LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
Data File : VV010425.D
Acq On : 22 Apr 2019 21:40
Operator : SY/MD
Sample : K2456-13RE
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN3RE

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\SOM2VLM042219S.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	2.238	355	357	363	rVB4	1315	857	0.55%	0.066%
2	2.280	367	370	372	rBV3	567	426	0.27%	0.033%
3	2.537	441	450	465	rVB2	12552	20594	13.19%	1.597%
4	2.598	465	469	473	rBV2	524	461	0.30%	0.036%
5	2.692	495	498	501	rBV2	402	293	0.19%	0.023%
6	2.724	505	508	511	rVB2	356	260	0.17%	0.020%
7	2.740	511	513	517	rBV2	437	279	0.18%	0.022%
8	2.827	536	540	546	rVB2	841	853	0.55%	0.066%
9	2.859	546	550	553	rBV2	458	457	0.29%	0.035%
10	2.891	557	560	564	rVV	12852	7522	4.82%	0.583%
11	2.913	564	567	572	rVB2	484	477	0.31%	0.037%
12	3.077	610	618	628	rBV5	2292	4797	3.07%	0.372%
13	3.257	671	674	678	rBV2	375	334	0.21%	0.026%
14	3.274	678	679	686	rVB3	563	285	0.18%	0.022%
15	3.306	686	689	694	rVB2	370	267	0.17%	0.021%
16	3.338	694	699	703	rVB2	386	260	0.17%	0.020%
17	3.357	703	705	709	rBV2	353	250	0.16%	0.019%
18	3.563	767	769	771	rVV2	711	385	0.25%	0.030%
19	3.614	780	785	791	rVB	556	801	0.51%	0.062%
20	3.695	805	810	811	rVV	347	289	0.19%	0.022%
21	3.730	815	821	822	rBV	469	387	0.25%	0.030%
22	3.843	853	856	864	rVB2	759	745	0.48%	0.058%
23	3.942	879	887	906	rBV4	5680	16290	10.43%	1.264%
24	4.177	958	960	963	rBV2	461	275	0.18%	0.021%
25	4.225	971	975	980	rBV2	559	536	0.34%	0.042%
26	4.402	1015	1030	1050	rBV4	24756	65449	41.92%	5.077%
27	4.499	1058	1060	1064	rVB2	861	488	0.31%	0.038%
28	4.765	1140	1143	1145	rBV2	339	253	0.16%	0.020%
29	4.810	1154	1157	1160	rBV2	615	304	0.19%	0.024%
30	4.904	1182	1186	1190	rBV3	620	504	0.32%	0.039%
31	4.926	1190	1193	1197	rVB2	386	267	0.17%	0.021%
32	4.971	1204	1207	1212	rVB3	596	528	0.34%	0.041%
33	4.997	1212	1215	1218	rBV2	544	402	0.26%	0.031%
34	5.023	1218	1223	1229	rVB3	795	886	0.57%	0.069%

LSC Area Percent Report

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

Instrument : MSVOA_V
ClientSampleId : GAHN3RE

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\SOM2VLM042219S.M
Title : VOC Analysis

35	5.097	1229	1246	1266	rBV6	55093	146477	93.82%	11.362%
36	5.309	1309	1312	1313	rBV2	729	361	0.23%	0.028%
37	5.553	1386	1388	1391	rVV2	1043	335	0.21%	0.026%
38	5.666	1409	1423	1439	rBV2	55330	116483	74.61%	9.035%
39	5.817	1468	1470	1473	rVB	856	395	0.25%	0.031%
40	5.836	1473	1476	1479	rVB2	518	287	0.18%	0.022%
41	5.862	1479	1484	1486	rBV2	480	441	0.28%	0.034%
42	5.917	1499	1501	1504	rVB	486	284	0.18%	0.022%
43	5.942	1504	1509	1511	rBV	655	469	0.30%	0.036%
44	6.119	1552	1564	1584	rBV4	33355	70804	45.35%	5.492%
45	6.367	1638	1641	1643	rBV	423	283	0.18%	0.022%
46	6.531	1689	1692	1695	rVV3	431	279	0.18%	0.022%
47	6.579	1702	1707	1712	rVV3	374	439	0.28%	0.034%
48	6.691	1735	1742	1743	rBV5	795	818	0.52%	0.063%
49	6.820	1775	1782	1789	rVB5	1959	3182	2.04%	0.247%
50	6.920	1810	1813	1816	rBV2	393	267	0.17%	0.021%
51	6.974	1828	1830	1832	rBV	676	294	0.19%	0.023%
52	7.032	1836	1848	1866	rBV3	16364	32144	20.59%	2.493%
53	7.302	1929	1932	1938	rBV6	939	1012	0.65%	0.078%
54	7.363	1940	1951	1968	rVV2	55711	102951	65.94%	7.985%
55	7.669	2035	2046	2057	rBV3	11693	20686	13.25%	1.605%
56	8.016	2152	2154	2158	rVB3	1160	769	0.49%	0.060%
57	8.051	2162	2165	2168	rVB3	687	465	0.30%	0.036%
58	8.090	2175	2177	2183	rVB3	900	476	0.30%	0.037%
59	8.138	2183	2192	2205	rBV4	16347	34513	22.11%	2.677%
60	8.399	2271	2273	2278	rVV	415	279	0.18%	0.022%
61	8.479	2295	2298	2300	rBV2	707	494	0.32%	0.038%
62	8.534	2312	2315	2320	rVB2	501	387	0.25%	0.030%
63	8.614	2335	2340	2341	rBV2	458	322	0.21%	0.025%
64	8.675	2357	2359	2363	rVB2	611	349	0.22%	0.027%
65	8.704	2365	2368	2370	rVV2	573	357	0.23%	0.028%
66	8.720	2370	2373	2377	rVB2	584	475	0.30%	0.037%
67	8.897	2416	2428	2453	rBV2	86045	156127	100.00%	12.110%
68	9.042	2469	2473	2476	rBV2	478	421	0.27%	0.033%
69	9.228	2528	2531	2533	rBV2	419	270	0.17%	0.021%
70	9.283	2544	2548	2552	rBV2	740	730	0.47%	0.057%
71	9.402	2581	2585	2587	rBV2	664	578	0.37%	0.045%

LSC Area Percent Report

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ClientSampleId : GAHN3RE

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\SOM2VLM042219S.M
Title : VOC Analysis

72	9.572	2635	2638	2641	rBV2	420	383	0.25%	0.030%
73	9.659	2663	2665	2669	rBV2	360	281	0.18%	0.022%
74	9.858	2723	2727	2729	rBV	677	466	0.30%	0.036%
75	9.932	2747	2750	2751	rBV2	479	288	0.18%	0.022%
76	10.006	2770	2773	2777	rVB2	562	267	0.17%	0.021%
77	10.206	2833	2835	2841	rBV	502	408	0.26%	0.032%
78	10.260	2842	2852	2866	rBV	46232	74734	47.87%	5.797%
79	10.428	2896	2904	2914	rVB5	2399	4257	2.73%	0.330%
80	10.514	2928	2931	2938	rBV2	443	513	0.33%	0.040%
81	10.566	2943	2947	2950	rBV	500	446	0.29%	0.035%
82	10.585	2950	2953	2955	rBV3	631	419	0.27%	0.033%
83	10.624	2961	2965	2966	rBV3	510	309	0.20%	0.024%
84	10.961	3067	3070	3071	rBV	651	308	0.20%	0.024%
85	11.080	3105	3107	3111	rBV2	425	292	0.19%	0.023%
86	11.231	3150	3154	3157	rBV2	562	564	0.36%	0.044%
87	11.299	3165	3175	3196	rVB2	66447	121379	77.74%	9.415%
88	11.675	3282	3292	3310	rVB3	64052	111547	71.45%	8.652%
89	11.829	3338	3340	3342	rVB2	704	267	0.17%	0.021%
90	12.247	3464	3470	3471	rBV2	605	589	0.38%	0.046%
91	12.399	3514	3517	3521	rBV	526	490	0.31%	0.038%
92	12.460	3534	3536	3539	rBV3	544	305	0.20%	0.024%
93	12.579	3568	3573	3578	rBV3	562	810	0.52%	0.063%
94	12.739	3620	3623	3625	rBV2	529	367	0.24%	0.028%
95	12.781	3633	3636	3640	rBV2	877	717	0.46%	0.056%
96	13.553	3868	3876	3886	rBV2	14209	22847	14.63%	1.772%
97	13.624	3895	3898	3899	rBV	613	320	0.20%	0.025%
98	13.862	3970	3972	3974	rBV	627	301	0.19%	0.023%
99	14.685	4218	4228	4239	rBV	43767	70161	44.94%	5.442%
100	14.868	4277	4285	4294	rBV2	33045	52030	33.33%	4.036%

Sum of corrected areas: 1289229

LSC Report - Integrated Chromatogram

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Data File : VV010425.D
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Operator : SY/MD
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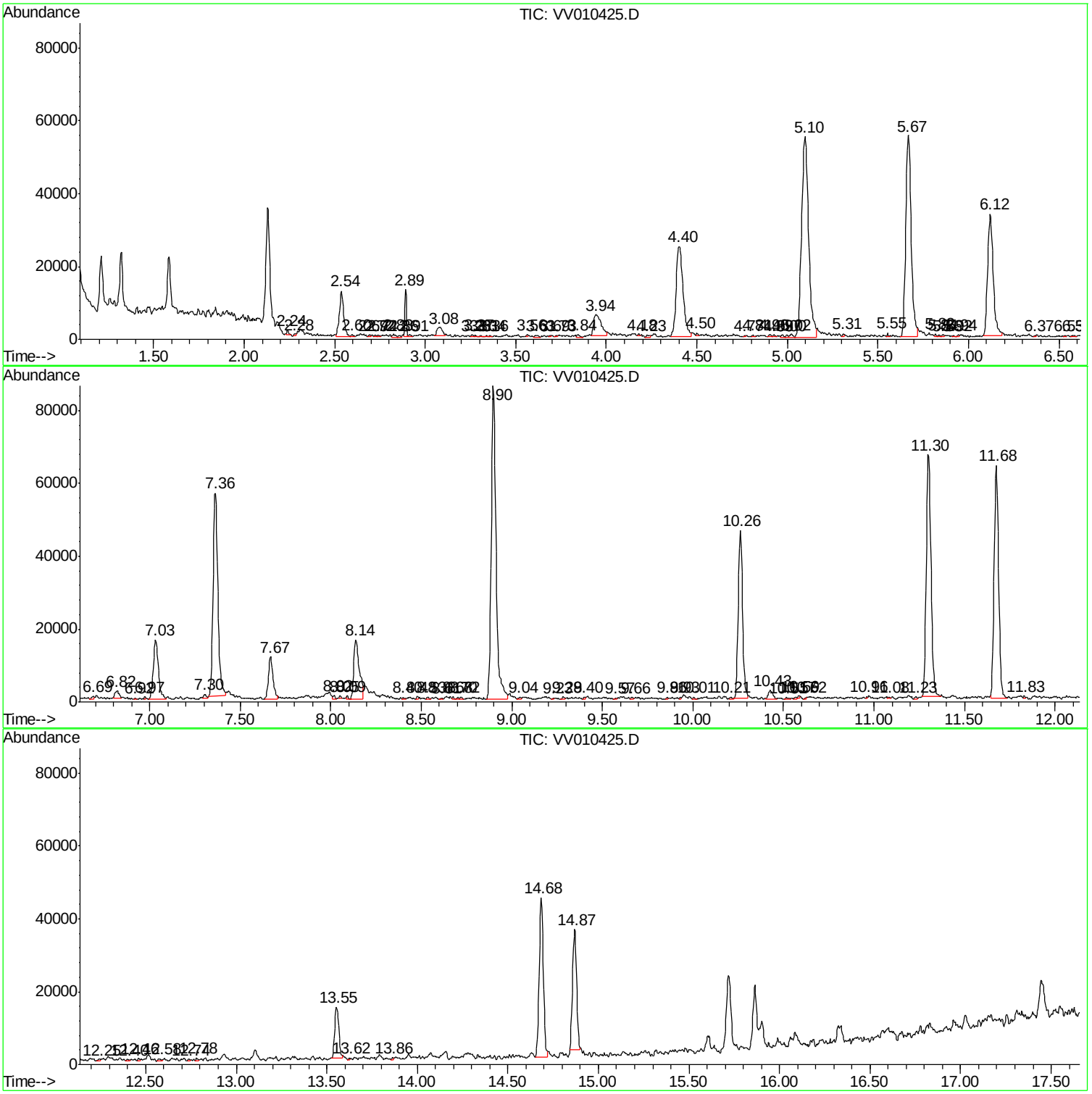
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.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\VV042219\
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ClientSampleId : GAHN3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

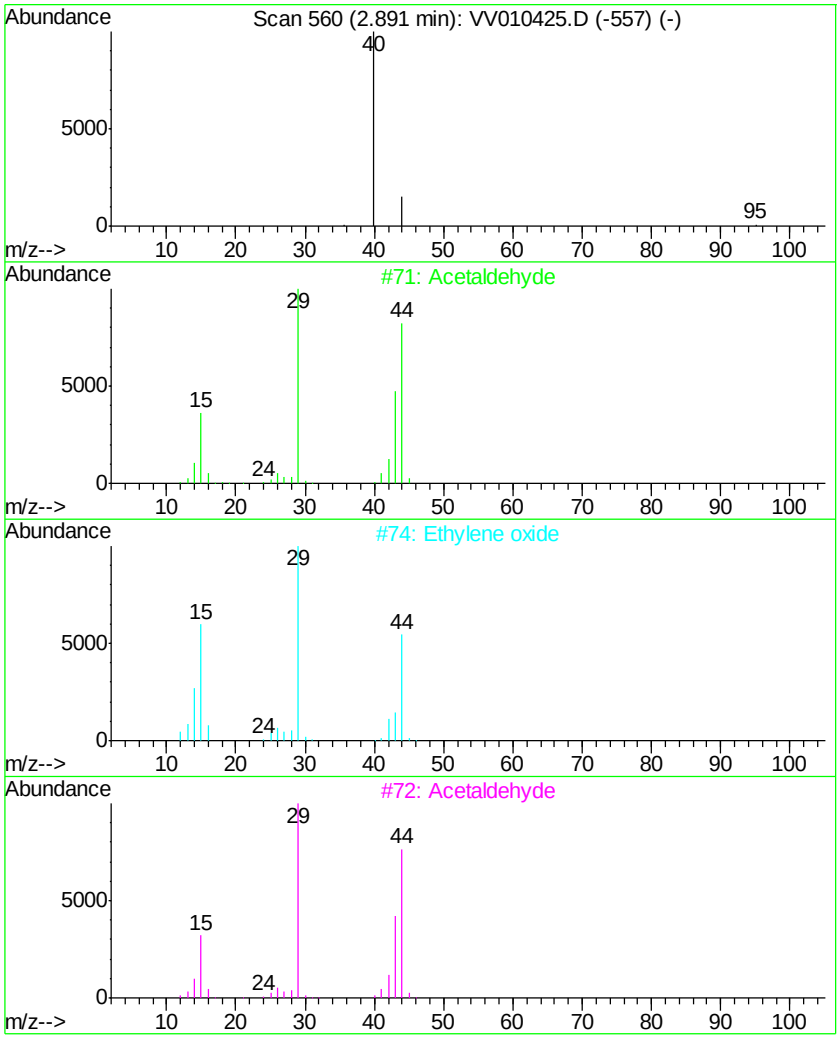
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

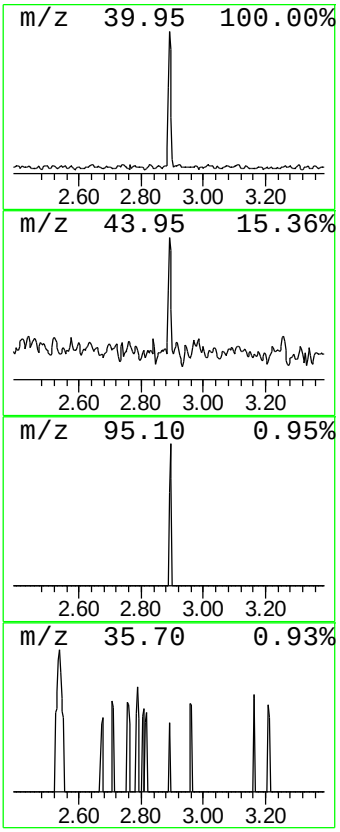
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	1.61 ug/L	7522	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	1
2	Ethylene oxide	44	C2H4O	000075-21-8	1
3	Acetaldehyde	44	C2H4O	000075-07-0	1
4	Propane	44	C3H8	000074-98-6	1
5	Propane	44	C3H8	000074-98-6	1





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

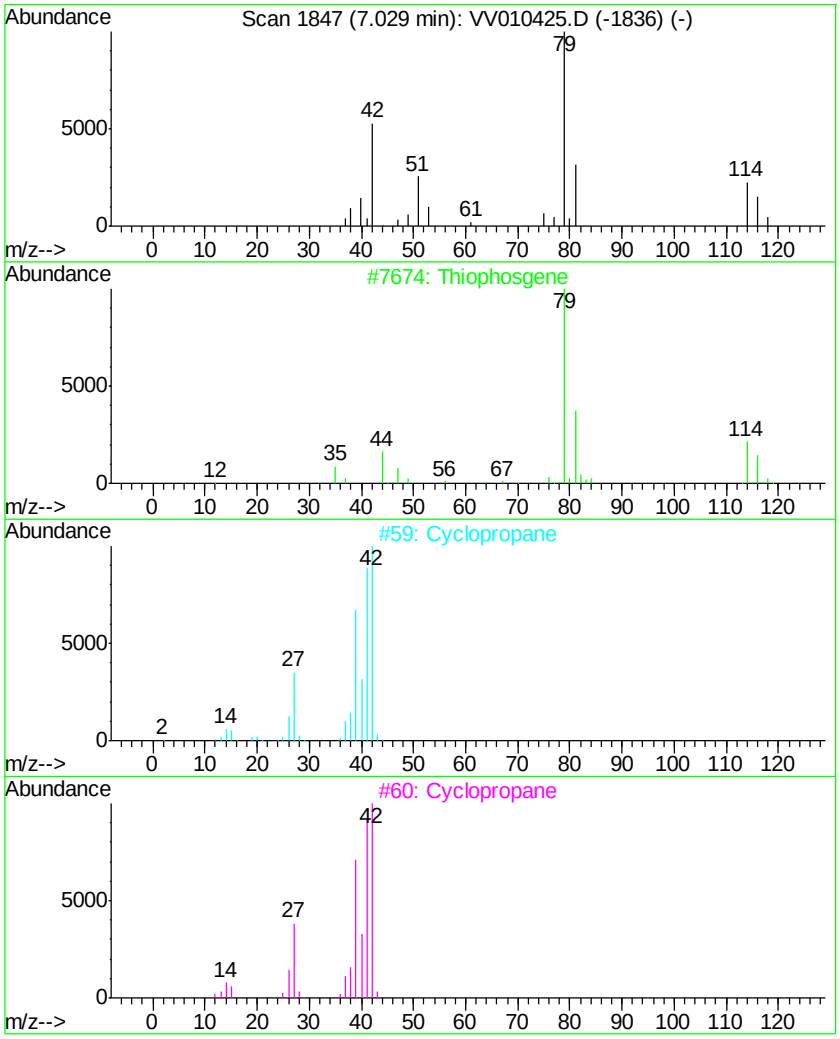
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

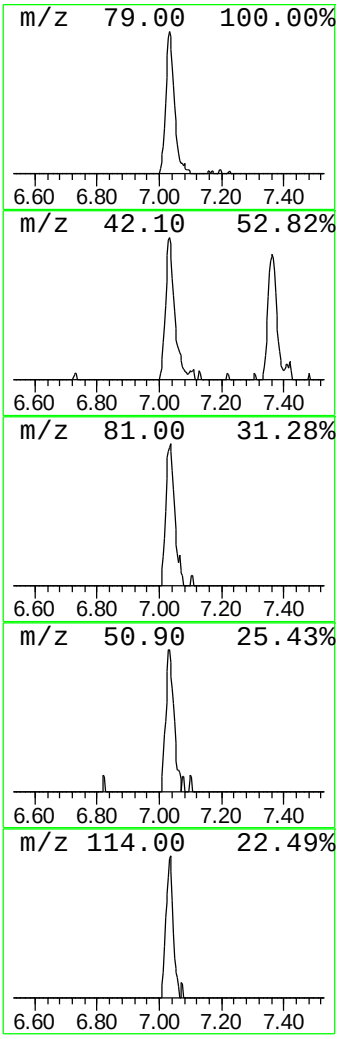
****

Peak Number 2 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	6.90 ug/L	32144	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophosgene	114	CCl2S	000463-71-8	49
2	Cyclopropane	42	C3H6	000075-19-4	9
3	Cyclopropane	42	C3H6	000075-19-4	9
4	2,3-Butanedione, dioxime	116	C4H8N2O2	000095-45-4	9
5	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

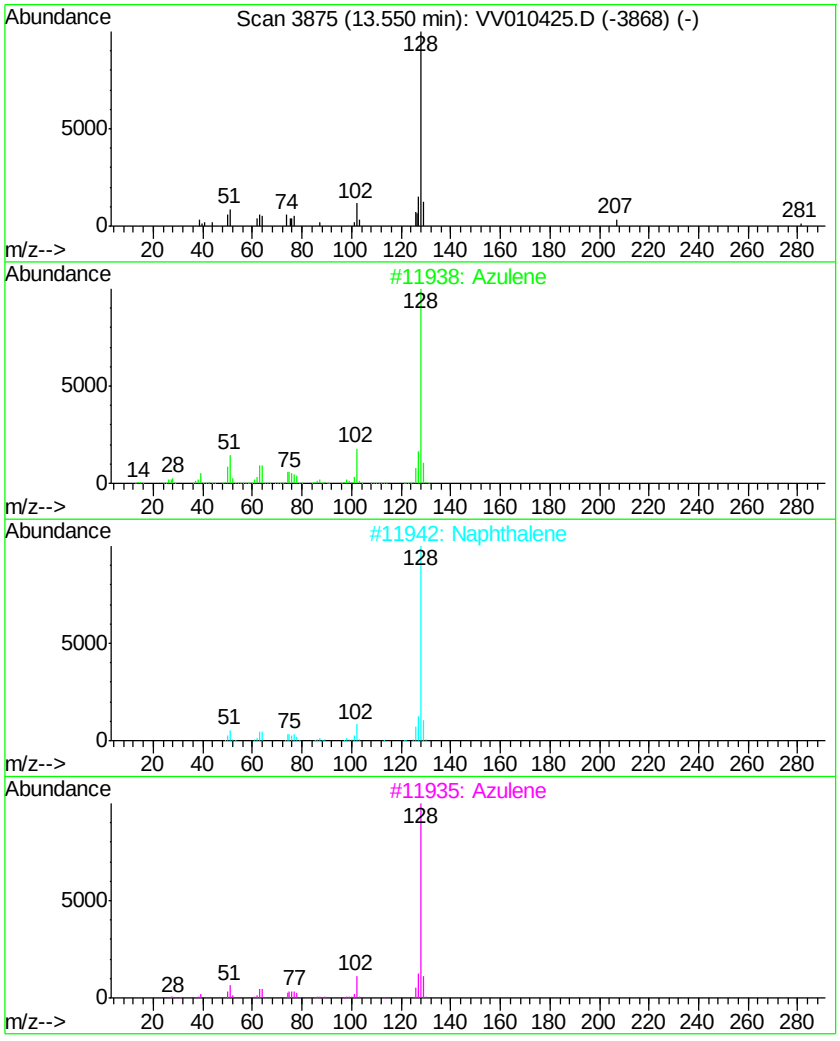
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

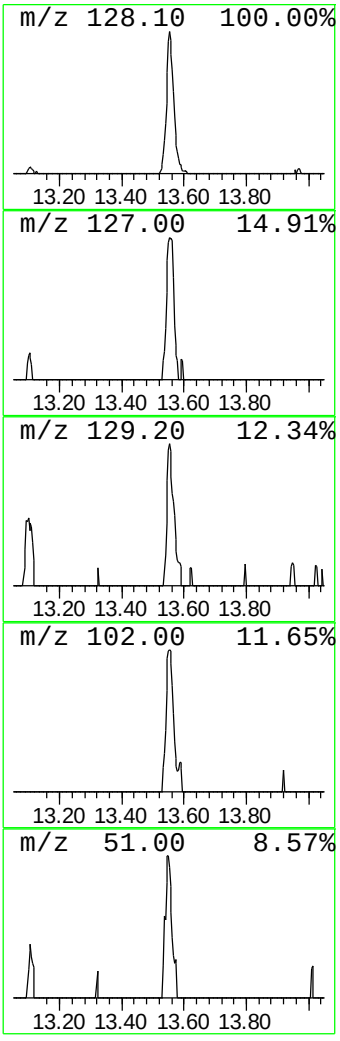
****

Peak Number 3 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	4.71 ug/L	22847	1,4-Dichlorobenzene-d4	11.30

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	2.89	1.6	ug/L	7522	1	5.67	116483	25.0
unknown-02	7.03	6.9	ug/L	32144	1	5.67	116483	25.0
Azulene	13.55	4.7	ug/L	22847	3	11.30	121379	25.0