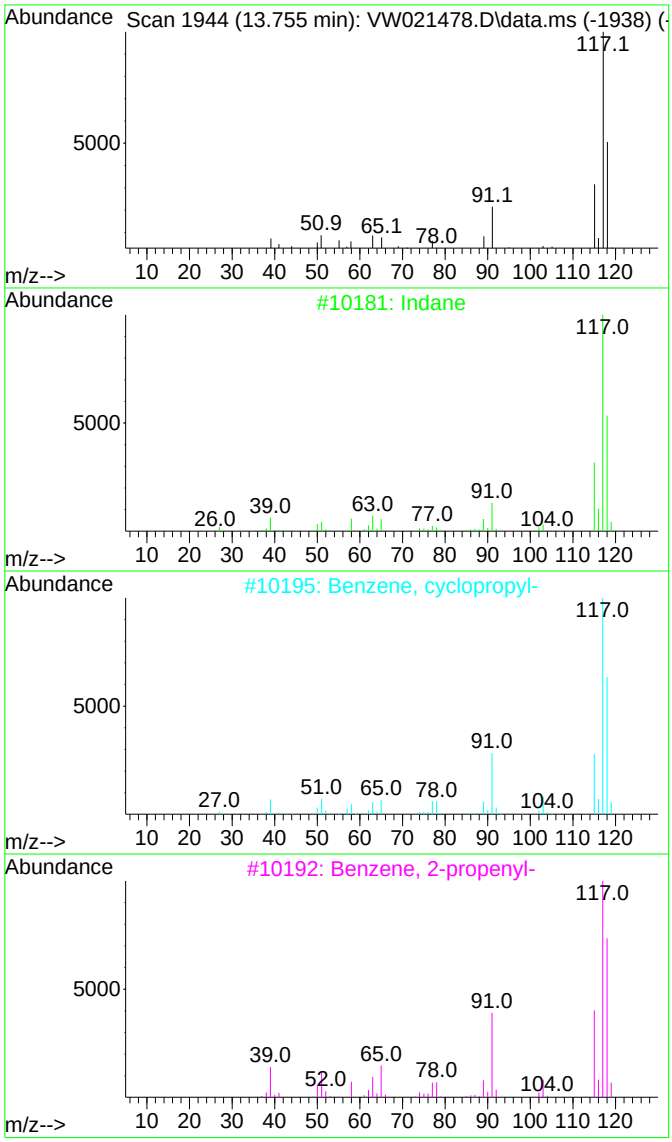
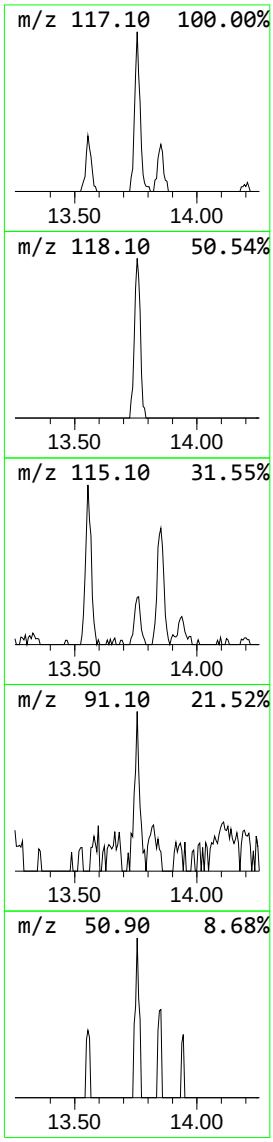
Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	7.27 ug/L	9371	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	80
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	64
5	Deltacyclene	118	C9H10	007785-10-6	59





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL86

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

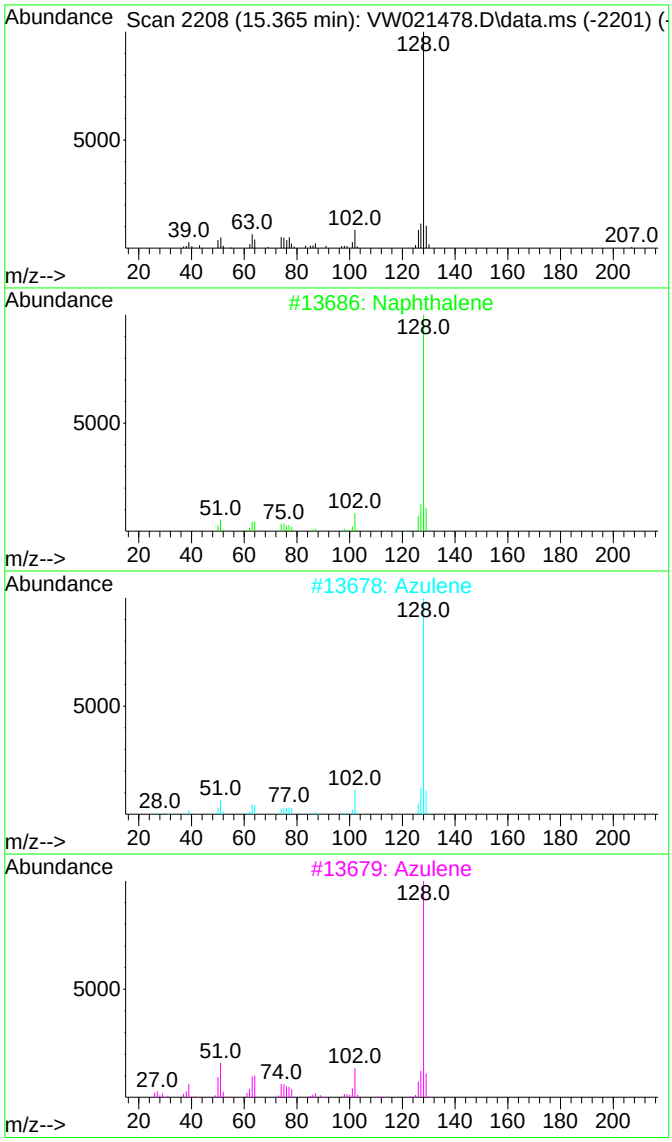
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

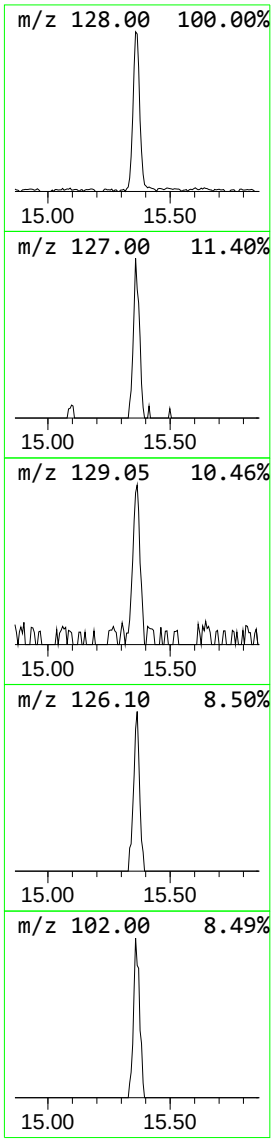
****

Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	19.52 ug/L	25181	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	90





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.036	7.7	ug/L	5810	1	8.848	18991	25.0
unknown-02	11.353	1.6	ug/L	1691	2	11.634	25660	25.0
Indane	13.755	7.3	ug/L	9371	3	13.560	32247	25.0
Azulene	15.365	19.5	ug/L	25181	3	13.560	32247	25.0