LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018733.D
Acq On : 07 Oct 2020 16:23
Operator : SY/MD
Sample : L4308-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AW1

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\SOMVLM092920WMA.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	1.315	64	70	83	rVB	136447	135854	13.90%	1.860%
2	1.579	145	152	164	rVB	116848	135004	13.82%	1.848%
3	2.122	312	321	333	rBV	236715	343959	35.20%	4.709%
4	2.306	376	378	380	rVB3	907	349	0.04%	0.005%
5	2.762	515	520	521	rBV2	583	378	0.04%	0.005%
6	2.833	537	542	545	rVV3	581	518	0.05%	0.007%
7	2.859	549	550	554	rVB2	592	332	0.03%	0.005%
8	2.949	576	578	583	rVB2	678	345	0.04%	0.005%
9	2.978	583	587	590	rBV3	758	479	0.05%	0.007%
10	3.100	621	625	631	rBV3	592	542	0.06%	0.007%
11	3.158	638	643	646	rBV4	651	725	0.07%	0.010%
12	3.315	689	692	694	rBV2	625	393	0.04%	0.005%
13	3.348	700	702	705	rVB3	781	389	0.04%	0.005%
14	3.447	728	733	735	rBV4	528	411	0.04%	0.006%
15	3.634	788	791	792	rBV2	491	315	0.03%	0.004%
16	3.727	816	820	821	rBV	570	341	0.03%	0.005%
17	3.917	868	879	910	rBV	58580	186250	19.06%	2.550%
18	4.103	928	937	967	rVB2	20981	57907	5.93%	0.793%
19	4.376	1005	1022	1046	rBV	161149	401555	41.10%	5.498%
20	4.653	1106	1108	1112	rBV4	885	491	0.05%	0.007%
21	4.788	1147	1150	1152	rVB2	485	314	0.03%	0.004%
22	4.836	1162	1165	1168	rVB2	614	385	0.04%	0.005%
23	4.859	1168	1172	1176	rBV4	516	392	0.04%	0.005%
24	5.071	1220	1238	1265	rBV2	383117	977101	100.00%	13.378%
25	5.325	1315	1317	1320	rBV3	633	352	0.04%	0.005%
26	5.566	1390	1392	1395	rVB	1031	410	0.04%	0.006%
27	5.589	1395	1399	1400	rBV3	744	524	0.05%	0.007%
28	5.643	1400	1416	1438	rBV	265123	545443	55.82%	7.468%
29	5.929	1490	1505	1523	rBV2	50100	108469	11.10%	1.485%
30	6.045	1537	1541	1543	rBV4	844	803	0.08%	0.011%
31	6.093	1543	1556	1575	rVV	238108	483510	49.48%	6.620%
32	6.431	1659	1661	1663	rBV3	893	327	0.03%	0.004%
33	6.807	1774	1778	1779	rBV3	799	612	0.06%	0.008%
34	6.826	1782	1784	1787	rVB2	590	312	0.03%	0.004%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AW1

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	6.852	1787	1792	1796	rVB5	619	635	0.06%	0.009%
36	6.875	1796	1799	1800	rBV	686	432	0.04%	0.006%
37	7.010	1830	1841	1862	rBV	129668	235111	24.06%	3.219%
38	7.161	1886	1888	1891	rBV4	810	376	0.04%	0.005%
39	7.206	1900	1902	1907	rVB3	1280	898	0.09%	0.012%
40	7.232	1908	1910	1913	rVV2	924	414	0.04%	0.006%
41	7.338	1931	1943	1965	rBV	426259	742535	75.99%	10.167%
42	7.643	2028	2038	2057	rBV	83816	146821	15.03%	2.010%
43	7.952	2132	2134	2137	rBV2	430	302	0.03%	0.004%
44	8.000	2143	2149	2157	rBV7	2321	3390	0.35%	0.046%
45	8.068	2168	2170	2173	rBV	590	331	0.03%	0.005%
46	8.109	2173	2183	2195	rBV2	166606	320956	32.85%	4.395%
47	8.627	2342	2344	2347	rBV3	509	360	0.04%	0.005%
48	8.772	2387	2389	2395	rVB4	831	809	0.08%	0.011%
49	8.810	2395	2401	2402	rBV3	719	622	0.06%	0.009%
50	8.871	2407	2420	2440	rBV	427622	691607	70.78%	9.469%
51	9.129	2497	2500	2503	rBV2	584	471	0.05%	0.006%
52	9.174	2510	2514	2515	rBV	664	421	0.04%	0.006%
53	9.225	2527	2530	2533	rBV	475	350	0.04%	0.005%
54	9.305	2550	2555	2557	rBV3	591	423	0.04%	0.006%
55	9.508	2614	2618	2621	rBV2	680	502	0.05%	0.007%
56	9.723	2682	2685	2686	rBV	575	352	0.04%	0.005%
57	9.772	2697	2700	2703	rVB2	923	555	0.06%	0.008%
58	9.794	2703	2707	2710	rBV3	802	662	0.07%	0.009%
59	10.080	2794	2796	2799	rVB2	709	343	0.04%	0.005%
60	10.193	2828	2831	2833	rBV2	703	306	0.03%	0.004%
61	10.238	2833	2845	2863	rBV	213505	336380	34.43%	4.606%
62	10.360	2881	2883	2886	rBV2	491	325	0.03%	0.004%
63	10.376	2886	2888	2891	rVB3	944	494	0.05%	0.007%
64	10.402	2891	2896	2897	rBV3	834	706	0.07%	0.010%
65	10.547	2938	2941	2945	rVB3	559	356	0.04%	0.005%
66	10.601	2957	2958	2963	rVB	442	298	0.03%	0.004%
67	10.624	2963	2965	2968	rVB	479	301	0.03%	0.004%
68	10.646	2970	2972	2978	rVB3	644	495	0.05%	0.007%
69	10.672	2978	2980	2984	rBV	561	400	0.04%	0.005%
70	10.723	2992	2996	2999	rBV3	442	357	0.04%	0.005%
71	10.778	3008	3013	3014	rBV2	601	387	0.04%	0.005%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AW1

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	10.916	3050	3056	3060	rBV4	825	944	0.10%	0.013%
73	11.055	3097	3099	3102	rVB	700	319	0.03%	0.004%
74	11.067	3102	3103	3106	rBV2	501	344	0.04%	0.005%
75	11.158	3127	3131	3133	rBV2	372	315	0.03%	0.004%
76	11.270	3155	3166	3185	rBV	414775	638370	65.33%	8.741%
77	11.373	3194	3198	3202	rVB4	983	673	0.07%	0.009%
78	11.553	3245	3254	3269	rBV3	13417	26732	2.74%	0.366%
79	11.646	3272	3283	3304	rVB	470421	739410	75.67%	10.124%
80	11.804	3329	3332	3333	rBV2	661	360	0.04%	0.005%
81	11.974	3382	3385	3389	rBV2	840	560	0.06%	0.008%
82	12.000	3389	3393	3394	rBV3	514	357	0.04%	0.005%
83	12.148	3436	3439	3442	rBV2	793	444	0.05%	0.006%
84	12.235	3464	3466	3470	rBV2	745	558	0.06%	0.008%
85	12.363	3501	3506	3507	rBV5	1516	1367	0.14%	0.019%
86	12.598	3576	3579	3582	rBV3	692	441	0.05%	0.006%
87	12.694	3603	3609	3622	rVB6	6690	10810	1.11%	0.148%
88	12.749	3622	3626	3628	rBV2	594	483	0.05%	0.007%
89	12.765	3628	3631	3633	rVB2	725	373	0.04%	0.005%
90	12.997	3699	3703	3707	rBV4	821	886	0.09%	0.012%
91	13.392	3824	3826	3830	rVB4	948	476	0.05%	0.007%
92	13.466	3847	3849	3852	rVB3	786	436	0.04%	0.006%
93	13.826	3959	3961	3966	rVB3	744	466	0.05%	0.006%
94	13.903	3982	3985	3987	rBV2	596	337	0.03%	0.005%
95	13.932	3991	3994	3995	rBV2	736	349	0.04%	0.005%
96	13.968	4001	4005	4008	rBV3	401	342	0.04%	0.005%
97	14.276	4099	4101	4103	rBV2	485	316	0.03%	0.004%
98	14.614	4203	4206	4208	rBV2	867	473	0.05%	0.006%
99	14.961	4312	4314	4317	rBV3	530	315	0.03%	0.004%
100	16.148	4682	4683	4685	rBV	671	331	0.03%	0.005%

Sum of corrected areas: 7303561

LSC Report - Integrated Chromatogram

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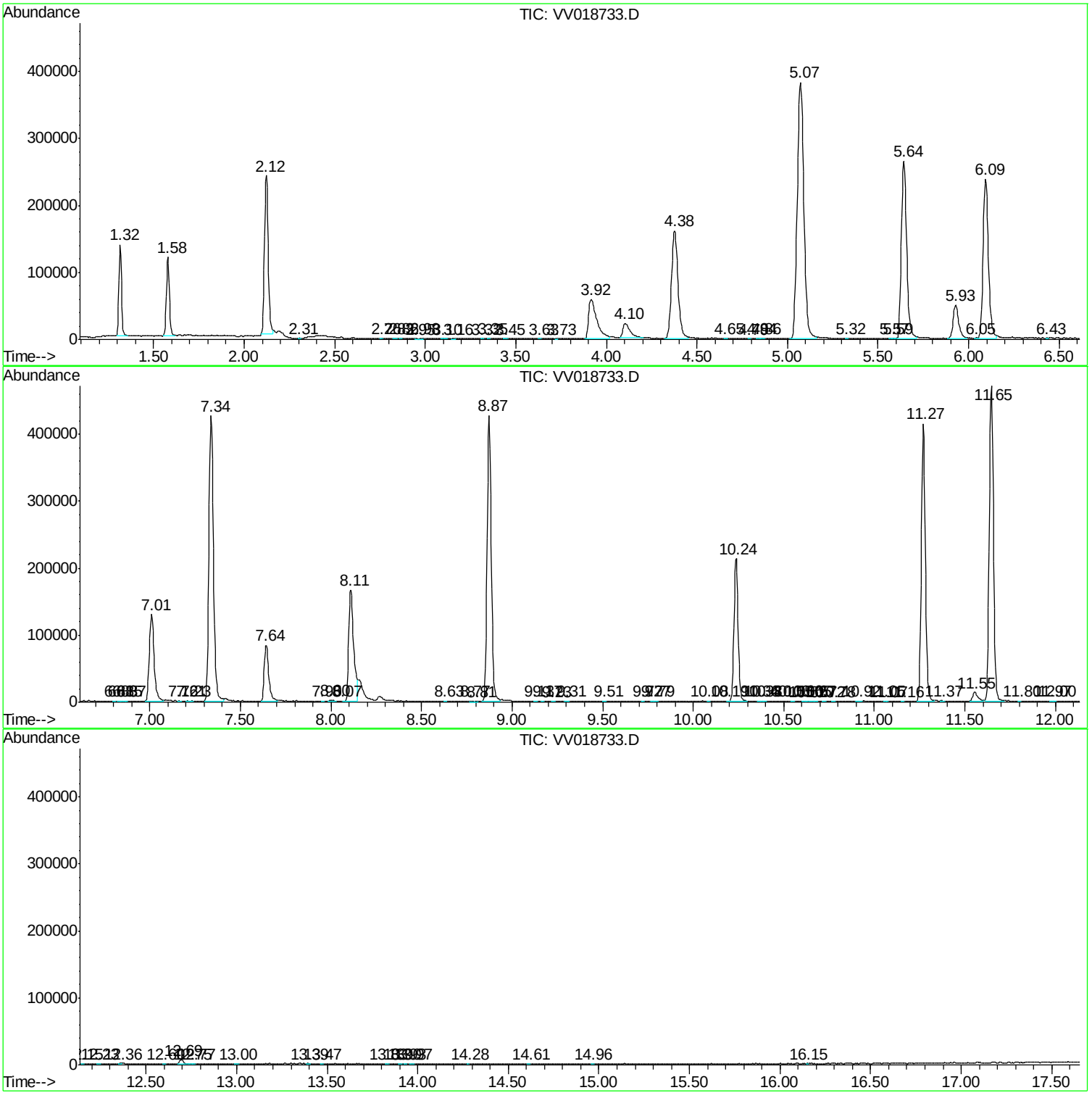
Sample : L4308-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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\VV100720\
Data File : VV018733.D
Acq On : 07 Oct 2020 16:23
Operator : SY/MD
Sample : L4308-06
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ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

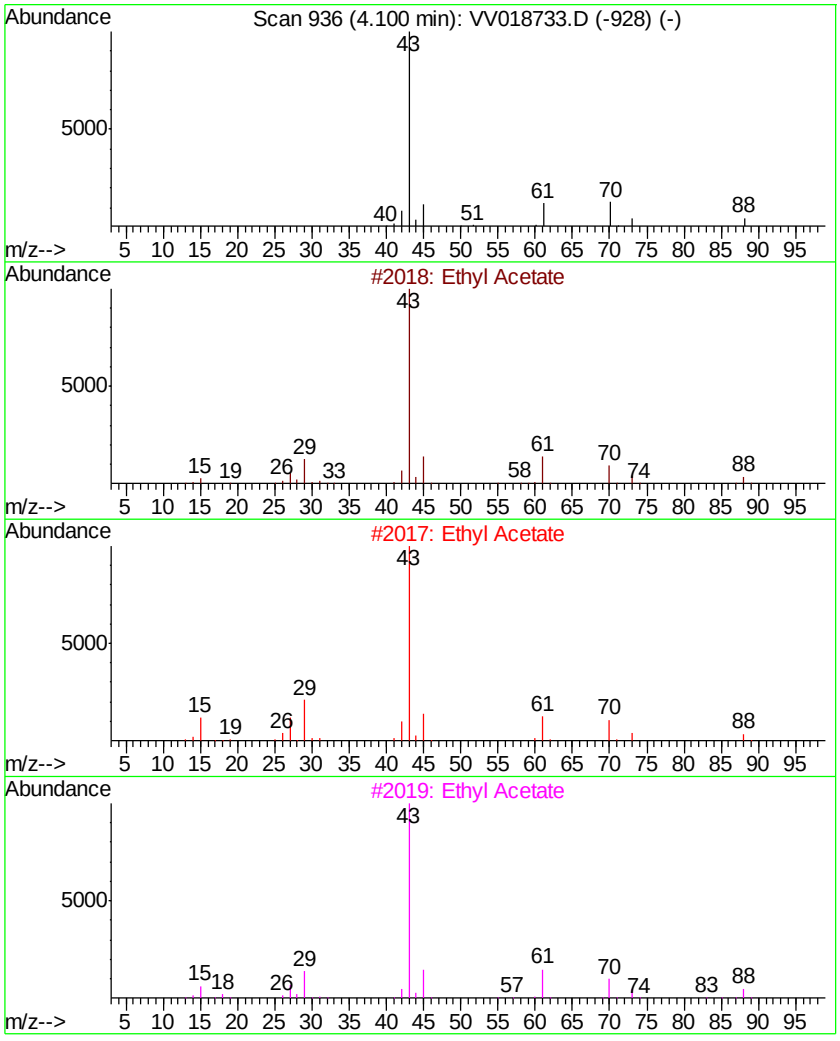
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

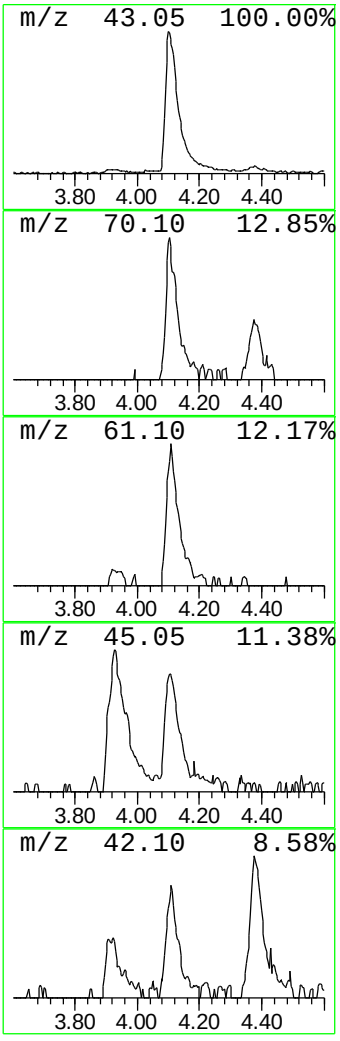
****

Peak Number 1 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	5.31 ug/L	57907	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	80
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64





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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

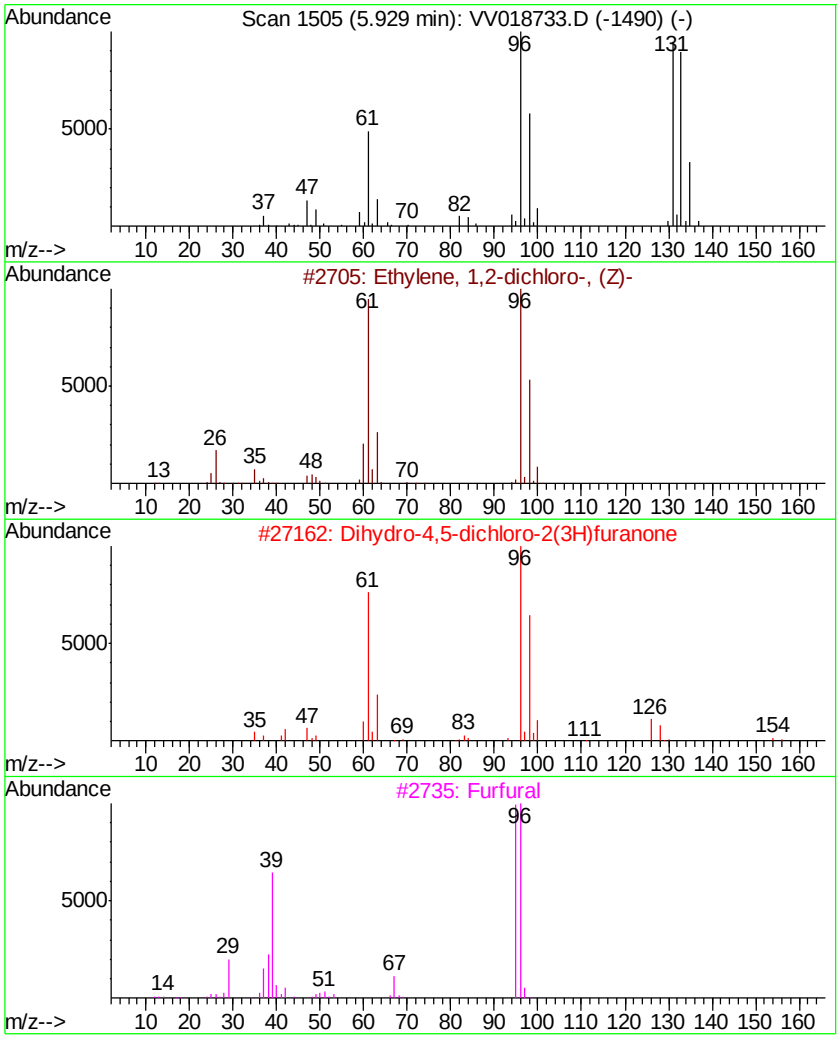
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

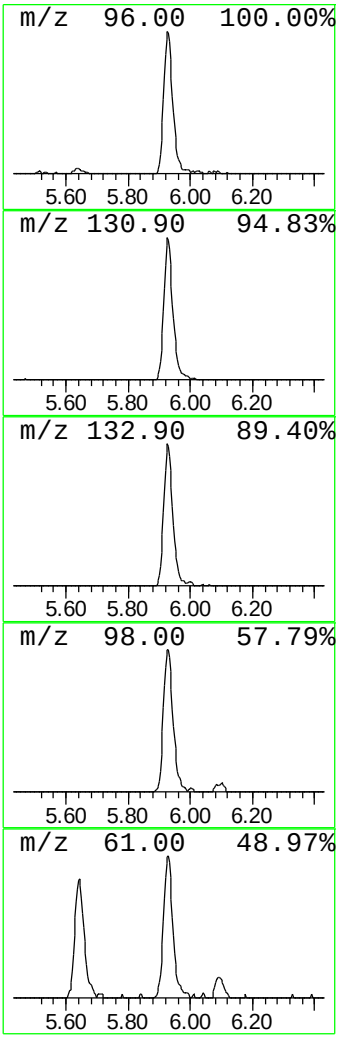
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	9.94 ug/L	108469	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	41
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	10
3	Furfural	96	C5H4O2	000098-01-1	9
4	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
5	Furfural	96	C5H4O2	000098-01-1	9





Tentatively Identified Compound (LSC) summary

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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
Ethyl Acetate	4.10	5.3	ug/L	57907	1	5.64	545443	50.0
unknown-01	5.93	9.9	ug/L	108469	1	5.64	545443	50.0