

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD076013.D
 Acq On : 04 May 2023 19:28
 Operator : KP/SY
 Sample : 02589-04
 Misc : 4.93G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREA2

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_D\Method\SFAMDLM042023SMA.M
 Title : SFAM01.0

Signal : TIC: VD076013.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	12	26	38	rBV	1027398	2000452	100.00%	18.631%
2	1.899	49	53	59	rVB	38577	53908	2.69%	0.502%
3	2.270	111	116	125	rVB	171524	252159	12.61%	2.348%
4	2.428	141	143	145	rBV	2112	1523	0.08%	0.014%
5	2.799	199	206	214	rBV	145318	269034	13.45%	2.506%
6	3.058	248	250	251	rBV2	1723	1070	0.05%	0.010%
7	3.234	277	280	284	rBV2	841	1068	0.05%	0.010%
8	3.381	302	305	308	rVB	517	544	0.03%	0.005%
9	3.411	308	310	313	rBV2	523	472	0.02%	0.004%
10	3.458	316	318	320	rBV	778	562	0.03%	0.005%
11	3.752	366	368	371	rBV3	551	440	0.02%	0.004%
12	3.822	377	380	382	rBV	842	783	0.04%	0.007%
13	3.917	385	396	408	rBV2	134167	349688	17.48%	3.257%
14	4.117	427	430	432	rBV	900	1245	0.06%	0.012%
15	4.211	441	446	448	rBV2	624	733	0.04%	0.007%
16	4.393	475	477	480	rVB	619	550	0.03%	0.005%
17	4.440	480	485	488	rBV2	642	854	0.04%	0.008%
18	4.493	491	494	496	rBV3	755	763	0.04%	0.007%
19	4.564	502	506	507	rBV2	943	857	0.04%	0.008%
20	4.687	523	527	530	rVB	866	1361	0.07%	0.013%
21	4.717	530	532	534	rBV2	696	861	0.04%	0.008%
22	4.799	537	546	556	rVV3	20965	61108	3.05%	0.569%
23	5.128	600	602	607	rVB2	673	1010	0.05%	0.009%
24	5.164	607	608	611	rBV2	537	557	0.03%	0.005%
25	5.275	624	627	628	rBV2	714	559	0.03%	0.005%
26	5.305	628	632	634	rBV	636	775	0.04%	0.007%
27	5.328	634	636	639	rVV	681	638	0.03%	0.006%
28	5.487	659	663	664	rBV2	724	1032	0.05%	0.010%
29	5.534	670	671	675	rBV2	656	569	0.03%	0.005%
30	5.581	677	679	681	rVB	824	464	0.02%	0.004%
31	5.699	696	699	700	rVB2	550	507	0.03%	0.005%
32	5.716	700	702	706	rBV2	818	1120	0.06%	0.010%
33	5.758	706	709	711	rBV2	458	495	0.02%	0.005%
34	5.828	717	721	724	rBV3	1617	3146	0.16%	0.029%
35	5.899	730	733	736	rVB	481	487	0.02%	0.005%
36	5.987	745	748	749	rBV	605	609	0.03%	0.006%

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 Title : SFAM01.0

37	6.134	769	773	775	rBV2	505	668	0.03%	0.006%
38	6.240	789	791	794	rVB	708	659	0.03%	0.006%
39	6.311	800	803	806	rVB	476	576	0.03%	0.005%
40	6.816	887	889	890	rBV	790	472	0.02%	0.004%
41	6.834	890	892	896	rBV2	409	450	0.02%	0.004%
42	6.987	907	918	928	rBV2	32553	93557	4.68%	0.871%
43	7.481	998	1002	1005	rVB2	630	1012	0.05%	0.009%
44	7.563	1005	1016	1030	rBV	230040	598853	29.94%	5.577%
45	7.763	1049	1050	1053	rVB2	731	508	0.03%	0.005%
46	7.881	1069	1070	1073	rBV2	773	728	0.04%	0.007%
47	7.993	1086	1089	1090	rBV	467	502	0.03%	0.005%
48	8.099	1105	1107	1111	rBV2	595	723	0.04%	0.007%
49	8.205	1115	1125	1142	rVV2	398242	1205348	60.25%	11.226%
50	8.428	1160	1163	1164	rBV2	461	459	0.02%	0.004%
51	8.505	1175	1176	1178	rBV	750	529	0.03%	0.005%
52	8.593	1190	1191	1193	rBV	723	464	0.02%	0.004%
53	8.775	1213	1222	1234	rBV	494804	992633	49.62%	9.245%
54	8.916	1244	1246	1249	rVB2	1378	1266	0.06%	0.012%
55	8.946	1249	1251	1254	rVB2	1074	1053	0.05%	0.010%
56	8.975	1254	1256	1259	rBV3	1191	1375	0.07%	0.013%
57	8.999	1259	1260	1261	rBV	1314	675	0.03%	0.006%
58	9.134	1281	1283	1285	rVB2	581	542	0.03%	0.005%
59	9.210	1287	1296	1307	rBV	299407	624256	31.21%	5.814%
60	9.422	1329	1332	1333	rVV	917	684	0.03%	0.006%
61	9.463	1336	1339	1341	rBV	774	653	0.03%	0.006%
62	9.534	1350	1351	1355	rVB2	636	557	0.03%	0.005%
63	9.575	1355	1358	1359	rBV	766	641	0.03%	0.006%
64	9.646	1369	1370	1376	rVB2	800	868	0.04%	0.008%
65	9.981	1419	1427	1438	rVV	118299	224053	11.20%	2.087%
66	10.105	1446	1448	1451	rBV2	1123	1141	0.06%	0.011%
67	10.269	1468	1476	1487	rBV	533674	933684	46.67%	8.696%
68	10.528	1513	1520	1530	rBV	83712	148780	7.44%	1.386%
69	10.663	1539	1543	1548	rVB4	4360	7281	0.36%	0.068%
70	10.775	1559	1562	1565	rBV2	1101	1119	0.06%	0.010%
71	10.810	1567	1568	1571	rVB3	925	557	0.03%	0.005%
72	10.881	1573	1580	1590	rVB	100537	178081	8.90%	1.659%
73	11.034	1604	1606	1611	rBV	1543	1392	0.07%	0.013%
74	11.104	1616	1618	1620	rVB2	899	666	0.03%	0.006%
75	11.404	1665	1669	1670	rVB2	746	696	0.03%	0.006%
76	11.428	1670	1673	1676	rBV2	715	790	0.04%	0.007%

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 Title : SFAM01.0

77	11.475	1680	1681	1684	rBV2	980	755	0.04%	0.007%
78	11.581	1692	1699	1713	rVB	623258	1053674	52.67%	9.813%
79	11.675	1713	1715	1720	rBV	824	1220	0.06%	0.011%
80	11.799	1734	1736	1739	rBV	833	849	0.04%	0.008%
81	11.928	1756	1758	1761	rBV2	655	618	0.03%	0.006%
82	12.087	1783	1785	1789	rBV2	897	1093	0.05%	0.010%
83	12.122	1789	1791	1794	rVB2	698	764	0.04%	0.007%
84	12.422	1839	1842	1845	rBV3	903	1442	0.07%	0.013%
85	12.581	1864	1869	1873	rBV3	6452	9702	0.48%	0.090%
86	12.651	1874	1881	1888	rVV	249958	416079	20.80%	3.875%
87	12.869	1915	1918	1919	rBV2	842	929	0.05%	0.009%
88	13.104	1956	1958	1960	rBV2	753	517	0.03%	0.005%
89	13.381	2003	2005	2008	rBV2	532	549	0.03%	0.005%
90	13.428	2009	2013	2018	rVV3	7923	12153	0.61%	0.113%
91	13.516	2021	2028	2041	rVB	371761	619049	30.95%	5.765%
92	13.816	2072	2079	2087	rBV	334197	553809	27.68%	5.158%
93	13.951	2100	2102	2104	rBV	1067	1042	0.05%	0.010%
94	14.051	2114	2119	2124	rVB2	9143	13876	0.69%	0.129%
95	14.304	2159	2162	2166	rBV3	935	1766	0.09%	0.016%
96	14.398	2176	2178	2179	rVB2	1385	624	0.03%	0.006%
97	14.692	2226	2228	2231	rVB2	1043	555	0.03%	0.005%
98	15.475	2357	2361	2362	rBV2	4699	3834	0.19%	0.036%
99	16.051	2458	2459	2460	rVB	1719	606	0.03%	0.006%
100	16.328	2504	2506	2507	rVB	1387	769	0.04%	0.007%

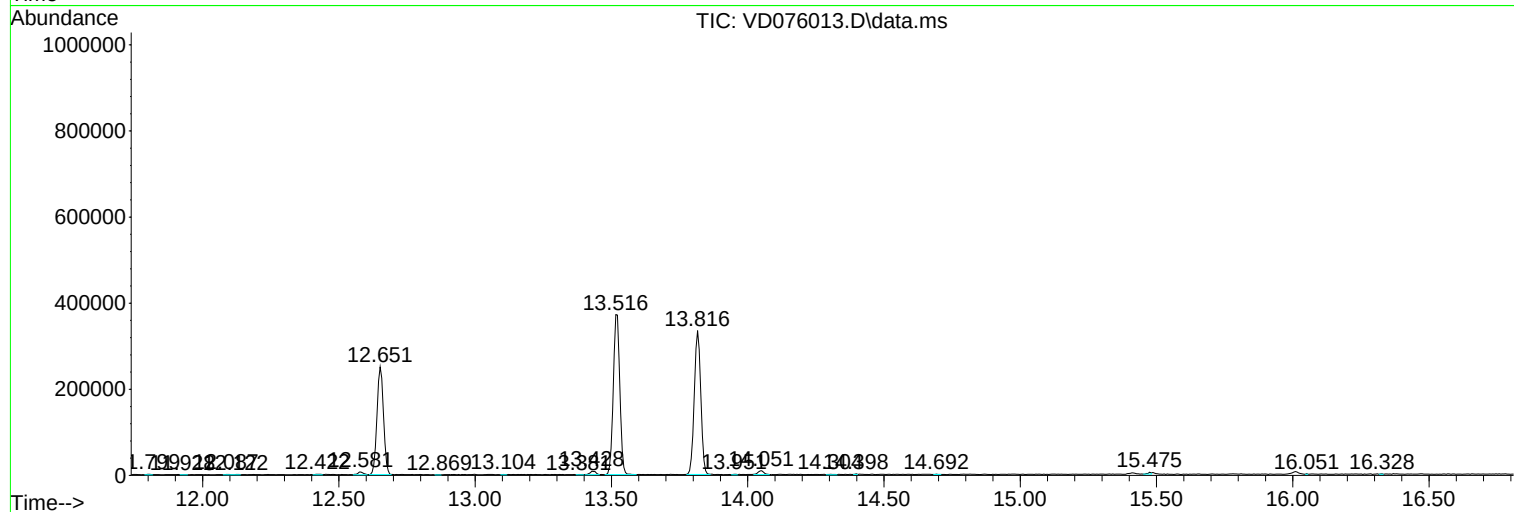
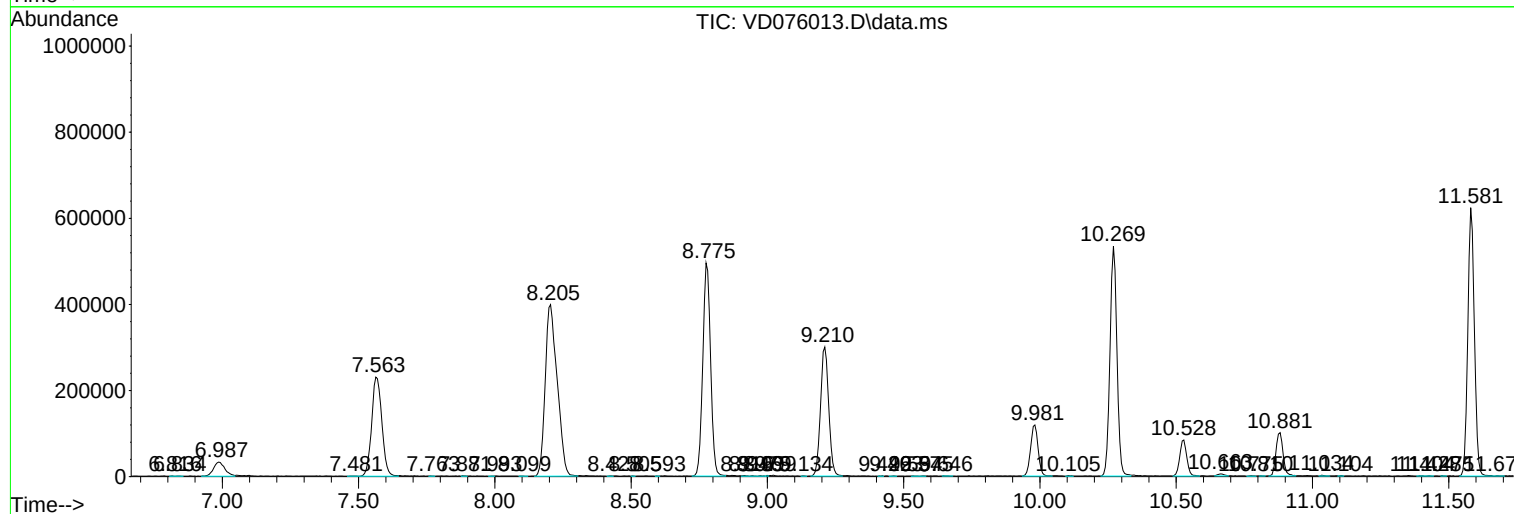
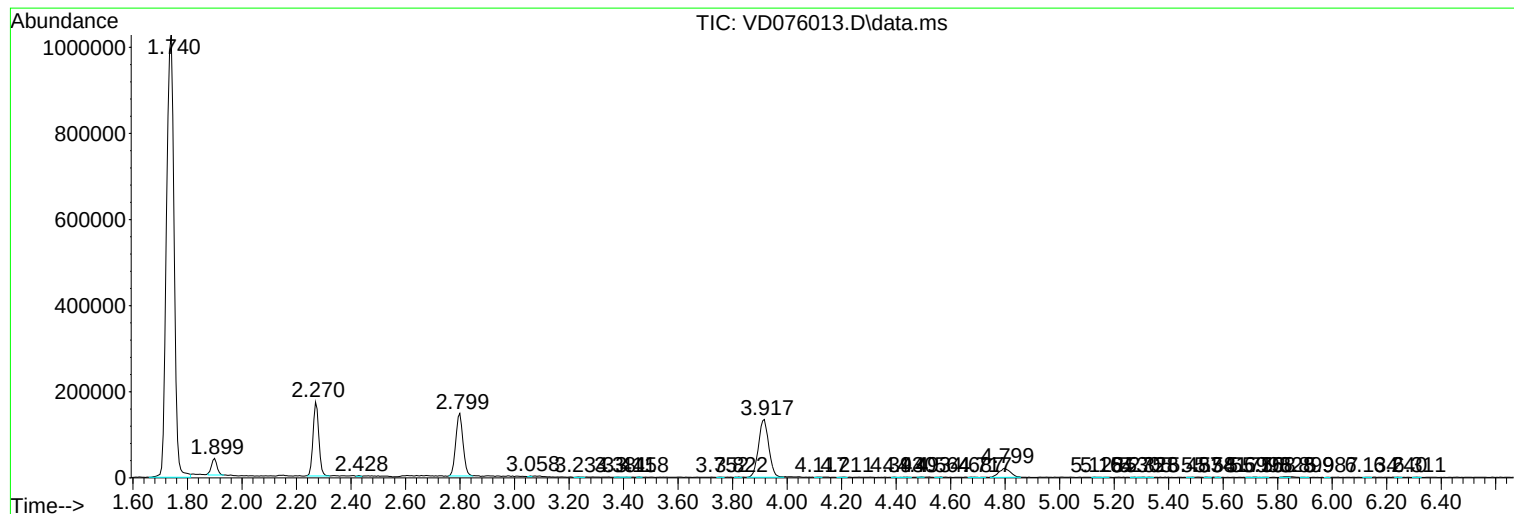
Sum of corrected areas: 10737228

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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



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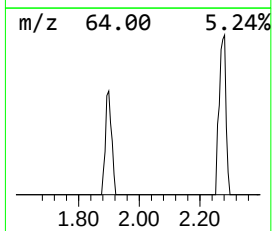
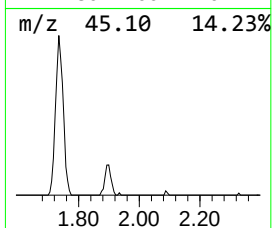
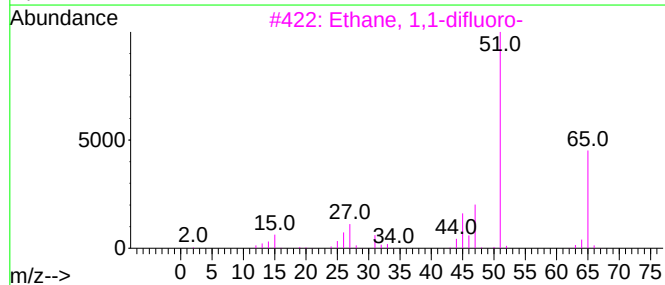
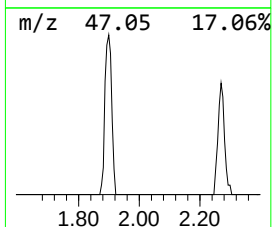
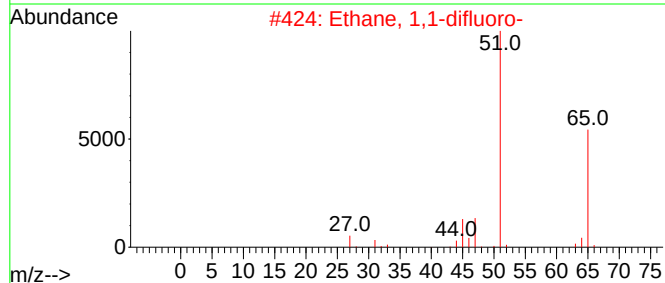
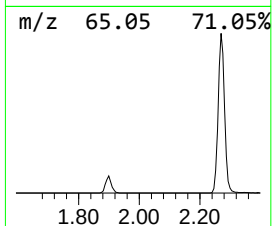
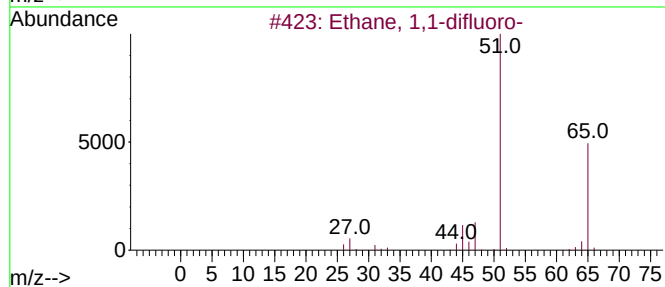
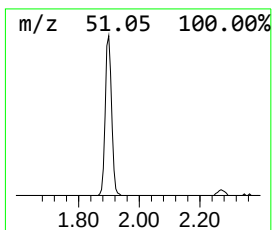
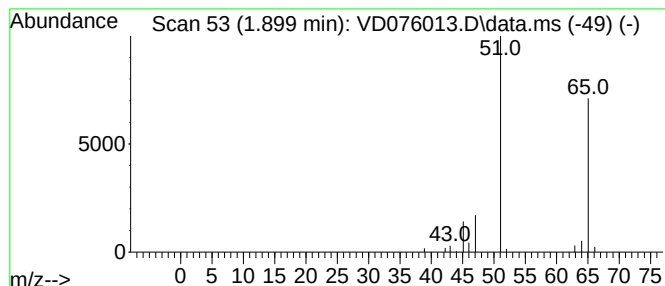
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.899	1.36 ug/L	53908	1,4-Difluorobenzene	8.775

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	83
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5			Propiolonitrile	51	C3HN	001070-71-9	3



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-dif...	1.899	1.4	ug/L	53908	1	8.775	992633	25.0