

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075872.D
 Acq On : 27 Apr 2023 20:35
 Operator : KP/SY
 Sample : 02525-11
 Misc : 6.49G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCK8

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: VD075872.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	14	26	37	rBV	618926	1213610	87.36%	9.504%
2	2.269	111	116	122	rBV	210114	299411	21.55%	2.345%
3	2.416	136	141	150	rVB	33356	53428	3.85%	0.418%
4	2.599	167	172	173	rBV3	3968	4931	0.35%	0.039%
5	2.793	199	205	214	rBV	162956	303822	21.87%	2.379%
6	3.205	273	275	278	rBV2	1024	846	0.06%	0.007%
7	3.305	291	292	296	rVB2	1077	808	0.06%	0.006%
8	3.340	296	298	300	rBV2	897	598	0.04%	0.005%
9	3.516	326	328	331	rVB	585	475	0.03%	0.004%
10	3.910	385	395	407	rBV	160754	426153	30.68%	3.337%
11	4.022	407	414	426	rVV	22504	63055	4.54%	0.494%
12	4.105	426	428	430	rVB2	977	532	0.04%	0.004%
13	4.210	444	446	448	rVB	788	532	0.04%	0.004%
14	4.246	450	452	453	rBV2	755	506	0.04%	0.004%
15	4.310	461	463	465	rVB2	759	414	0.03%	0.003%
16	4.628	515	517	521	rVB2	616	663	0.05%	0.005%
17	4.805	535	547	559	rBV4	22847	72786	5.24%	0.570%
18	4.905	562	564	567	rBV	625	436	0.03%	0.003%
19	4.940	567	570	571	rBV2	542	528	0.04%	0.004%
20	5.016	581	583	585	rBV	460	453	0.03%	0.004%
21	5.099	595	597	598	rVV	738	494	0.04%	0.004%
22	5.310	630	633	636	rBV	631	767	0.06%	0.006%
23	5.428	648	653	654	rBV	848	951	0.07%	0.007%
24	5.510	665	667	669	rVV2	878	623	0.04%	0.005%
25	5.593	677	681	683	rBV	849	1054	0.08%	0.008%
26	5.663	691	693	694	rBV	810	478	0.03%	0.004%
27	5.705	698	700	702	rBV2	733	484	0.03%	0.004%
28	5.828	717	721	724	rBV4	1979	3733	0.27%	0.029%
29	5.905	733	734	736	rBV	832	466	0.03%	0.004%
30	6.105	766	768	770	rBV2	435	454	0.03%	0.004%
31	6.228	786	789	793	rBV2	667	1013	0.07%	0.008%
32	6.422	819	822	824	rBV	841	1108	0.08%	0.009%
33	6.463	826	829	830	rBV	568	739	0.05%	0.006%
34	6.504	835	836	838	rBV2	560	506	0.04%	0.004%
35	6.540	840	842	843	rVB	786	474	0.03%	0.004%
36	6.557	843	845	848	rBV2	573	708	0.05%	0.006%

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

37	6.616	851	855	858	rBV2	698	943	0.07%	0.007%
38	6.646	858	860	862	rVB2	772	684	0.05%	0.005%
39	6.728	871	874	875	rBV2	536	457	0.03%	0.004%
40	6.763	878	880	883	rVB	704	654	0.05%	0.005%
41	6.887	898	901	904	rBV2	733	750	0.05%	0.006%
42	6.987	909	918	928	rBV	38692	109723	7.90%	0.859%
43	7.175	947	950	954	rBV2	677	796	0.06%	0.006%
44	7.322	974	975	979	rBV2	455	455	0.03%	0.004%
45	7.363	979	982	983	rBV2	569	550	0.04%	0.004%
46	7.487	1002	1003	1006	rVB2	663	554	0.04%	0.004%
47	7.569	1006	1017	1031	rBV	255672	639557	46.04%	5.009%
48	7.681	1034	1036	1037	rVB	1120	656	0.05%	0.005%
49	7.781	1051	1053	1056	rBV	491	440	0.03%	0.003%
50	7.957	1081	1083	1086	rVB	696	581	0.04%	0.005%
51	8.204	1113	1125	1142	rBV3	456567	1389131	100.00%	10.879%
52	8.487	1171	1173	1176	rBV2	468	522	0.04%	0.004%
53	8.775	1213	1222	1235	rBV	516875	1048330	75.47%	8.210%
54	9.104	1276	1278	1280	rBV	980	839	0.06%	0.007%
55	9.210	1287	1296	1307	rBV	323736	672241	48.39%	5.264%
56	9.334	1315	1317	1319	rVB2	1166	875	0.06%	0.007%
57	9.410	1329	1330	1331	rBV	808	436	0.03%	0.003%
58	9.604	1361	1363	1365	rVB	855	666	0.05%	0.005%
59	9.628	1365	1367	1369	rBV2	621	414	0.03%	0.003%
60	9.769	1390	1391	1394	rVB	853	509	0.04%	0.004%
61	9.840	1398	1403	1405	rBV2	1884	2614	0.19%	0.020%
62	9.981	1419	1427	1435	rBV	170170	314211	22.62%	2.461%
63	10.193	1462	1463	1465	rBV	949	661	0.05%	0.005%
64	10.269	1468	1476	1485	rBV	655540	1166326	83.96%	9.134%
65	10.416	1500	1501	1504	rBV2	885	618	0.04%	0.005%
66	10.457	1504	1508	1509	rBV2	1042	965	0.07%	0.008%
67	10.528	1513	1520	1531	rVV	117333	206095	14.84%	1.614%
68	10.669	1537	1544	1550	rBV3	9949	17018	1.23%	0.133%
69	10.804	1566	1567	1568	rBV	1371	537	0.04%	0.004%
70	10.881	1573	1580	1590	rVV	151153	263717	18.98%	2.065%
71	11.104	1616	1618	1621	rBV2	801	961	0.07%	0.008%
72	11.140	1622	1624	1625	rVB	957	479	0.03%	0.004%
73	11.457	1676	1678	1680	rBV2	736	568	0.04%	0.004%
74	11.581	1691	1699	1709	rBV	807889	1383312	99.58%	10.833%
75	11.787	1731	1734	1739	rBV3	1928	3042	0.22%	0.024%
76	12.051	1777	1779	1780	rBV	1945	1304	0.09%	0.010%

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 Title : SFAM01.0

77	12.275	1815	1817	1819	rBV2	735	848	0.06%	0.007%
78	12.398	1835	1838	1839	rBV2	849	889	0.06%	0.007%
79	12.487	1852	1853	1858	rVB	736	722	0.05%	0.006%
80	12.581	1858	1869	1874	rBV4	14133	34536	2.49%	0.270%
81	12.651	1874	1881	1889	rBV	331872	539257	38.82%	4.223%
82	12.716	1889	1892	1893	rBV2	2493	2254	0.16%	0.018%
83	12.904	1922	1924	1925	rBV2	1596	1279	0.09%	0.010%
84	13.039	1945	1947	1948	rBV	759	615	0.04%	0.005%
85	13.104	1957	1958	1960	rBV2	893	588	0.04%	0.005%
86	13.128	1960	1962	1963	rBV	1335	841	0.06%	0.007%
87	13.381	1997	2005	2010	rBV3	8684	14753	1.06%	0.116%
88	13.428	2011	2013	2018	rVB3	3158	3944	0.28%	0.031%
89	13.463	2018	2019	2020	rBV	1127	730	0.05%	0.006%
90	13.522	2021	2029	2036	rBV	819148	1334070	96.04%	10.447%
91	13.616	2042	2045	2053	rVB2	18914	28116	2.02%	0.220%
92	13.728	2061	2064	2065	rBV2	2557	2472	0.18%	0.019%
93	13.816	2072	2079	2092	rVB	656613	1066473	76.77%	8.352%
94	14.051	2115	2119	2123	rVB2	11069	14472	1.04%	0.113%
95	14.298	2157	2161	2164	rBV4	3201	4637	0.33%	0.036%
96	14.498	2192	2195	2200	rVB3	3009	4149	0.30%	0.032%
97	14.975	2275	2276	2279	rBV	894	730	0.05%	0.006%
98	15.380	2343	2345	2346	rBV	2024	1126	0.08%	0.009%
99	15.410	2346	2350	2356	rVV3	8491	12306	0.89%	0.096%
100	15.486	2360	2363	2368	rVB4	5121	8338	0.60%	0.065%

Sum of corrected areas: 12769375

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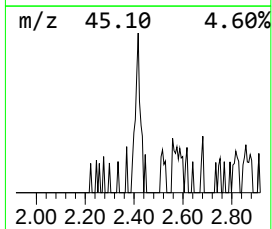
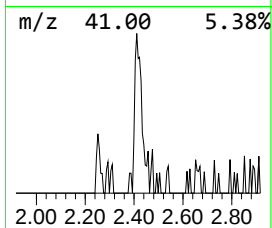
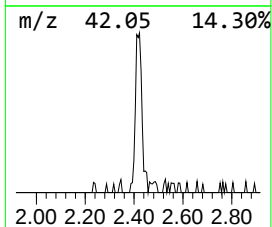
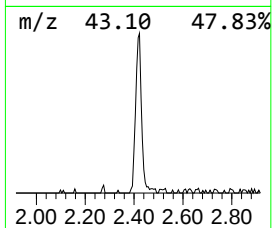
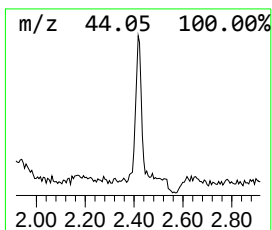
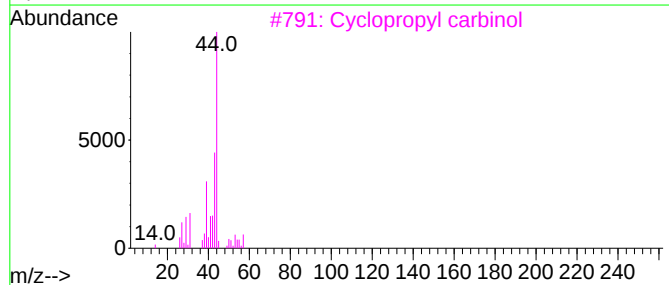
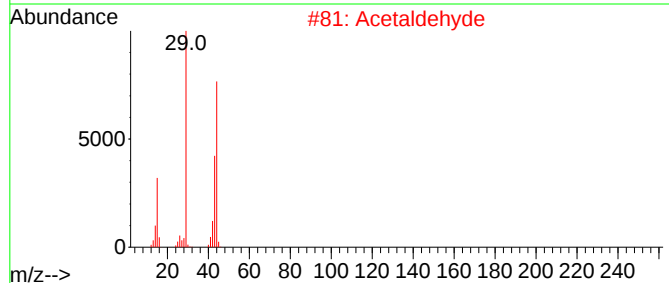
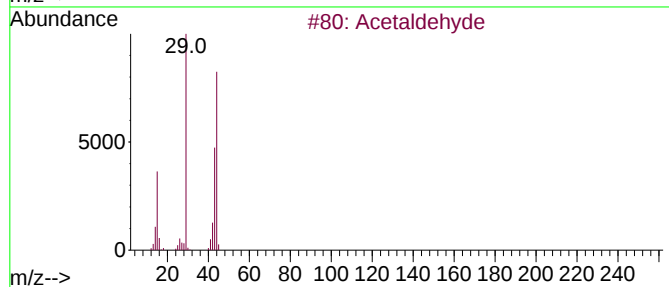
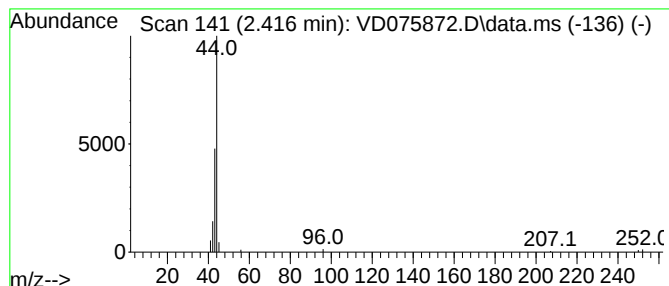
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	1.27 ug/L	53428	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	64
2			Acetaldehyde	44	C2H4O	000075-07-0	64
3			Cyclopropyl carbinol	72	C4H8O	002516-33-8	9
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.416	1.3	ug/L	53428	1	8.775	1048330	25.0