

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033382.D
 Acq On : 15 Dec 2023 17:14
 Operator : SY/MD
 Sample : 05846-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHB4

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: VW033382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	8	13	18	rBV	47074	46201	5.39%	0.660%
2	1.111	18	22	34	rVB	74136	72025	8.40%	1.030%
3	1.195	41	48	64	rVB	556226	545722	63.63%	7.801%
4	1.278	67	74	91	rVB	124217	133865	15.61%	1.914%
5	1.532	146	153	167	rVB	106927	126829	14.79%	1.813%
6	2.059	308	317	326	rBV	218100	317382	37.00%	4.537%
7	2.108	327	332	348	rVB	111995	171755	20.03%	2.455%
8	2.217	357	366	384	rBV	99735	177362	20.68%	2.535%
9	2.667	504	506	511	rBV4	1217	962	0.11%	0.014%
10	2.780	539	541	544	rBV4	804	532	0.06%	0.008%
11	3.043	621	623	626	rBV3	807	578	0.07%	0.008%
12	3.095	637	639	643	rBV5	1368	1082	0.13%	0.015%
13	3.182	663	666	669	rBV4	1585	1079	0.13%	0.015%
14	3.230	679	681	683	rBV4	1517	569	0.07%	0.008%
15	3.285	694	698	701	rBV5	1661	1560	0.18%	0.022%
16	3.381	723	728	730	rBV6	1026	878	0.10%	0.013%
17	3.458	749	752	753	rBV4	814	433	0.05%	0.006%
18	3.516	768	770	772	rVB2	1286	488	0.06%	0.007%
19	3.564	783	785	787	rBV3	839	511	0.06%	0.007%
20	3.683	819	822	824	rBV4	831	485	0.06%	0.007%
21	3.693	824	825	829	rVB3	1390	559	0.07%	0.008%
22	3.735	835	838	841	rBV3	956	761	0.09%	0.011%
23	3.786	845	854	870	rBV	46618	125438	14.63%	1.793%
24	4.648	1120	1122	1124	rBV3	1209	493	0.06%	0.007%
25	4.857	1185	1187	1191	rBV5	1418	1035	0.12%	0.015%
26	4.957	1201	1218	1250	rBV2	316959	857680	100.00%	12.261%
27	5.397	1353	1355	1359	rBV5	1204	719	0.08%	0.010%
28	5.484	1379	1382	1386	rBV7	1364	1184	0.14%	0.017%
29	5.535	1387	1398	1427	rVV	234837	493154	57.50%	7.050%
30	5.934	1520	1522	1524	rBV3	1301	634	0.07%	0.009%
31	5.989	1527	1539	1560	rVV2	185201	385201	44.91%	5.507%
32	6.481	1689	1692	1693	rBV3	1503	766	0.09%	0.011%
33	6.641	1737	1742	1744	rVB6	1331	1070	0.12%	0.015%
34	6.870	1812	1813	1816	rBV3	827	601	0.07%	0.009%
35	6.911	1817	1826	1844	rVV	94101	176321	20.56%	2.521%
36	7.243	1918	1929	1951	rBV	360950	644988	75.20%	9.220%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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

37	7.551	2017	2025	2042	rBV	68217	124942	14.57%	1.786%
38	7.715	2074	2076	2079	rBV4	1514	806	0.09%	0.012%
39	7.760	2088	2090	2091	rBV2	1706	732	0.09%	0.010%
40	7.982	2157	2159	2161	rBV2	1171	645	0.08%	0.009%
41	8.024	2164	2172	2197	rVV	157122	305219	35.59%	4.363%
42	8.786	2398	2409	2434	rBV	384062	635908	74.14%	9.091%
43	9.185	2529	2533	2536	rBV6	779	833	0.10%	0.012%
44	9.378	2591	2593	2598	rBV3	833	687	0.08%	0.010%
45	9.619	2665	2668	2673	rBV5	1113	921	0.11%	0.013%
46	9.670	2682	2684	2686	rVB3	1418	619	0.07%	0.009%
47	9.686	2686	2689	2694	rVB5	1977	1634	0.19%	0.023%
48	9.725	2696	2701	2705	rBV7	1736	1807	0.21%	0.026%
49	9.763	2711	2713	2717	rBV4	850	742	0.09%	0.011%
50	9.812	2726	2728	2732	rBV3	1015	656	0.08%	0.009%
51	9.943	2767	2769	2771	rBV2	1159	608	0.07%	0.009%
52	10.053	2801	2803	2807	rBV4	1457	908	0.11%	0.013%
53	10.152	2823	2834	2851	rBV	247648	396816	46.27%	5.673%
54	10.271	2869	2871	2874	rBV4	1082	444	0.05%	0.006%
55	10.397	2907	2910	2911	rBV3	1309	711	0.08%	0.010%
56	10.509	2943	2945	2948	rBV3	1203	880	0.10%	0.013%
57	10.606	2972	2975	2977	rBV3	790	502	0.06%	0.007%
58	10.657	2986	2991	2992	rBV4	1733	1274	0.15%	0.018%
59	10.750	3017	3020	3022	rBV4	1123	815	0.10%	0.012%
60	10.924	3070	3074	3077	rBV5	1065	1041	0.12%	0.015%
61	11.001	3096	3098	3100	rVB2	1118	433	0.05%	0.006%
62	11.021	3100	3104	3105	rBV3	872	644	0.08%	0.009%
63	11.098	3126	3128	3131	rBV3	1414	851	0.10%	0.012%
64	11.185	3145	3155	3173	rBV	357461	563515	65.70%	8.056%
65	11.464	3240	3242	3246	rBV4	1172	760	0.09%	0.011%
66	11.561	3261	3272	3293	rBV	385341	616399	71.87%	8.812%
67	11.696	3312	3314	3316	rBV3	1077	597	0.07%	0.009%
68	11.828	3353	3355	3358	rBV4	1153	522	0.06%	0.007%
69	11.908	3377	3380	3382	rBV4	1041	693	0.08%	0.010%
70	11.959	3393	3396	3398	rVB5	1416	706	0.08%	0.010%
71	11.969	3398	3399	3401	rBV2	951	472	0.06%	0.007%
72	12.040	3418	3421	3425	rBV4	1012	633	0.07%	0.009%
73	12.297	3497	3501	3502	rBV4	935	596	0.07%	0.009%
74	12.422	3536	3540	3542	rBV3	1003	759	0.09%	0.011%
75	12.442	3544	3546	3549	rVV4	1084	620	0.07%	0.009%
76	12.455	3549	3550	3555	rVB5	1548	1061	0.12%	0.015%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

77	12.477	3555	3557	3558	rBV2	1034	491	0.06%	0.007%
78	12.664	3612	3615	3616	rBV3	999	497	0.06%	0.007%
79	12.673	3616	3618	3622	rBV5	750	542	0.06%	0.008%
80	12.779	3649	3651	3655	rBV3	908	538	0.06%	0.008%
81	12.831	3662	3667	3668	rBV6	977	732	0.09%	0.010%
82	12.863	3673	3677	3681	rBV5	1391	1524	0.18%	0.022%
83	12.988	3715	3716	3719	rBV3	1009	463	0.05%	0.007%
84	13.111	3745	3754	3756	rBV10	1499	2138	0.25%	0.031%
85	13.204	3778	3783	3788	rVV6	3590	3920	0.46%	0.056%
86	13.448	3852	3859	3864	rBV	11638	13005	1.52%	0.186%
87	13.516	3878	3880	3883	rBV3	1102	575	0.07%	0.008%
88	13.760	3954	3956	3960	rBV5	1124	962	0.11%	0.014%
89	13.837	3975	3980	3982	rBV5	1570	1692	0.20%	0.024%
90	13.876	3989	3992	3995	rBV5	1631	1017	0.12%	0.015%
91	13.982	4023	4025	4029	rVB3	1247	657	0.08%	0.009%
92	14.117	4064	4067	4070	rBV5	916	788	0.09%	0.011%
93	14.191	4088	4090	4093	rBV3	714	473	0.06%	0.007%
94	14.207	4093	4095	4099	rVV5	1225	891	0.10%	0.013%
95	14.249	4105	4108	4110	rBV5	1059	691	0.08%	0.010%
96	14.400	4153	4155	4158	rVB4	1328	549	0.06%	0.008%
97	14.557	4202	4204	4207	rBV4	819	584	0.07%	0.008%
98	14.631	4224	4227	4228	rBV4	1346	620	0.07%	0.009%
99	14.969	4329	4332	4336	rVB5	1719	924	0.11%	0.013%
100	15.133	4380	4383	4385	rBV4	1010	621	0.07%	0.009%

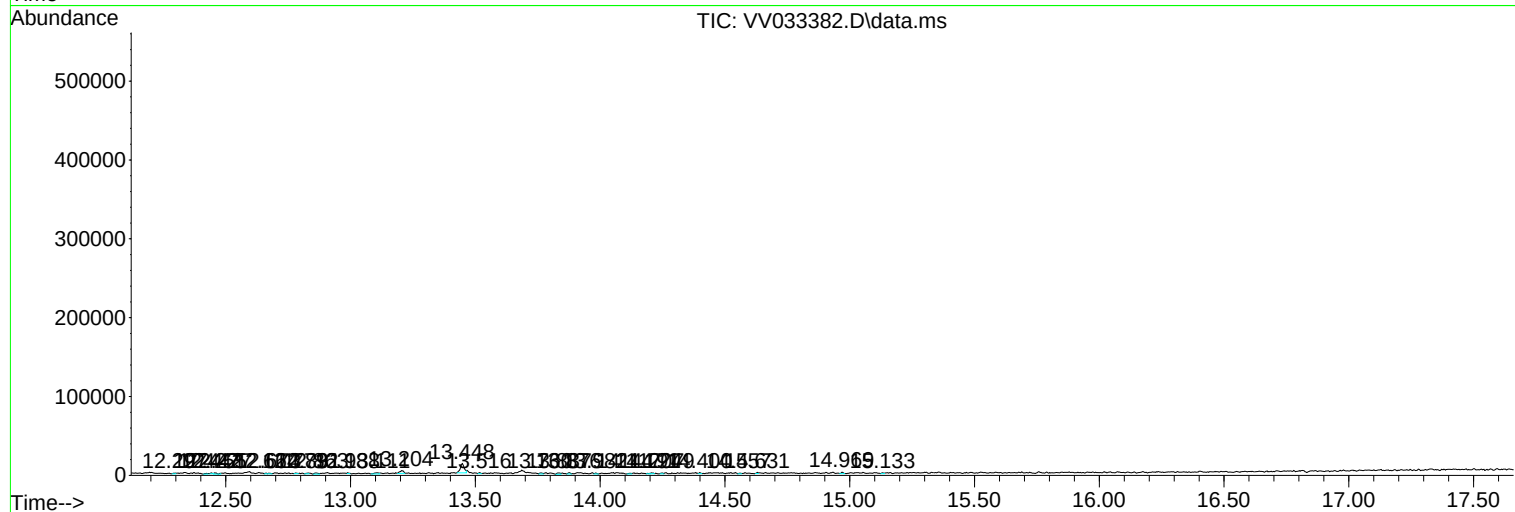
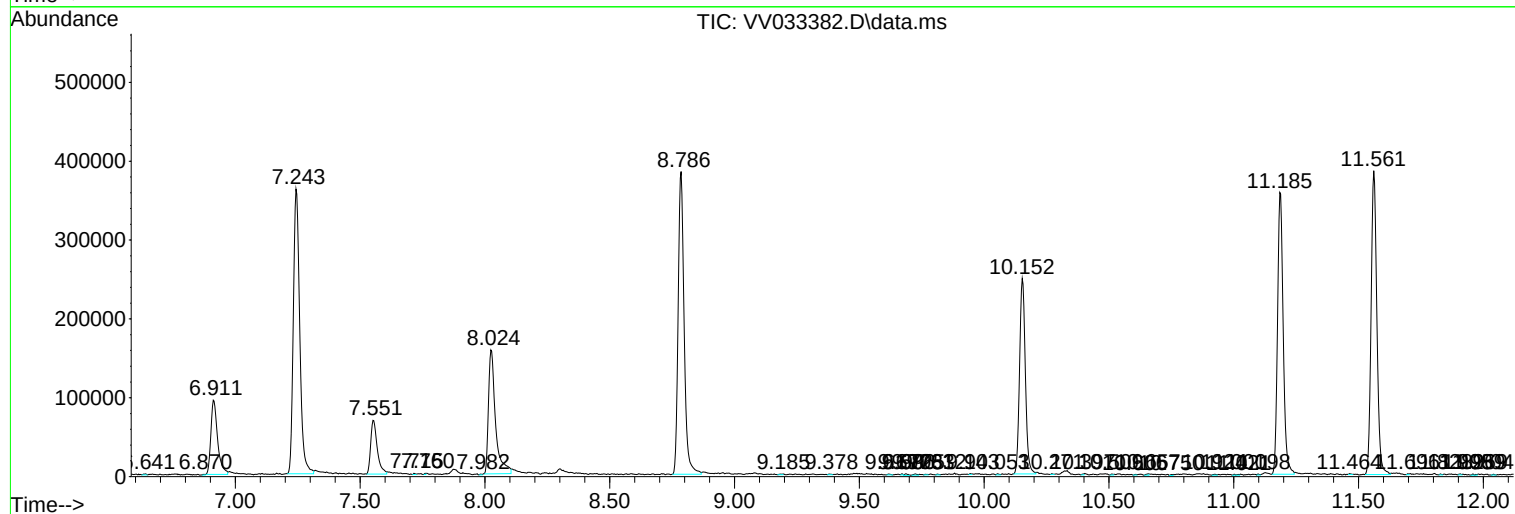
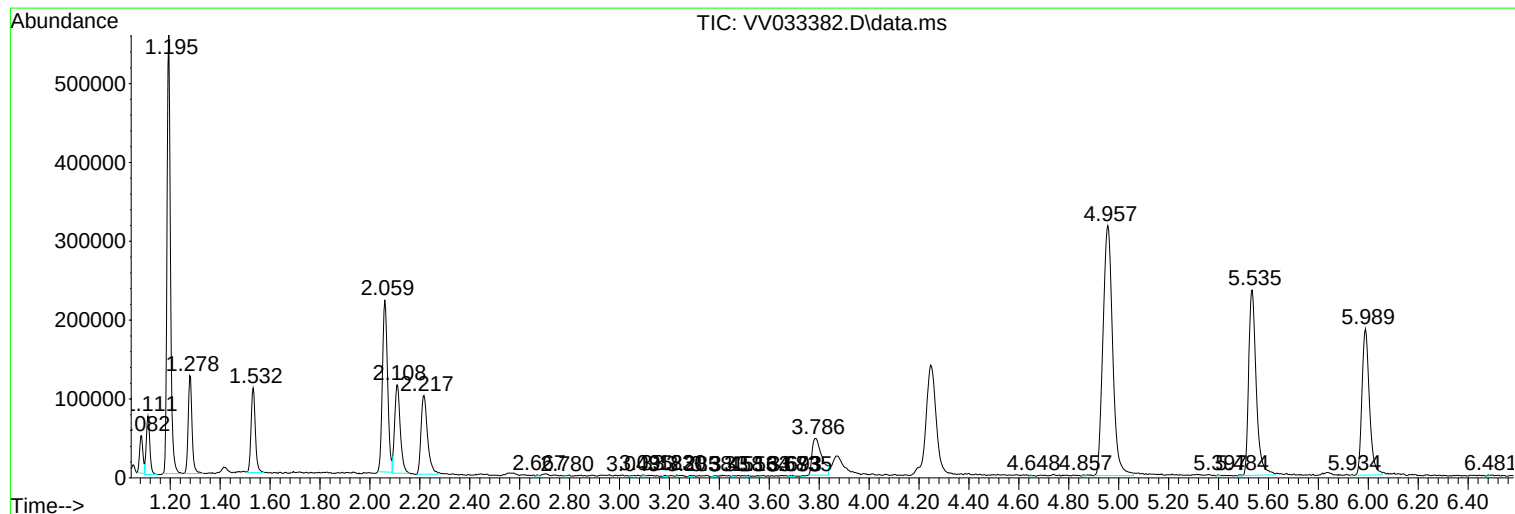
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB4

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\
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Sample : 05846-01
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Instrument :
MSVOA_V
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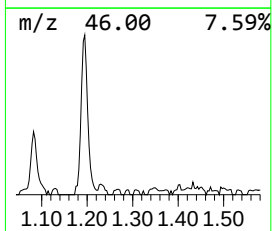
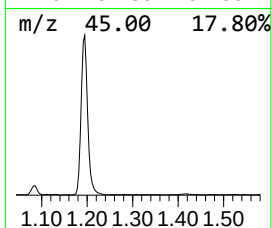
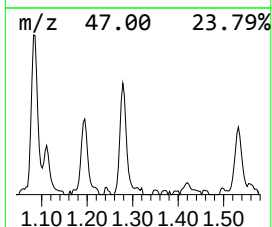
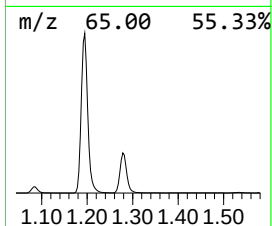
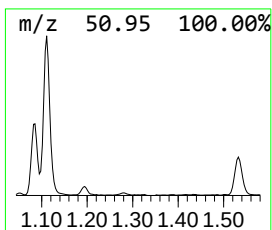
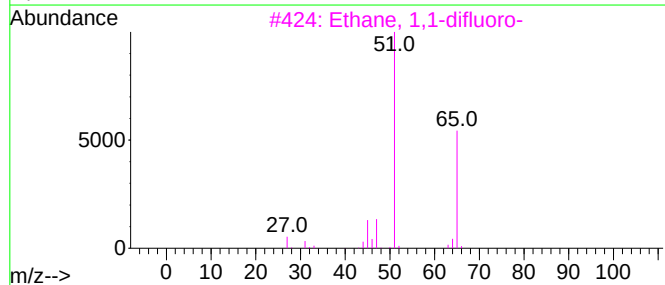
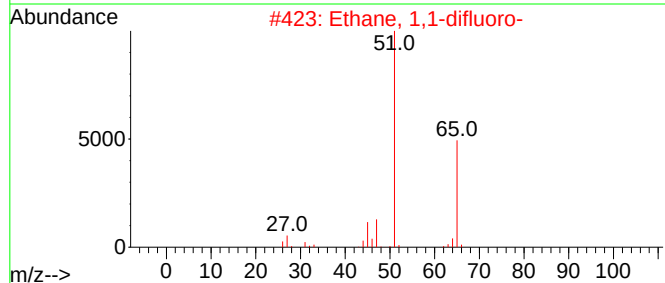
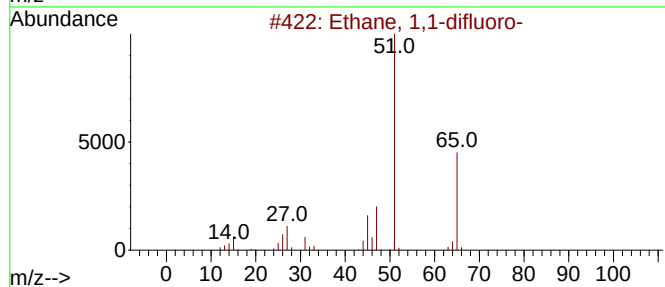
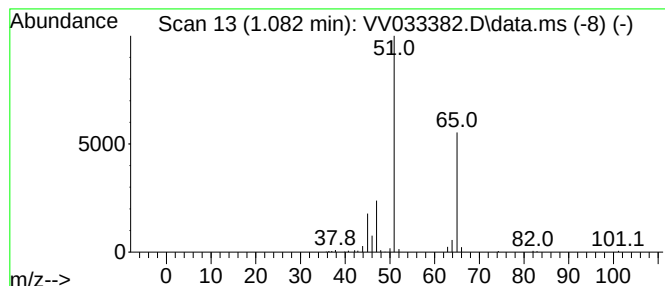
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

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.
1.082	4.68 ug/L	46201	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	74
4			Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9
5			Difluorochloromethane	86	CHClF2	000075-45-6	4



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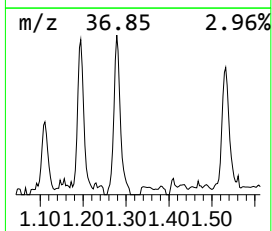
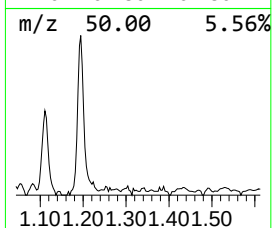
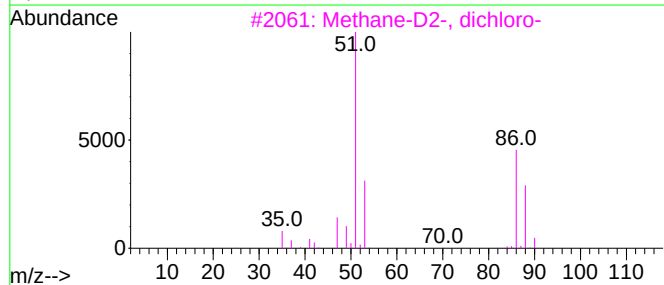
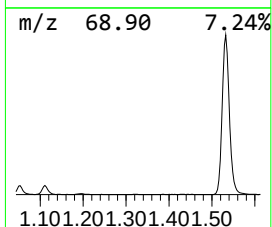
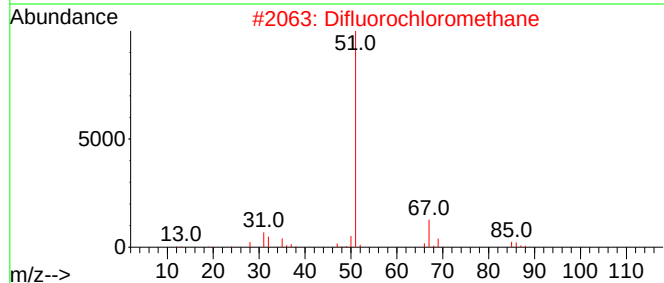
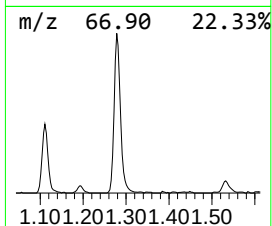
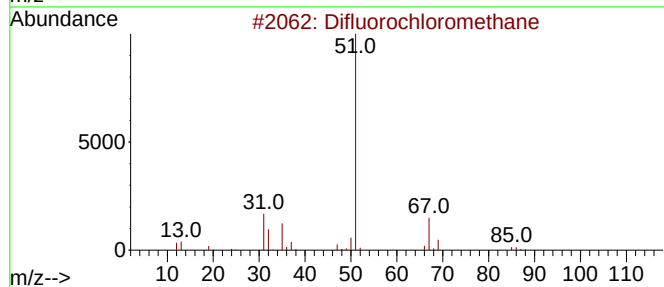
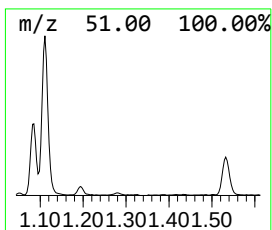
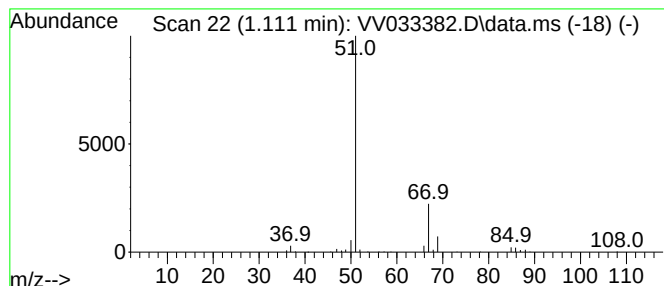
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

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	7.30 ug/L	72025	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	90
3			Methane-D2-, dichloro-	86	CD2Cl2	001665-00-5	9
4			Propiolonitrile	51	C3HN	001070-71-9	4
5			1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	4



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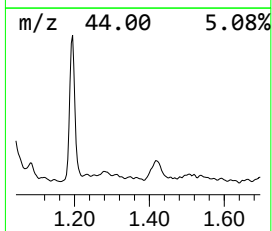
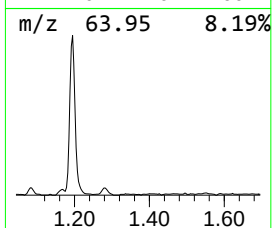
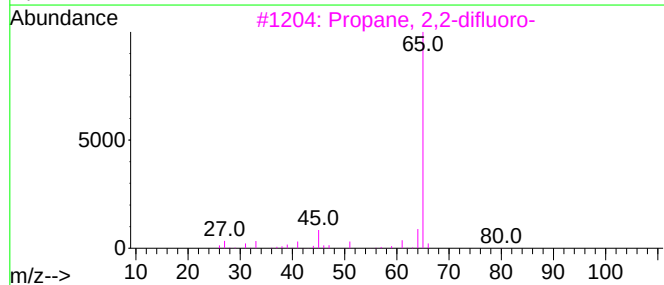
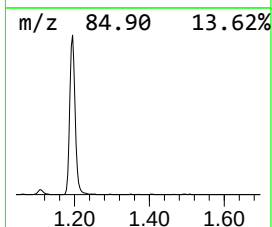
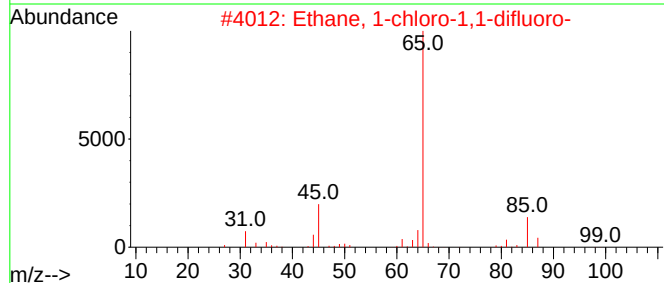
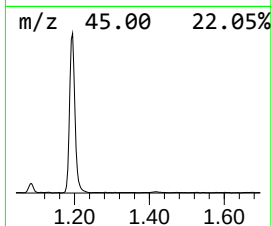
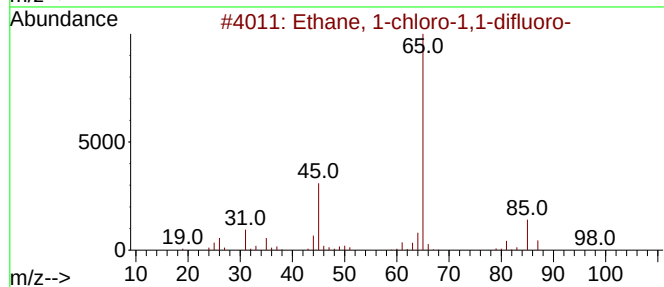
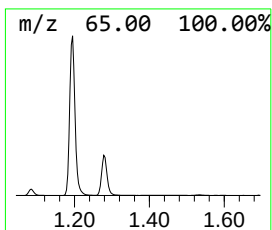
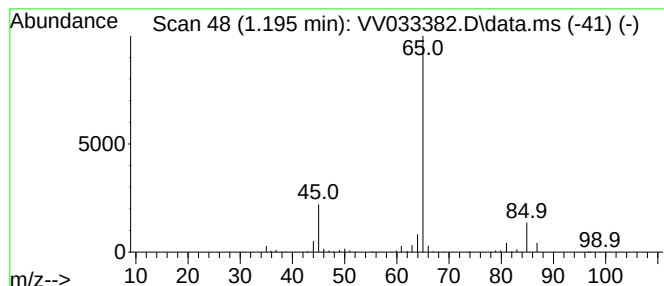
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.195	55.33 ug/L	545722	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	43
2			Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	38
3			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	9
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 : VV033382.D
Acq On : 15 Dec 2023 17:14
Operator : SY/MD
Sample : 05846-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB4

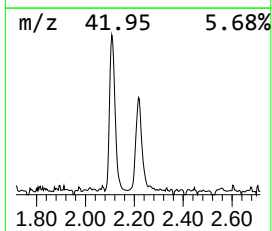
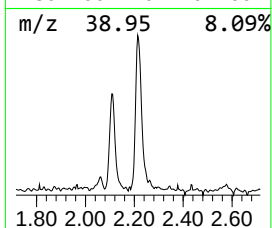
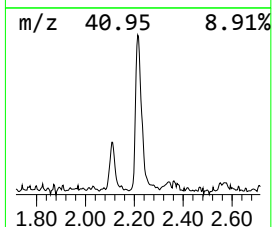
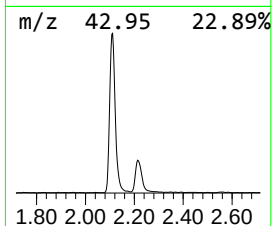
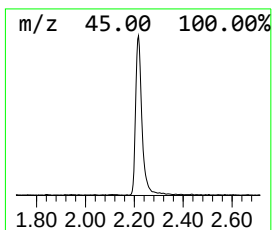
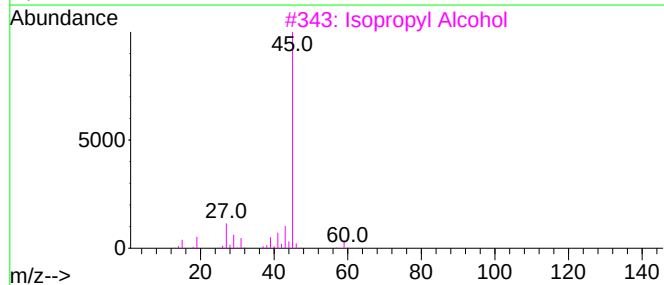
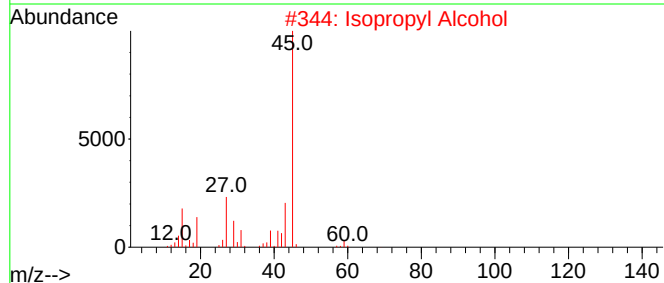
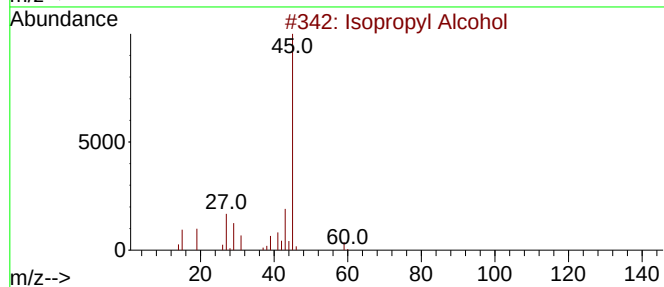
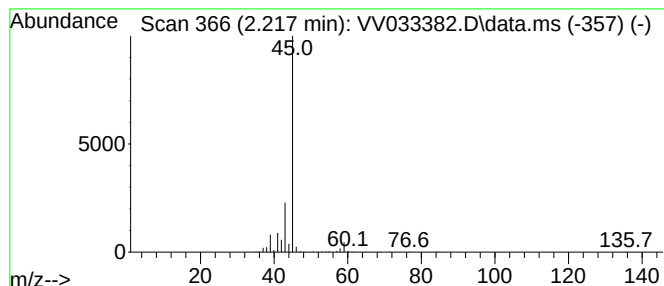
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Quant Title : VOC Analysis

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

Peak Number 4 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.217	17.98 ug/L	177362	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	72
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
Data File : VV033382.D
Acq On : 15 Dec 2023 17:14
Operator : SY/MD
Sample : 05846-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YCHB4

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-dif...	1.082	4.7	ug/L	46201	1	5.535	493154	50.0
Difluorochlorom...	1.111	7.3	ug/L	72025	1	5.535	493154	50.0
unknown-01	1.195	55.3	ug/L	545722	1	5.535	493154	50.0
Isopropyl Alcohol	2.217	18.0	ug/L	177362	1	5.535	493154	50.0