LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8

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_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.139	320	326	340	rVB3	10882	15550	30.87%	4.815%
2	2.197	340	344	347	rBV3	716	669	1.33%	0.207%
3	2.280	368	370	373	rBV2	476	269	0.53%	0.083%
4	2.296	373	375	377	rBV2	477	234	0.46%	0.072%
5	2.370	396	398	400	rBV	302	166	0.33%	0.051%
6	2.457	421	425	427	rBV2	567	419	0.83%	0.130%
7	2.740	511	513	516	rBV2	315	223	0.44%	0.069%
8	2.872	551	554	557	rVB	447	247	0.49%	0.076%
9	2.962	580	582	584	rVB3	508	197	0.39%	0.061%
10	3.052	607	610	611	rBV	443	253	0.50%	0.078%
11	3.229	661	665	667	rBV	458	378	0.75%	0.117%
12	3.377	710	711	715	rVB	478	168	0.33%	0.052%
13	3.405	715	720	724	rBV2	504	569	1.13%	0.176%
14	3.438	728	730	734	rVB2	447	277	0.55%	0.086%
15	3.467	734	739	742	rBV	398	396	0.79%	0.123%
16	3.541	759	762	765	rVB	368	176	0.35%	0.054%
17	3.688	805	808	810	rBV	649	350	0.69%	0.108%
18	3.795	837	841	846	rVV2	482	549	1.09%	0.170%
19	4.058	921	923	927	rBV2	509	304	0.60%	0.094%
20	4.081	927	930	934	rVV2	581	368	0.73%	0.114%
21	4.135	940	947	949	rBV2	3257	3604	7.15%	1.116%
22	4.412	1018	1033	1045	rBV3	9017	23227	46.10%	7.191%
23	4.495	1057	1059	1068	rVB3	693	605	1.20%	0.187%
24	4.608	1091	1094	1097	rBV2	400	262	0.52%	0.081%
25	4.692	1117	1120	1124	rVB2	482	338	0.67%	0.105%
26	4.737	1131	1134	1138	rBV2	426	341	0.68%	0.106%
27	4.872	1172	1176	1179	rBV3	327	303	0.60%	0.094%
28	4.888	1179	1181	1183	rVV3	374	173	0.34%	0.054%
29	4.920	1189	1191	1195	rVV2	388	178	0.35%	0.055%
30	5.010	1218	1219	1223	rVV	649	181	0.36%	0.056%
31	5.106	1234	1249	1268	rBV3	18890	50380	100.00%	15.598%
32	5.598	1399	1402	1403	rBV	383	185	0.37%	0.057%
33	5.672	1414	1425	1437	rBV2	14906	31541	62.61%	9.766%
34	5.856	1479	1482	1485	rVB	577	294	0.58%	0.091%

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

35	5.878	1485	1489	1490	rBV2	252	216	0.43%	0.067%
36	5.923	1502	1503	1506	rVB2	461	199	0.39%	0.062%
37	5.952	1508	1512	1514	rBV	468	340	0.67%	0.105%
38	5.991	1520	1524	1526	rBV2	370	280	0.56%	0.087%
39	6.081	1550	1552	1554	rVV	559	326	0.65%	0.101%
40	6.122	1554	1565	1583	rVV5	10180	24361	48.35%	7.543%
41	6.229	1595	1598	1600	rBV	522	284	0.56%	0.088%
42	6.376	1640	1644	1646	rBV	535	334	0.66%	0.103%
43	6.389	1646	1648	1651	rVB	458	240	0.48%	0.074%
44	6.486	1675	1678	1680	rVB2	323	188	0.37%	0.058%
45	6.685	1738	1740	1741	rBV	484	205	0.41%	0.063%
46	6.749	1757	1760	1762	rBV	220	166	0.33%	0.051%
47	6.762	1762	1764	1766	rVV	324	177	0.35%	0.055%
48	6.868	1794	1797	1799	rBV2	393	195	0.39%	0.060%
49	6.929	1813	1816	1819	rBV2	521	263	0.52%	0.081%
50	7.036	1840	1849	1861	rBV5	4372	8352	16.58%	2.586%
51	7.293	1927	1929	1932	rBV2	549	341	0.68%	0.106%
52	7.367	1941	1952	1968	rBV2	19113	35954	71.37%	11.132%
53	7.582	2017	2019	2021	rBV	341	209	0.41%	0.065%
54	7.659	2038	2043	2044	rBV2	1358	968	1.92%	0.300%
55	7.888	2111	2114	2116	rBV2	468	214	0.42%	0.066%
56	8.315	2244	2247	2249	rBV	344	194	0.39%	0.060%
57	8.363	2258	2262	2263	rBV2	400	269	0.53%	0.083%
58	8.386	2267	2269	2272	rBV2	345	234	0.46%	0.072%
59	8.450	2286	2289	2291	rBV2	314	207	0.41%	0.064%
60	8.547	2315	2319	2321	rBV	449	390	0.77%	0.121%
61	8.698	2360	2366	2370	rBV2	371	345	0.68%	0.107%
62	8.830	2402	2407	2409	rBV	531	460	0.91%	0.142%
63	8.900	2419	2429	2444	rBV2	17217	34803	69.08%	10.776%
64	8.981	2451	2454	2457	rBV4	542	404	0.80%	0.125%
65	9.026	2466	2468	2471	rVB2	364	173	0.34%	0.054%
66	9.045	2471	2474	2476	rBV2	707	354	0.70%	0.110%
67	9.058	2476	2478	2481	rBV	267	177	0.35%	0.055%
68	9.106	2489	2493	2497	rBV2	502	431	0.86%	0.133%
69	9.138	2500	2503	2508	rBV2	340	296	0.59%	0.092%
70	9.167	2509	2512	2518	rVB	455	318	0.63%	0.098%
71	9.209	2519	2525	2528	rBV2	511	595	1.18%	0.184%

LSC Area Percent Report

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Misc : 5.10G/10mL/MSVOA V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8

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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

72	9.309	2554	2556	2558	rBV2	366	168	0.33%	0.052%
73	9.434	2592	2595	2597	rBV	366	248	0.49%	0.077%
74	9.621	2649	2653	2657	rBV3	672	706	1.40%	0.219%
75	9.865	2725	2729	2730	rBV2	274	212	0.42%	0.066%
76	9.952	2754	2756	2760	rVB2	574	233	0.46%	0.072%
77	9.981	2762	2765	2768	rVB2	522	312	0.62%	0.097%
78	10.161	2818	2821	2824	rBV3	440	277	0.55%	0.086%
79	10.193	2828	2831	2833	rBV	360	255	0.51%	0.079%
80	10.264	2845	2853	2866	rVB2	10726	16596	32.94%	5.138%
81	10.351	2876	2880	2883	rBV	432	324	0.64%	0.100%
82	10.376	2886	2888	2890	rBV	381	241	0.48%	0.075%
83	10.543	2937	2940	2942	rBV2	497	333	0.66%	0.103%
84	10.637	2967	2969	2972	rBV2	535	320	0.64%	0.099%
85	10.685	2981	2984	2987	rBV2	501	336	0.67%	0.104%
86	10.836	3028	3031	3034	rBV	408	267	0.53%	0.083%
87	10.855	3034	3037	3039	rVV2	498	261	0.52%	0.081%
88	11.187	3138	3140	3143	rBV2	331	235	0.47%	0.073%
89	11.302	3167	3176	3188	rBV3	13777	21680	43.03%	6.712%
90	11.572	3258	3260	3263	rBV2	573	228	0.45%	0.071%
91	11.633	3277	3279	3281	rBV2	497	238	0.47%	0.074%
92	11.675	3283	3292	3304	rVV3	13124	21731	43.13%	6.728%
93	11.942	3372	3375	3378	rBV	551	444	0.88%	0.137%
94	12.479	3539	3542	3544	rBV	556	393	0.78%	0.122%
95	12.781	3634	3636	3638	rVB2	906	302	0.60%	0.094%
96	12.791	3638	3639	3643	rVB	710	197	0.39%	0.061%
97	12.820	3643	3648	3653	rBV2	746	875	1.74%	0.271%
98	13.276	3787	3790	3792	rBV	648	437	0.87%	0.135%
99	13.556	3870	3877	3888	rBV3	4688	7550	14.99%	2.338%
100	14.183	4070	4072	4077	rVB3	1191	746	1.48%	0.231%

Sum of corrected areas: 322981

LSC Report - Integrated Chromatogram

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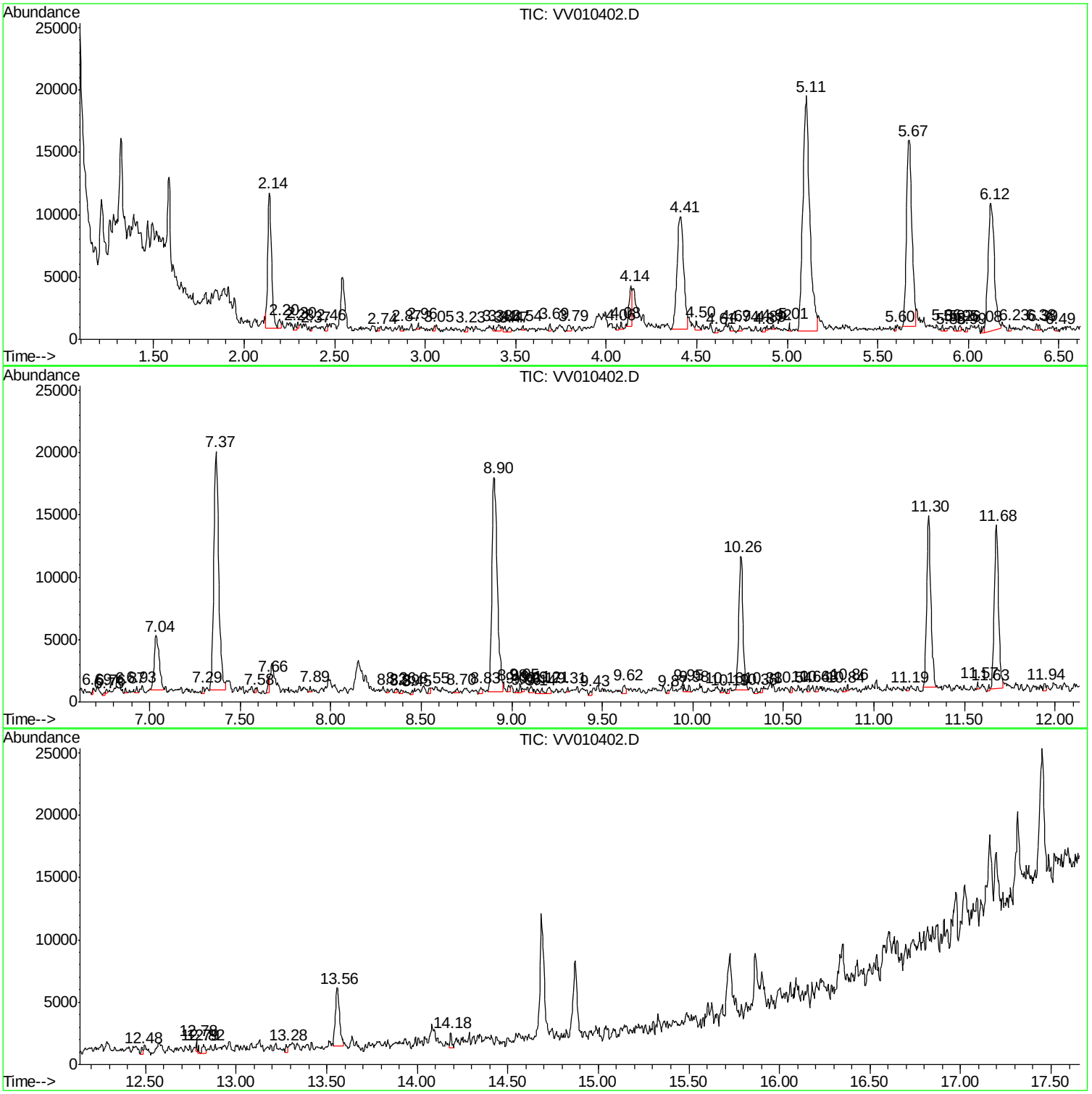
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
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Instrument : MSVOA_V
ClientSampleId : GAHN8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

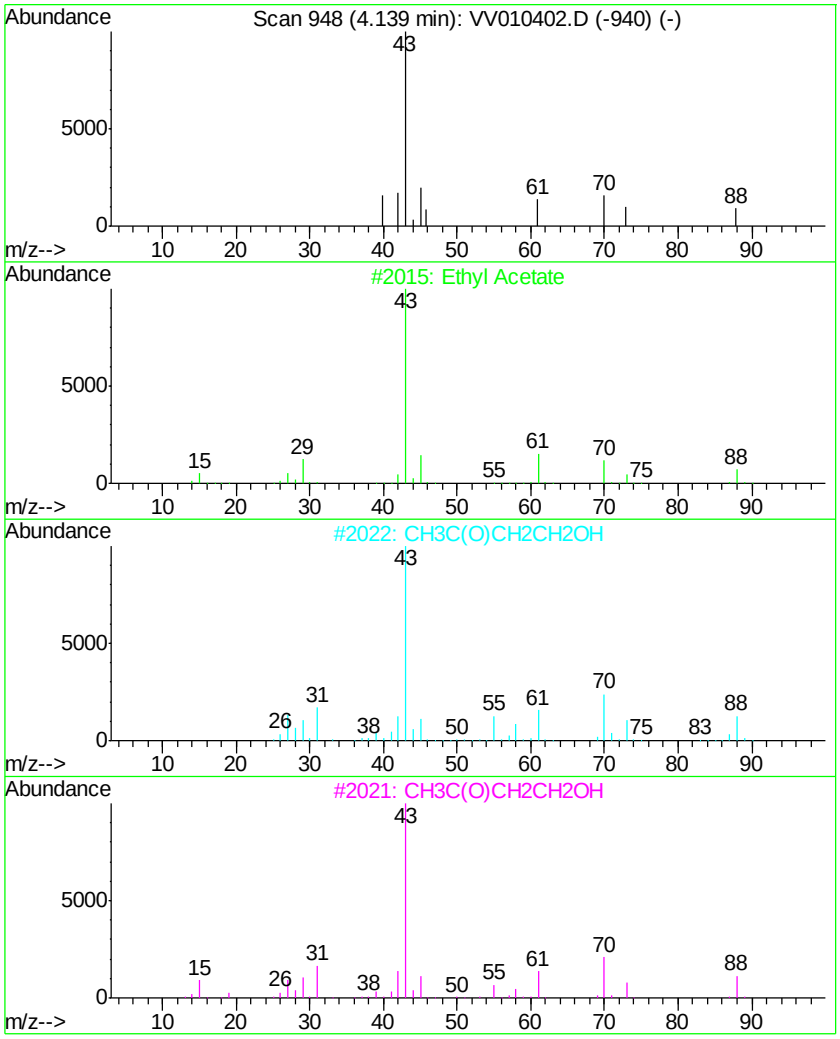
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

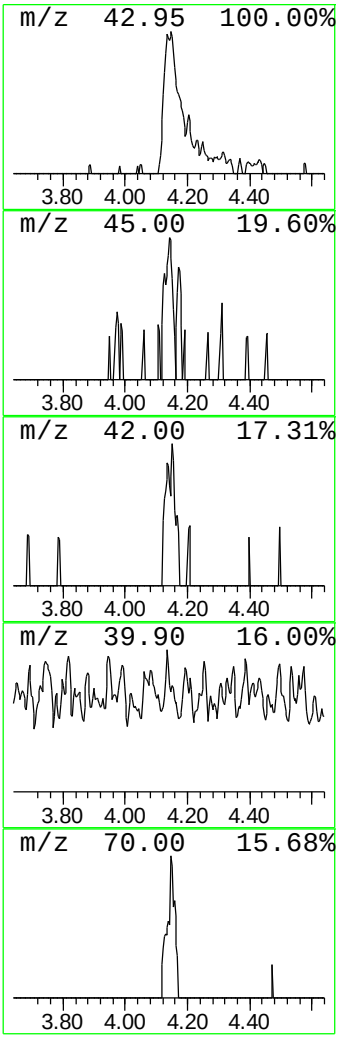
****

Peak Number 1 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	2.86 ug/L	3604	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	78
2	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53
3	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53
4	(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	50
5	Ethyl Acetate	88	C4H8O2	000141-78-6	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

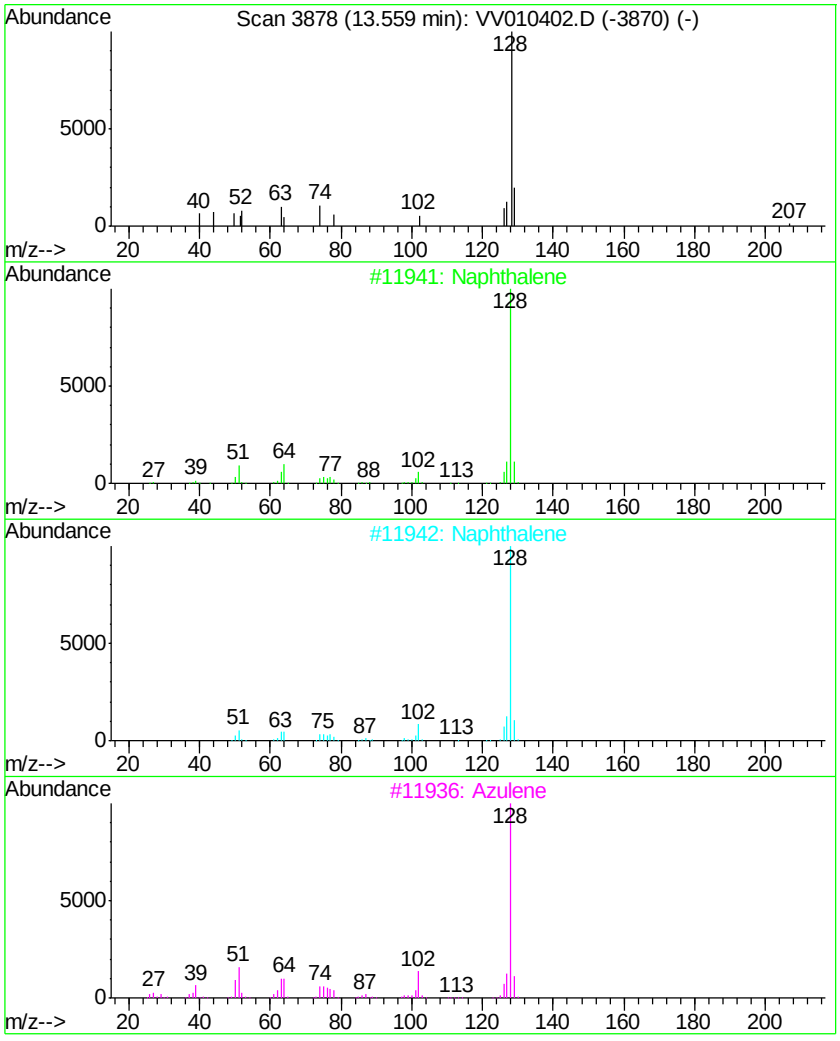
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

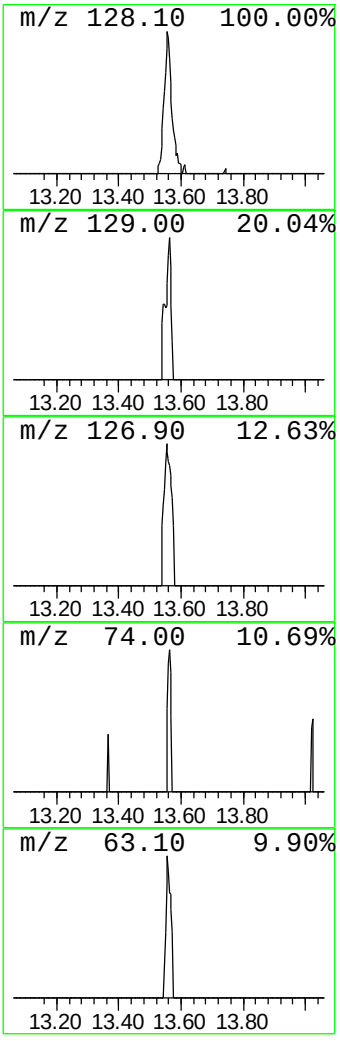
****

Peak Number 3 Naphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	8.71 ug/L	7550	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	78
2	Naphthalene	128	C10H8	000091-20-3	78
3	Azulene	128	C10H8	000275-51-4	72
4	Naphthalene	128	C10H8	000091-20-3	72
5	Naphthalene	128	C10H8	000091-20-3	72





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl Acetate	4.14	2.9	ug/L	3604	1	5.67	31541	25.0
Naphthalene	13.56	8.7	ug/L	7550	3	11.30	21680	25.0