

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021620.D
 Acq On : 23 Dec 2021 18:41
 Operator : SY/VA
 Sample : M5174-14
 Misc : 3.96g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC23

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_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.172	41	44	53	rVB	8849	11823	3.69%	0.436%
2	2.349	68	73	82	rVB2	35266	58392	18.25%	2.152%
3	2.879	154	160	172	rVB	17720	35809	11.19%	1.320%
4	3.019	178	183	194	rVB	9049	19478	6.09%	0.718%
5	3.385	236	243	252	rVB2	2758	6159	1.92%	0.227%
6	4.013	335	346	361	rBV	34492	97717	30.54%	3.602%
7	4.110	361	362	363	rBV	233	119	0.04%	0.004%
8	4.263	380	387	394	rBV	565	1352	0.42%	0.050%
9	4.623	442	446	448	rBV	88	120	0.04%	0.004%
10	4.921	483	495	511	rVV6	5008	18045	5.64%	0.665%
11	5.421	567	577	587	rBB5	4275	13014	4.07%	0.480%
12	5.531	593	595	598	rBB	119	125	0.04%	0.005%
13	5.939	651	662	672	rBV3	2304	6817	2.13%	0.251%
14	6.287	715	719	721	rBB3	128	159	0.05%	0.006%
15	6.427	739	742	745	rBB	103	128	0.04%	0.005%
16	6.683	781	784	787	rBB	76	116	0.04%	0.004%
17	6.951	825	828	829	rBV	248	211	0.07%	0.008%
18	6.976	829	832	834	rBV2	713	912	0.28%	0.034%
19	7.086	840	850	857	rBV	9626	26535	8.29%	0.978%
20	7.171	858	864	874	rVV	11822	31314	9.79%	1.154%
21	7.256	874	878	887	rVB	828	1938	0.61%	0.071%
22	7.372	893	897	898	rBB	152	133	0.04%	0.005%
23	7.494	915	917	920	rBV	118	143	0.04%	0.005%
24	7.646	933	942	954	rVB	58338	142475	44.52%	5.252%
25	7.933	981	989	990	rBV3	953	1780	0.56%	0.066%
26	8.037	1002	1006	1010	rVB2	273	371	0.12%	0.014%
27	8.085	1011	1014	1017	rBV	122	157	0.05%	0.006%
28	8.159	1021	1026	1030	rVB2	821	1466	0.46%	0.054%
29	8.274	1035	1045	1061	rBV2	104388	320004	100.00%	11.796%
30	8.573	1092	1094	1097	rVB2	259	246	0.08%	0.009%
31	8.695	1108	1114	1121	rVB3	1213	2230	0.70%	0.082%
32	8.841	1130	1138	1149	rBV	116109	230850	72.14%	8.509%
33	9.091	1172	1179	1189	rVB	22755	44716	13.97%	1.648%
34	9.274	1201	1209	1216	rBV	75266	152022	47.51%	5.604%
35	9.408	1228	1231	1234	rBB	89	124	0.04%	0.005%
36	9.518	1247	1249	1252	rBB	250	247	0.08%	0.009%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	9.610	1259	1264	1267	rVB	151	269	0.08%	0.010%
38	9.658	1270	1272	1277	rBB	184	293	0.09%	0.011%
39	9.957	1316	1321	1324	rBB2	410	547	0.17%	0.020%
40	10.036	1327	1334	1342	rBV	39925	71018	22.19%	2.618%
41	10.091	1342	1343	1348	rVB	455	496	0.15%	0.018%
42	10.323	1373	1381	1388	rBV	156953	272681	85.21%	10.051%
43	10.390	1388	1392	1398	rVV	8387	14351	4.48%	0.529%
44	10.439	1398	1400	1405	rVB	201	275	0.09%	0.010%
45	10.506	1405	1411	1415	rBB2	1155	1862	0.58%	0.069%
46	10.579	1416	1423	1430	rBV	25422	42878	13.40%	1.581%
47	10.664	1434	1437	1439	rBV2	480	500	0.16%	0.018%
48	10.701	1440	1443	1450	rVB3	628	1065	0.33%	0.039%
49	10.762	1450	1453	1456	rBB3	119	143	0.04%	0.005%
50	10.859	1463	1469	1475	rBV	20884	36621	11.44%	1.350%
51	10.926	1475	1480	1489	rVB	41199	68339	21.36%	2.519%
52	11.170	1515	1520	1526	rBV3	581	964	0.30%	0.036%
53	11.231	1526	1530	1533	rVV	365	450	0.14%	0.017%
54	11.280	1536	1538	1540	rVB	203	148	0.05%	0.005%
55	11.323	1540	1545	1548	rBV	107	246	0.08%	0.009%
56	11.408	1557	1559	1561	rBV	226	250	0.08%	0.009%
57	11.432	1561	1563	1565	rVB	185	165	0.05%	0.006%
58	11.518	1574	1577	1580	rVB2	97	121	0.04%	0.004%
59	11.627	1588	1595	1606	rVB	169484	289202	90.37%	10.660%
60	11.731	1606	1612	1618	rVB	8297	12820	4.01%	0.473%
61	11.835	1624	1629	1636	rBV3	2481	4590	1.43%	0.169%
62	11.914	1639	1642	1645	rVB	197	191	0.06%	0.007%
63	12.164	1675	1683	1688	rVB2	985	1966	0.61%	0.072%
64	12.469	1725	1733	1736	rBV2	360	654	0.20%	0.024%
65	12.603	1750	1755	1761	rVV2	1450	2331	0.73%	0.086%
66	12.688	1763	1769	1778	rVV	68349	112517	35.16%	4.148%
67	12.798	1782	1787	1792	rBB3	632	953	0.30%	0.035%
68	12.865	1795	1798	1802	rBV2	400	696	0.22%	0.026%
69	12.902	1802	1804	1806	rVB2	351	312	0.10%	0.012%
70	12.944	1806	1811	1816	rBV2	561	1114	0.35%	0.041%
71	13.097	1833	1836	1837	rBV	322	318	0.10%	0.012%
72	13.194	1848	1852	1854	rVV	195	253	0.08%	0.009%
73	13.249	1857	1861	1867	rVB2	1507	2505	0.78%	0.092%
74	13.377	1879	1882	1883	rBV	191	193	0.06%	0.007%
75	13.402	1884	1886	1892	rVB	396	470	0.15%	0.017%
76	13.469	1892	1897	1899	rBV	252	323	0.10%	0.012%

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 Title : SFAM01.0

77	13.493	1899	1901	1905	rVB3	284	333	0.10%	0.012%
78	13.554	1905	1911	1921	rBV	188126	300062	93.77%	11.061%
79	13.755	1940	1944	1946	rBV2	249	256	0.08%	0.009%
80	13.853	1952	1960	1968	rBV	141677	232884	72.78%	8.584%
81	13.962	1976	1978	1981	rBB	109	127	0.04%	0.005%
82	14.066	1989	1995	1999	rBV2	1061	1721	0.54%	0.063%
83	14.316	2032	2036	2039	rBV	232	378	0.12%	0.014%
84	14.462	2055	2060	2062	rVB	148	249	0.08%	0.009%
85	14.493	2062	2065	2067	rBV	123	177	0.06%	0.007%
86	14.517	2067	2069	2073	rBV3	398	461	0.14%	0.017%
87	14.554	2073	2075	2078	rVB	134	177	0.06%	0.007%
88	14.603	2080	2083	2084	rVB	144	123	0.04%	0.005%
89	14.621	2084	2086	2089	rBV	322	409	0.13%	0.015%
90	14.785	2107	2113	2114	rBV3	302	414	0.13%	0.015%
91	14.834	2120	2121	2125	rVB2	122	124	0.04%	0.005%
92	15.133	2166	2170	2172	rVB3	231	320	0.10%	0.012%
93	15.365	2203	2208	2212	rVB2	511	913	0.29%	0.034%
94	15.547	2232	2238	2239	rBV2	227	371	0.12%	0.014%
95	15.590	2243	2245	2246	rBV	144	142	0.04%	0.005%
96	15.791	2275	2278	2280	rVV3	292	267	0.08%	0.010%
97	15.877	2291	2292	2295	rBV	175	157	0.05%	0.006%
98	16.468	2387	2389	2391	rBV	173	162	0.05%	0.006%
99	16.694	2425	2426	2429	rVB	170	138	0.04%	0.005%
100	16.730	2429	2432	2434	rBB	147	152	0.05%	0.006%

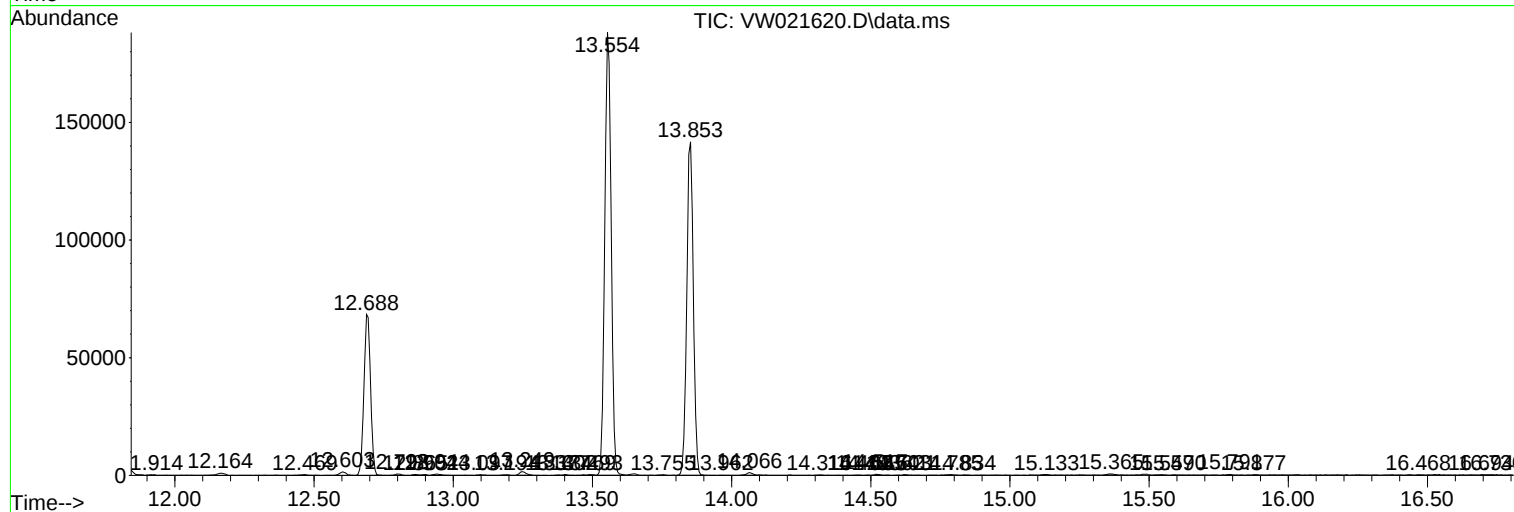
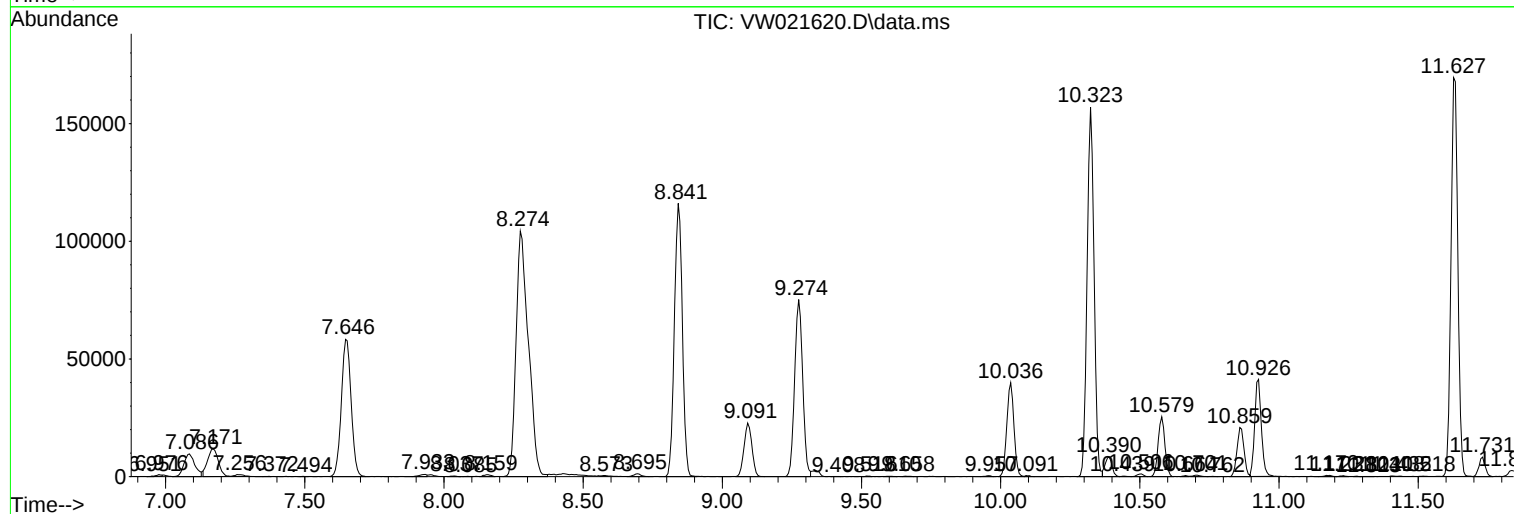
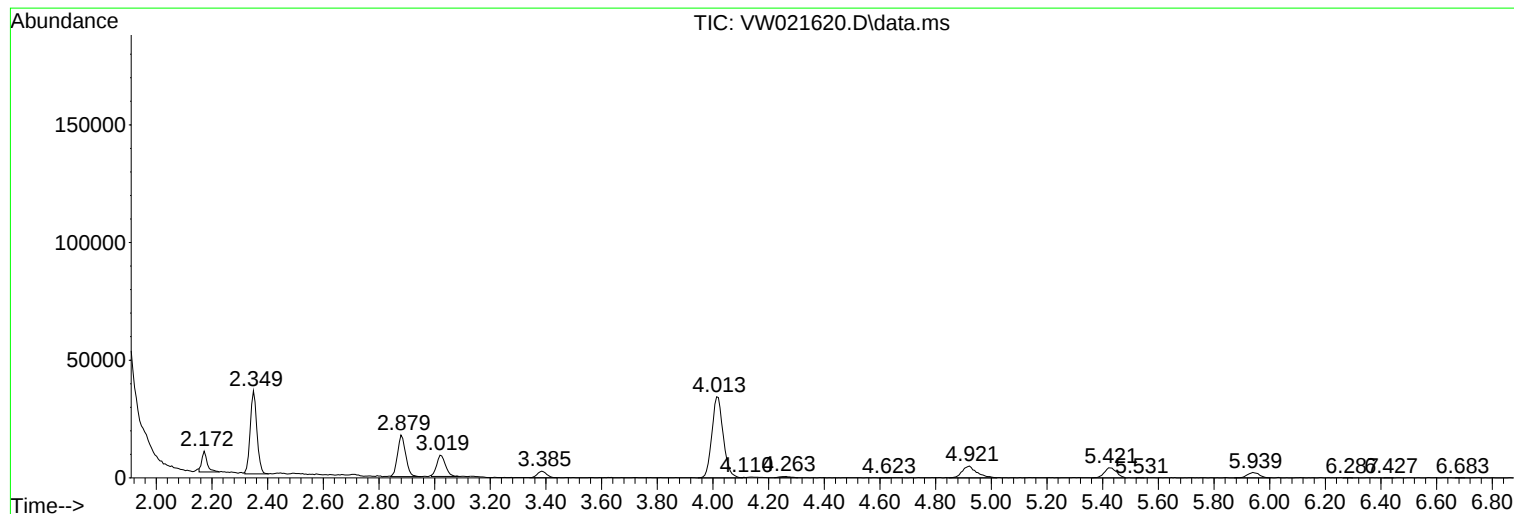
Sum of corrected areas: 2712854

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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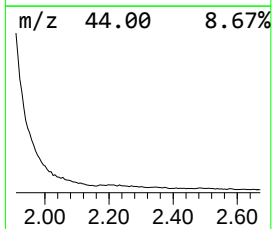
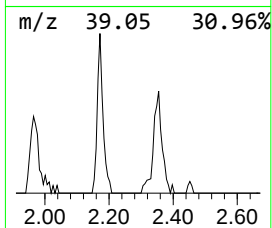
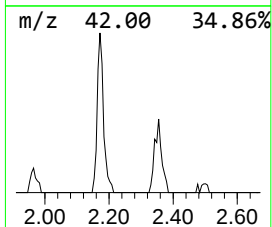
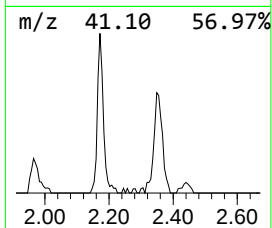
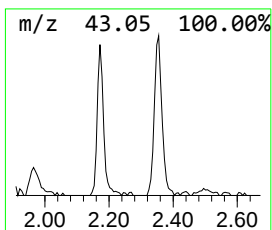
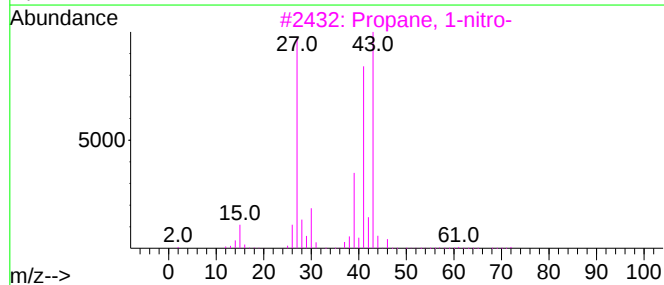
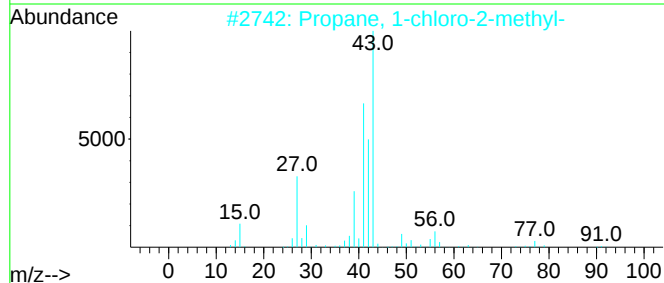
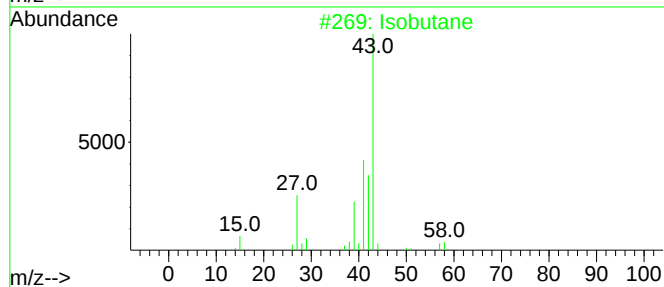
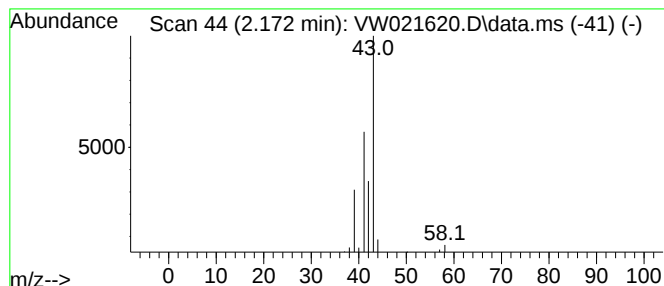
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.172	1.28 ug/L	11823	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	64
2		Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	9
3		Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
4		5-Methyloxazolidine	87	C4H9NO	058328-22-6	9
5		Isobutane	58	C4H10	000075-28-5	7



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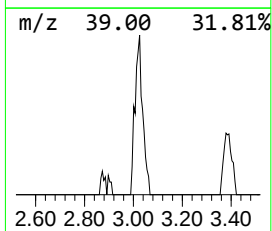
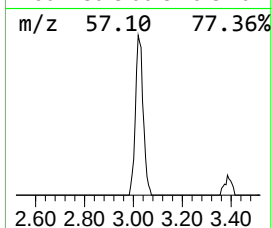
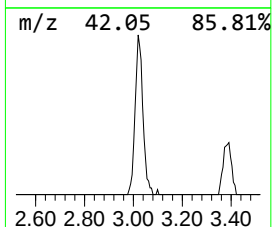
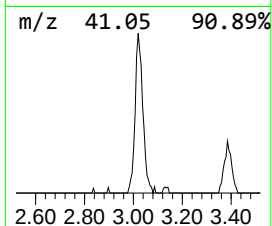
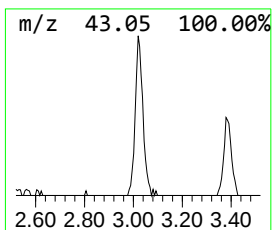
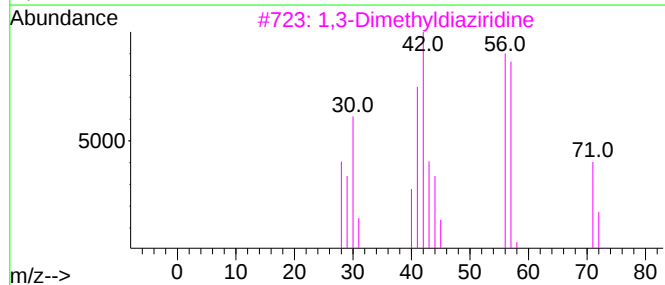
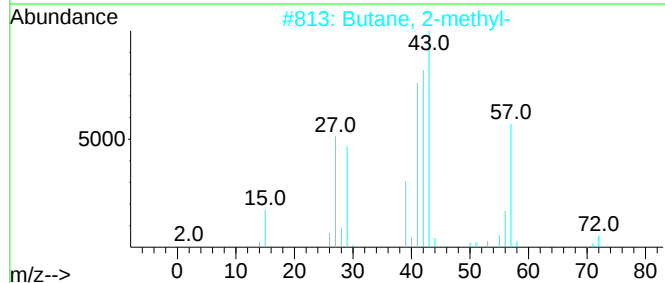
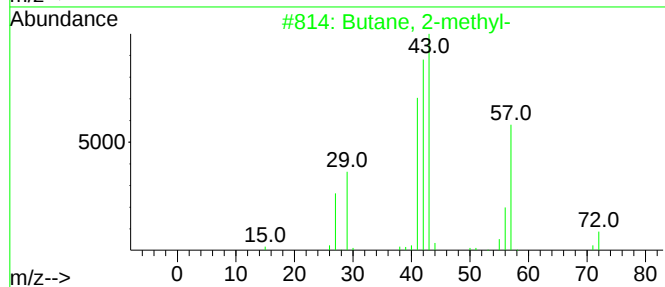
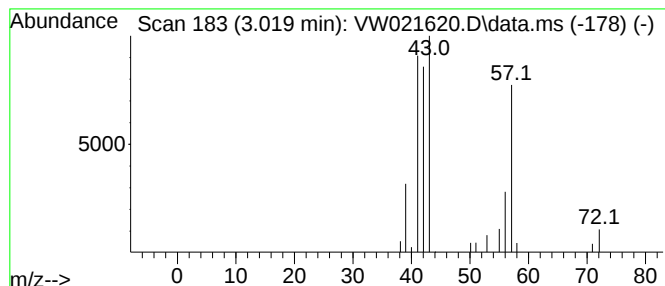
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Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.019	2.11 ug/L	19478	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33
4		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	9



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.172	1.3	ug/L	11823	1	8.841	230850	25.0
(DEL) Alkane: S...	3.019	2.1	ug/L	19478	1	8.841	230850	25.0