LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031139.D
Acq On : 20 May 2023 05:09
Operator : SY/MD
Sample : 02865-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GBX68

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\SFAMVLM051923WMA.M
Title : VOC Analysis

Signal : TIC: VV031139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.281	69	75	91	rVB	131733	143825	14.51%	1.888%
2	1.352	93	97	105	rVB	34495	36524	3.68%	0.479%
3	1.532	147	153	167	rVB	116058	137170	13.84%	1.801%
4	2.063	309	318	328	rBV	253400	362027	36.53%	4.752%
5	2.394	419	421	426	rBV5	1643	1323	0.13%	0.017%
6	2.696	513	515	523	rBV8	1419	1712	0.17%	0.022%
7	2.751	528	532	535	rBV6	2079	1776	0.18%	0.023%
8	2.780	539	541	543	rBV3	1325	660	0.07%	0.009%
9	2.847	558	562	564	rVB5	1368	827	0.08%	0.011%
10	2.879	570	572	575	rBV4	2455	1808	0.18%	0.024%
11	2.931	587	588	591	rVB3	1247	481	0.05%	0.006%
12	2.966	597	599	604	rBV5	1858	1649	0.17%	0.022%
13	3.037	619	621	624	rVB3	1367	703	0.07%	0.009%
14	3.050	624	625	626	rBV	963	320	0.03%	0.004%
15	3.085	633	636	638	rBV4	1818	1002	0.10%	0.013%
16	3.217	674	677	678	rBV3	749	433	0.04%	0.006%
17	3.278	693	696	703	rVB7	2984	2821	0.28%	0.037%
18	3.314	703	707	709	rBV5	1682	1369	0.14%	0.018%
19	3.696	823	826	827	rBV3	1055	455	0.05%	0.006%
20	3.744	839	841	843	rVB3	1557	712	0.07%	0.009%
21	3.793	843	856	884	rBV	80815	237043	23.92%	3.112%
22	4.256	987	1000	1022	rBV	160315	402353	40.59%	5.282%
23	4.693	1134	1136	1137	rVB2	1025	316	0.03%	0.004%
24	4.712	1137	1142	1143	rBV5	1776	1505	0.15%	0.020%
25	4.815	1171	1174	1175	rBV3	1378	793	0.08%	0.010%
26	4.963	1204	1220	1250	rBV2	367410	991158	100.00%	13.011%
27	5.449	1368	1371	1376	rVB6	2277	1963	0.20%	0.026%
28	5.542	1388	1400	1425	rBV	288538	581901	58.71%	7.639%
29	5.902	1509	1512	1514	rBV4	2837	1754	0.18%	0.023%
30	5.995	1530	1541	1563	rBV	216280	438851	44.28%	5.761%
31	6.423	1671	1674	1677	rBV5	2489	1714	0.17%	0.022%
32	6.828	1799	1800	1806	rBV6	1764	1391	0.14%	0.018%
33	6.918	1819	1828	1846	rBV	102664	191643	19.34%	2.516%
34	7.249	1920	1931	1949	rBV	404130	710520	71.69%	9.327%
35	7.403	1977	1979	1982	rBV4	2596	1220	0.12%	0.016%
36	7.558	2018	2027	2039	rBV2	72978	125998	12.71%	1.654%

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ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GBX68

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\SFAMVLM051923WMA.M
Title : VOC Analysis

37	7.844	2111	2116	2118	rBV4	1410	1150	0.12%	0.015%
38	7.950	2146	2149	2150	rBV3	1499	922	0.09%	0.012%
39	7.963	2150	2153	2156	rVV4	2048	1793	0.18%	0.024%
40	7.979	2156	2158	2159	rVV3	1774	644	0.06%	0.008%
41	8.030	2164	2174	2188	rBV	242646	443873	44.78%	5.827%
42	8.419	2292	2295	2296	rBV3	1334	769	0.08%	0.010%
43	8.458	2305	2307	2309	rBV3	1575	760	0.08%	0.010%
44	8.506	2319	2322	2323	rBV3	1009	558	0.06%	0.007%
45	8.529	2327	2329	2330	rBV	919	298	0.03%	0.004%
46	8.561	2337	2339	2340	rVB2	945	362	0.04%	0.005%
47	8.577	2341	2344	2348	rVV5	1848	1360	0.14%	0.018%
48	8.654	2366	2368	2369	rBV2	368	151	0.02%	0.002%
49	8.661	2369	2370	2373	rVV3	1373	690	0.07%	0.009%
50	8.680	2373	2376	2379	rVV4	1367	954	0.10%	0.013%
51	8.702	2381	2383	2386	rBV5	986	696	0.07%	0.009%
52	8.738	2393	2394	2395	rVB	819	158	0.02%	0.002%
53	8.747	2395	2397	2398	rBV2	1080	460	0.05%	0.006%
54	8.792	2399	2411	2427	rBV	420710	687312	69.34%	9.022%
55	9.117	2509	2512	2513	rBV3	773	442	0.04%	0.006%
56	9.156	2523	2524	2526	rBV2	1428	750	0.08%	0.010%
57	9.236	2546	2549	2551	rBV4	967	787	0.08%	0.010%
58	9.281	2561	2563	2564	rBV2	724	278	0.03%	0.004%
59	9.291	2564	2566	2568	rVV3	1152	487	0.05%	0.006%
60	9.313	2571	2573	2575	rVB2	1210	370	0.04%	0.005%
61	9.326	2575	2577	2578	rBV2	1273	537	0.05%	0.007%
62	9.400	2598	2600	2603	rBV3	900	455	0.05%	0.006%
63	9.423	2603	2607	2613	rVB8	1601	1713	0.17%	0.022%
64	9.461	2613	2619	2621	rBV7	1065	999	0.10%	0.013%
65	9.487	2621	2627	2630	rBV7	1646	1831	0.18%	0.024%
66	9.609	2664	2665	2667	rBV2	1418	635	0.06%	0.008%
67	9.657	2670	2680	2695	rBV2	14089	29372	2.96%	0.386%
68	9.960	2766	2774	2786	rBV3	20470	38244	3.86%	0.502%
69	10.098	2814	2817	2818	rBV3	2261	970	0.10%	0.013%
70	10.159	2826	2836	2855	rVB	323665	509100	51.36%	6.683%
71	10.667	2992	2994	2998	rVB4	1455	828	0.08%	0.011%
72	10.786	3028	3031	3035	rBV5	2536	1988	0.20%	0.026%
73	11.191	3147	3157	3175	rVB	420792	658883	66.48%	8.649%
74	11.497	3239	3252	3263	rBV2	44029	92899	9.37%	1.219%
75	11.567	3265	3274	3291	rVB	447242	711836	71.82%	9.344%
76	11.876	3368	3370	3372	rBV3	1799	868	0.09%	0.011%

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Instrument :
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ClientSampleId :
GBX68

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\SFAMVLM051923WMA.M
Title : VOC Analysis

77	12.188	3462	3467	3477	rVB5	11150	14904	1.50%	0.196%
78	12.352	3516	3518	3519	rBV2	2477	896	0.09%	0.012%
79	12.394	3527	3531	3537	rBV8	2646	3052	0.31%	0.040%
80	12.522	3568	3571	3573	rBV4	1786	999	0.10%	0.013%
81	12.795	3653	3656	3658	rBV4	2083	1494	0.15%	0.020%
82	12.863	3674	3677	3680	rBV5	2149	1237	0.12%	0.016%
83	13.509	3875	3878	3880	rBV4	1228	635	0.06%	0.008%
84	13.525	3881	3883	3886	rBV4	1852	1157	0.12%	0.015%
85	13.577	3896	3899	3900	rBV2	1711	1017	0.10%	0.013%
86	13.628	3913	3915	3917	rBV3	1340	577	0.06%	0.008%
87	13.718	3941	3943	3947	rBV4	1487	966	0.10%	0.013%
88	13.898	3996	3999	4000	rBV2	2515	1601	0.16%	0.021%
89	14.008	4032	4033	4034	rBV	1280	338	0.03%	0.004%
90	14.040	4042	4043	4046	rBV3	2036	989	0.10%	0.013%
91	14.104	4060	4063	4066	rBV5	1916	1667	0.17%	0.022%
92	14.230	4100	4102	4104	rBV3	1360	451	0.05%	0.006%
93	14.525	4191	4194	4196	rBV4	1586	1069	0.11%	0.014%

Sum of corrected areas: 7617951

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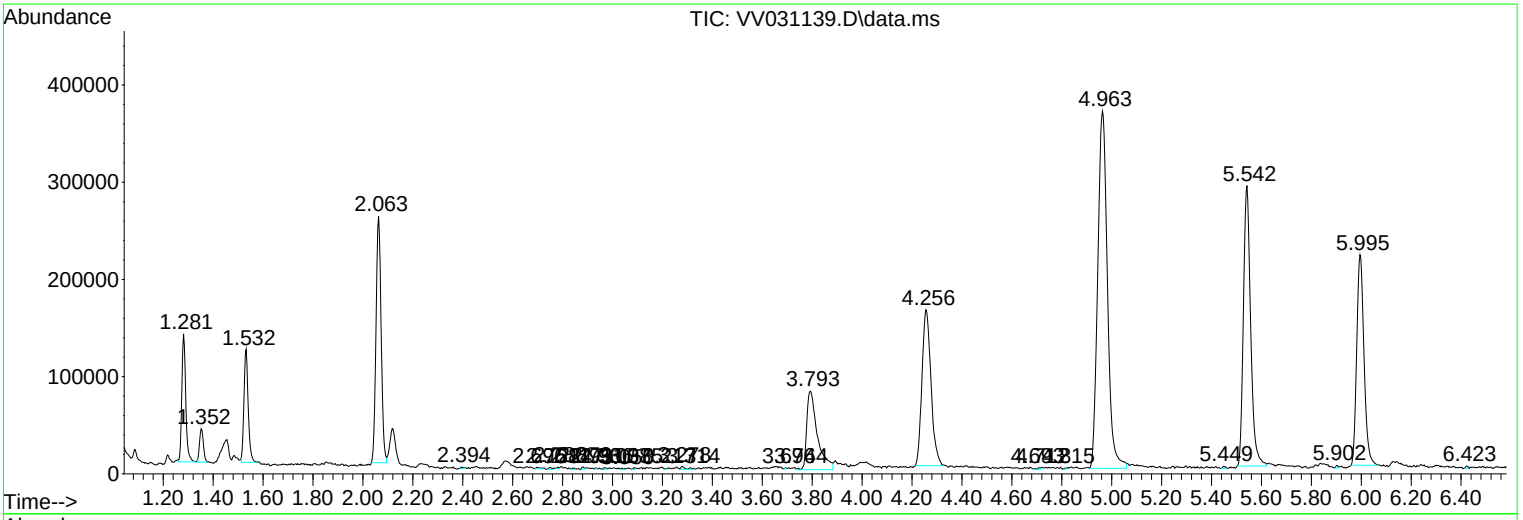
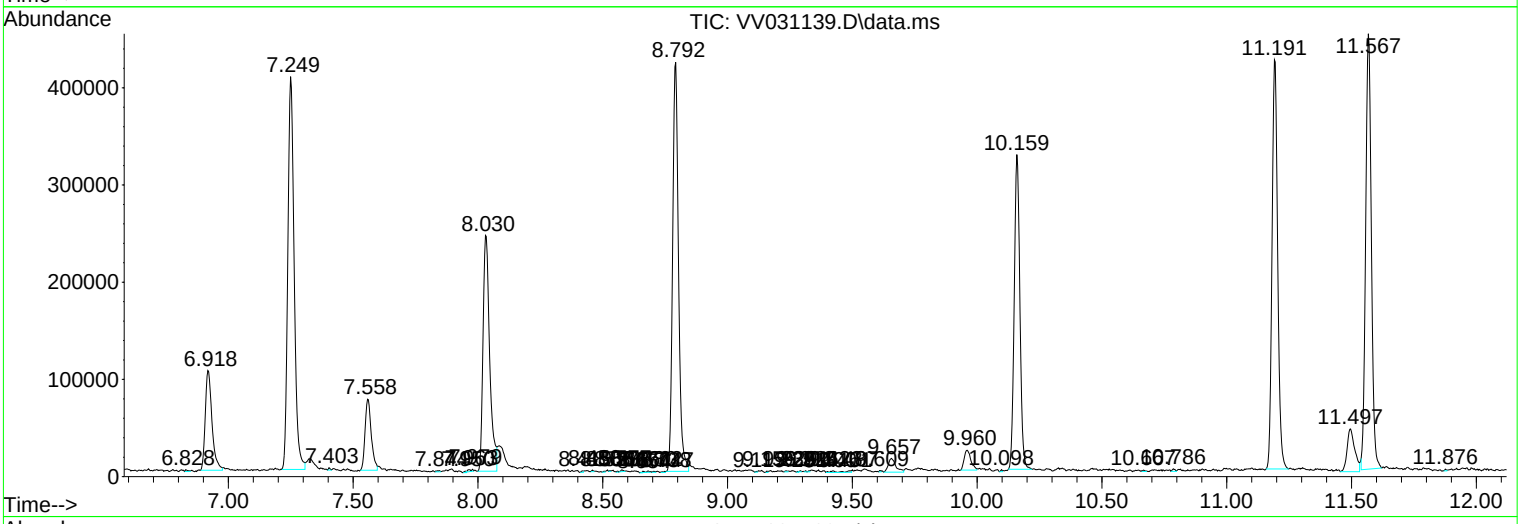
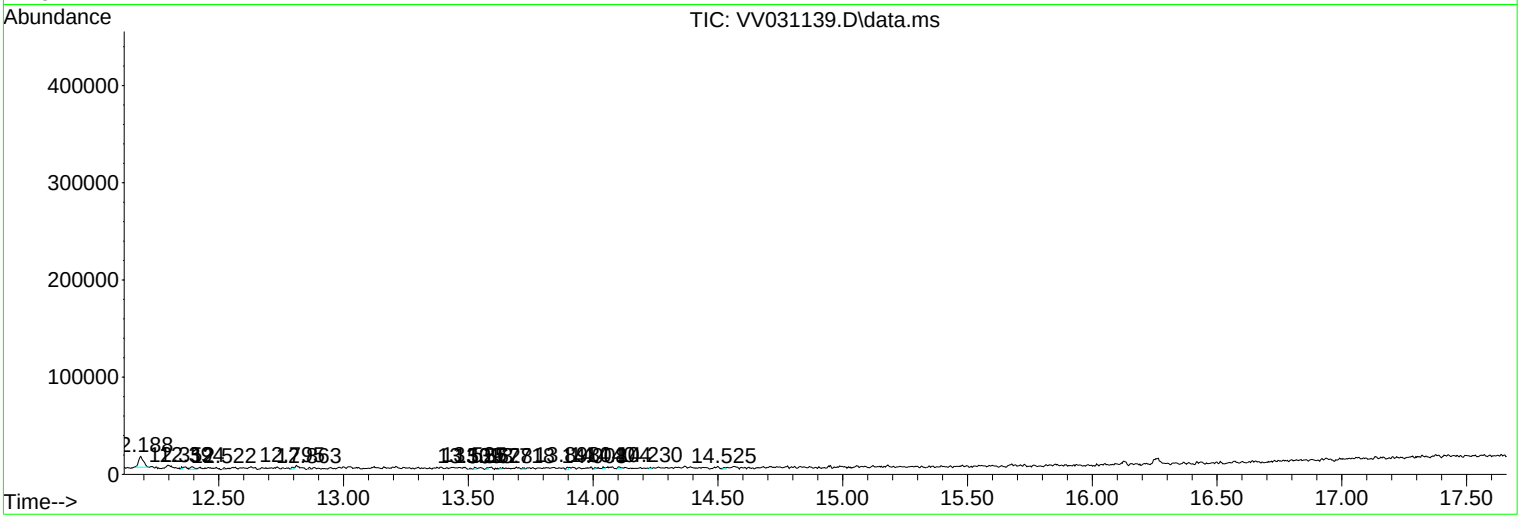
Instrument :
MSVOA_V
ClientSampleId :
GBX68

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis

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







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ClientSampleId :
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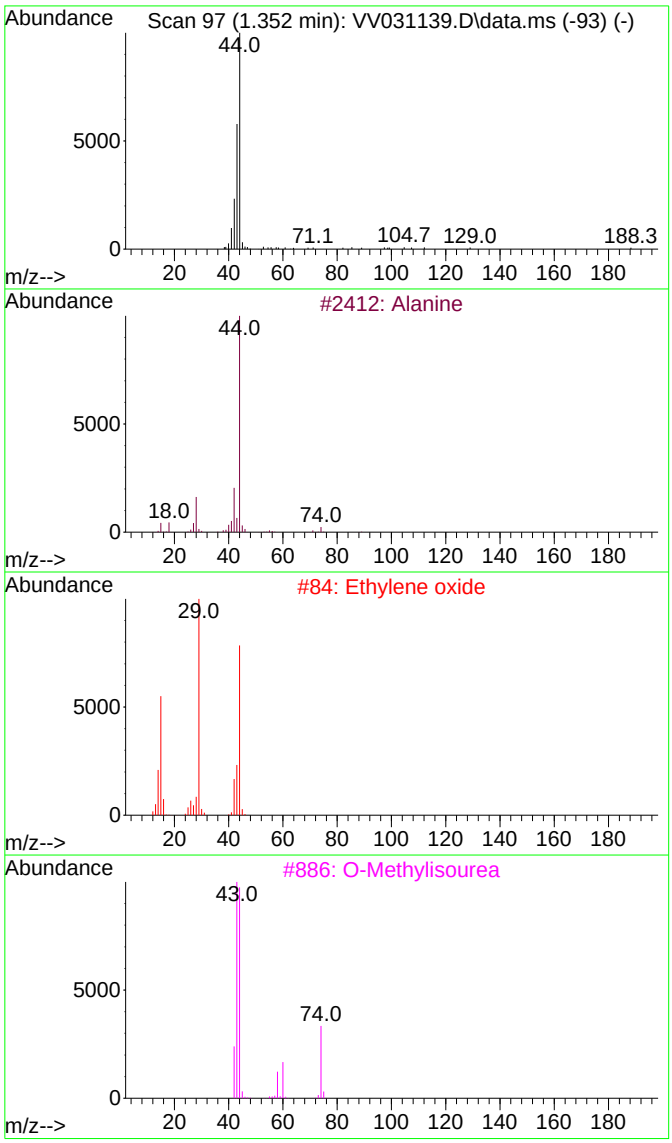
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis

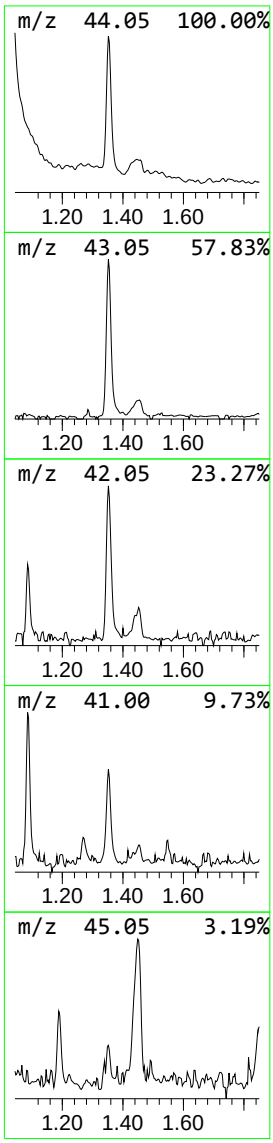
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.352	3.14 ug/L	36524	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alanine	89	C3H7NO2	000056-41-7	40
2	Ethylene oxide	44	C2H4O	000075-21-8	9
3	O-Methylisourea	74	C2H6N2O	002440-60-0	9
4	Ethylene oxide	44	C2H4O	000075-21-8	7
5	Acetaldehyde	44	C2H4O	000075-07-0	7





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ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX68

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis

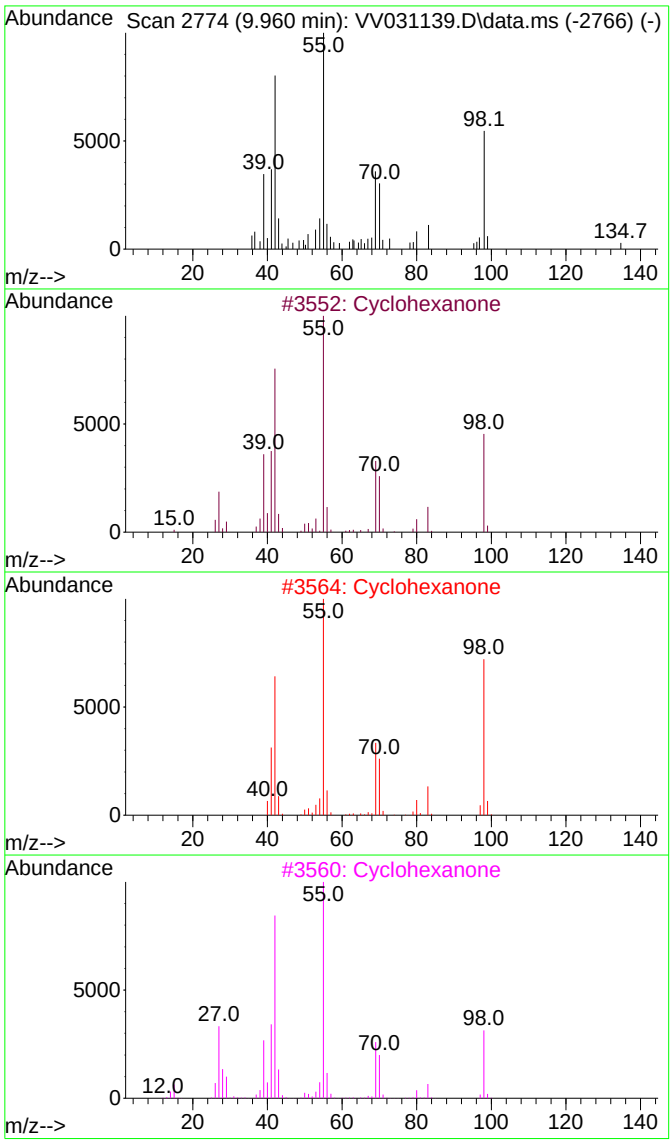
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

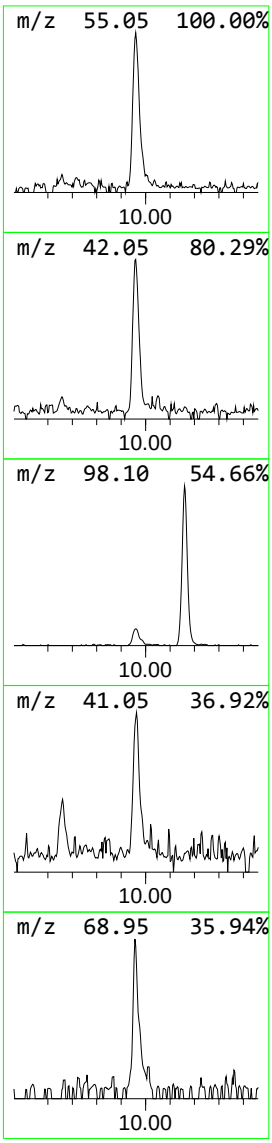
****

Peak Number 3 Cyclohexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.960	2.78 ug/L	38244	Chlorobenzene-d5	8.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	93
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	90
5	Cyclohexanone	98	C6H10O	000108-94-1	87





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MSVOA_V
ClientSampleId :
GBX68

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis

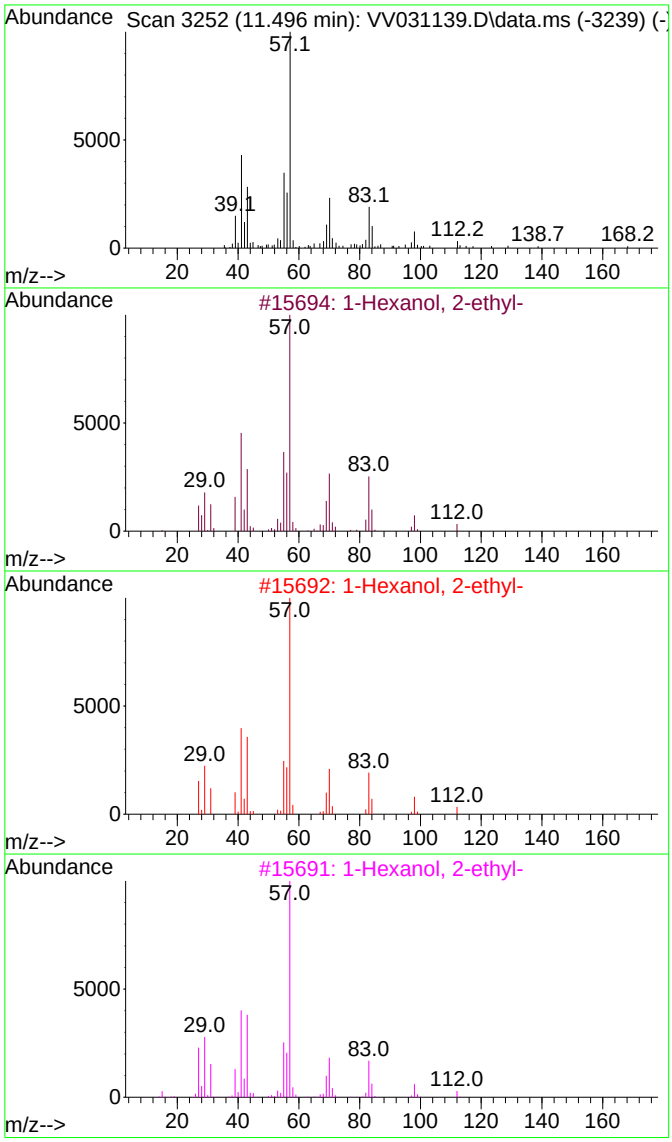
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

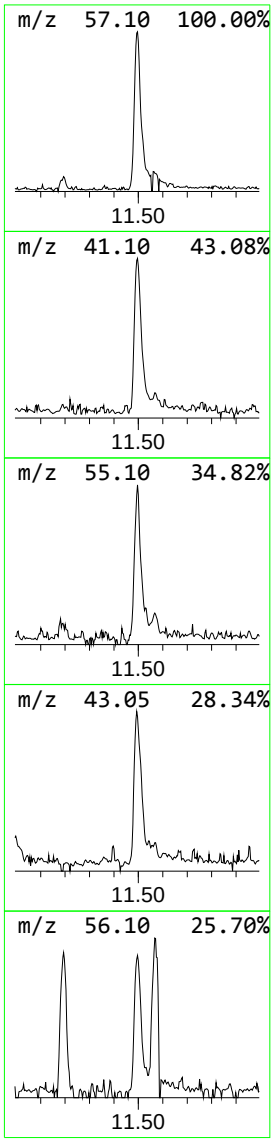
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.496	7.05 ug/L	92899	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.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	1.352	3.1	ug/L	36524	1	5.542	581901	50.0
Cyclohexanone	9.960	2.8	ug/L	38244	2	8.792	687312	50.0
1-Hexanol, 2-et...	11.496	7.0	ug/L	92899	3	11.194	658883	50.0