LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
Data File : VU035626.D
Acq On : 05 Nov 2019 13:28
Operator : JC/SP
Sample : K5631-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE883

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_U\METHOD\SOMULM103119WMA.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	1.372	5	10	17	rBV2	23682	24402	1.06%	0.123%
2	1.617	79	86	98	rVB	286420	313337	13.64%	1.574%
3	1.703	107	113	126	rVB	100250	118805	5.17%	0.597%
4	1.935	177	185	205	rVB	243469	323894	14.10%	1.627%
5	2.597	379	391	406	rBV2	451575	770663	33.54%	3.872%
6	2.671	409	414	426	rVB	15572	24158	1.05%	0.121%
7	2.809	445	457	483	rBV	90331	184591	8.03%	0.927%
8	3.047	528	531	534	rBV2	724	458	0.02%	0.002%
9	3.176	569	571	575	rBV2	600	422	0.02%	0.002%
10	3.234	575	589	604	rVB	15359	36213	1.58%	0.182%
11	3.311	611	613	616	rVB4	666	320	0.01%	0.002%
12	3.395	635	639	640	rBV4	1208	915	0.04%	0.005%
13	3.636	702	714	728	rBV4	3097	7058	0.31%	0.035%
14	3.700	731	734	739	rBV5	579	538	0.02%	0.003%
15	3.735	739	745	747	rBV4	1498	1473	0.06%	0.007%
16	3.806	763	767	771	rBV3	488	588	0.03%	0.003%
17	3.919	798	802	803	rBV2	1571	1260	0.05%	0.006%
18	4.025	830	835	841	rBV5	425	556	0.02%	0.003%
19	4.057	841	845	846	rBV3	527	293	0.01%	0.001%
20	4.131	863	868	870	rBV2	431	371	0.02%	0.002%
21	4.240	899	902	906	rBV2	357	343	0.01%	0.002%
22	4.324	927	928	932	rVB	459	275	0.01%	0.001%
23	4.514	971	987	1003	rBV3	11460	28230	1.23%	0.142%
24	4.694	1028	1043	1066	rBV	206162	569145	24.77%	2.859%
25	5.115	1158	1174	1204	rBV	405671	891560	38.80%	4.479%
26	5.366	1238	1252	1264	rVB5	7829	18635	0.81%	0.094%
27	5.423	1264	1270	1279	rVB5	2203	2827	0.12%	0.014%
28	5.568	1312	1315	1320	rBV4	447	405	0.02%	0.002%
29	5.626	1328	1333	1334	rBV	416	294	0.01%	0.001%
30	5.639	1334	1337	1340	rVB2	716	422	0.02%	0.002%
31	5.658	1340	1343	1345	rBV3	596	492	0.02%	0.002%
32	5.774	1356	1379	1412	rBV2	860578	2297556	100.00%	11.542%
33	6.295	1527	1541	1591	rVB	787788	1602183	69.73%	8.049%
34	6.584	1617	1631	1657	rBV	438496	838049	36.48%	4.210%

LSC Area Percent Report

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Sample : K5631-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE883

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_U\METHOD\SOMULM103119WMA.M
Title : VOC Analysis

35	6.735	1664	1678	1704	rBV	517235	1023341	44.54%	5.141%
36	6.928	1731	1738	1749	rVB3	11545	19257	0.84%	0.097%
37	7.066	1780	1781	1785	rVB3	599	345	0.02%	0.002%
38	7.263	1839	1842	1846	rVB3	770	473	0.02%	0.002%
39	7.324	1859	1861	1864	rBV2	547	329	0.01%	0.002%
40	7.446	1894	1899	1900	rBV3	586	482	0.02%	0.002%
41	7.456	1900	1902	1905	rVB3	696	385	0.02%	0.002%
42	7.539	1926	1928	1932	rVB3	726	459	0.02%	0.002%
43	7.603	1935	1948	1972	rBV	269947	512650	22.31%	2.575%
44	7.935	2036	2051	2066	rBV	1021443	1814762	78.99%	9.117%
45	8.160	2118	2121	2126	rVB5	2264	2151	0.09%	0.011%
46	8.218	2126	2139	2164	rBV	182891	351042	15.28%	1.764%
47	8.401	2193	2196	2199	rVB4	727	447	0.02%	0.002%
48	8.491	2221	2224	2225	rBV	448	273	0.01%	0.001%
49	8.517	2229	2232	2233	rBV3	674	383	0.02%	0.002%
50	8.584	2240	2253	2271	rBV	678889	1167934	50.83%	5.867%
51	8.684	2272	2284	2323	rVV	314176	990461	43.11%	4.976%
52	9.015	2385	2387	2391	rVV3	843	522	0.02%	0.003%
53	9.037	2391	2394	2396	rVV2	658	364	0.02%	0.002%
54	9.060	2397	2401	2404	rVB4	583	495	0.02%	0.002%
55	9.089	2404	2410	2413	rBV4	598	643	0.03%	0.003%
56	9.201	2438	2445	2449	rBV5	1044	1448	0.06%	0.007%
57	9.240	2453	2457	2468	rVB6	1995	2896	0.13%	0.015%
58	9.311	2475	2479	2483	rBV4	585	617	0.03%	0.003%
59	9.349	2488	2491	2494	rBV2	583	531	0.02%	0.003%
60	9.369	2495	2497	2503	rVB5	1249	1009	0.04%	0.005%
61	9.449	2507	2522	2558	rBV	989564	1859820	80.95%	9.343%
62	9.600	2558	2569	2581	rBV	30633	50562	2.20%	0.254%
63	9.722	2595	2607	2630	rBV	152040	283675	12.35%	1.425%
64	9.877	2652	2655	2658	rVB3	457	276	0.01%	0.001%
65	9.912	2663	2666	2670	rBV2	677	523	0.02%	0.003%
66	9.973	2681	2685	2690	rVB5	805	747	0.03%	0.004%
67	10.002	2690	2694	2697	rBV2	536	461	0.02%	0.002%
68	10.054	2707	2710	2713	rBV2	891	688	0.03%	0.003%
69	10.131	2721	2734	2756	rBV	61259	111603	4.86%	0.561%
70	10.253	2766	2772	2774	rBV2	395	349	0.02%	0.002%
71	10.279	2776	2780	2783	rVV2	869	927	0.04%	0.005%

LSC Area Percent Report

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Sample : K5631-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE883

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_U\METHOD\SOMULM103119WMA.M
Title : VOC Analysis

72	10.320	2786	2793	2803	rVV3	7948	13844	0.60%	0.070%
73	10.391	2805	2815	2830	rVB5	13117	28540	1.24%	0.143%
74	10.513	2842	2853	2865	rBV5	4800	8684	0.38%	0.044%
75	10.787	2923	2938	2963	rVB	661021	1160366	50.50%	5.829%
76	10.931	2970	2983	2992	rVB4	5593	10345	0.45%	0.052%
77	11.025	3003	3012	3022	rBV2	7966	15367	0.67%	0.077%
78	11.160	3050	3054	3057	rBV4	600	481	0.02%	0.002%
79	11.285	3089	3093	3094	rBV	555	323	0.01%	0.002%
80	11.317	3097	3103	3104	rBV4	2291	2064	0.09%	0.010%
81	11.443	3137	3142	3150	rVB6	1604	1569	0.07%	0.008%
82	11.500	3150	3160	3166	rBV5	4508	6369	0.28%	0.032%
83	11.722	3221	3229	3239	rVV6	7043	11199	0.49%	0.056%
84	11.844	3252	3267	3285	rBV	654155	1171137	50.97%	5.883%
85	11.909	3285	3287	3290	rBV2	527	364	0.02%	0.002%
86	11.976	3304	3308	3310	rBV3	499	473	0.02%	0.002%
87	12.002	3314	3316	3318	rVV2	562	345	0.02%	0.002%
88	12.015	3318	3320	3325	rVB3	770	493	0.02%	0.002%
89	12.089	3330	3343	3353	rBV4	11689	20037	0.87%	0.101%
90	12.221	3370	3384	3403	rBV	682597	1181171	51.41%	5.934%
91	12.327	3415	3417	3420	rVB2	771	356	0.02%	0.002%
92	12.352	3420	3425	3426	rBV	493	396	0.02%	0.002%
93	12.478	3462	3464	3472	rBV4	706	734	0.03%	0.004%
94	12.561	3487	3490	3495	rBV4	613	757	0.03%	0.004%
95	12.777	3554	3557	3559	rBV	939	597	0.03%	0.003%
96	12.909	3593	3598	3608	rVB8	2634	3746	0.16%	0.019%
97	13.217	3689	3694	3695	rBV	490	443	0.02%	0.002%
98	13.330	3727	3729	3732	rBV	434	346	0.02%	0.002%
99	13.738	3853	3856	3860	rBV4	700	542	0.02%	0.003%
100	14.159	3985	3987	3989	rBV3	744	399	0.02%	0.002%

Sum of corrected areas: 19905548

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
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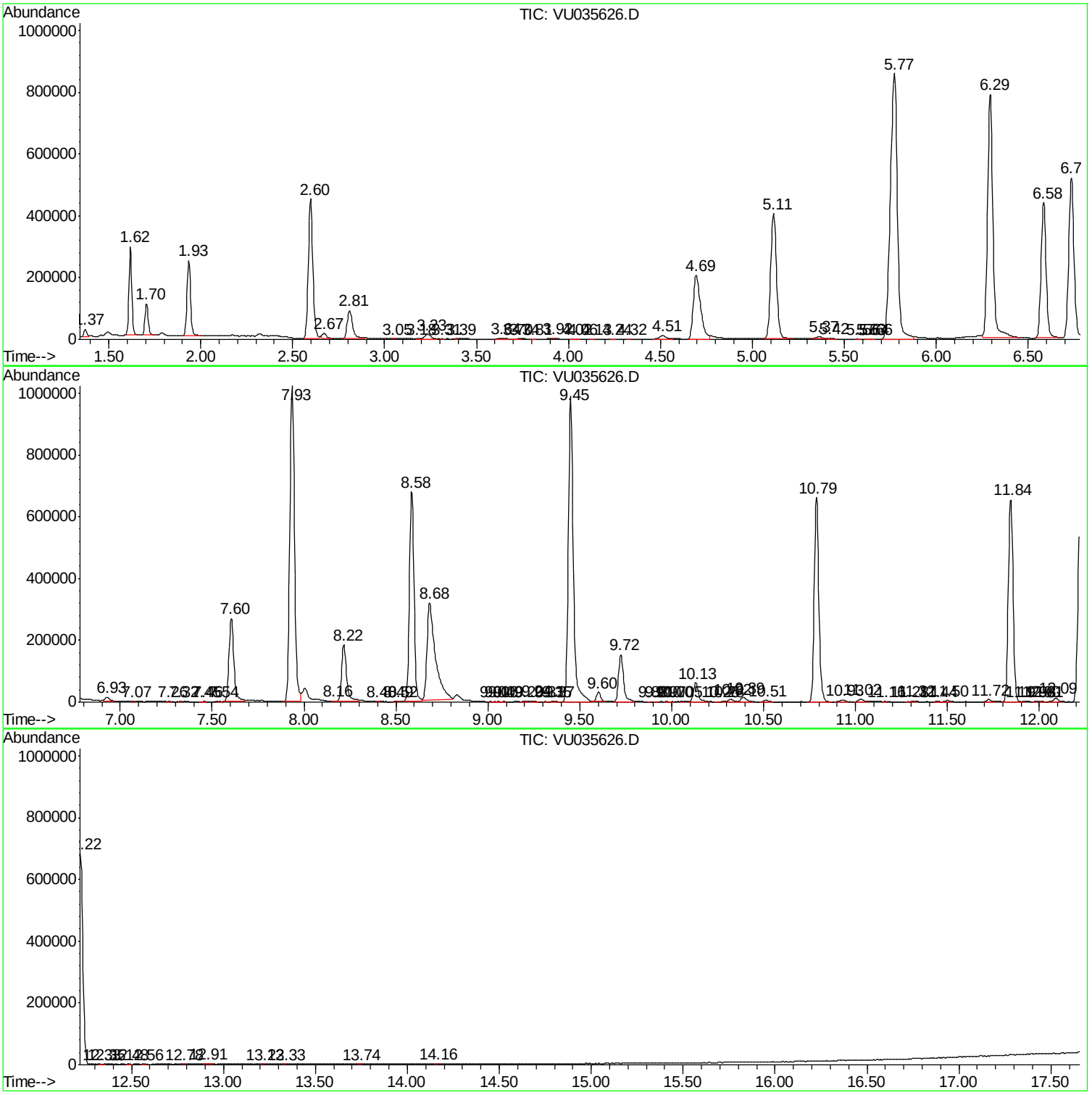
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE883

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
Data File : VU035626.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE883

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

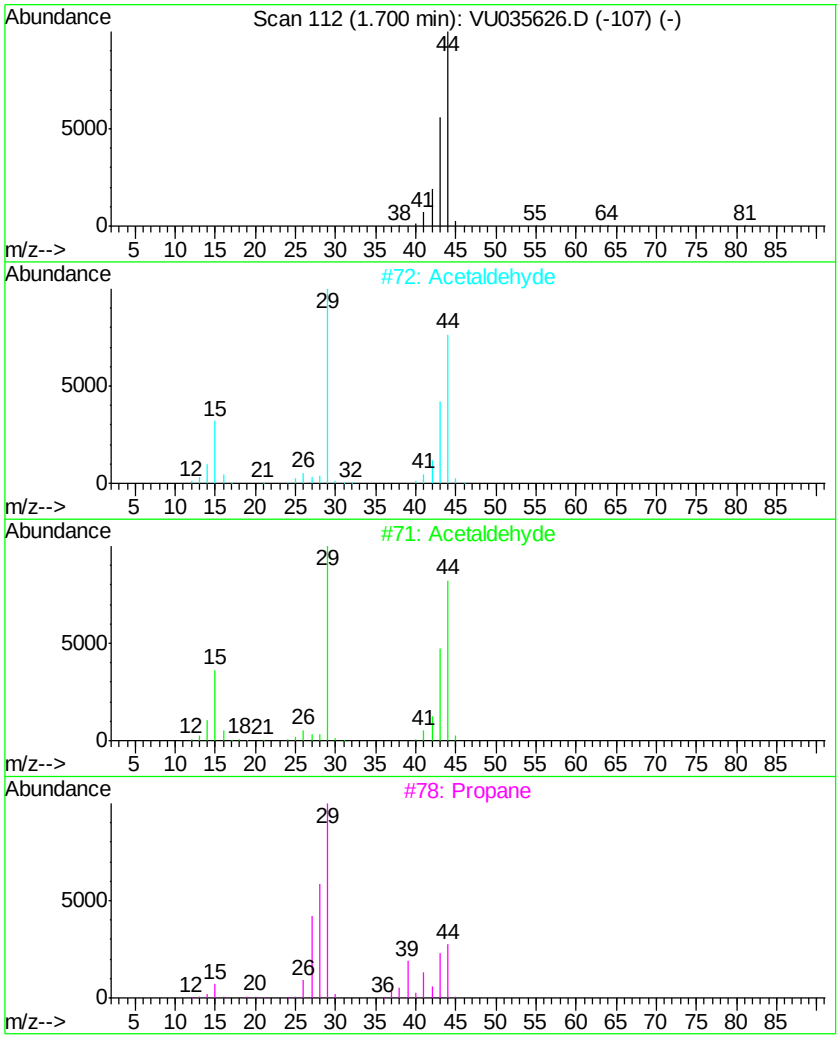
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

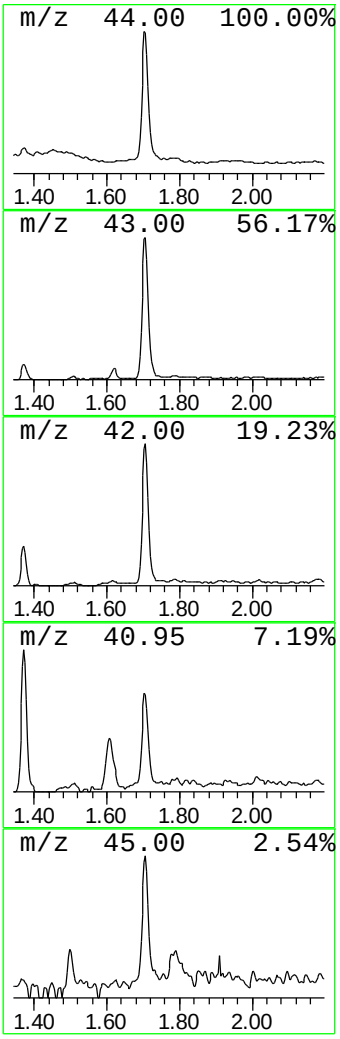
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.70	3.71 ug/L	118805	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
Data File : VU035626.D
Acq On : 05 Nov 2019 13:28
Operator : JC/SP
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Instrument : MSVOA_U
ClientSampleId : BE883

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis

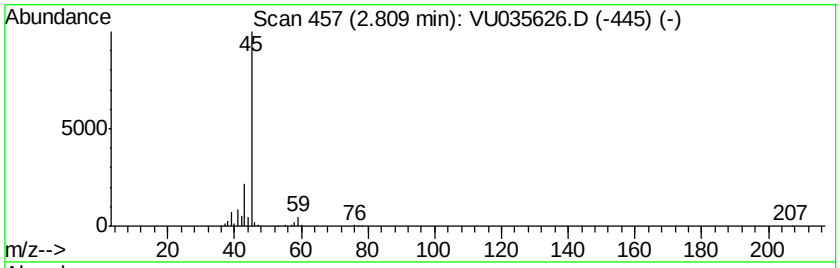
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

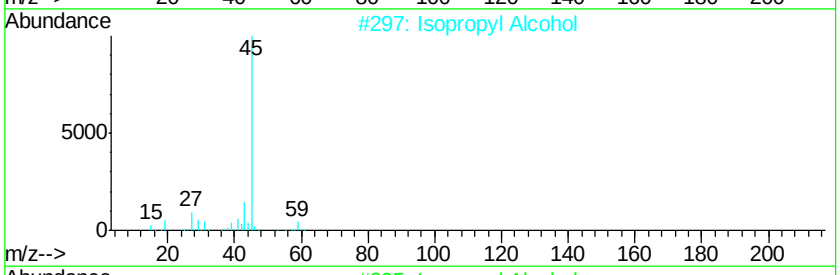
****

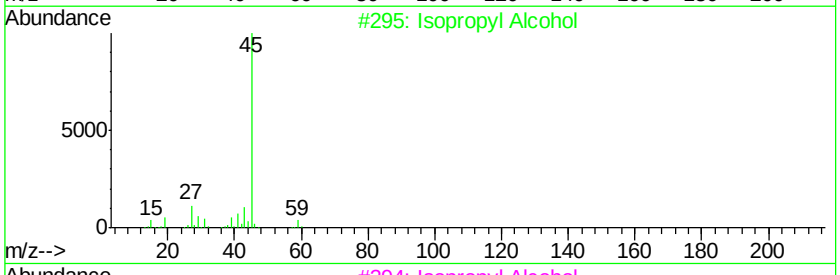
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

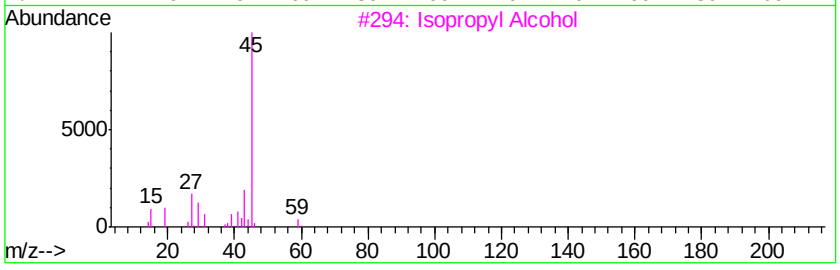
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	5.76 ug/L	184591	1,4-Difluorobenzene	6.29

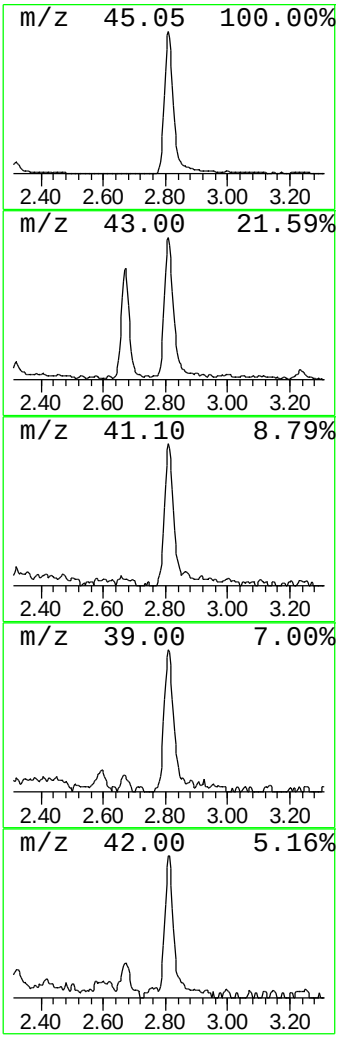
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56











Tentatively Identified Compound (LSC) summary

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.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	1.70	3.7	ug/L	118805	1	6.29	1602180	50.0
Isopropyl Alcohol	2.81	5.8	ug/L	184591	1	6.29	1602180	50.0