LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021437.D
Acq On : 17 Dec 2021 17:43
Operator : SY/VA
Sample : M5121-12
Misc : 5.84g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL60

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: VW021437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	65	72	81	rBV	31766	52087	15.39%	1.745%
2	2.489	89	96	112	rBV	23169	45731	13.51%	1.532%
3	2.788	143	145	146	rBV2	301	277	0.08%	0.009%
4	2.812	146	149	151	rVV2	758	919	0.27%	0.031%
5	2.873	151	159	172	rVB	16482	36726	10.85%	1.230%
6	3.093	193	195	199	rBV	283	333	0.10%	0.011%
7	3.154	203	205	209	rVB2	230	229	0.07%	0.008%
8	3.379	240	242	246	rVV	79	114	0.03%	0.004%
9	3.574	270	274	275	rBV	113	164	0.05%	0.005%
10	3.721	296	298	301	rVV	117	175	0.05%	0.006%
11	3.879	321	324	326	rVV	104	155	0.05%	0.005%
12	3.916	329	330	332	rBV	125	110	0.03%	0.004%
13	4.013	335	346	357	rBV	38685	114961	33.96%	3.851%
14	4.117	357	363	379	rVV	7785	20953	6.19%	0.702%
15	4.227	379	381	383	rVV2	177	177	0.05%	0.006%
16	4.251	383	385	388	rVB	173	158	0.05%	0.005%
17	4.288	388	391	393	rBV	107	134	0.04%	0.004%
18	4.379	396	406	416	rVV	2720	8083	2.39%	0.271%
19	4.702	457	459	462	rBB	102	115	0.03%	0.004%
20	4.769	469	470	472	rBV	145	120	0.04%	0.004%
21	4.909	484	493	505	rVB2	6499	20933	6.18%	0.701%
22	5.031	510	513	515	rBB	134	162	0.05%	0.005%
23	5.074	519	520	526	rBV	94	118	0.03%	0.004%
24	5.214	541	543	547	rVB	144	180	0.05%	0.006%
25	5.269	547	552	554	rBV	141	228	0.07%	0.008%
26	5.354	562	566	568	rVV	166	226	0.07%	0.008%
27	5.403	571	574	577	rBV	124	190	0.06%	0.006%
28	5.428	577	578	581	rVB	157	135	0.04%	0.005%
29	5.464	581	584	587	rBV	133	170	0.05%	0.006%
30	5.586	602	604	607	rBV	160	163	0.05%	0.005%
31	5.629	607	611	613	rVB	80	124	0.04%	0.004%
32	5.678	616	619	620	rBV	124	111	0.03%	0.004%
33	5.781	628	636	646	rBB4	1301	4140	1.22%	0.139%
34	5.867	647	650	651	rBB4	142	117	0.03%	0.004%
35	5.928	654	660	663	rBV2	818	1480	0.44%	0.050%
36	5.976	667	668	671	rVV2	110	113	0.03%	0.004%

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Instrument :
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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	6.019	674	675	678	rVB2	134	140	0.04%	0.005%
38	6.104	685	689	690	rVV2	196	222	0.07%	0.007%
39	6.117	690	691	694	rVB	267	136	0.04%	0.005%
40	6.153	694	697	698	rVB	143	138	0.04%	0.005%
41	6.177	698	701	703	rBB	137	142	0.04%	0.005%
42	6.324	722	725	726	rBV	154	175	0.05%	0.006%
43	6.391	733	736	739	rBB	125	131	0.04%	0.004%
44	6.427	739	742	743	rBV	104	116	0.03%	0.004%
45	6.446	743	745	747	rVV	145	165	0.05%	0.006%
46	6.818	804	806	808	rBB	125	112	0.03%	0.004%
47	6.897	811	819	826	rBV3	1271	3588	1.06%	0.120%
48	6.970	829	831	832	rBV	227	170	0.05%	0.006%
49	6.982	832	833	835	rBV	142	140	0.04%	0.005%
50	7.080	840	849	858	rBV	10365	29420	8.69%	0.985%
51	7.293	882	884	887	rBV	127	161	0.05%	0.005%
52	7.464	909	912	914	rBV	127	163	0.05%	0.005%
53	7.567	926	929	931	rBV	72	111	0.03%	0.004%
54	7.647	931	942	955	rVB	59035	142999	42.24%	4.790%
55	7.939	987	990	992	rBV	140	134	0.04%	0.004%
56	8.141	1022	1023	1027	rBB	130	112	0.03%	0.004%
57	8.269	1035	1044	1059	rBV2	111880	338539	100.00%	11.340%
58	8.561	1091	1092	1095	rVB	272	123	0.04%	0.004%
59	8.665	1107	1109	1111	rVB	155	131	0.04%	0.004%
60	8.689	1111	1113	1114	rBV	268	246	0.07%	0.008%
61	8.708	1114	1116	1119	rVV	390	351	0.10%	0.012%
62	8.756	1122	1124	1126	rBV	162	132	0.04%	0.004%
63	8.842	1129	1138	1148	rVV	118109	239931	70.87%	8.037%
64	8.951	1154	1156	1159	rVB	119	122	0.04%	0.004%
65	9.018	1165	1167	1170	rBV	111	156	0.05%	0.005%
66	9.043	1170	1171	1173	rVB	180	113	0.03%	0.004%
67	9.079	1173	1177	1182	rBV2	413	723	0.21%	0.024%
68	9.214	1196	1199	1201	rBV	228	200	0.06%	0.007%
69	9.274	1201	1209	1218	rBV	75780	153541	45.35%	5.143%
70	9.409	1225	1231	1237	rBV4	1351	2766	0.82%	0.093%
71	9.537	1250	1252	1256	rVB	111	141	0.04%	0.005%
72	9.573	1256	1258	1260	rBB	161	125	0.04%	0.004%
73	9.659	1270	1272	1273	rBV2	206	211	0.06%	0.007%
74	9.677	1273	1275	1277	rVB	265	187	0.06%	0.006%
75	9.762	1282	1289	1293	rBV3	712	1327	0.39%	0.044%
76	9.890	1304	1310	1317	rBB3	1262	2543	0.75%	0.085%

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BGL60

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

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

77	9.963	1317	1322	1324	rBB3	264	344	0.10%	0.012%
78	10.030	1325	1333	1343	rBV	39339	71798	21.21%	2.405%
79	10.152	1351	1353	1354	rVB	241	157	0.05%	0.005%
80	10.171	1354	1356	1359	rBV	287	268	0.08%	0.009%
81	10.213	1359	1363	1366	rBV3	1070	2019	0.60%	0.068%
82	10.244	1366	1368	1373	rVB5	349	435	0.13%	0.015%
83	10.323	1373	1381	1388	rBV	158265	280880	82.97%	9.408%
84	10.390	1388	1392	1400	rVB6	3030	6336	1.87%	0.212%
85	10.463	1400	1404	1405	rBV2	245	204	0.06%	0.007%
86	10.506	1405	1411	1415	rVB5	774	1428	0.42%	0.048%
87	10.573	1416	1422	1431	rBV	25194	43841	12.95%	1.468%
88	10.701	1438	1443	1447	rBV2	2383	3948	1.17%	0.132%
89	10.756	1451	1452	1454	rBV2	699	599	0.18%	0.020%
90	10.823	1461	1463	1464	rBV2	637	373	0.11%	0.012%
91	10.860	1464	1469	1472	rBV7	1635	2649	0.78%	0.089%
92	10.921	1473	1479	1487	rBV	45987	82983	24.51%	2.780%
93	11.274	1532	1537	1542	rBV8	2295	6041	1.78%	0.202%
94	11.628	1588	1595	1604	rBV	169718	289026	85.37%	9.681%
95	12.689	1764	1769	1776	rVB	58604	95961	28.35%	3.214%
96	13.158	1844	1846	1849	rBV2	7602	9858	2.91%	0.330%
97	13.298	1859	1869	1883	rBV2	61047	274505	81.09%	9.195%
98	13.554	1906	1911	1917	rBV	135309	219680	64.89%	7.358%
99	13.853	1954	1960	1968	rBV	104963	211193	62.38%	7.074%
100	15.359	2202	2207	2213	rBV	87361	150510	44.46%	5.041%

Sum of corrected areas: 2985430

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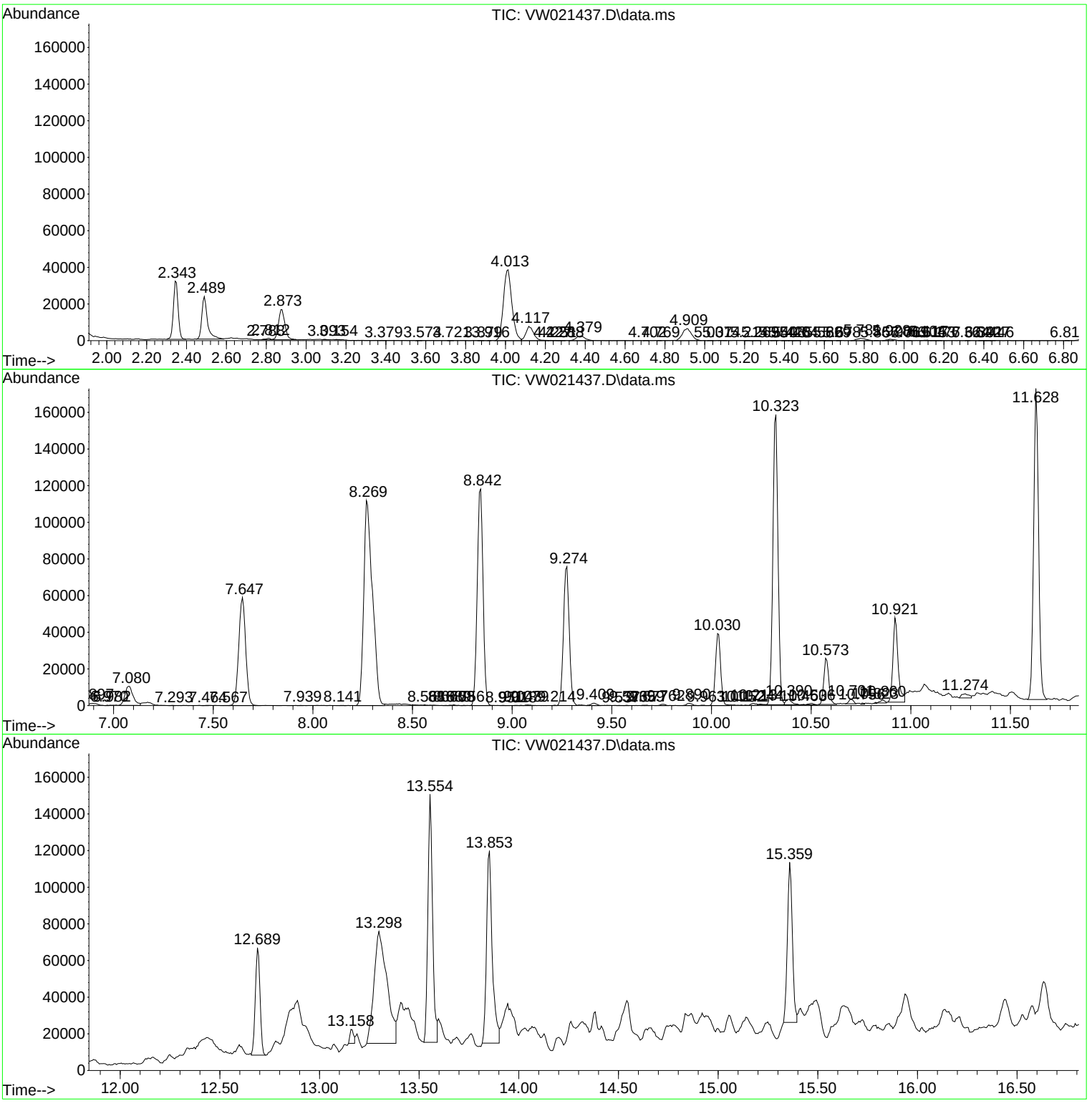
Misc : 5.84g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL60

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\VW121721\
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Quant Title : SFAM01.0

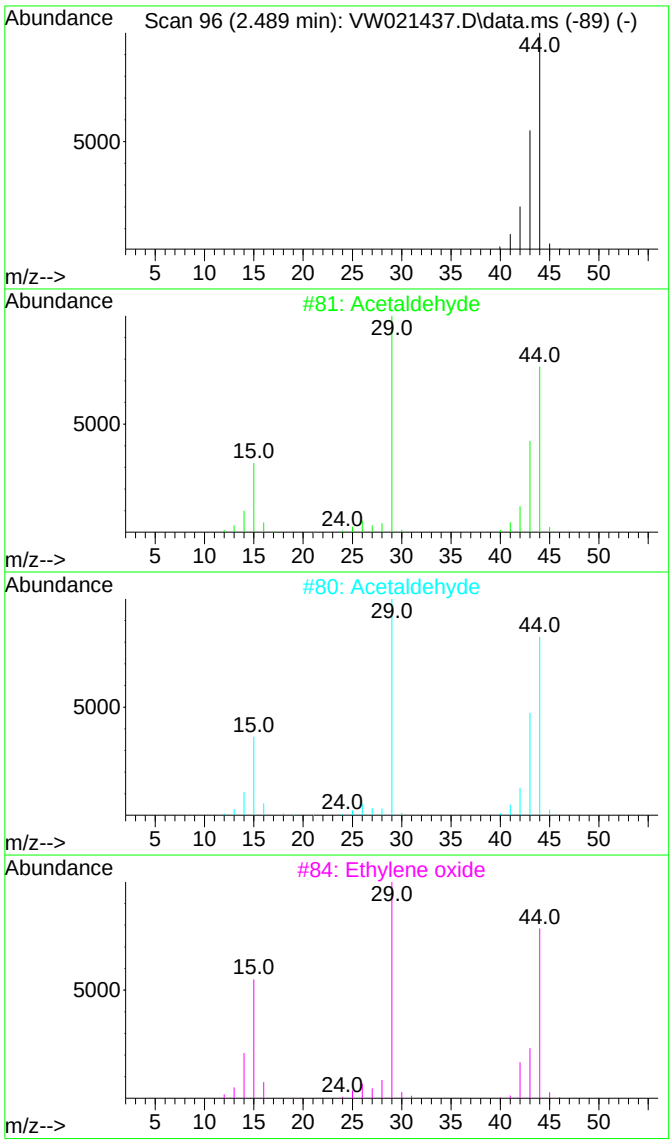
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

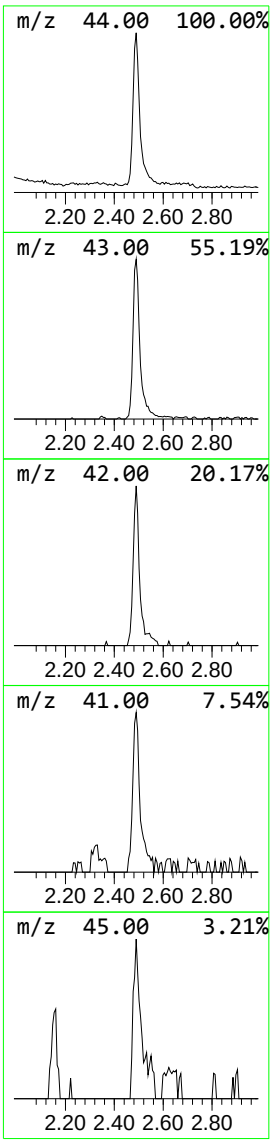
****

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	4.77 ug/L	45731	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
3	Ethylene oxide	44	C2H4O	000075-21-8	9
4	Ethylene oxide	44	C2H4O	000075-21-8	7
5	Ethylene oxide	44	C2H4O	000075-21-8	5





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Data File : VW021437.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL60

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

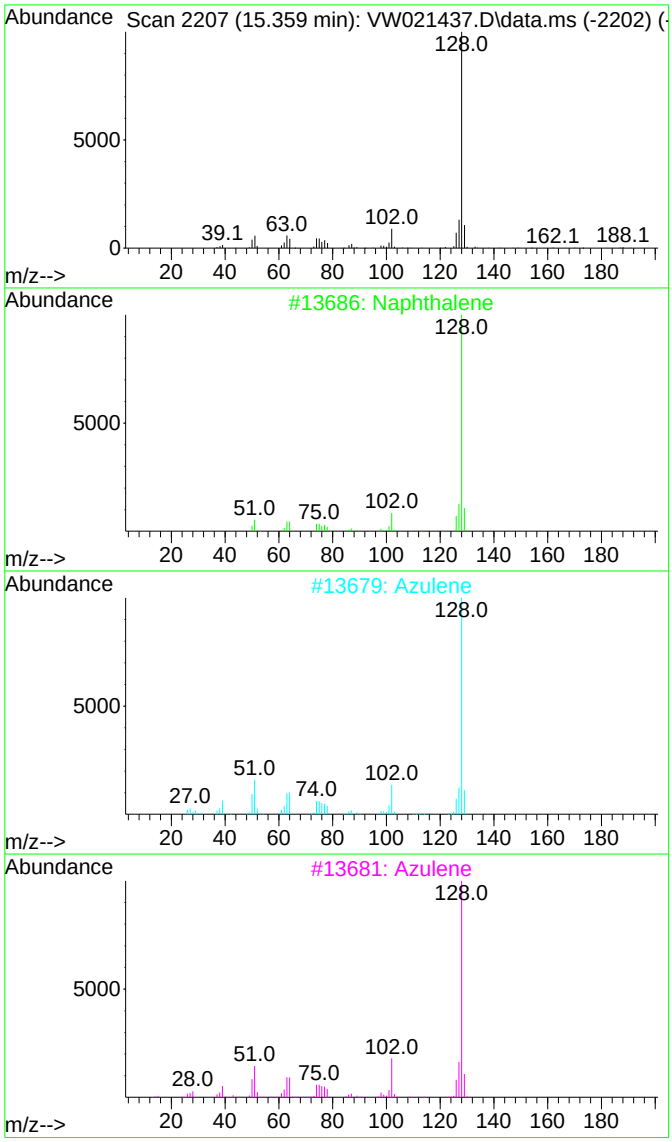
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

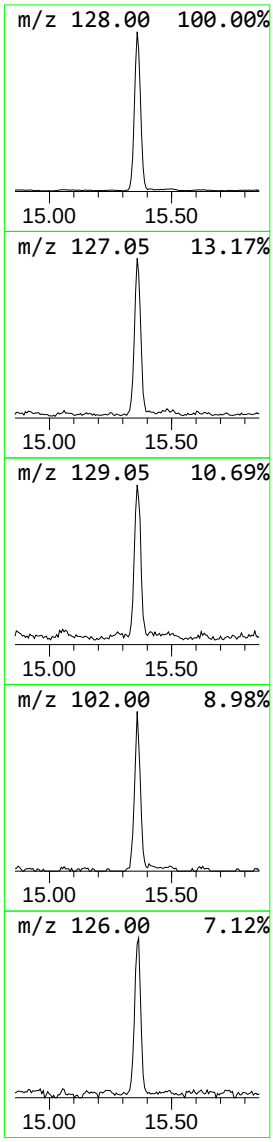
****

Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	17.13 ug/L	150510	1,4-Dichlorobenzene-d4	13.554

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	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

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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
Acetaldehyde	2.489	4.8	ug/L	45731	1	8.842	239931	25.0
Azulene	15.359	17.1	ug/L	150510	3	13.554	219680	25.0