LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035763.D
Acq On : 24 May 2024 21:29
Operator : SY/MD
Sample : P2589-07
Misc : 6.29g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5W6

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\SFAMVLM050624SMA.M
Title : VOC Analysis

Signal : TIC: VV035763.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.060	308	317	331	rVB2	18540	27842	38.03%	5.503%
2	2.449	429	438	453	rVB	9633	16583	22.65%	3.278%
3	2.503	453	455	459	rBV	341	223	0.30%	0.044%
4	2.670	505	507	511	rBV	288	205	0.28%	0.041%
5	2.693	511	514	517	rBV2	297	158	0.22%	0.031%
6	2.738	525	528	531	rVB2	172	109	0.15%	0.022%
7	2.754	531	533	538	rBV2	249	236	0.32%	0.047%
8	2.892	573	576	580	rBB2	232	139	0.19%	0.027%
9	2.969	590	600	602	rBV4	2624	3364	4.60%	0.665%
10	3.127	647	649	653	rVB	278	167	0.23%	0.033%
11	3.150	653	656	659	rVB2	254	162	0.22%	0.032%
12	3.182	659	666	669	rBV	378	451	0.62%	0.089%
13	3.272	692	694	699	rBV2	271	220	0.30%	0.043%
14	3.404	732	735	738	rBV2	376	210	0.29%	0.042%
15	3.497	761	764	767	rVB2	250	135	0.18%	0.027%
16	3.516	767	770	773	rBV2	268	201	0.27%	0.040%
17	3.616	799	801	803	rBV	187	90	0.12%	0.018%
18	3.799	845	858	880	rBV	17570	55949	76.43%	11.059%
19	4.166	969	972	974	rBV2	415	281	0.38%	0.056%
20	4.256	989	1000	1002	rBV3	10877	15941	21.78%	3.151%
21	4.391	1040	1042	1044	rBV	310	148	0.20%	0.029%
22	4.564	1094	1096	1098	rBV	210	116	0.16%	0.023%
23	4.577	1098	1100	1102	rVB	205	82	0.11%	0.016%
24	4.648	1120	1122	1126	rBV	152	99	0.14%	0.020%
25	4.712	1140	1142	1145	rVB	241	132	0.18%	0.026%
26	4.731	1145	1148	1149	rBV	197	115	0.16%	0.023%
27	4.889	1194	1197	1200	rBV	232	184	0.25%	0.036%
28	4.969	1209	1222	1248	rBV7	26131	73204	100.00%	14.469%
29	5.127	1269	1271	1273	rVB	341	100	0.14%	0.020%
30	5.159	1279	1281	1284	rBV2	525	286	0.39%	0.057%
31	5.391	1349	1353	1356	rBV	350	301	0.41%	0.059%
32	5.510	1388	1390	1394	rVB	196	106	0.14%	0.021%
33	5.551	1394	1403	1427	rBV2	15057	35686	48.75%	7.053%
34	5.764	1467	1469	1471	rVB	249	105	0.14%	0.021%
35	5.786	1471	1476	1479	rVB2	231	168	0.23%	0.033%
36	5.841	1486	1493	1506	rVB8	2368	4856	6.63%	0.960%

LSC Area Percent Report

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Sample : P2589-07
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5W6

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\SFAMVLM050624SMA.M
Title : VOC Analysis

37	5.921	1517	1518	1520	rBV	227	77	0.11%	0.015%
38	5.998	1531	1542	1566	rBV3	14880	35474	48.46%	7.012%
39	6.204	1603	1606	1608	rBV2	214	156	0.21%	0.031%
40	6.239	1613	1617	1620	rVB	256	171	0.23%	0.034%
41	6.259	1620	1623	1626	rVB	285	167	0.23%	0.033%
42	6.281	1626	1630	1633	rBV2	186	151	0.21%	0.030%
43	6.326	1640	1644	1646	rVB	179	107	0.15%	0.021%
44	6.342	1646	1649	1651	rBV	111	71	0.10%	0.014%
45	6.468	1685	1688	1691	rVB	314	173	0.24%	0.034%
46	6.619	1732	1735	1740	rVB	222	150	0.20%	0.030%
47	6.645	1740	1743	1746	rBV	113	101	0.14%	0.020%
48	6.712	1761	1764	1771	rBV2	217	209	0.29%	0.041%
49	6.809	1791	1794	1797	rBV	353	220	0.30%	0.043%
50	6.883	1815	1817	1821	rBV	250	144	0.20%	0.028%
51	6.937	1825	1834	1850	rBV5	3729	9920	13.55%	1.961%
52	7.082	1875	1879	1881	rVB	218	146	0.20%	0.029%
53	7.101	1881	1885	1889	rBV	251	268	0.37%	0.053%
54	7.156	1899	1902	1908	rBV2	253	212	0.29%	0.042%
55	7.198	1912	1915	1919	rVV2	267	182	0.25%	0.036%
56	7.255	1924	1933	1964	rBV2	18917	40908	55.88%	8.086%
57	7.439	1988	1990	1992	rBV2	254	136	0.19%	0.027%
58	7.471	1998	2000	2003	rBV	262	145	0.20%	0.029%
59	7.583	2030	2035	2036	rBV3	1679	1280	1.75%	0.253%
60	7.780	2094	2096	2097	rBV	194	67	0.09%	0.013%
61	7.834	2111	2113	2116	rBV2	179	98	0.13%	0.019%
62	7.882	2116	2128	2134	rVV6	1827	3388	4.63%	0.670%
63	7.934	2142	2144	2146	rBV6	125	68	0.09%	0.013%
64	8.011	2164	2168	2169	rBV	348	207	0.28%	0.041%
65	8.050	2178	2180	2185	rVB	388	189	0.26%	0.037%
66	8.088	2188	2192	2194	rBV	733	558	0.76%	0.110%
67	8.194	2218	2225	2228	rBV3	476	639	0.87%	0.126%
68	8.291	2253	2255	2257	rBV	149	82	0.11%	0.016%
69	8.333	2267	2268	2270	rBV	435	192	0.26%	0.038%
70	8.391	2284	2286	2288	rBV	280	118	0.16%	0.023%
71	8.497	2316	2319	2320	rBV	242	148	0.20%	0.029%
72	8.738	2389	2394	2398	rBV2	369	358	0.49%	0.071%
73	8.796	2402	2412	2434	rBV	26787	51880	70.87%	10.254%
74	8.956	2458	2462	2467	rBV3	451	497	0.68%	0.098%
75	9.030	2479	2485	2488	rBV2	458	486	0.66%	0.096%
76	9.127	2510	2515	2517	rBV2	308	275	0.38%	0.054%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
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Operator : SY/MD
Sample : P2589-07
Misc : 6.29g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5W6

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\SFAMVLM050624SMA.M
Title : VOC Analysis

77	9.429	2605	2609	2612	rBV2	291	274	0.37%	0.054%
78	9.458	2615	2618	2622	rVB3	421	286	0.39%	0.057%
79	9.583	2654	2657	2661	rVB	323	230	0.31%	0.045%
80	9.609	2662	2665	2667	rBV3	326	233	0.32%	0.046%
81	9.780	2714	2718	2722	rBV3	397	397	0.54%	0.078%
82	10.043	2796	2800	2805	rBV2	364	437	0.60%	0.086%
83	10.159	2826	2836	2846	rBV2	10292	16523	22.57%	3.266%
84	10.281	2871	2874	2876	rBV	401	291	0.40%	0.058%
85	10.326	2879	2888	2899	rVB	6134	9854	13.46%	1.948%
86	10.426	2917	2919	2920	rBV3	225	114	0.16%	0.023%
87	10.612	2975	2977	2979	rBV	268	150	0.20%	0.030%
88	10.657	2989	2991	2992	rBV	202	92	0.13%	0.018%
89	10.831	3042	3045	3047	rBV	473	357	0.49%	0.071%
90	11.085	3120	3124	3131	rBV3	680	764	1.04%	0.151%
91	11.194	3149	3158	3175	rBV2	22962	40530	55.37%	8.011%
92	11.355	3204	3208	3210	rBV3	825	536	0.73%	0.106%
93	11.432	3230	3232	3236	rVB2	390	244	0.33%	0.048%
94	11.567	3265	3274	3289	rBV3	16655	31176	42.59%	6.162%
95	11.914	3379	3382	3384	rBV2	351	190	0.26%	0.038%
96	12.027	3414	3417	3423	rBV3	396	373	0.51%	0.074%
97	12.114	3441	3444	3447	rBV2	500	277	0.38%	0.055%
98	12.194	3463	3469	3479	rVB	5747	8637	11.80%	1.707%
99	13.043	3731	3733	3736	rBV3	385	263	0.36%	0.052%
100	13.686	3925	3933	3940	rBV4	4340	5535	7.56%	1.094%

Sum of corrected areas: 505935

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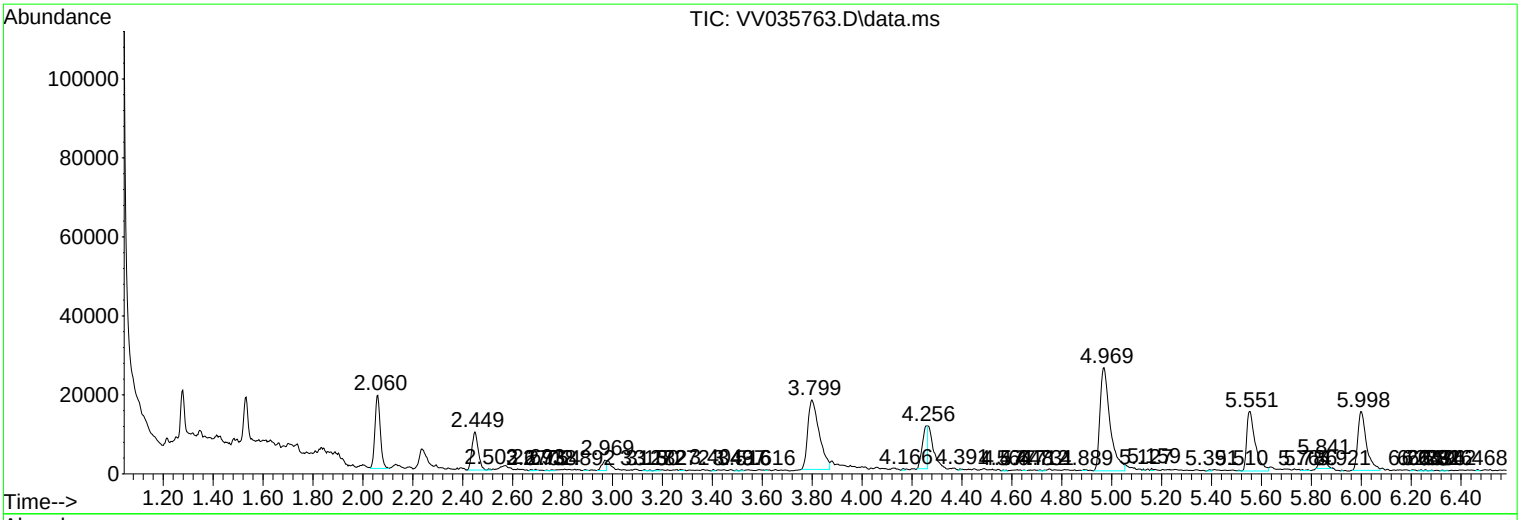
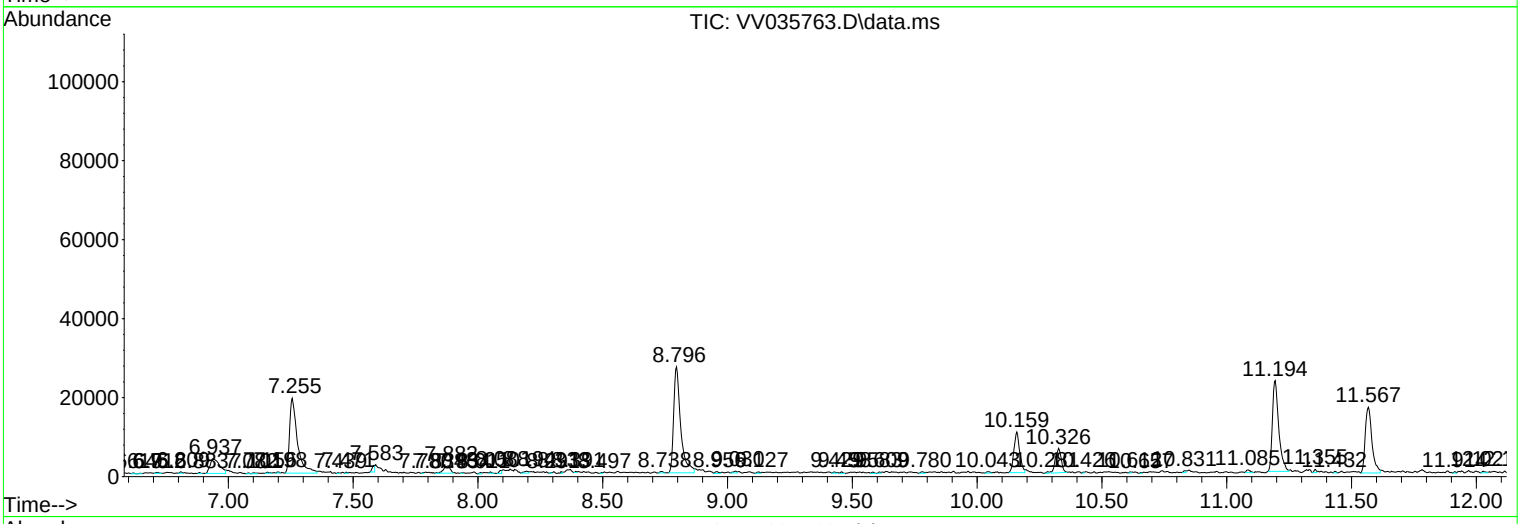
Misc : 6.29g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 34 Sample Multiplier: 1

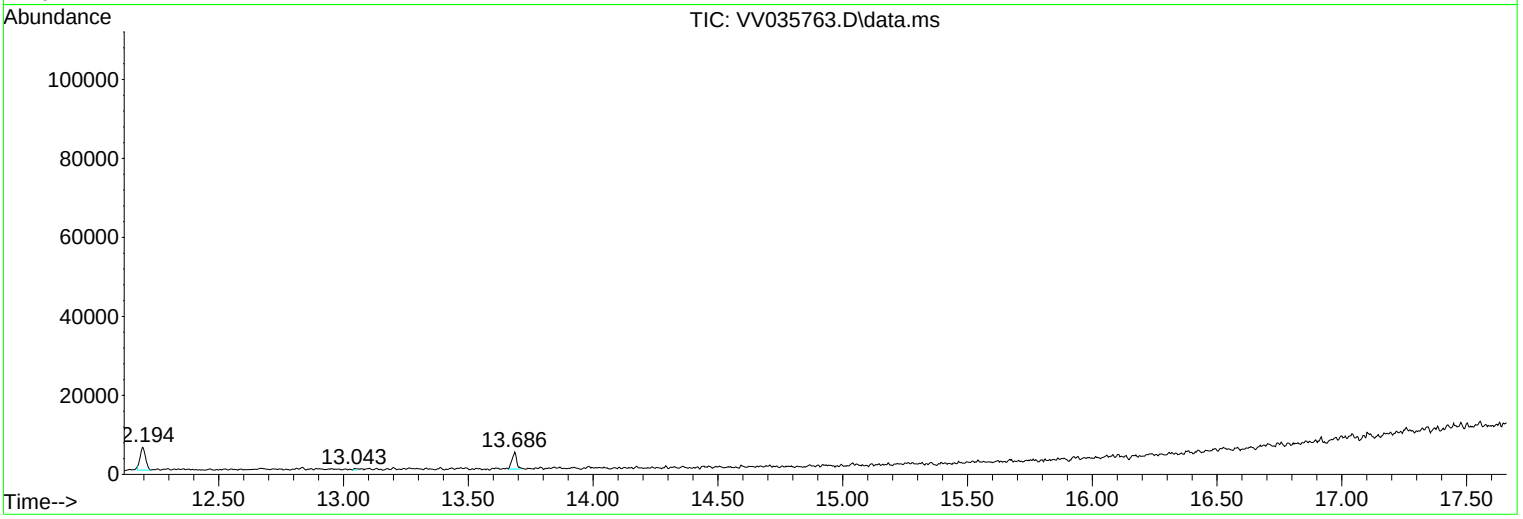
Instrument :
MSVOA_V
ClientSampleId :
BH5W6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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







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Instrument :
MSVOA_V
ClientSampleId :
BH5W6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

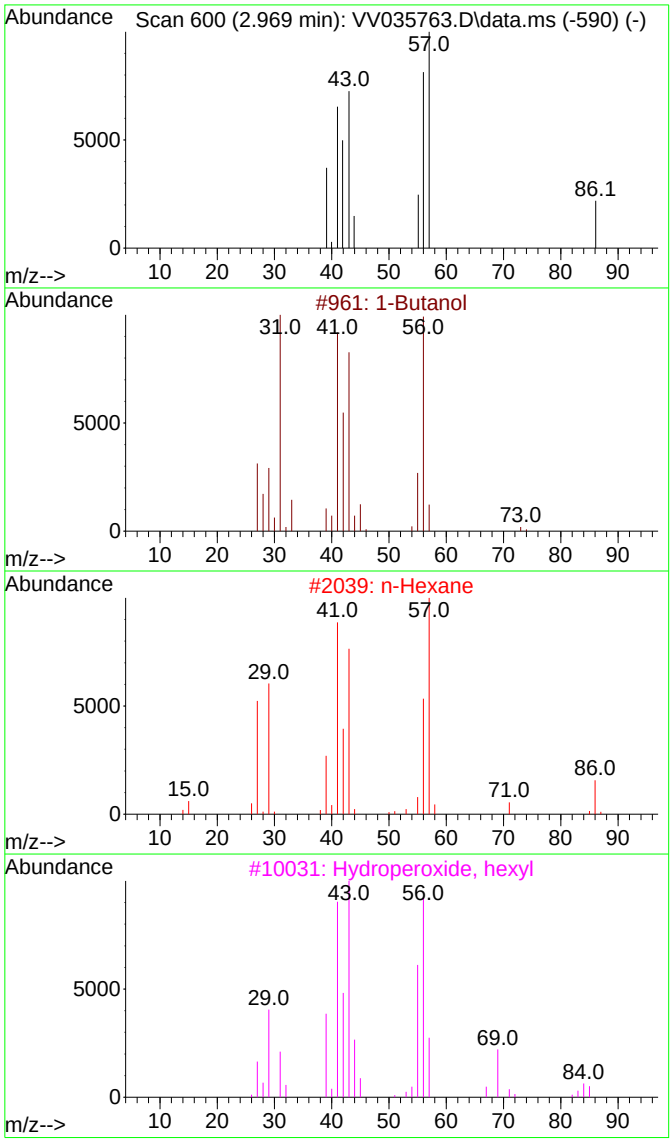
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

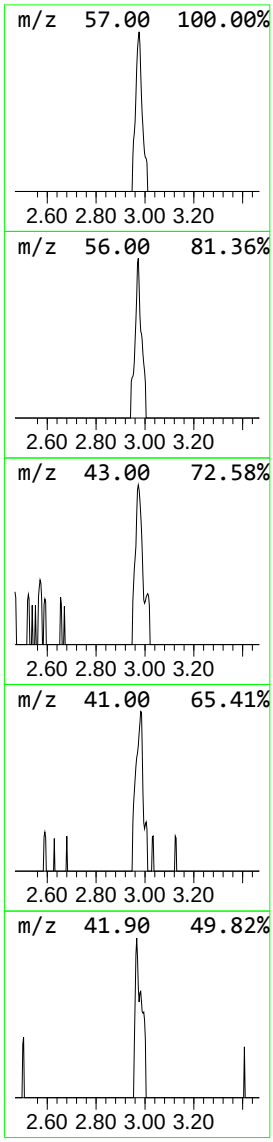
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.969	2.36 ug/L	3364	1,4-Difluorobenzene	5.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	38
2	n-Hexane	86	C6H14	000110-54-3	36
3	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	33
4	n-Hexane	86	C6H14	000110-54-3	9
5	n-Hexane	86	C6H14	000110-54-3	9





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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5W6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

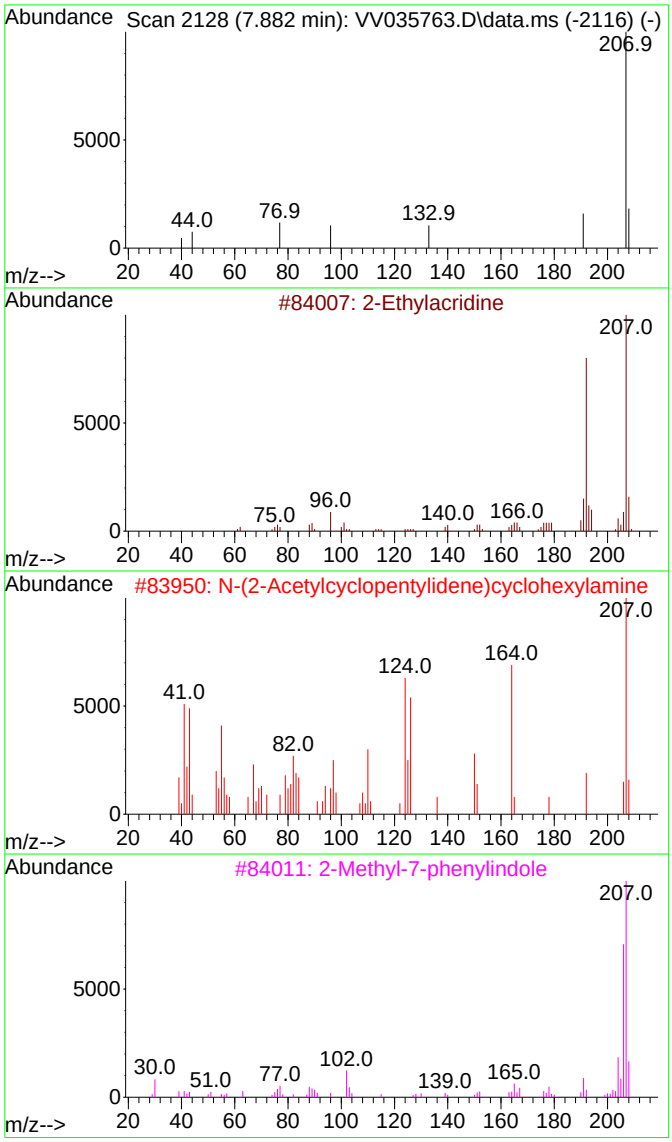
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

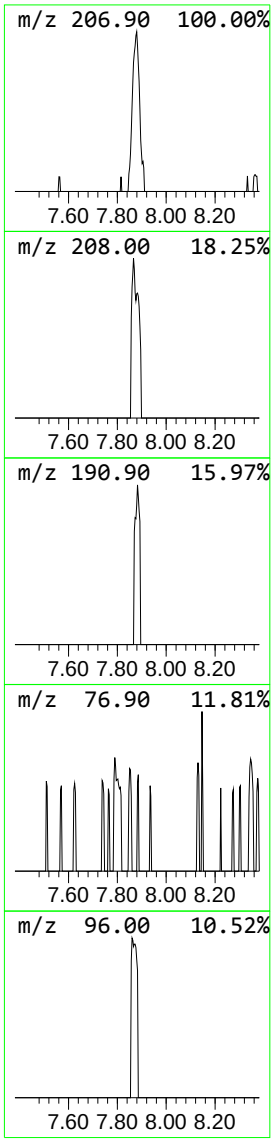
****

Peak Number 5 2-Ethylacridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.882	1.63 ug/L	3388	Chlorobenzene-d5	8.796

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylacridine	207	C15H13N	055751-83-2	64
2	N-(2-Acetylcyclopentylidene)cycl...	207	C13H21NO	1000100-48-5	9
3	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	9
4	(E)-3-(3,4-Dimethoxyphenyl)prop-...	207	C11H13NO3	130973-10-3	9
5	Carbonic acid, monoamide, N-(2-e...	207	C12H17NO2	1010340-19-1	9





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Instrument :
MSVOA_V
ClientSampleId :
BH5W6

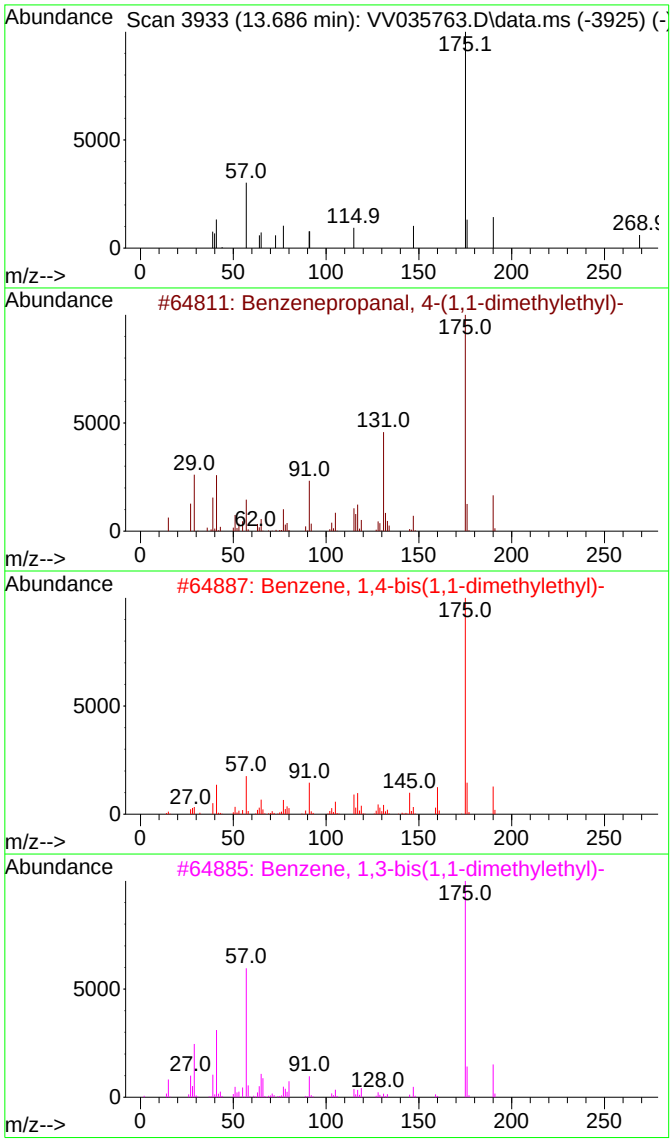
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

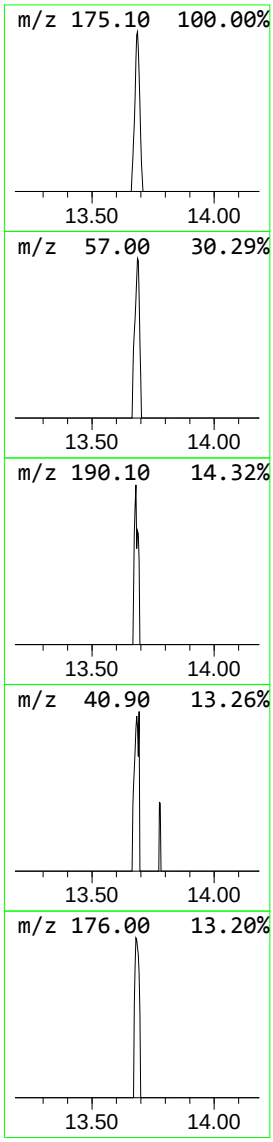
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzenepropanal, 4-(1,1-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	3.41 ug/L	5535	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	59
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	59





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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	2.969	2.4	ug/L	3364	1	5.555	35686	25.0
2-Ethylacridine	7.882	1.6	ug/L	3388	2	8.796	51880	25.0
Benzenepropanal...	13.686	3.4	ug/L	5535	3	11.194	40530	25.0