LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050224\
Data File : VV035520.D
Acq On : 02 May 2024 14:03
Operator : SY/MD
Sample : P2349-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E08R8

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\SFAMVLM050124WMA.M
Title : VOC Analysis

Signal : TIC: VV035520.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	88	rVB	243760	265412	6.07%	1.183%
2	1.349	91	96	106	rVB	31560	35180	0.81%	0.157%
3	1.529	145	152	167	rVB	223092	264508	6.05%	1.179%
4	1.892	247	265	305	rVV2	134631	668343	15.29%	2.979%
5	2.056	306	316	328	rVV	424093	613101	14.03%	2.732%
6	2.117	328	335	353	rVB	68883	121835	2.79%	0.543%
7	2.346	404	406	410	rBV3	623	505	0.01%	0.002%
8	2.445	433	437	450	rVB3	2382	3489	0.08%	0.016%
9	2.590	463	482	506	rBV4	4543	15429	0.35%	0.069%
10	2.728	523	525	530	rBV	378	273	0.01%	0.001%
11	2.895	569	577	579	rBV3	646	931	0.02%	0.004%
12	2.928	585	587	594	rVB3	200	201	0.00%	0.001%
13	3.133	647	651	655	rVB4	436	398	0.01%	0.002%
14	3.207	672	674	679	rVB2	516	352	0.01%	0.002%
15	3.239	679	684	687	rBV	311	293	0.01%	0.001%
16	3.259	687	690	700	rBV2	357	419	0.01%	0.002%
17	3.400	731	734	740	rBV2	243	280	0.01%	0.001%
18	3.458	746	752	756	rBV	279	351	0.01%	0.002%
19	3.596	791	795	798	rVB2	273	262	0.01%	0.001%
20	3.738	836	839	844	rBV3	283	231	0.01%	0.001%
21	3.802	848	859	872	rBV2	108550	324322	7.42%	1.445%
22	4.275	990	1006	1037	rBV	285952	732647	16.77%	3.265%
23	4.555	1091	1093	1097	rBV4	500	270	0.01%	0.001%
24	4.738	1146	1150	1153	rBV3	568	461	0.01%	0.002%
25	4.837	1177	1181	1183	rBV	290	265	0.01%	0.001%
26	4.953	1197	1217	1251	rBV2	684123	1801980	41.24%	8.031%
27	5.355	1339	1342	1347	rBV4	429	342	0.01%	0.002%
28	5.407	1356	1358	1361	rVB2	745	405	0.01%	0.002%
29	5.429	1361	1365	1370	rBV4	491	409	0.01%	0.002%
30	5.490	1379	1384	1386	rBV4	718	708	0.02%	0.003%
31	5.532	1386	1397	1438	rBV	517974	1086704	24.87%	4.843%
32	5.764	1467	1469	1471	rBV2	362	202	0.00%	0.001%
33	5.825	1474	1488	1526	rVV3	314195	755929	17.30%	3.369%
34	5.985	1526	1538	1577	rVV	389511	810765	18.55%	3.613%
35	6.278	1625	1629	1631	rBV4	462	299	0.01%	0.001%
36	6.300	1634	1636	1638	rVV2	569	289	0.01%	0.001%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E08R8

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\SFAMVLM050124WMA.M
Title : VOC Analysis

37	6.317	1640	1641	1647	rVB4	561	423	0.01%	0.002%
38	6.345	1647	1650	1654	rBV2	427	422	0.01%	0.002%
39	6.493	1690	1696	1699	rBV4	638	788	0.02%	0.004%
40	6.574	1719	1721	1724	rVB2	550	319	0.01%	0.001%
41	6.593	1724	1727	1729	rBV2	770	497	0.01%	0.002%
42	6.632	1736	1739	1744	rVB4	487	405	0.01%	0.002%
43	6.722	1765	1767	1776	rVV6	460	431	0.01%	0.002%
44	6.767	1778	1781	1783	rVB2	497	291	0.01%	0.001%
45	6.808	1791	1794	1798	rVB2	305	207	0.00%	0.001%
46	6.831	1798	1801	1804	rVB3	361	252	0.01%	0.001%
47	6.911	1815	1826	1859	rBV	189744	375570	8.59%	1.674%
48	7.156	1890	1902	1918	rBV	832944	1436183	32.87%	6.400%
49	7.239	1918	1928	1947	rVB	846561	1498451	34.29%	6.678%
50	7.551	2016	2025	2037	rBV	143990	250437	5.73%	1.116%
51	7.622	2037	2047	2108	rVB	2473202	4369741	100.00%	19.474%
52	7.905	2126	2135	2157	rVB	83901	147247	3.37%	0.656%
53	8.030	2164	2174	2213	rBV4	374683	875675	20.04%	3.903%
54	8.603	2350	2352	2356	rBV2	527	384	0.01%	0.002%
55	8.712	2383	2386	2390	rBV5	638	557	0.01%	0.002%
56	8.783	2394	2408	2434	rBV	822292	1357693	31.07%	6.051%
57	9.078	2492	2500	2517	rVB	13749	25304	0.58%	0.113%
58	9.265	2555	2558	2562	rVB4	967	809	0.02%	0.004%
59	9.442	2611	2613	2615	rBV3	397	210	0.00%	0.001%
60	9.487	2618	2627	2636	rBV	8794	15299	0.35%	0.068%
61	9.570	2651	2653	2656	rVB4	963	480	0.01%	0.002%
62	9.651	2670	2678	2700	rBV2	25203	52600	1.20%	0.234%
63	9.866	2742	2745	2752	rBV5	763	827	0.02%	0.004%
64	10.040	2798	2799	2804	rVB4	562	229	0.01%	0.001%
65	10.075	2807	2810	2814	rBV3	522	364	0.01%	0.002%
66	10.120	2820	2824	2825	rBV2	599	407	0.01%	0.002%
67	10.156	2830	2835	2836	rBV2	1966	1532	0.04%	0.007%
68	10.246	2861	2863	2869	rVB5	470	423	0.01%	0.002%
69	10.320	2869	2886	2894	rBV6	3635	9735	0.22%	0.043%
70	10.390	2899	2908	2924	rVV	13851	29406	0.67%	0.131%
71	10.477	2925	2935	2948	rVV	9133	17405	0.40%	0.078%
72	10.541	2952	2955	2959	rVB2	410	254	0.01%	0.001%
73	10.651	2986	2989	2990	rBV3	548	342	0.01%	0.002%
74	10.676	2990	2997	3011	rVB	8321	13878	0.32%	0.062%
75	10.853	3042	3052	3063	rBV	35929	56806	1.30%	0.253%
76	10.998	3092	3097	3101	rBV3	2202	2850	0.07%	0.013%

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Instrument :
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ClientSampleId :
E08R8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Title : VOC Analysis

77	11.123	3133	3136	3138	rBV5	763	554	0.01%	0.002%
78	11.181	3143	3154	3176	rBV	811796	1272608	29.12%	5.671%
79	11.275	3176	3183	3197	rVB	14732	25741	0.59%	0.115%
80	11.429	3226	3231	3233	rBV3	534	473	0.01%	0.002%
81	11.471	3233	3244	3261	rBV	820682	1498577	34.29%	6.679%
82	11.557	3262	3271	3302	rVB	930057	1516062	34.69%	6.756%
83	12.525	3563	3572	3588	rBV3	23489	45143	1.03%	0.201%
84	12.895	3684	3687	3690	rBV4	881	722	0.02%	0.003%
85	12.940	3699	3701	3704	rBV3	537	348	0.01%	0.002%
86	12.979	3709	3713	3715	rBV3	1078	1044	0.02%	0.005%
87	13.030	3725	3729	3736	rBV6	934	1064	0.02%	0.005%
88	13.123	3757	3758	3760	rBV2	475	205	0.00%	0.001%
89	13.278	3799	3806	3816	rBV7	3844	6918	0.16%	0.031%
90	13.445	3852	3858	3868	rBV2	8176	12234	0.28%	0.055%
91	13.496	3872	3874	3878	rBV5	665	446	0.01%	0.002%
92	13.734	3944	3948	3950	rBV3	792	583	0.01%	0.003%
93	13.789	3961	3965	3968	rBV4	533	504	0.01%	0.002%
94	13.879	3989	3993	3994	rBV3	590	444	0.01%	0.002%
95	13.966	4018	4020	4024	rBV4	375	240	0.01%	0.001%
96	13.985	4024	4026	4029	rBV2	568	453	0.01%	0.002%
97	14.030	4037	4040	4041	rBV2	814	346	0.01%	0.002%
98	14.139	4071	4074	4076	rBV2	473	342	0.01%	0.002%
99	14.297	4119	4123	4126	rBV3	482	540	0.01%	0.002%
100	14.554	4200	4203	4204	rBV	627	293	0.01%	0.001%

Sum of corrected areas: 22438807

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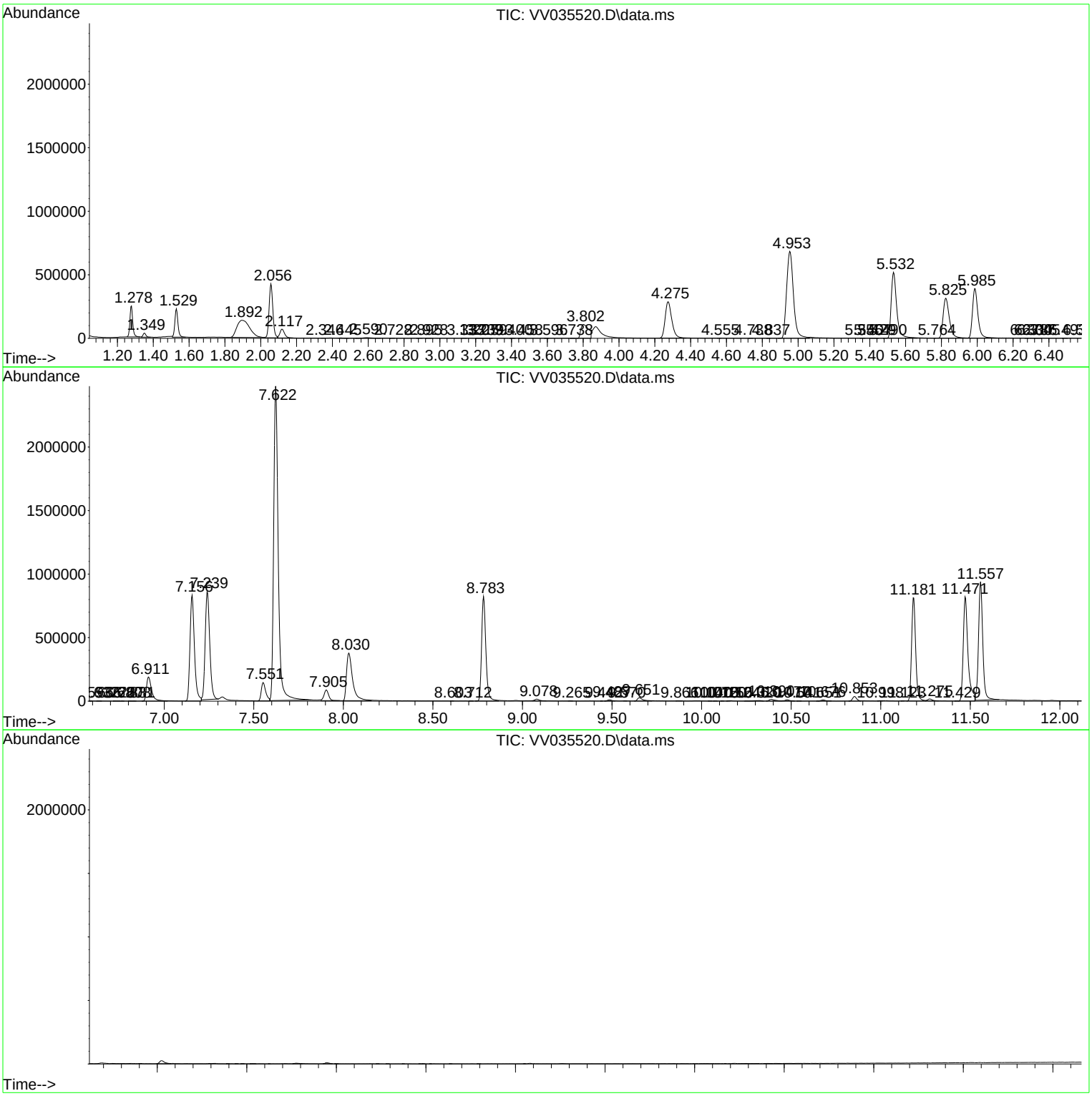
Instrument :
MSVOA_V
ClientSampleId :
E08R8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

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



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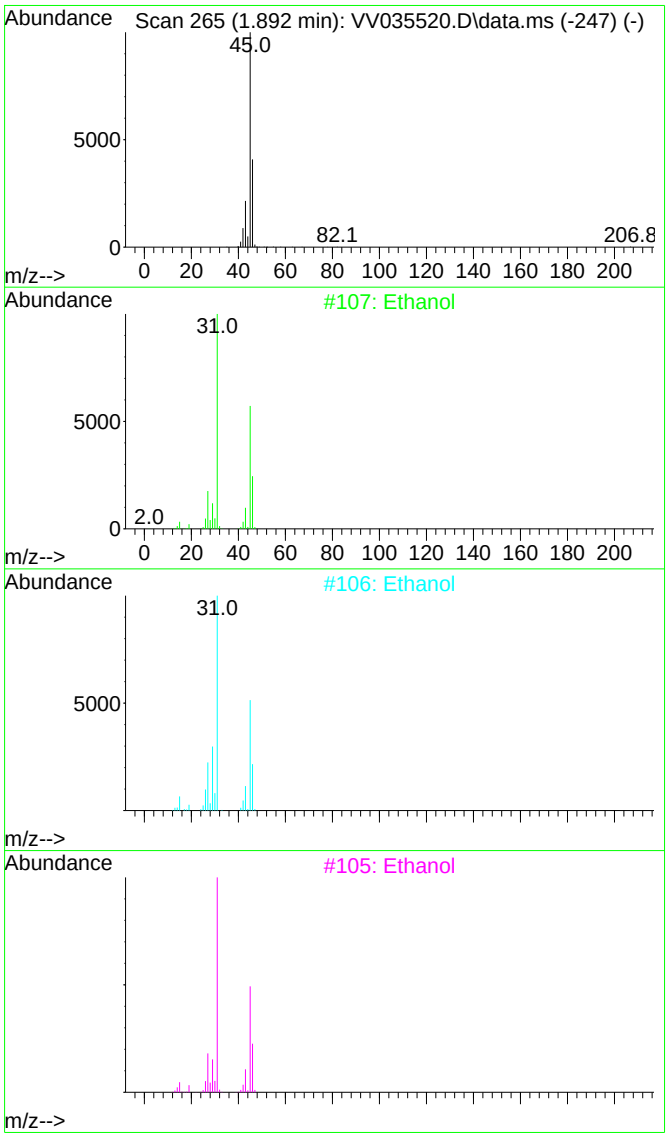
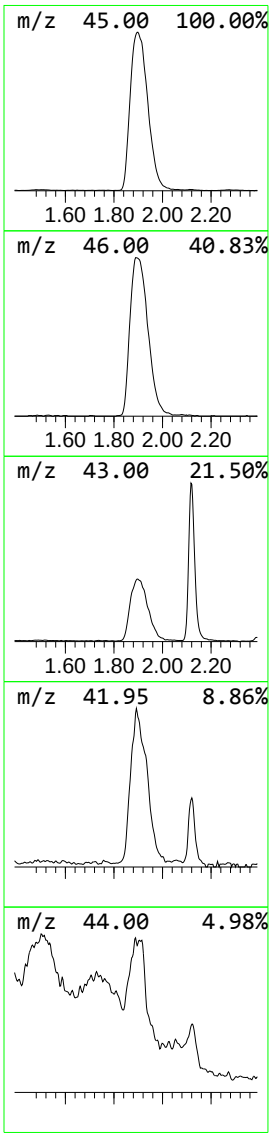
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.892	30.75 ug/L	668343	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	56
3	Ethanol	46	C2H6O	000064-17-5	43
4	Ethanol	46	C2H6O	000064-17-5	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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Instrument :
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ClientSampleId :
E08R8

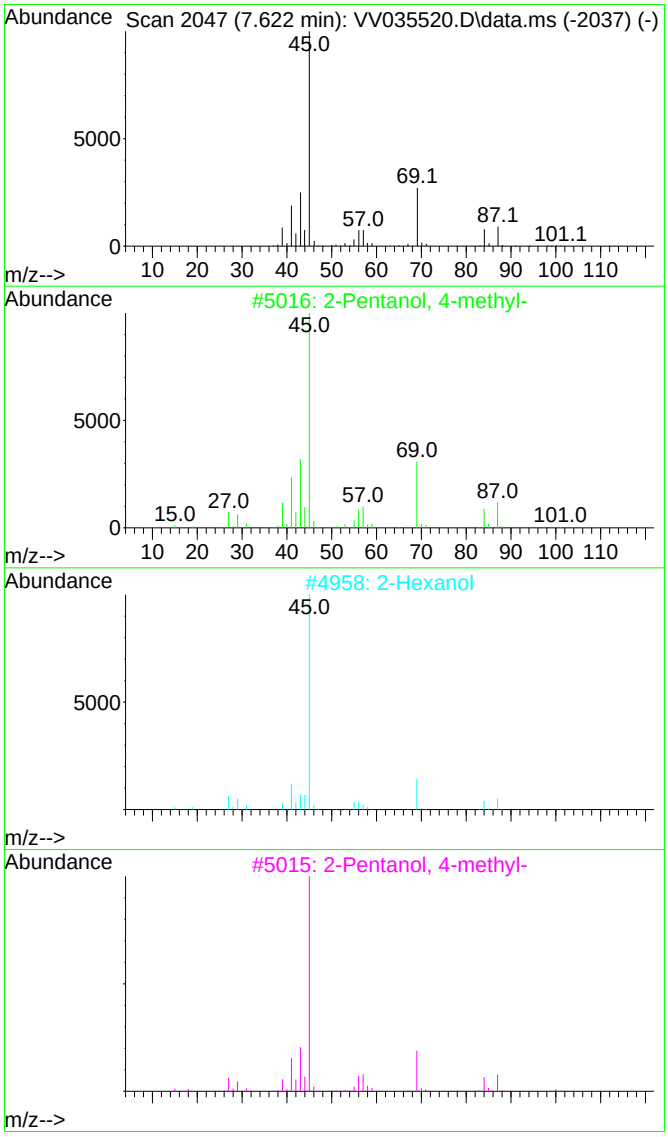
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

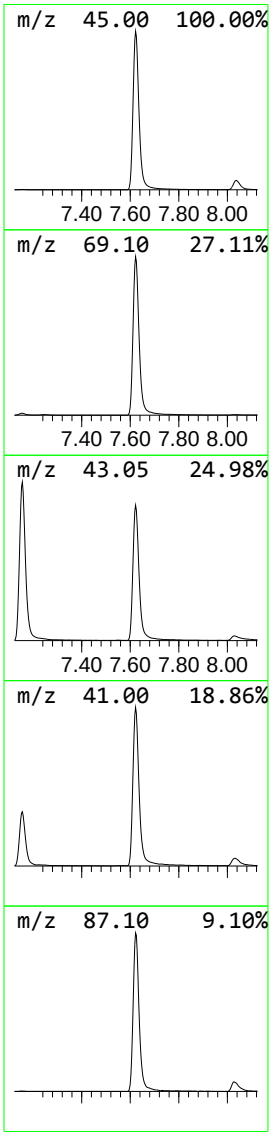
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.622	160.93 ug/L	4369740	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	90
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
5	2-Heptanol	116	C7H16O	000543-49-7	64





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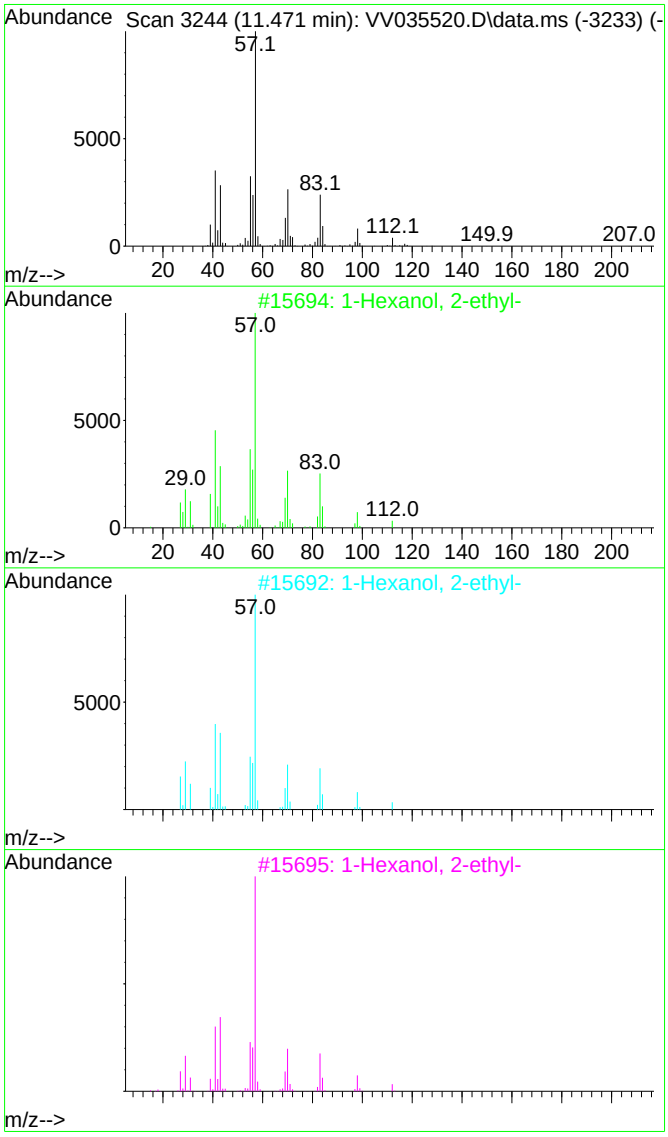
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

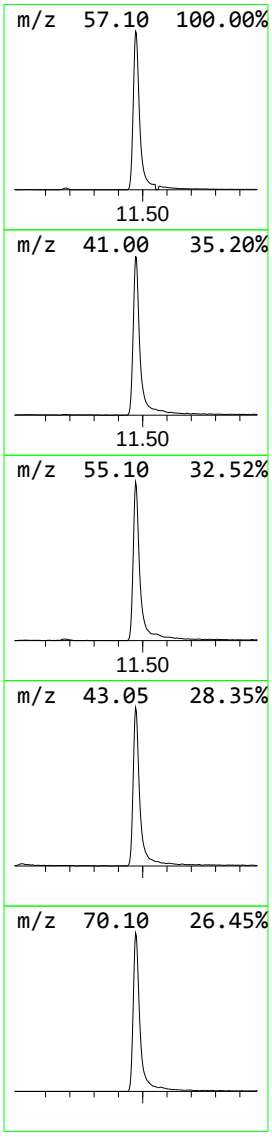
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	58.88 ug/L	1498580	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.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
Ethanol	1.892	30.8	ug/L	668343	1	5.532	1086700	50.0
2-Pentanol, 4-m...	7.622	160.9	ug/L	4369740	2	8.783	1357690	50.0
1-Hexanol, 2-et...	11.471	58.9	ug/L	1498580	3	11.185	1272610	50.0