LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
Data File : VV010829.D
Acq On : 10 May 2019 23:28
Operator : SY/MD
Sample : K2692-15
Misc : 5.62G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5178

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\SOM2VLM050719S.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	1.309	62	68	76	rVB	46691	45715	12.57%	1.655%
2	1.380	84	90	103	rVB	28555	30109	8.28%	1.090%
3	1.557	139	145	153	rVB	39500	46705	12.84%	1.691%
4	1.897	242	251	268	rBV	76772	109651	30.15%	3.969%
5	2.113	308	318	331	rVB	81134	117459	32.30%	4.252%
6	2.180	333	339	350	rVB	9418	13837	3.80%	0.501%
7	2.245	357	359	365	rBV2	250	241	0.07%	0.009%
8	2.306	370	378	400	rVB2	7047	12719	3.50%	0.460%
9	2.450	416	423	424	rBV2	1268	1184	0.33%	0.043%
10	2.528	438	447	454	rVB4	2401	4061	1.12%	0.147%
11	2.560	454	457	458	rBV	306	209	0.06%	0.008%
12	2.775	521	524	531	rBV2	256	154	0.04%	0.006%
13	2.872	549	554	558	rBV2	319	371	0.10%	0.013%
14	2.958	578	581	584	rBV2	183	148	0.04%	0.005%
15	3.065	610	614	616	rBV3	788	750	0.21%	0.027%
16	3.135	632	636	641	rVB2	187	177	0.05%	0.006%
17	3.212	657	660	667	rVB4	329	272	0.07%	0.010%
18	3.245	667	670	672	rVB2	289	178	0.05%	0.006%
19	3.274	675	679	682	rBV	328	284	0.08%	0.010%
20	3.328	694	696	700	rBB2	222	145	0.04%	0.005%
21	3.357	700	705	713	rBV2	275	499	0.14%	0.018%
22	3.438	727	730	735	rVB2	312	251	0.07%	0.009%
23	3.550	753	765	768	rBV2	361	602	0.17%	0.022%
24	3.704	809	813	820	rBV2	264	330	0.09%	0.012%
25	3.746	820	826	827	rBV2	350	342	0.09%	0.012%
26	3.833	851	853	855	rBV2	312	205	0.06%	0.007%
27	3.923	870	881	904	rBV	17280	44102	12.13%	1.596%
28	4.093	931	934	935	rBV	375	193	0.05%	0.007%
29	4.122	940	943	946	rVB2	652	376	0.10%	0.014%
30	4.148	947	951	957	rBV2	365	502	0.14%	0.018%
31	4.222	971	974	977	rVB2	413	256	0.07%	0.009%
32	4.257	978	985	988	rBV2	317	503	0.14%	0.018%
33	4.274	988	990	993	rVB2	262	148	0.04%	0.005%
34	4.319	1001	1004	1007	rVB2	261	176	0.05%	0.006%

LSC Area Percent Report

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Acq On : 10 May 2019 23:28
Operator : SY/MD
Sample : K2692-15
Misc : 5.62G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5178

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\SOM2VLM050719S.M
Title : VOC Analysis

35	4.389	1007	1026	1045	rBV2	63799	155018	42.62%	5.611%
36	4.505	1058	1062	1066	rVB	454	343	0.09%	0.012%
37	4.534	1067	1071	1073	rBV	315	181	0.05%	0.007%
38	4.550	1073	1076	1079	rVV2	245	198	0.05%	0.007%
39	4.749	1135	1138	1142	rBV2	248	226	0.06%	0.008%
40	5.000	1212	1216	1221	rBV	224	223	0.06%	0.008%
41	5.087	1226	1243	1271	rBV2	141817	363702	100.00%	13.166%
42	5.370	1323	1331	1333	rBV4	906	1022	0.28%	0.037%
43	5.479	1362	1365	1368	rBV2	177	143	0.04%	0.005%
44	5.656	1407	1420	1439	rBV	115041	228622	62.86%	8.276%
45	5.945	1502	1510	1517	rVB3	1328	2130	0.59%	0.077%
46	6.113	1548	1562	1580	rBV	89009	178722	49.14%	6.470%
47	6.251	1601	1605	1608	rVB2	357	266	0.07%	0.010%
48	6.283	1610	1615	1620	rBB	309	300	0.08%	0.011%
49	6.331	1621	1630	1639	rBV4	2191	3865	1.06%	0.140%
50	6.489	1674	1679	1683	rBV	169	242	0.07%	0.009%
51	6.650	1726	1729	1732	rVV2	318	196	0.05%	0.007%
52	6.691	1738	1742	1746	rBV	482	384	0.11%	0.014%
53	6.891	1800	1804	1807	rVV	244	198	0.05%	0.007%
54	7.026	1834	1846	1862	rBV2	44868	79936	21.98%	2.894%
55	7.167	1887	1890	1891	rBV	643	336	0.09%	0.012%
56	7.357	1936	1949	1965	rBV	148825	257993	70.94%	9.339%
57	7.592	2020	2022	2024	rBV	372	184	0.05%	0.007%
58	7.659	2033	2043	2062	rVB	30621	51063	14.04%	1.848%
59	7.749	2067	2071	2074	rVB3	356	200	0.05%	0.007%
60	7.823	2090	2094	2100	rBV	338	469	0.13%	0.017%
61	7.865	2104	2107	2110	rBV	242	169	0.05%	0.006%
62	7.939	2127	2130	2134	rBV2	197	190	0.05%	0.007%
63	8.129	2176	2189	2217	rBV	66217	120325	33.08%	4.356%
64	8.280	2227	2236	2253	rVB3	18969	31691	8.71%	1.147%
65	8.518	2308	2310	2313	rBV	220	193	0.05%	0.007%
66	8.550	2316	2320	2325	rBV2	236	262	0.07%	0.009%
67	8.830	2404	2407	2413	rBV	185	252	0.07%	0.009%
68	8.894	2414	2427	2462	rVV	170658	287933	79.17%	10.423%
69	9.045	2472	2474	2476	rBV	253	161	0.04%	0.006%
70	9.177	2509	2515	2516	rBV	864	687	0.19%	0.025%
71	9.627	2650	2655	2660	rBV2	263	356	0.10%	0.013%

LSC Area Percent Report

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Operator : SY/MD
Sample : K2692-15
Misc : 5.62G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5178

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\SOM2VLM050719S.M
Title : VOC Analysis

72	9.669	2666	2668	2670	rBV2	264	193	0.05%	0.007%
73	9.849	2721	2724	2733	rBV4	945	1176	0.32%	0.043%
74	10.080	2794	2796	2801	rVB2	242	171	0.05%	0.006%
75	10.206	2830	2835	2837	rVB2	317	297	0.08%	0.011%
76	10.260	2837	2852	2868	rBV	90924	141222	38.83%	5.112%
77	10.370	2881	2886	2888	rBV2	194	209	0.06%	0.008%
78	10.418	2893	2901	2913	rBV4	5270	9091	2.50%	0.329%
79	10.492	2921	2924	2928	rVB	181	176	0.05%	0.006%
80	10.624	2963	2965	2971	rVB4	801	646	0.18%	0.023%
81	10.797	3015	3019	3023	rBV2	208	237	0.07%	0.009%
82	10.846	3031	3034	3036	rBV	388	255	0.07%	0.009%
83	10.875	3041	3043	3046	rVB2	305	150	0.04%	0.005%
84	11.193	3140	3142	3143	rBV	433	182	0.05%	0.007%
85	11.296	3163	3174	3192	rVB	125084	199876	54.96%	7.235%
86	11.502	3235	3238	3241	rBV2	194	166	0.05%	0.006%
87	11.672	3280	3291	3304	rBV	123552	197702	54.36%	7.157%
88	11.765	3317	3320	3325	rBV	151	147	0.04%	0.005%
89	12.016	3394	3398	3400	rBV2	280	264	0.07%	0.010%
90	12.209	3453	3458	3460	rBV2	379	392	0.11%	0.014%
91	12.299	3475	3486	3493	rVB2	2300	3655	1.00%	0.132%
92	12.338	3493	3498	3503	rBV	259	349	0.10%	0.013%
93	12.466	3533	3538	3539	rBV	179	176	0.05%	0.006%
94	12.537	3557	3560	3562	rBV	189	163	0.04%	0.006%
95	12.563	3565	3568	3572	rBV2	238	260	0.07%	0.009%
96	12.717	3610	3616	3627	rVB4	2339	3129	0.86%	0.113%
97	12.813	3641	3646	3650	rBV2	219	282	0.08%	0.010%
98	13.768	3939	3943	3946	rBV2	238	245	0.07%	0.009%
99	15.553	4496	4498	4503	rBV2	311	275	0.08%	0.010%
100	15.903	4605	4607	4610	rBV	354	190	0.05%	0.007%

Sum of corrected areas: 2762511

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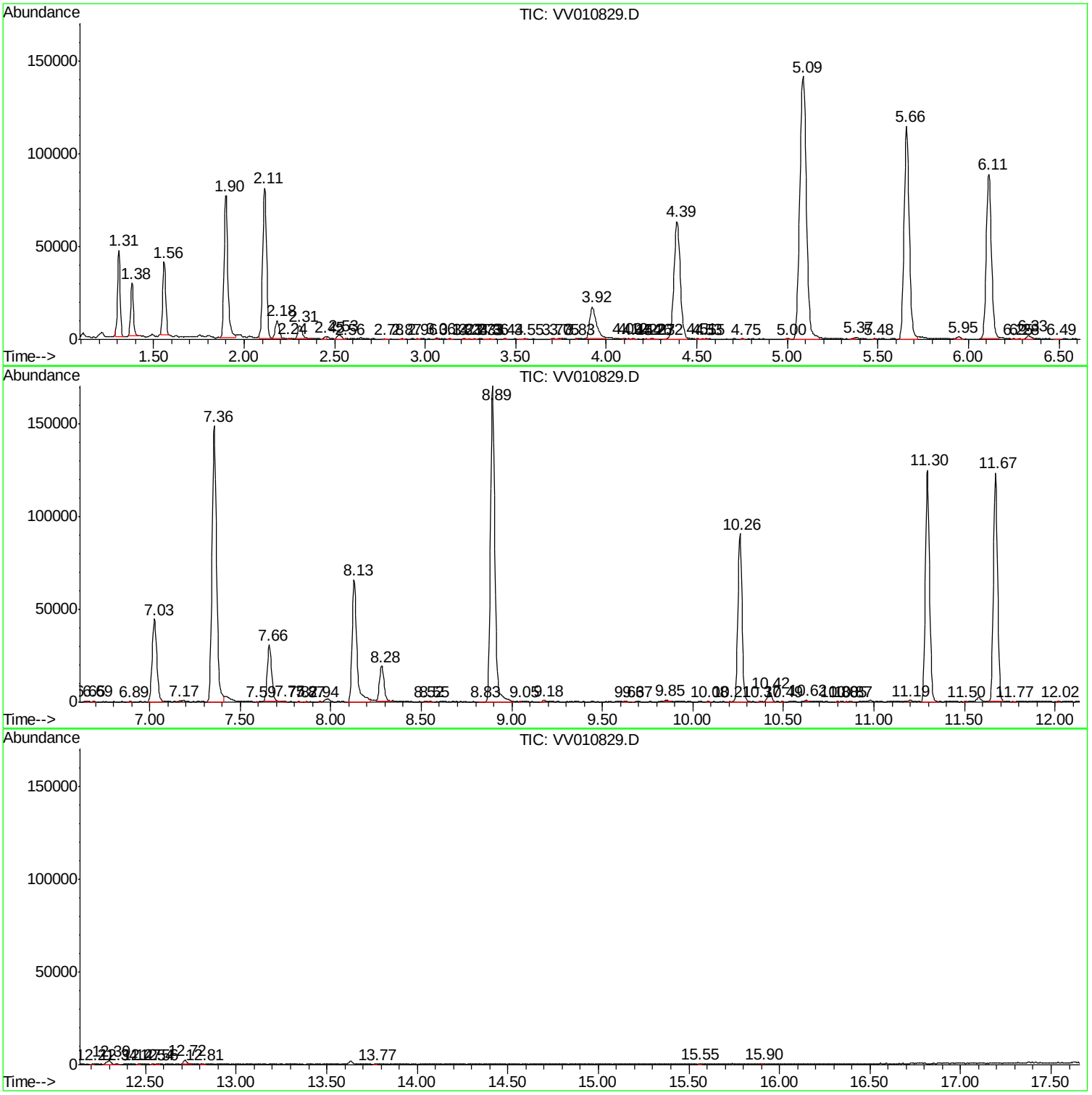
Instrument : MSVOA_V
ClientSampleId : A5178

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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\VV050919\
Data File : VV010829.D
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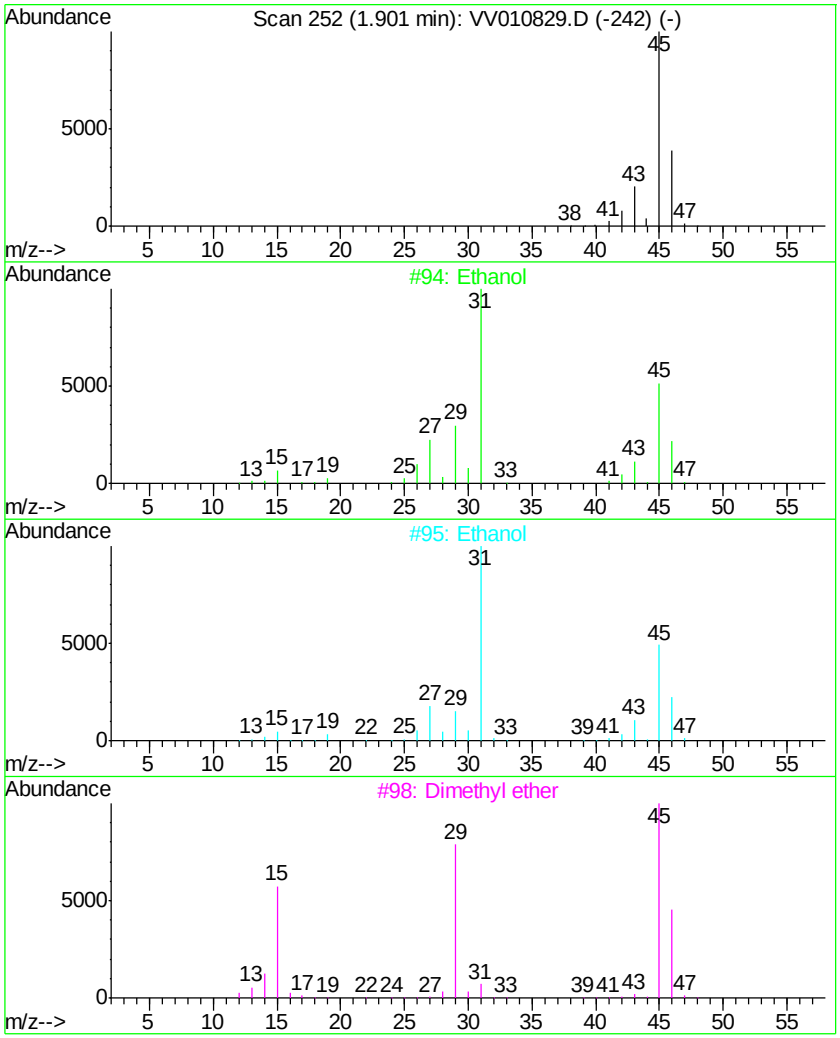
TIC Integration Parameters: LSCINT.P

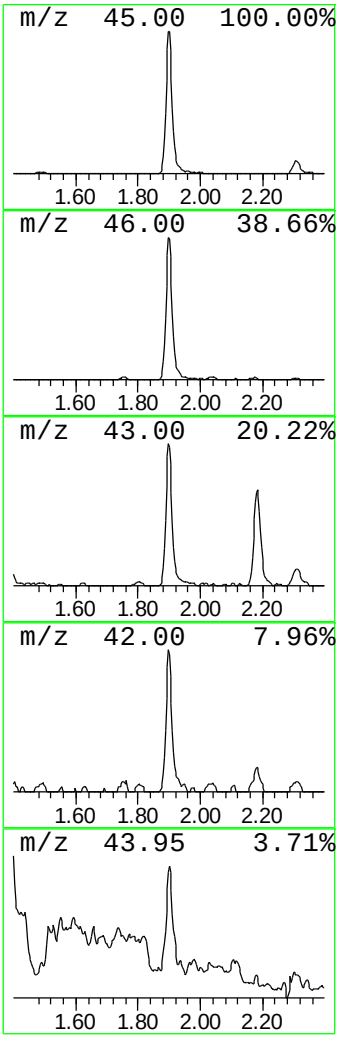
****

Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	11.99 ug/L	109651	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Ethanol	46	C2H6O	000064-17-5	64
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	Methane, nitroso-	45	CH3NO	000865-40-7	4





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5178

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

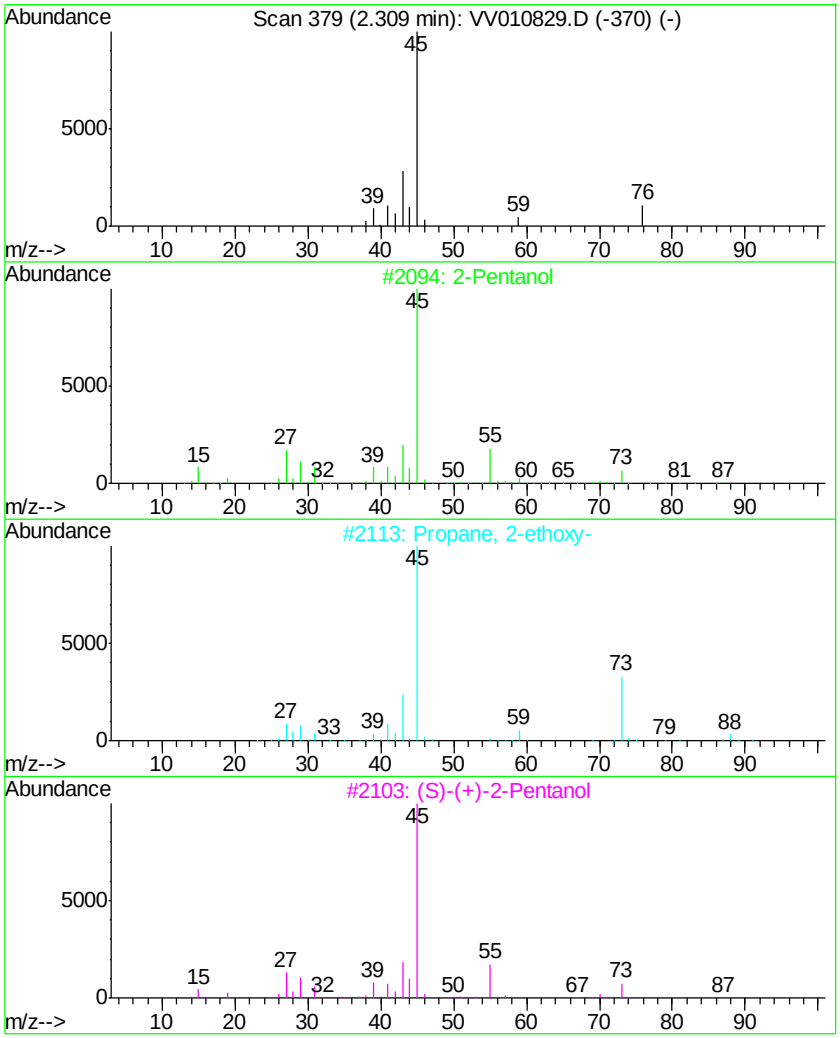
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

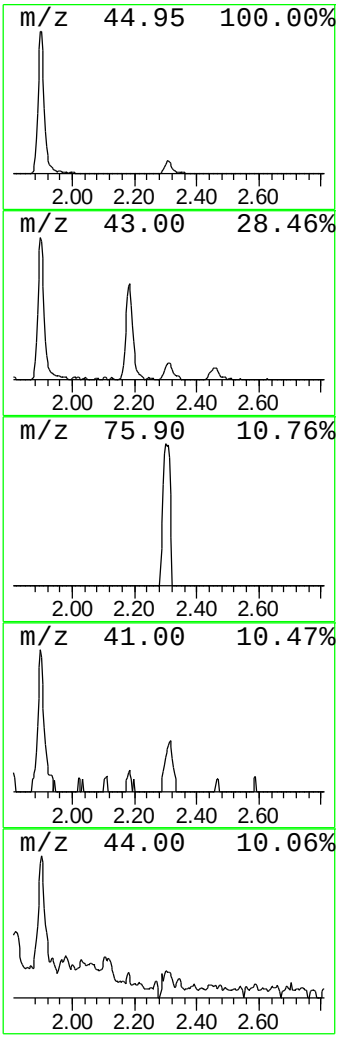
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	1.39 ug/L	12719	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol	88	C5H12O	006032-29-7	43
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	39
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	9





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Quant Title : VOC Analysis

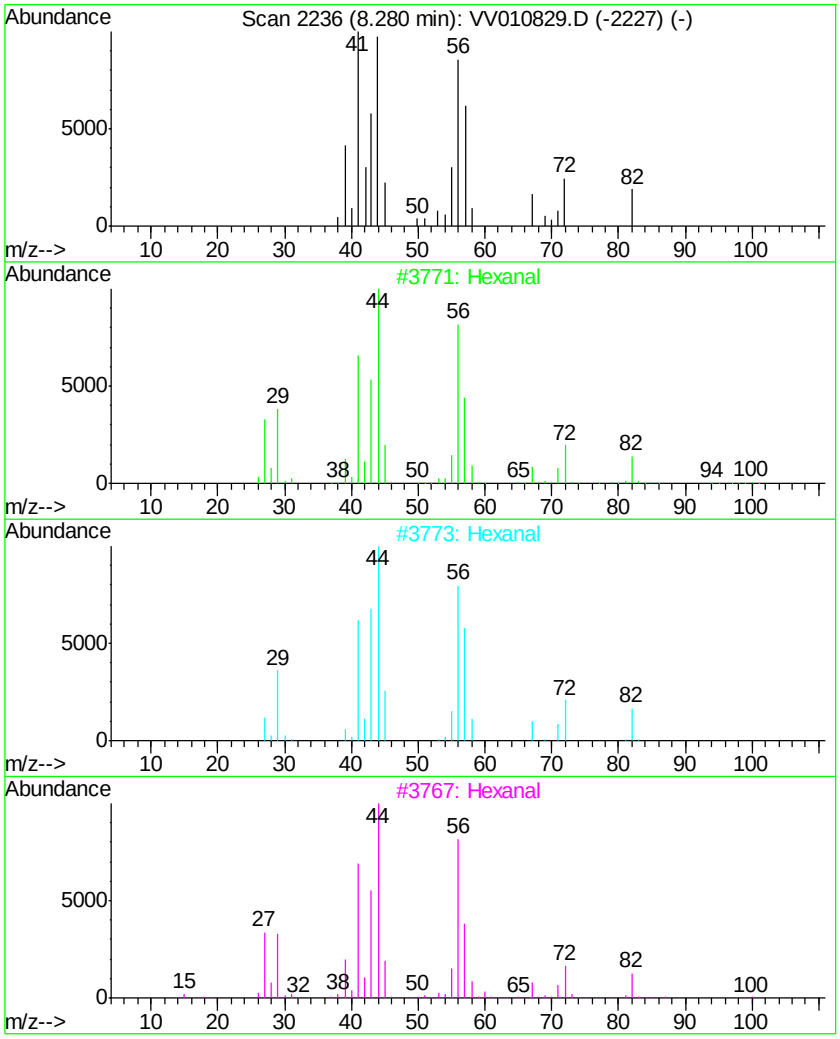
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

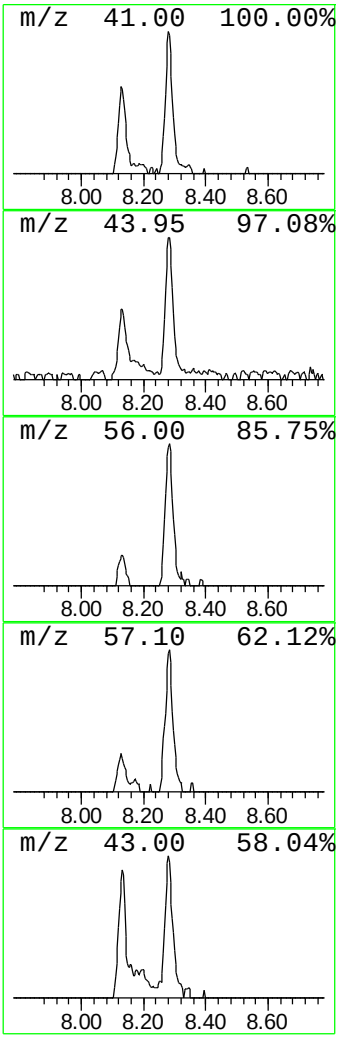
****

Peak Number 5 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	2.75 ug/L	31691	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	42
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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
Ethanol	1.90	12.0	ug/L	109651	1	5.66	228622	25.0
unknown-01	2.31	1.4	ug/L	12719	1	5.66	228622	25.0
Hexanal	8.28	2.8	ug/L	31691	2	8.89	287933	25.0