LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037052.D
Acq On : 27 Aug 2024 01:03
Operator : SY/MD
Sample : P3691-07
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1K50

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\SFAMVLM082624WMA.M
Title : VOC Analysis

Signal : TIC: VV037052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.086	9	14	32	rVB2	233772	263897	10.60%	1.458%
2	1.172	35	41	52	rBV	59336	111275	4.47%	0.615%
3	1.278	68	74	87	rVB	339021	356487	14.32%	1.970%
4	1.532	146	153	169	rVB	281490	337611	13.56%	1.866%
5	2.057	308	316	334	rVB	593681	843010	33.86%	4.659%
6	3.282	695	697	698	rBV	1014	415	0.02%	0.002%
7	3.545	776	779	782	rVB5	1036	656	0.03%	0.004%
8	3.561	782	784	787	rBV4	1025	547	0.02%	0.003%
9	3.577	787	789	791	rBV3	848	435	0.02%	0.002%
10	3.606	796	798	801	rBV3	675	420	0.02%	0.002%
11	3.648	809	811	813	rBV3	1379	629	0.03%	0.003%
12	3.664	813	816	820	rVV5	1786	1188	0.05%	0.007%
13	3.796	848	857	897	rBV	136709	391190	15.71%	2.162%
14	4.114	952	956	958	rBV5	1187	780	0.03%	0.004%
15	4.243	981	996	1025	rBV	390825	983829	39.51%	5.437%
16	4.442	1056	1058	1061	rBV4	964	663	0.03%	0.004%
17	4.619	1112	1113	1117	rVB4	945	545	0.02%	0.003%
18	4.696	1135	1137	1140	rBV4	870	441	0.02%	0.002%
19	4.773	1159	1161	1164	rVB4	808	420	0.02%	0.002%
20	4.857	1185	1187	1188	rBV2	718	376	0.02%	0.002%
21	4.880	1192	1194	1197	rVB3	1171	568	0.02%	0.003%
22	4.950	1197	1216	1249	rBV2	989649	2489880	100.00%	13.760%
23	5.352	1339	1341	1346	rVB6	1522	909	0.04%	0.005%
24	5.529	1382	1396	1429	rBV	662690	1375191	55.23%	7.600%
25	5.986	1525	1538	1569	rBV	546060	1140089	45.79%	6.300%
26	6.548	1709	1713	1714	rBV3	1151	760	0.03%	0.004%
27	6.860	1806	1810	1811	rBV4	1334	934	0.04%	0.005%
28	6.908	1815	1825	1857	rVV	262803	507765	20.39%	2.806%
29	7.140	1893	1897	1899	rBV4	1584	1292	0.05%	0.007%
30	7.240	1916	1928	1957	rBV	1106908	1956033	78.56%	10.810%
31	7.551	2016	2025	2044	rBV	170363	312288	12.54%	1.726%
32	7.908	2133	2136	2138	rBV4	1543	1108	0.04%	0.006%
33	7.966	2150	2154	2157	rBV4	1174	1052	0.04%	0.006%
34	8.024	2164	2172	2216	rBV	381750	805785	32.36%	4.453%
35	8.471	2309	2311	2313	rBV3	1706	700	0.03%	0.004%
36	8.654	2365	2368	2371	rBV6	1391	1022	0.04%	0.006%

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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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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\SFAMVLM082624WMA.M
Title : VOC Analysis

37	8.703	2380	2383	2386	rVB4	1349	852	0.03%	0.005%
38	8.780	2394	2407	2433	rBV	1024607	1703542	68.42%	9.414%
39	9.182	2530	2532	2535	rVB3	1499	625	0.03%	0.003%
40	9.198	2535	2537	2538	rBV2	1219	490	0.02%	0.003%
41	9.310	2570	2572	2576	rBV4	1225	1007	0.04%	0.006%
42	9.342	2580	2582	2584	rBV3	861	550	0.02%	0.003%
43	9.375	2590	2592	2596	rVB5	1533	865	0.03%	0.005%
44	9.407	2600	2602	2605	rVV3	923	548	0.02%	0.003%
45	9.449	2613	2615	2616	rBV3	913	414	0.02%	0.002%
46	9.539	2641	2643	2647	rBV4	1268	970	0.04%	0.005%
47	9.603	2661	2663	2667	rVB5	1245	585	0.02%	0.003%
48	9.690	2688	2690	2693	rBV4	837	481	0.02%	0.003%
49	9.731	2702	2703	2705	rBV2	1017	380	0.02%	0.002%
50	9.783	2717	2719	2721	rVB2	1207	453	0.02%	0.003%
51	9.799	2721	2724	2729	rBV6	843	632	0.03%	0.003%
52	9.834	2733	2735	2739	rVB5	1248	801	0.03%	0.004%
53	9.924	2762	2763	2765	rBV2	1367	740	0.03%	0.004%
54	10.043	2795	2800	2805	rBV7	1534	1629	0.07%	0.009%
55	10.066	2805	2807	2810	rVV4	1031	509	0.02%	0.003%
56	10.146	2819	2832	2858	rBV	666943	1065517	42.79%	5.888%
57	10.368	2899	2901	2904	rVB3	1502	681	0.03%	0.004%
58	10.387	2905	2907	2912	rVB4	1947	1187	0.05%	0.007%
59	10.429	2918	2920	2921	rBV	975	490	0.02%	0.003%
60	10.519	2943	2948	2952	rBV6	1517	1392	0.06%	0.008%
61	10.580	2964	2967	2970	rBV4	903	620	0.02%	0.003%
62	10.609	2974	2976	2978	rBV4	740	424	0.02%	0.002%
63	10.641	2982	2986	2987	rBV4	1298	852	0.03%	0.005%
64	10.760	3017	3023	3026	rBV6	2082	1792	0.07%	0.010%
65	10.796	3029	3034	3038	rBV7	1554	1868	0.08%	0.010%
66	10.854	3048	3052	3053	rBV3	856	552	0.02%	0.003%
67	10.934	3074	3077	3082	rBV5	1185	940	0.04%	0.005%
68	11.018	3100	3103	3108	rVB6	1742	1407	0.06%	0.008%
69	11.040	3108	3110	3115	rBV5	820	754	0.03%	0.004%
70	11.082	3120	3123	3126	rVB5	1037	736	0.03%	0.004%
71	11.111	3126	3132	3134	rBV5	1296	1132	0.05%	0.006%
72	11.133	3134	3139	3143	rBV8	2531	2216	0.09%	0.012%
73	11.182	3143	3154	3178	rBV	1031792	1648982	66.23%	9.113%
74	11.455	3237	3239	3242	rBV4	1334	719	0.03%	0.004%
75	11.555	3259	3270	3298	rBV	1079044	1736828	69.76%	9.598%
76	11.860	3361	3365	3370	rVB7	2031	1418	0.06%	0.008%

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ClientSampleId :
E1K50

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

77	12.030	3414	3418	3420	rBV4	1896	1484	0.06%	0.008%
78	12.137	3450	3451	3453	rBV2	752	371	0.01%	0.002%
79	12.201	3469	3471	3473	rBV3	890	566	0.02%	0.003%
80	12.262	3487	3490	3491	rVV3	1279	729	0.03%	0.004%
81	12.288	3495	3498	3501	rBV5	1085	774	0.03%	0.004%
82	12.468	3553	3554	3556	rVB2	1118	412	0.02%	0.002%
83	12.503	3563	3565	3568	rBV4	684	456	0.02%	0.003%
84	12.561	3580	3583	3586	rBV4	1173	1024	0.04%	0.006%
85	12.638	3605	3607	3609	rBV4	1069	532	0.02%	0.003%
86	12.699	3623	3626	3629	rVB4	1278	795	0.03%	0.004%
87	12.718	3629	3632	3634	rBV3	1178	725	0.03%	0.004%
88	12.760	3642	3645	3647	rBV3	1072	661	0.03%	0.004%
89	12.892	3684	3686	3691	rBV4	992	749	0.03%	0.004%
90	13.037	3726	3731	3733	rBV4	733	507	0.02%	0.003%
91	13.069	3738	3741	3743	rBV4	1198	664	0.03%	0.004%
92	13.104	3748	3752	3753	rBV3	1297	978	0.04%	0.005%
93	13.249	3795	3797	3799	rBV3	1120	586	0.02%	0.003%
94	13.281	3805	3807	3811	rBV5	1084	1034	0.04%	0.006%
95	13.342	3824	3826	3831	rBV5	1292	800	0.03%	0.004%
96	13.403	3843	3845	3847	rBV3	1077	557	0.02%	0.003%
97	13.773	3957	3960	3963	rVB5	1105	641	0.03%	0.004%
98	14.024	4034	4038	4041	rBV4	808	691	0.03%	0.004%
99	14.284	4116	4119	4126	rBV8	1609	2024	0.08%	0.011%
100	14.725	4253	4256	4259	rBV4	1040	778	0.03%	0.004%

Sum of corrected areas: 18095308

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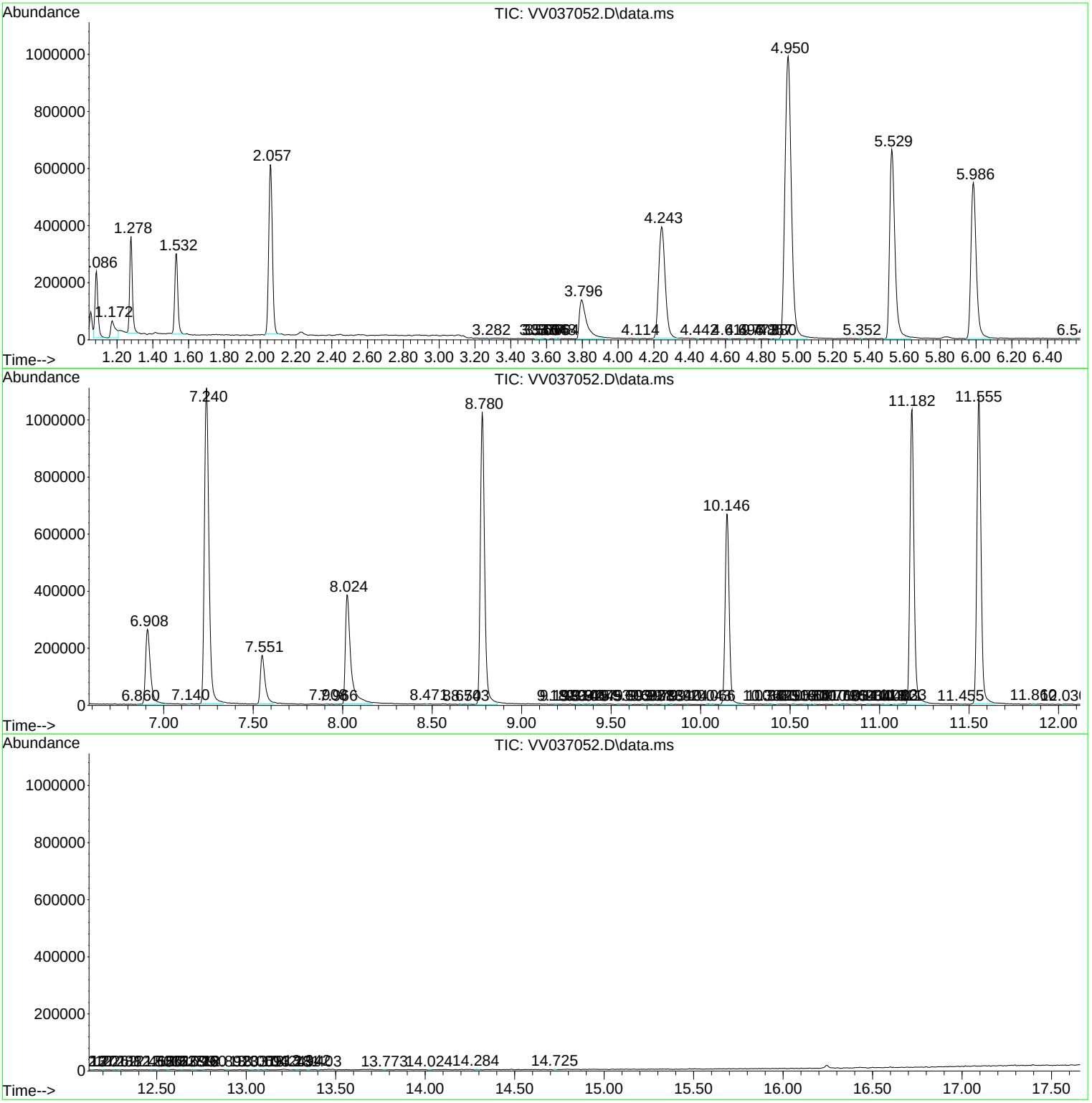
E1K50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
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ClientSampleId :
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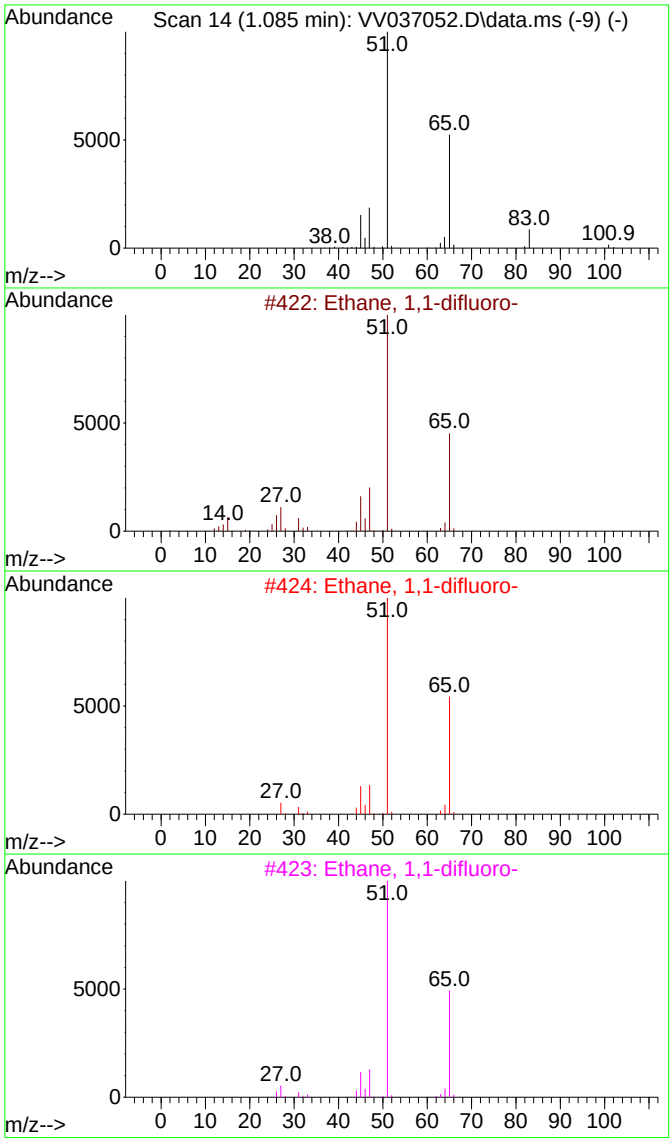
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

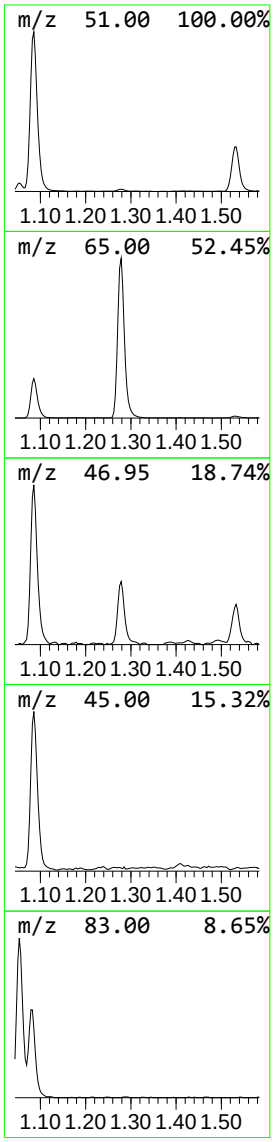
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	9.59 ug/L	263897	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
4	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	10
5	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1K50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

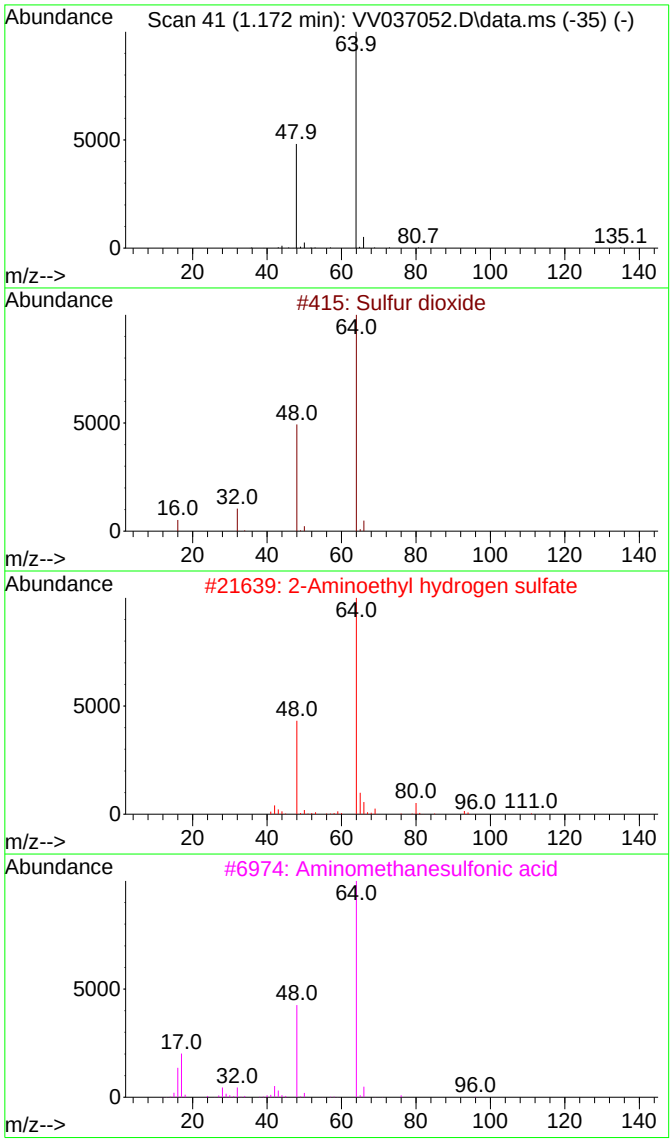
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

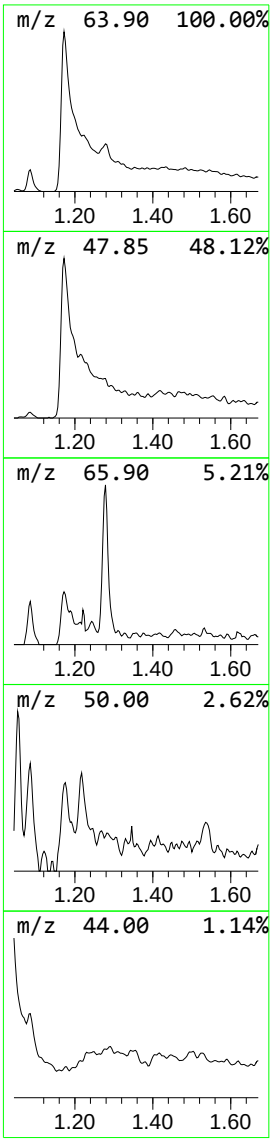
****

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.172	4.05 ug/L	111275	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





Tentatively Identified Compound (LSC) summary

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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
Ethane, 1,1-dif...	1.085	9.6	ug/L	263897	1	5.529	1375190	50.0
Sulfur dioxide	1.172	4.0	ug/L	111275	1	5.529	1375190	50.0