LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021631.D
Acq On : 23 Dec 2021 23:05
Operator : SY/VA
Sample : M5214-08RE
Misc : 6.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLF5RE

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: VW021631.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	68	73	82	rVB	29196	49098	0.92%	0.278%
2	2.501	94	98	106	rVB2	2396	4520	0.09%	0.026%
3	2.885	154	161	174	rVB	17794	39846	0.75%	0.226%
4	3.318	226	232	240	rBV2	1970	4148	0.08%	0.023%
5	3.391	240	244	247	rVB2	223	379	0.01%	0.002%
6	3.446	248	253	260	rBV3	1613	3340	0.06%	0.019%
7	3.684	287	292	300	rVB2	743	1771	0.03%	0.010%
8	3.781	300	308	319	rBV2	6304	16947	0.32%	0.096%
9	4.037	336	350	377	rBV	1036057	2882598	54.30%	16.316%
10	4.385	396	407	415	rBV	3265	9126	0.17%	0.052%
11	4.598	437	442	444	rBB	102	161	0.00%	0.001%
12	4.915	484	494	505	rBV2	8381	25687	0.48%	0.145%
13	5.427	572	578	584	rBB4	689	1427	0.03%	0.008%
14	5.690	618	621	623	rBV	94	123	0.00%	0.001%
15	5.726	625	627	630	rBV	104	134	0.00%	0.001%
16	5.787	632	637	642	rBB2	234	492	0.01%	0.003%
17	5.946	656	663	670	rVB	2158	5430	0.10%	0.031%
18	6.220	693	708	729	rBV	876716	2650522	49.93%	15.003%
19	6.775	797	799	802	rVV	112	125	0.00%	0.001%
20	6.884	815	817	819	rBV	130	166	0.00%	0.001%
21	6.964	826	830	832	rVB	158	216	0.00%	0.001%
22	7.000	832	836	838	rBV	209	280	0.01%	0.002%
23	7.080	841	849	855	rBV	10467	26645	0.50%	0.151%
24	7.171	856	864	877	rVB	56641	150565	2.84%	0.852%
25	7.311	885	887	892	rVB	142	177	0.00%	0.001%
26	7.653	933	943	954	rBV	63893	154841	2.92%	0.876%
27	8.128	1019	1021	1023	rBV	124	155	0.00%	0.001%
28	8.281	1036	1046	1060	rBV2	108730	336989	6.35%	1.907%
29	8.402	1061	1066	1074	rVB	4819	10627	0.20%	0.060%
30	8.841	1129	1138	1151	rBB	123004	245877	4.63%	1.392%
31	9.091	1170	1179	1195	rBV	2297639	4420215	83.26%	25.019%
32	9.274	1201	1209	1219	rVB	76698	152710	2.88%	0.864%
33	9.347	1219	1221	1224	rBB	203	187	0.00%	0.001%
34	9.414	1228	1232	1237	rBB	245	450	0.01%	0.003%
35	9.671	1271	1274	1276	rBB	181	153	0.00%	0.001%
36	9.750	1285	1287	1292	rBB	393	625	0.01%	0.004%

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Misc : 6.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLF5RE

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	9.884	1303	1309	1315	rBB4	5897	10220	0.19%	0.058%
38	10.036	1327	1334	1344	rBB	36499	63778	1.20%	0.361%
39	10.250	1365	1369	1373	rBB2	550	838	0.02%	0.005%
40	10.323	1373	1381	1387	rBV	143620	248900	4.69%	1.409%
41	10.390	1387	1392	1399	rVV	15536	26375	0.50%	0.149%
42	10.506	1407	1411	1413	rBB	135	164	0.00%	0.001%
43	10.579	1417	1423	1431	rBB	19868	33701	0.63%	0.191%
44	10.701	1437	1443	1449	rBB	753	1196	0.02%	0.007%
45	10.859	1461	1469	1476	rBV	3063102	5308768	100.00%	30.049%
46	10.926	1476	1480	1491	rVV	33403	57273	1.08%	0.324%
47	11.036	1495	1498	1500	rBB	159	143	0.00%	0.001%
48	11.079	1500	1505	1510	rBB3	623	949	0.02%	0.005%
49	11.115	1510	1511	1512	rBV3	192	122	0.00%	0.001%
50	11.274	1534	1537	1539	rBV	138	162	0.00%	0.001%
51	11.317	1540	1544	1545	rBV	280	301	0.01%	0.002%
52	11.634	1588	1596	1604	rBV	142047	242248	4.56%	1.371%
53	11.731	1609	1612	1616	rVB	678	953	0.02%	0.005%
54	11.841	1624	1630	1634	rBB	1459	2677	0.05%	0.015%
55	12.164	1679	1683	1687	rBB3	571	864	0.02%	0.005%
56	12.341	1708	1712	1717	rVB2	296	447	0.01%	0.003%
57	12.475	1729	1734	1735	rBV2	227	297	0.01%	0.002%
58	12.493	1735	1737	1741	rBV2	136	181	0.00%	0.001%
59	12.530	1741	1743	1746	rVV	121	155	0.00%	0.001%
60	12.603	1749	1755	1763	rVB3	2993	5583	0.11%	0.032%
61	12.694	1763	1770	1776	rBB	50753	84290	1.59%	0.477%
62	12.755	1779	1780	1783	rBV2	238	221	0.00%	0.001%
63	12.871	1794	1799	1800	rBV	453	577	0.01%	0.003%
64	12.944	1807	1811	1817	rVB5	508	1004	0.02%	0.006%
65	13.072	1830	1832	1835	rBV2	245	311	0.01%	0.002%
66	13.152	1843	1845	1847	rBV2	250	227	0.00%	0.001%
67	13.188	1847	1851	1857	rVB3	1182	1924	0.04%	0.011%
68	13.255	1857	1862	1865	rBV3	1087	1906	0.04%	0.011%
69	13.402	1881	1886	1893	rVB3	2164	4286	0.08%	0.024%
70	13.463	1893	1896	1901	rVB	210	219	0.00%	0.001%
71	13.511	1901	1904	1905	rBV	434	413	0.01%	0.002%
72	13.554	1905	1911	1928	rVB	102556	176835	3.33%	1.001%
73	13.694	1931	1934	1935	rVB	186	148	0.00%	0.001%
74	13.755	1939	1944	1950	rBV2	5357	8899	0.17%	0.050%
75	13.853	1952	1960	1967	rBV	74907	126436	2.38%	0.716%
76	14.066	1988	1995	1999	rBV	2421	3644	0.07%	0.021%

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Sample : M5214-08RE
Misc : 6.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLF5RE

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	14.139	2005	2007	2011	rVB2	231	199	0.00%	0.001%
78	14.200	2015	2017	2020	rVV2	347	292	0.01%	0.002%
79	14.316	2024	2036	2042	rBV6	1653	5560	0.10%	0.031%
80	14.420	2050	2053	2056	rVB3	342	314	0.01%	0.002%
81	14.450	2056	2058	2061	rBV	364	379	0.01%	0.002%
82	14.487	2063	2064	2067	rBV3	479	537	0.01%	0.003%
83	14.615	2083	2085	2086	rBV3	243	212	0.00%	0.001%
84	14.676	2093	2095	2097	rBV2	140	129	0.00%	0.001%
85	14.694	2097	2098	2099	rBV2	273	171	0.00%	0.001%
86	14.749	2105	2107	2108	rBV2	367	277	0.01%	0.002%
87	14.865	2122	2126	2127	rBV	451	393	0.01%	0.002%
88	14.883	2127	2129	2132	rBV3	561	447	0.01%	0.003%
89	14.920	2132	2135	2136	rBV2	652	714	0.01%	0.004%
90	15.023	2150	2152	2153	rBV	177	135	0.00%	0.001%
91	15.048	2153	2156	2157	rBV2	485	558	0.01%	0.003%
92	15.151	2172	2173	2179	rVB4	374	729	0.01%	0.004%
93	15.359	2201	2207	2213	rBV	14319	25999	0.49%	0.147%
94	15.432	2215	2219	2223	rVV	2005	3110	0.06%	0.018%
95	15.816	2280	2282	2284	rVB3	407	225	0.00%	0.001%
96	15.889	2291	2294	2295	rBV	351	379	0.01%	0.002%
97	16.206	2340	2346	2352	rVB3	397	1246	0.02%	0.007%
98	16.267	2352	2356	2358	rBV	232	359	0.01%	0.002%
99	16.438	2379	2384	2396	rVB6	945	2905	0.05%	0.016%
100	16.639	2410	2417	2424	rBV2	3400	7515	0.14%	0.043%

Sum of corrected areas: 17667171

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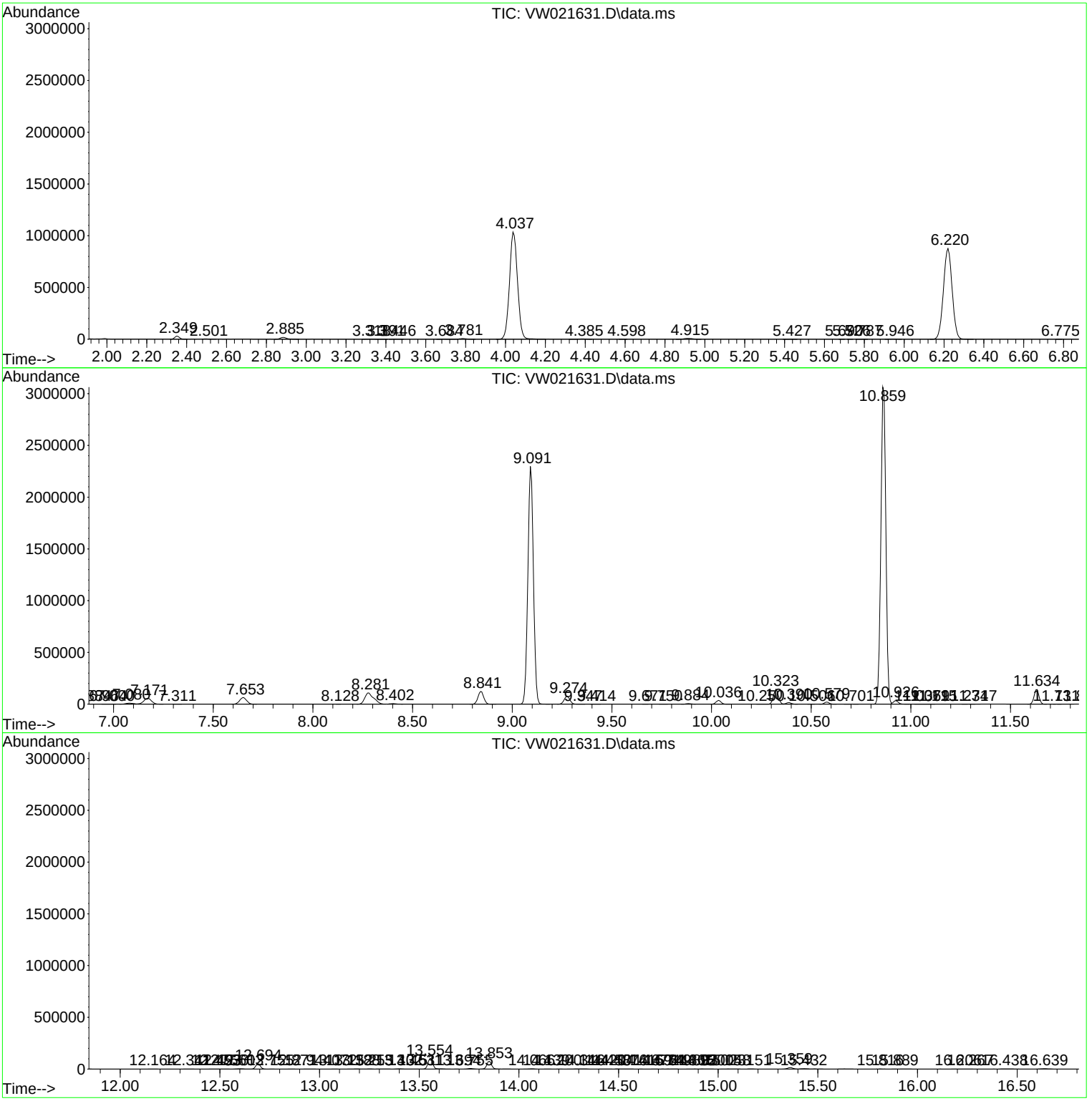
Misc : 6.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLF5RE

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
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MSVOA_W
ClientSampleId :
BGLF5RE

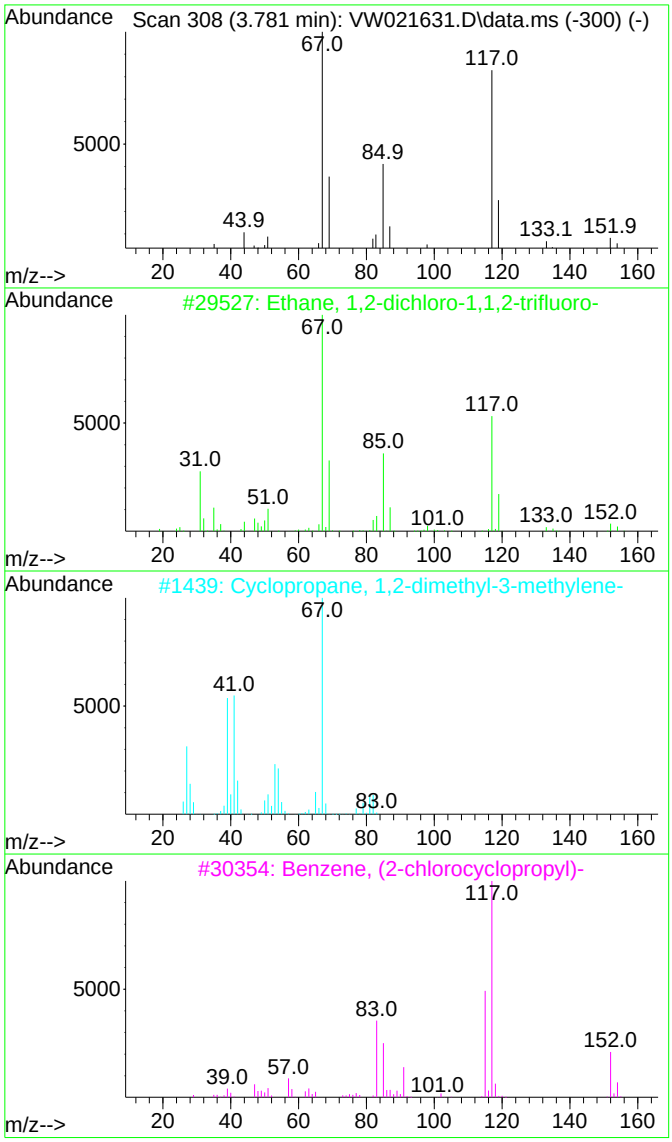
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

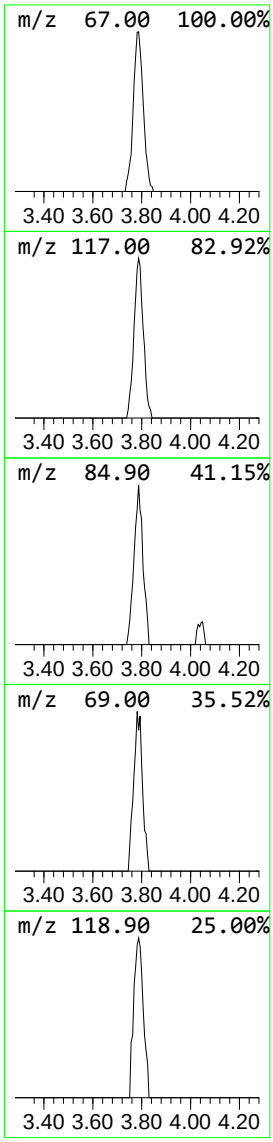
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	1.72 ug/L	16947	1,4-Difluorobenzene	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9
3	Benzene, (2-chlorocyclopropyl)-	152	C9H9Cl	1000327-31-4	9
4	Benzene, (3-chloro-1-propenyl)-	152	C9H9Cl	002687-12-9	7
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	7





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Misc : 6.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLF5RE

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

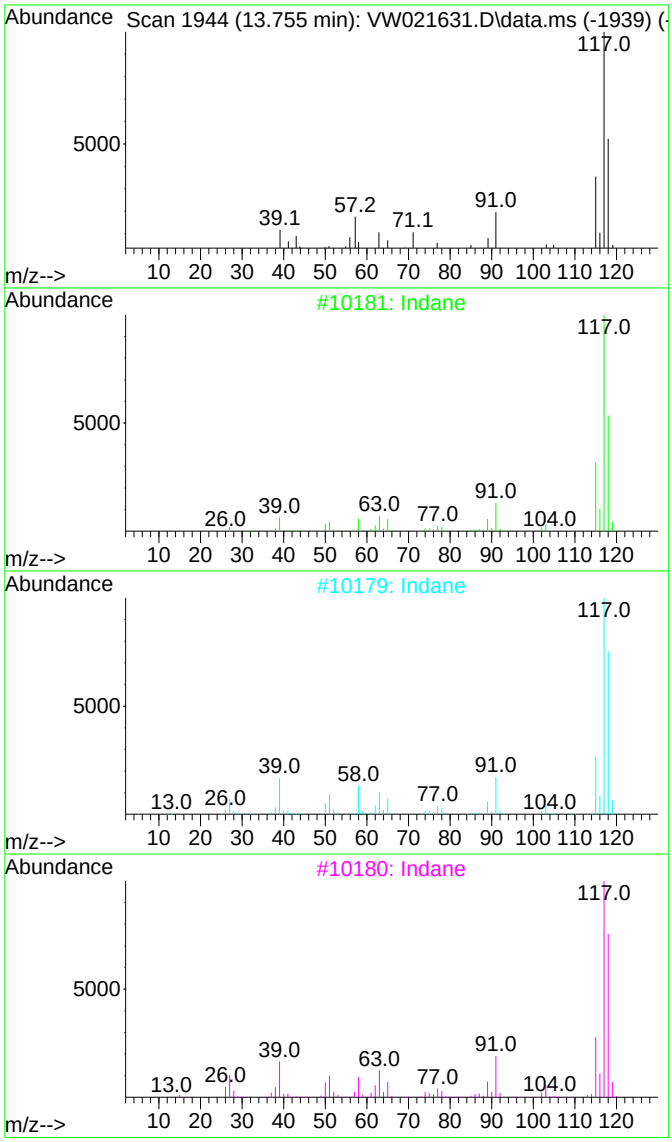
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

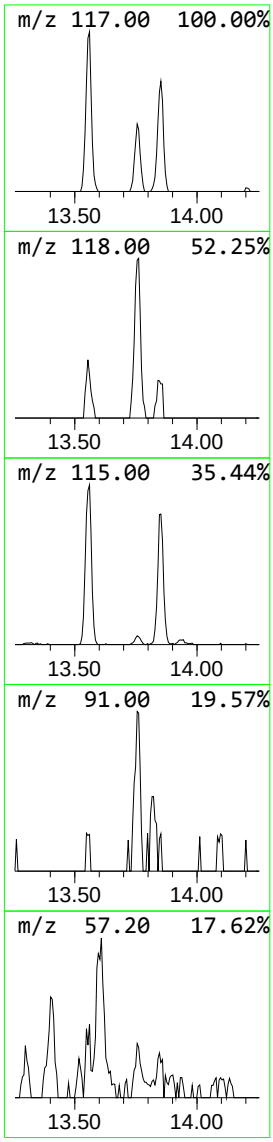
****

Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	1.26 ug/L	8899	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	74
2	Indane	118	C9H10	000496-11-7	72
3	Indane	118	C9H10	000496-11-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Misc : 6.34g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLF5RE

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

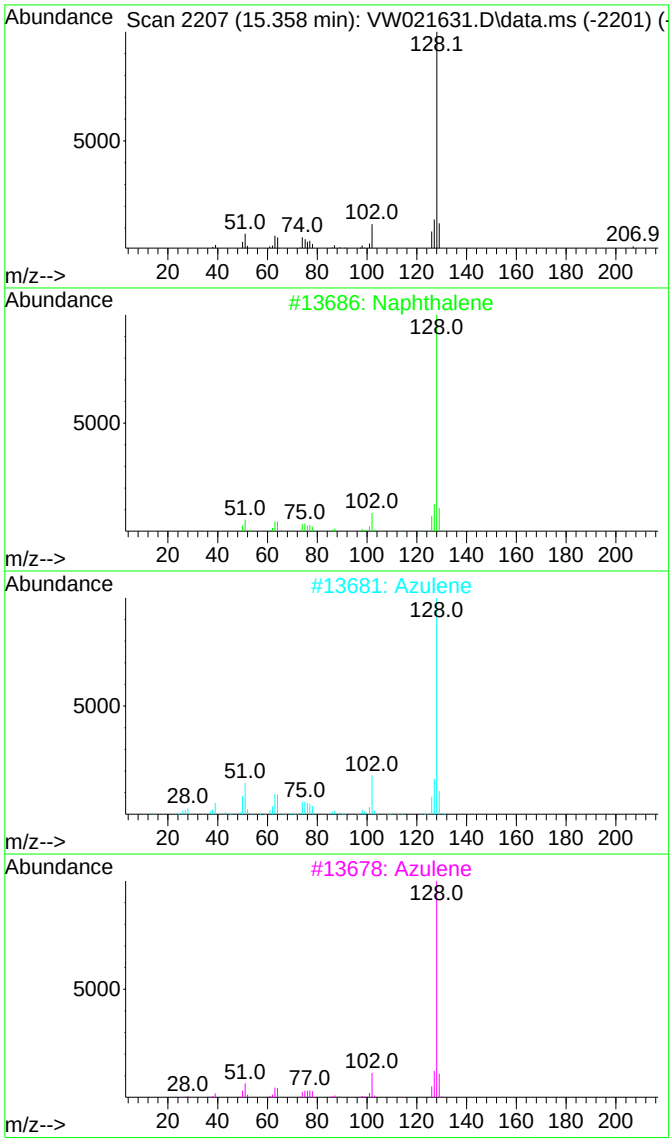
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

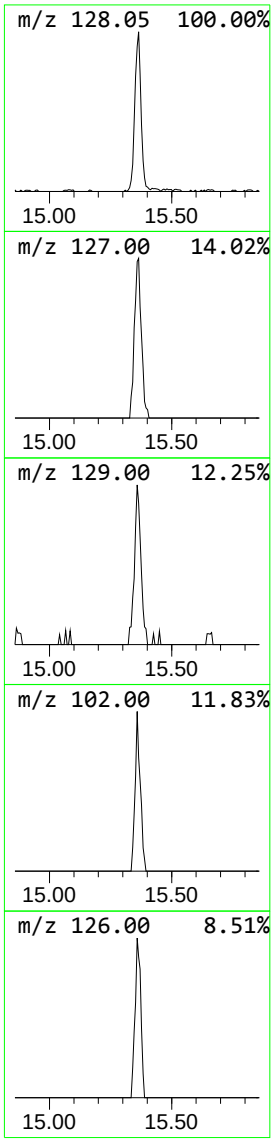
****

Peak Number 5 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	3.68 ug/L	25999	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	95
3	Azulene	128	C10H8	000275-51-4	94
4	Naphthalene	128	C10H8	000091-20-3	94
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
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Instrument :
MSVOA_W
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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
Ethane, 1,2-dic...	3.781	1.7	ug/L	16947	1	8.847	245877	25.0
Indane	13.755	1.3	ug/L	8899	3	13.560	176835	25.0
Azulene	15.358	3.7	ug/L	25999	3	13.560	176835	25.0