LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

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\SFAMVLM121523WMA.M
Title : VOC Analysis

Signal : TIC: VV033384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	18	rBV	41566	38814	3.82%	0.477%
2	1.111	18	22	32	rVB	67055	65463	6.44%	0.805%
3	1.195	41	48	60	rBV	512730	497471	48.97%	6.118%
4	1.278	67	74	87	rVB	138654	157167	15.47%	1.933%
5	1.532	146	153	171	rVB	122234	145256	14.30%	1.786%
6	2.060	308	317	326	rBV	244553	359294	35.36%	4.418%
7	2.214	355	365	389	rBV	595711	1015965	100.00%	12.494%
8	3.021	614	616	618	rVB3	1148	619	0.06%	0.008%
9	3.320	708	709	715	rVB6	1215	858	0.08%	0.011%
10	3.433	741	744	746	rVB3	1392	729	0.07%	0.009%
11	3.446	746	748	751	rBV4	1414	1039	0.10%	0.013%
12	3.474	755	757	761	rVV4	1169	830	0.08%	0.010%
13	3.503	764	766	769	rBV3	768	564	0.06%	0.007%
14	3.552	778	781	786	rBV5	1001	910	0.09%	0.011%
15	3.642	804	809	813	rVV6	849	900	0.09%	0.011%
16	3.703	826	828	831	rVB5	1281	626	0.06%	0.008%
17	3.783	844	853	872	rBV	53972	148724	14.64%	1.829%
18	4.188	972	979	982	rBV3	16185	21787	2.14%	0.268%
19	4.751	1152	1154	1159	rBV5	1271	885	0.09%	0.011%
20	4.957	1202	1218	1242	rVV2	355033	945338	93.05%	11.625%
21	5.243	1302	1307	1309	rBV5	1659	1523	0.15%	0.019%
22	5.535	1386	1398	1424	rBV	233248	485311	47.77%	5.968%
23	5.989	1528	1539	1564	rBV	207553	422422	41.58%	5.195%
24	6.265	1623	1625	1628	rBV4	1480	938	0.09%	0.012%
25	6.584	1722	1724	1727	rBV4	1340	953	0.09%	0.012%
26	6.680	1751	1754	1755	rBV3	1175	605	0.06%	0.007%
27	6.806	1789	1793	1795	rBV5	1293	764	0.08%	0.009%
28	6.915	1816	1827	1843	rBV	105148	197361	19.43%	2.427%
29	7.137	1892	1896	1899	rBV5	1311	1282	0.13%	0.016%
30	7.243	1918	1929	1947	rBV	417875	726577	71.52%	8.935%
31	7.551	2017	2025	2041	rBV2	75759	133734	13.16%	1.645%
32	7.751	2085	2087	2089	rVB3	1605	691	0.07%	0.008%
33	7.770	2089	2093	2094	rBV4	1239	918	0.09%	0.011%
34	7.825	2107	2110	2112	rBV3	970	576	0.06%	0.007%
35	7.966	2151	2154	2157	rBV3	1262	999	0.10%	0.012%
36	7.979	2157	2158	2163	rBV4	939	648	0.06%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

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\SFAMVLM121523WMA.M
Title : VOC Analysis

37	8.024	2163	2172	2201	rBV	182295	358245	35.26%	4.405%
38	8.297	2251	2257	2272	rBV7	7058	15020	1.48%	0.185%
39	8.394	2285	2287	2293	rVB7	1680	1297	0.13%	0.016%
40	8.551	2334	2336	2339	rVB4	1110	708	0.07%	0.009%
41	8.722	2387	2389	2394	rBV5	977	617	0.06%	0.008%
42	8.786	2397	2409	2428	rBV	375656	618342	60.86%	7.604%
43	9.272	2558	2560	2561	rBV	1509	588	0.06%	0.007%
44	9.519	2634	2637	2640	rBV5	1738	1035	0.10%	0.013%
45	9.776	2715	2717	2721	rVB6	1420	870	0.09%	0.011%
46	9.960	2768	2774	2776	rBV7	1897	1925	0.19%	0.024%
47	10.117	2818	2823	2824	rBV4	2989	1968	0.19%	0.024%
48	10.153	2824	2834	2855	rVB	289294	465155	45.78%	5.720%
49	10.886	3060	3062	3065	rBV4	1307	891	0.09%	0.011%
50	10.956	3082	3084	3086	rBV3	1316	591	0.06%	0.007%
51	11.053	3109	3114	3115	rBV4	1231	1015	0.10%	0.012%
52	11.185	3145	3155	3173	rBV	347884	542137	53.36%	6.667%
53	11.362	3205	3210	3211	rBV5	1458	1076	0.11%	0.013%
54	11.400	3219	3222	3225	rBV4	1203	879	0.09%	0.011%
55	11.481	3243	3247	3250	rBV5	1406	1270	0.13%	0.016%
56	11.561	3260	3272	3291	rBV	435684	691470	68.06%	8.503%
57	11.680	3306	3309	3310	rBV3	1179	776	0.08%	0.010%
58	11.809	3345	3349	3353	rBV6	1269	1220	0.12%	0.015%
59	11.831	3353	3356	3359	rBV4	1434	1130	0.11%	0.014%
60	11.924	3381	3385	3389	rVB5	1638	1451	0.14%	0.018%
61	11.947	3389	3392	3396	rBV5	1227	913	0.09%	0.011%
62	12.046	3420	3423	3425	rVB3	1092	563	0.06%	0.007%
63	12.072	3428	3431	3437	rBV6	1474	1270	0.13%	0.016%
64	12.098	3437	3439	3443	rVB5	1352	614	0.06%	0.008%
65	12.124	3443	3447	3452	rBV7	1505	1600	0.16%	0.020%
66	12.169	3459	3461	3465	rVB4	1242	736	0.07%	0.009%
67	12.262	3484	3490	3493	rVV7	1926	2138	0.21%	0.026%
68	12.278	3493	3495	3499	rVV4	1354	775	0.08%	0.010%
69	12.310	3503	3505	3508	rVB4	1507	737	0.07%	0.009%
70	12.397	3527	3532	3538	rVB5	1816	1933	0.19%	0.024%
71	12.429	3538	3542	3543	rBV2	817	604	0.06%	0.007%
72	12.567	3582	3585	3588	rBV4	842	771	0.08%	0.009%
73	12.590	3588	3592	3594	rBV5	1463	1073	0.11%	0.013%
74	12.641	3606	3608	3616	rVB10	1303	1343	0.13%	0.017%
75	12.715	3627	3631	3635	rBV5	1243	1161	0.11%	0.014%
76	12.744	3637	3640	3642	rBV4	1086	623	0.06%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
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Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

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\SFAMVLM121523WMA.M
Title : VOC Analysis

77	12.808	3656	3660	3662	rBV5	1427	1022	0.10%	0.013%
78	12.844	3669	3671	3674	rVB4	1152	644	0.06%	0.008%
79	12.969	3706	3710	3712	rBV4	1175	967	0.10%	0.012%
80	13.085	3742	3746	3748	rBV4	939	669	0.07%	0.008%
81	13.104	3748	3752	3755	rBV5	1816	1555	0.15%	0.019%
82	13.181	3771	3776	3778	rBV5	1193	948	0.09%	0.012%
83	13.606	3905	3908	3910	rBV3	1014	780	0.08%	0.010%
84	13.632	3913	3916	3918	rBV3	1048	551	0.05%	0.007%
85	13.686	3928	3933	3938	rBV9	2471	2466	0.24%	0.030%
86	13.738	3946	3949	3952	rBV4	1502	1126	0.11%	0.014%
87	13.792	3962	3966	3969	rVB5	1297	1097	0.11%	0.013%
88	13.815	3969	3973	3975	rBV4	1627	1295	0.13%	0.016%
89	13.956	4012	4017	4022	rBV6	1733	2147	0.21%	0.026%
90	14.140	4072	4074	4076	rBV3	1092	609	0.06%	0.007%
91	14.413	4157	4159	4165	rVB7	1467	1319	0.13%	0.016%
92	14.480	4176	4180	4184	rBV7	1630	1548	0.15%	0.019%
93	14.648	4230	4232	4236	rBV4	906	661	0.07%	0.008%
94	14.738	4257	4260	4261	rBV2	1032	609	0.06%	0.007%
95	15.078	4361	4366	4368	rBV5	1186	1019	0.10%	0.013%
96	15.583	4519	4523	4528	rBV6	1305	1287	0.13%	0.016%
97	15.705	4557	4561	4564	rBV6	1063	930	0.09%	0.011%
98	15.773	4577	4582	4583	rBV5	1691	1286	0.13%	0.016%
99	16.191	4710	4712	4718	rBV6	1542	1359	0.13%	0.017%
100	16.381	4769	4771	4773	rBV4	1646	854	0.08%	0.011%

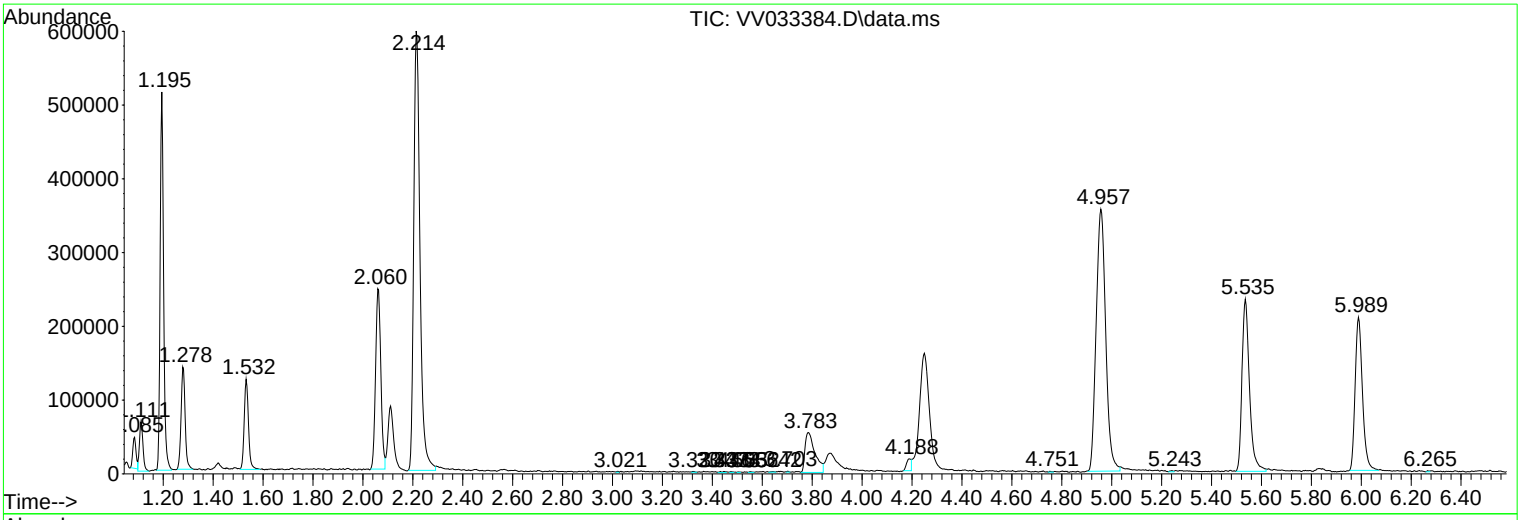
Sum of corrected areas: 8131819

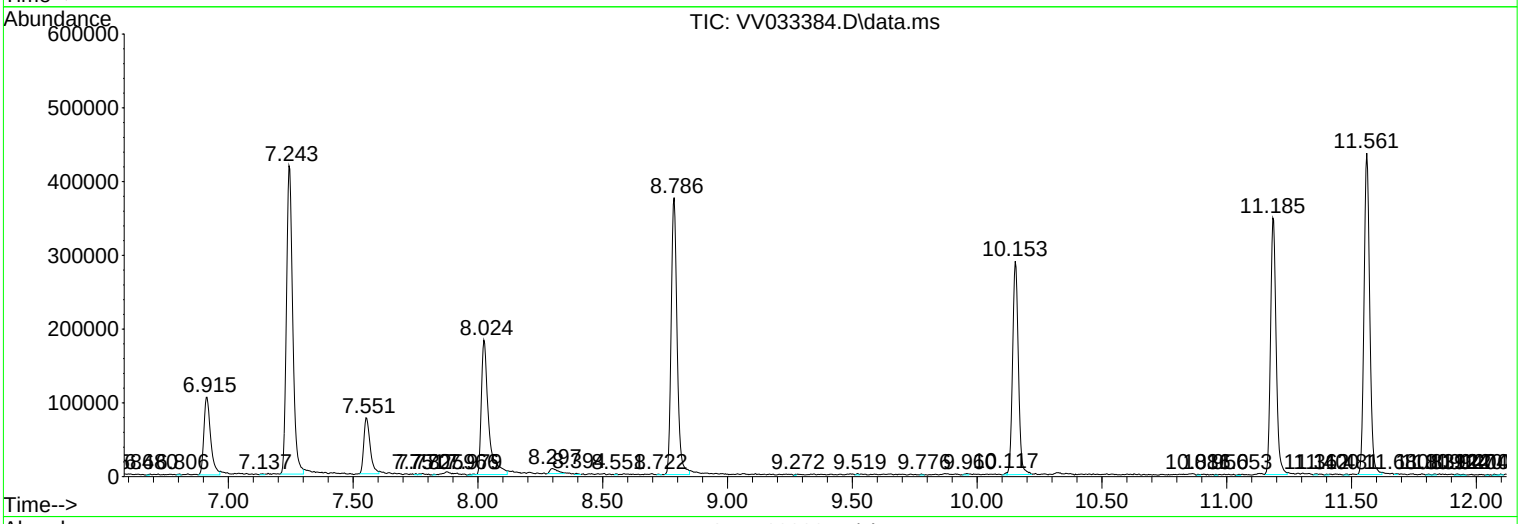
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

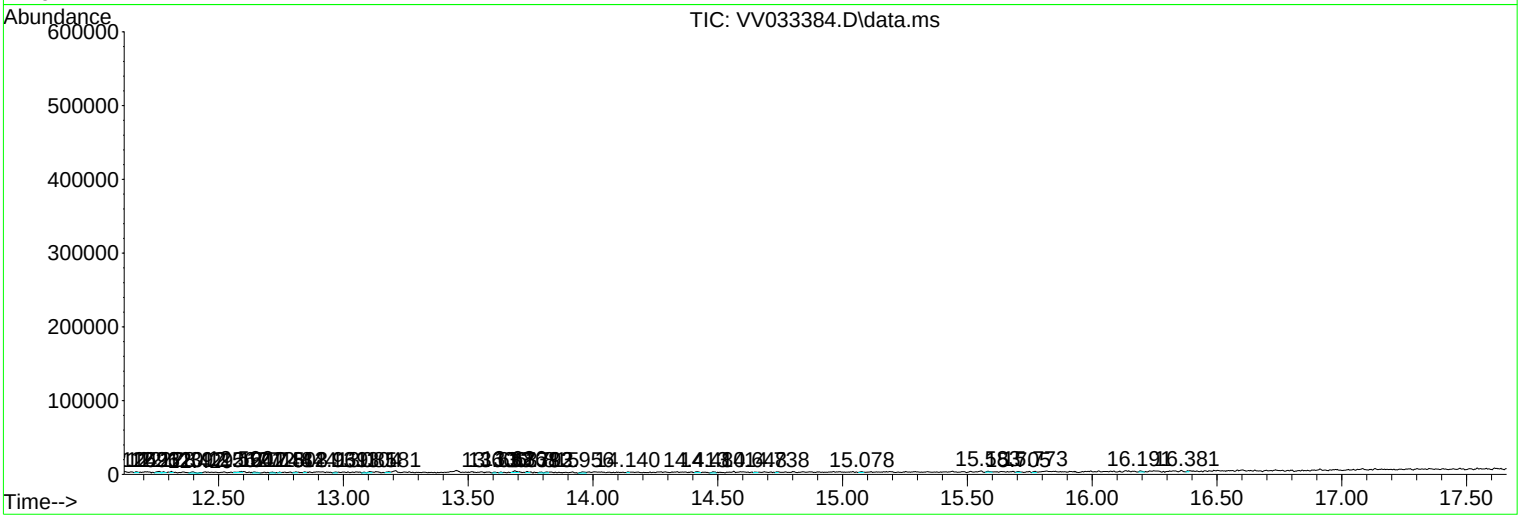
Instrument :
MSVOA_V
ClientSampleId :
YCHB6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

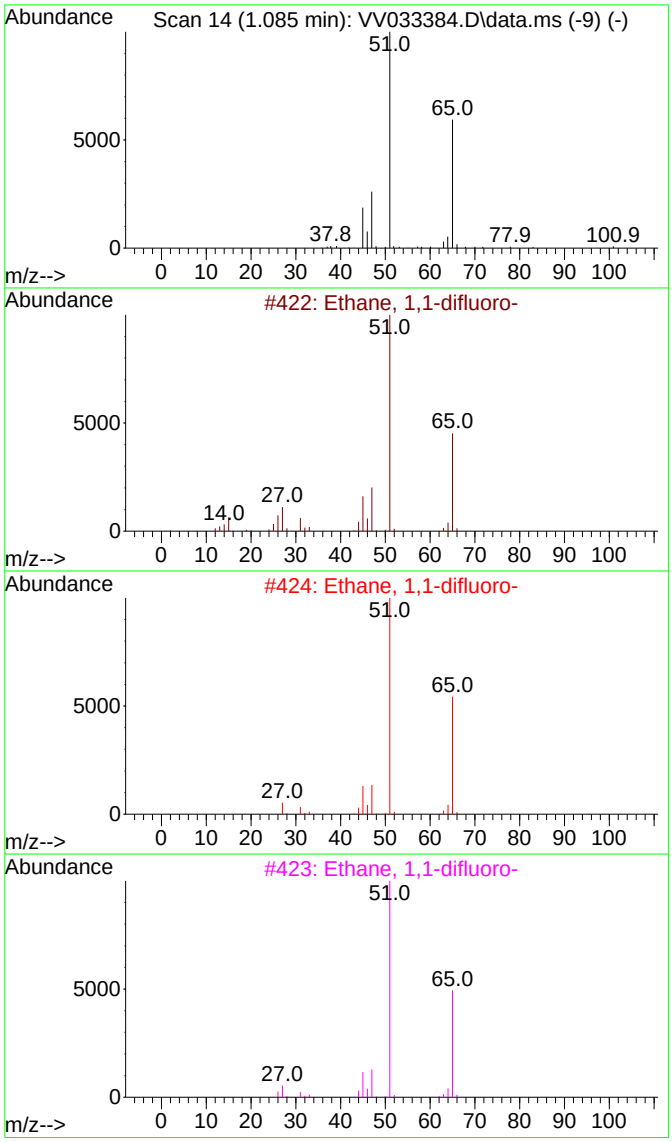
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

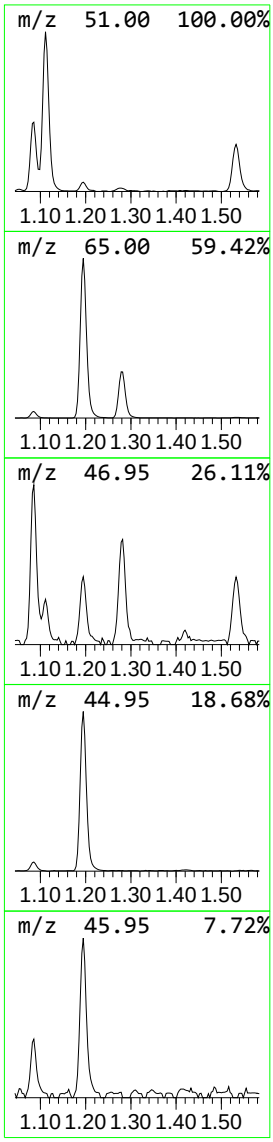
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	4.00 ug/L	38814	1,4-Difluorobenzene	5.535

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	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	10
5	Ethanamine, N-chloro-N,1,1-trifl...	133	C2H3ClF3N	016276-45-2	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

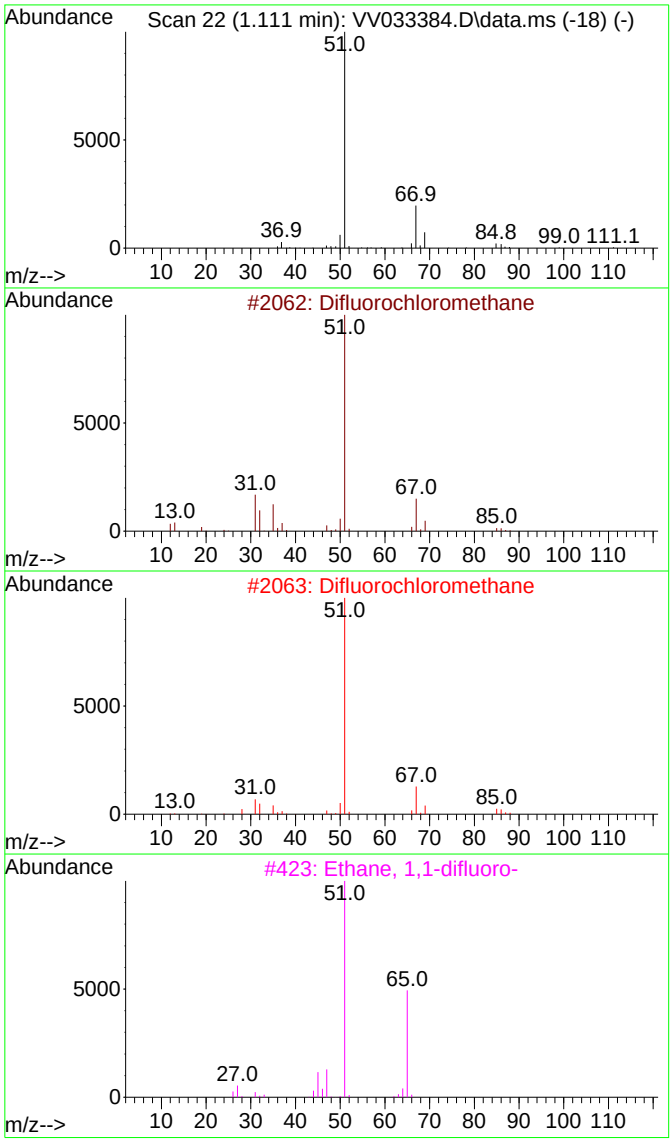
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

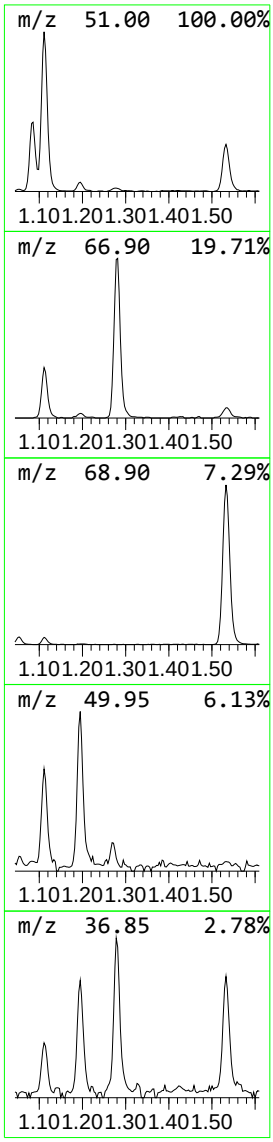
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Difluorochloromethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	6.74 ug/L	65463	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	90
2	Difluorochloromethane	86	CHClF2	000075-45-6	86
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	5
4	Propiolonitrile	51	C3HN	001070-71-9	4
5	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

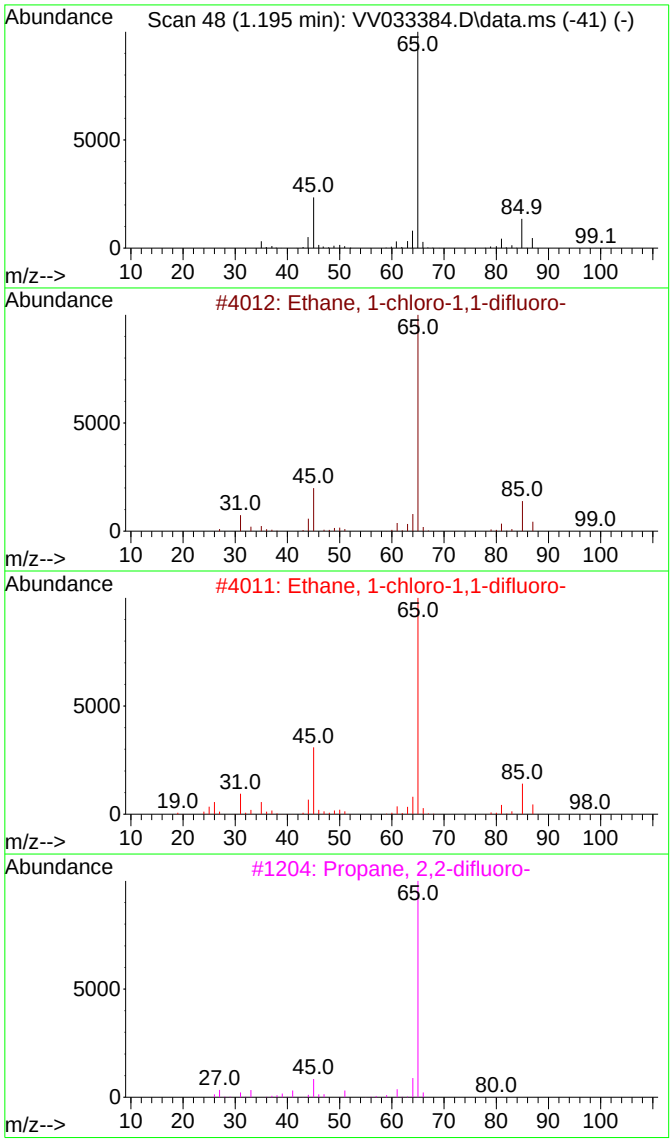
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

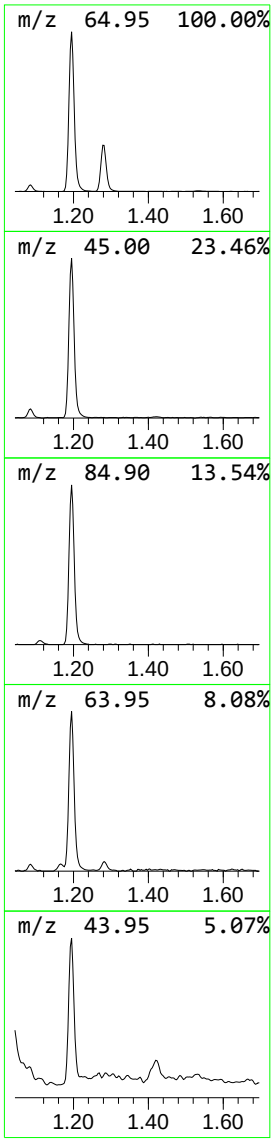
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.195	51.25 ug/L	497471	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	83
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	43
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	40
4	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	4
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

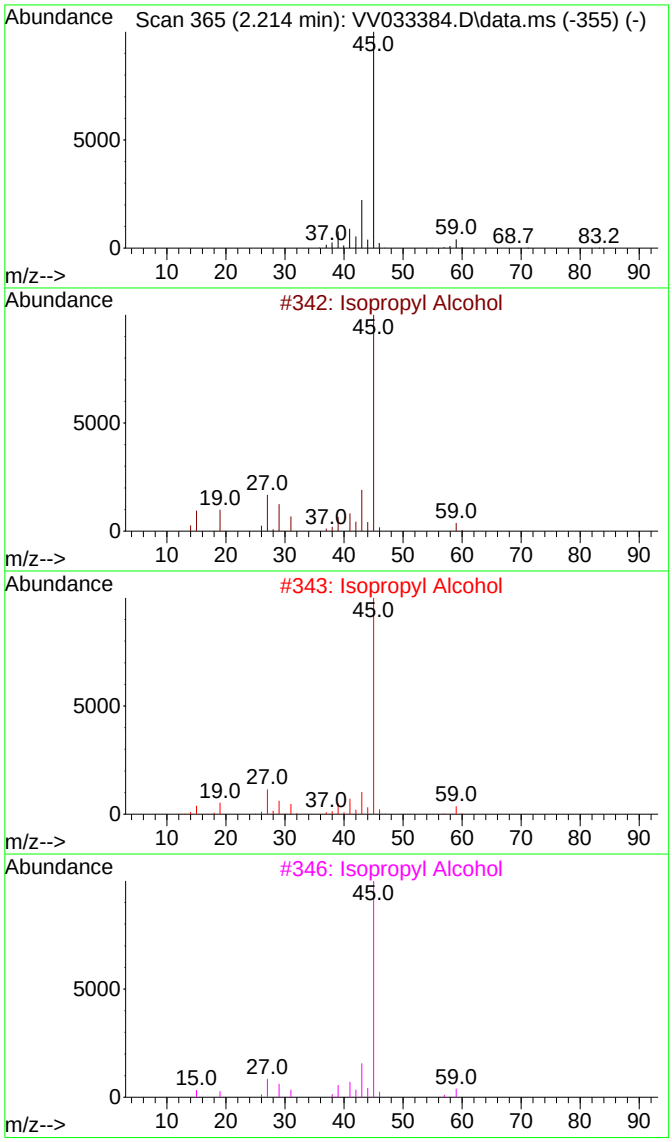
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

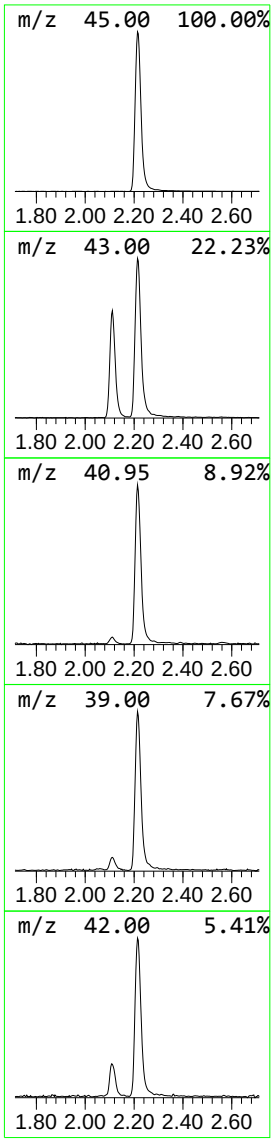
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.214	104.67 ug/L	1015970	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033384.D
Acq On : 15 Dec 2023 18:00
Operator : SY/MD
Sample : 05846-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.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
Ethane, 1,1-dif...	1.085	4.0	ug/L	38814	1	5.535	485311	50.0
Difluorochlorom...	1.111	6.7	ug/L	65463	1	5.535	485311	50.0
Ethane, 1-chlor...	1.195	51.3	ug/L	497471	1	5.535	485311	50.0
Isopropyl Alcohol	2.214	104.7	ug/L	1015970	1	5.535	485311	50.0