

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022016.D
 Acq On : 01 Feb 2022 21:08
 Operator : SY/VA
 Sample : N1353-02
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE3

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\SFAMWLM020122SMA.M
 Title : SFAM01.0

Signal : TIC: VW022016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.227	47	53	54	rBV3	598	1179	0.01%	0.006%
2	2.355	64	74	82	rBV	43123	85567	0.87%	0.430%
3	2.501	93	98	104	rBV5	1449	2418	0.02%	0.012%
4	2.745	136	138	141	rVV4	704	751	0.01%	0.004%
5	2.885	154	161	173	rVB	25910	53055	0.54%	0.267%
6	3.087	193	194	196	rBV2	646	551	0.01%	0.003%
7	3.617	269	281	283	rBV3	3463	9307	0.09%	0.047%
8	3.904	322	328	331	rBV	251	436	0.00%	0.002%
9	4.019	336	347	356	rBV2	55151	152489	1.54%	0.766%
10	4.135	356	366	381	rVB	308996	907039	9.18%	4.558%
11	4.446	402	417	450	rVV	312369	1534284	15.52%	7.710%
12	4.916	488	494	503	rVV6	1800	5378	0.05%	0.027%
13	5.129	526	529	530	rBV3	502	587	0.01%	0.003%
14	5.196	530	540	541	rBV6	12611	26669	0.27%	0.134%
15	5.342	562	564	569	rVB3	612	567	0.01%	0.003%
16	5.391	569	572	576	rBV4	626	1036	0.01%	0.005%
17	5.793	634	638	640	rBV3	435	663	0.01%	0.003%
18	5.934	657	661	662	rBV2	538	579	0.01%	0.003%
19	5.952	662	664	668	rVV3	470	547	0.01%	0.003%
20	6.470	746	749	751	rBV2	391	509	0.01%	0.003%
21	6.897	810	819	830	rBV3	4323	12652	0.13%	0.064%
22	7.092	842	851	855	rBV2	8709	24486	0.25%	0.123%
23	7.171	855	864	882	rVB	177530	486504	4.92%	2.445%
24	7.513	908	920	934	rBV	181349	522556	5.29%	2.626%
25	7.647	934	942	955	rVB	70179	179902	1.82%	0.904%
26	8.281	1035	1046	1059	rBV3	203101	573920	5.81%	2.884%
27	8.695	1110	1114	1116	rBV4	480	742	0.01%	0.004%
28	8.842	1127	1138	1148	rBV	176102	341813	3.46%	1.718%
29	8.951	1153	1156	1159	rBV2	477	488	0.00%	0.002%
30	9.037	1159	1170	1180	rBV	450323	957194	9.68%	4.810%
31	9.281	1202	1210	1228	rVB	419882	826905	8.37%	4.155%
32	9.598	1255	1262	1278	rBV	30440	62630	0.63%	0.315%
33	9.957	1316	1321	1325	rBV6	1018	2239	0.02%	0.011%
34	10.037	1327	1334	1341	rVB	50850	90223	0.91%	0.453%
35	10.213	1353	1363	1374	rBV	6187150	9884331	100.00%	49.670%
36	10.323	1375	1381	1388	rVV	230262	419362	4.24%	2.107%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Title : SFAM01.0

37	10.390	1388	1392	1401	rVB	24321	43208	0.44%	0.217%
38	10.506	1406	1411	1415	rBV4	3293	5099	0.05%	0.026%
39	10.573	1415	1422	1433	rBV2	204641	355695	3.60%	1.787%
40	10.701	1439	1443	1448	rVB2	9836	16612	0.17%	0.083%
41	10.841	1463	1466	1471	rVB4	977	1452	0.01%	0.007%
42	10.927	1474	1480	1495	rVB	39868	70330	0.71%	0.353%
43	11.067	1495	1503	1513	rBV5	12680	26298	0.27%	0.132%
44	11.177	1519	1521	1526	rVB4	1583	1930	0.02%	0.010%
45	11.231	1526	1530	1534	rBV5	966	1496	0.02%	0.008%
46	11.341	1543	1548	1552	rVB5	1164	1811	0.02%	0.009%
47	11.433	1554	1563	1571	rVB3	8334	19585	0.20%	0.098%
48	11.506	1571	1575	1580	rBV4	1918	3085	0.03%	0.016%
49	11.567	1582	1585	1587	rBV2	1162	1321	0.01%	0.007%
50	11.628	1587	1595	1605	rVV	241252	428298	4.33%	2.152%
51	11.731	1605	1612	1616	rVV	27597	48129	0.49%	0.242%
52	11.774	1616	1619	1623	rVV	7007	11234	0.11%	0.056%
53	11.835	1623	1629	1640	rVB	105510	195764	1.98%	0.984%
54	12.018	1653	1659	1666	rBV5	6044	12974	0.13%	0.065%
55	12.164	1676	1683	1689	rBV	41886	69967	0.71%	0.352%
56	12.231	1689	1694	1702	rVB	122758	182426	1.85%	0.917%
57	12.317	1702	1708	1713	rBV	12590	22058	0.22%	0.111%
58	12.457	1726	1731	1735	rBV5	3610	6600	0.07%	0.033%
59	12.603	1749	1755	1761	rVB2	56694	95379	0.96%	0.479%
60	12.689	1763	1769	1776	rVB	68727	117559	1.19%	0.591%
61	12.756	1776	1780	1784	rBV6	849	1226	0.01%	0.006%
62	12.798	1784	1787	1792	rVB3	2232	3171	0.03%	0.016%
63	12.865	1792	1798	1801	rBV	11047	18811	0.19%	0.095%
64	12.932	1805	1809	1816	rVV3	15868	30113	0.30%	0.151%
65	12.987	1816	1818	1821	rVB4	826	882	0.01%	0.004%
66	13.103	1832	1837	1843	rVB3	7587	14206	0.14%	0.071%
67	13.170	1844	1848	1849	rBV3	1256	1446	0.01%	0.007%
68	13.249	1855	1861	1865	rBV	28139	45523	0.46%	0.229%
69	13.292	1865	1868	1874	rVB3	10441	15698	0.16%	0.079%
70	13.371	1879	1881	1883	rBV3	717	749	0.01%	0.004%
71	13.402	1884	1886	1890	rBV3	937	1219	0.01%	0.006%
72	13.487	1896	1900	1902	rBV5	1309	1790	0.02%	0.009%
73	13.554	1905	1911	1923	rVV	258522	429605	4.35%	2.159%
74	13.640	1923	1925	1933	rVB3	2548	4150	0.04%	0.021%
75	13.755	1940	1944	1946	rBV4	3068	4555	0.05%	0.023%
76	13.853	1953	1960	1968	rBV	192979	326079	3.30%	1.639%

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 Title : SFAM01.0

77	14.011	1982	1986	1988	rBV4	1821	2861	0.03%	0.014%
78	14.066	1989	1995	2003	rVB	23916	44483	0.45%	0.224%
79	14.194	2013	2016	2019	rBV4	935	1350	0.01%	0.007%
80	14.298	2027	2033	2036	rBV3	1691	2980	0.03%	0.015%
81	14.414	2050	2052	2055	rVV3	923	948	0.01%	0.005%
82	14.450	2055	2058	2063	rVB4	1902	2998	0.03%	0.015%
83	14.560	2074	2076	2081	rVB2	447	459	0.00%	0.002%
84	14.627	2083	2087	2090	rBV4	609	918	0.01%	0.005%
85	14.719	2098	2102	2106	rVV2	2697	3658	0.04%	0.018%
86	14.786	2109	2113	2120	rVB6	1281	2384	0.02%	0.012%
87	14.853	2120	2124	2128	rBV7	458	685	0.01%	0.003%
88	15.133	2166	2170	2172	rVB2	827	935	0.01%	0.005%
89	15.359	2197	2207	2212	rBV4	1009	2538	0.03%	0.013%
90	15.432	2212	2219	2224	rVV2	9940	15764	0.16%	0.079%
91	15.487	2224	2228	2233	rVB2	1928	2808	0.03%	0.014%
92	15.548	2234	2238	2243	rVB4	1038	1850	0.02%	0.009%
93	15.627	2247	2251	2253	rBV4	375	421	0.00%	0.002%
94	15.682	2253	2260	2262	rBV3	600	1093	0.01%	0.005%
95	15.749	2267	2271	2275	rBV5	465	800	0.01%	0.004%
96	15.840	2284	2286	2291	rVV4	333	541	0.01%	0.003%
97	15.950	2299	2304	2309	rBV3	549	807	0.01%	0.004%
98	16.462	2384	2388	2391	rBV3	449	742	0.01%	0.004%
99	16.651	2416	2419	2422	rBV3	247	451	0.00%	0.002%
100	16.737	2431	2433	2437	rVB2	547	572	0.01%	0.003%

Sum of corrected areas: 19900137

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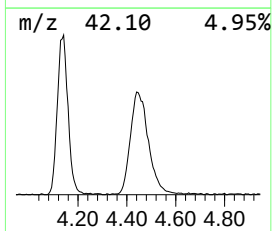
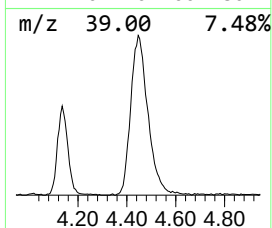
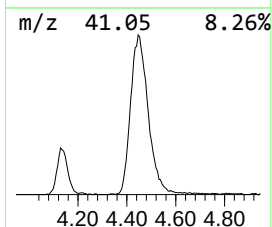
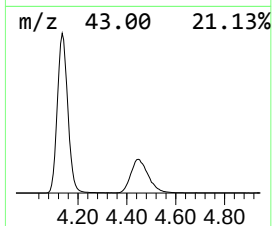
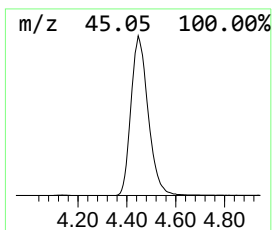
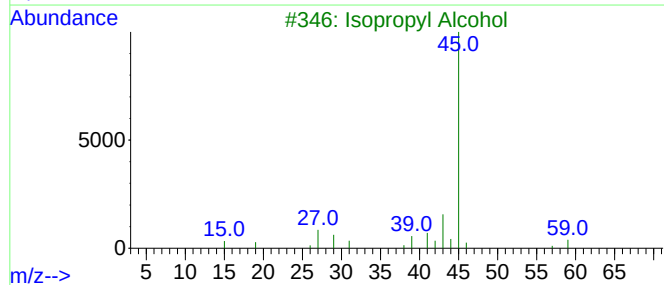
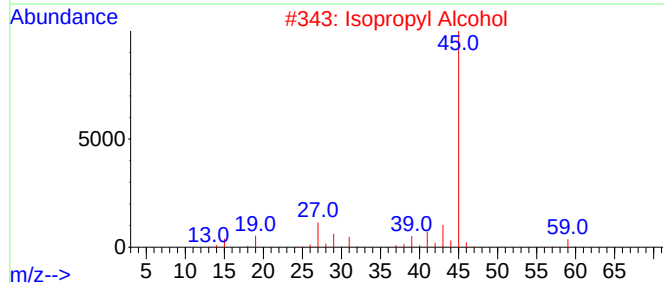
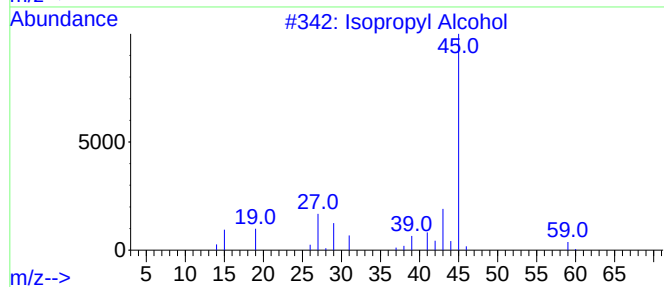
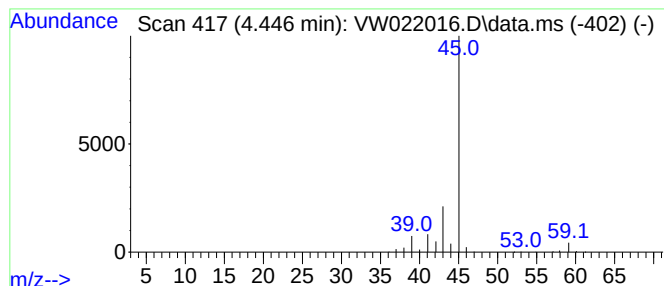
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.446	112.22 ug/L	1534280	1,4-Difluorobenzene	8.842

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			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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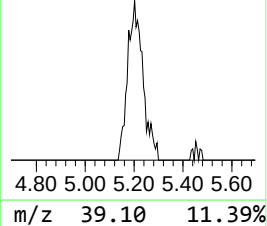
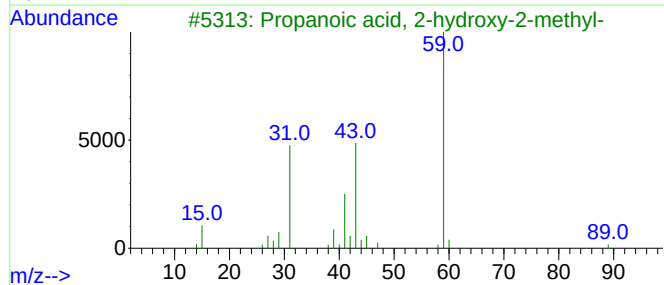
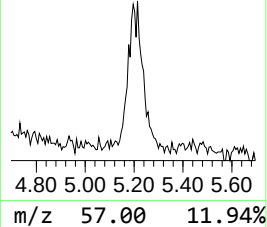
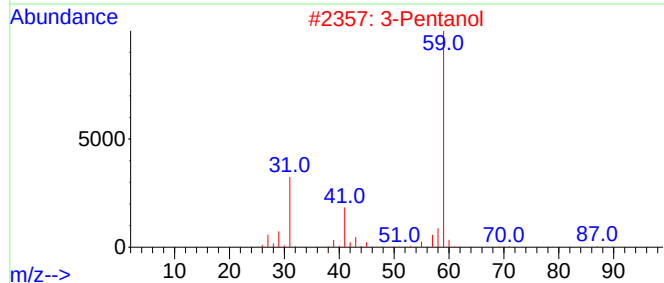
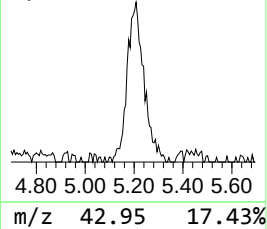
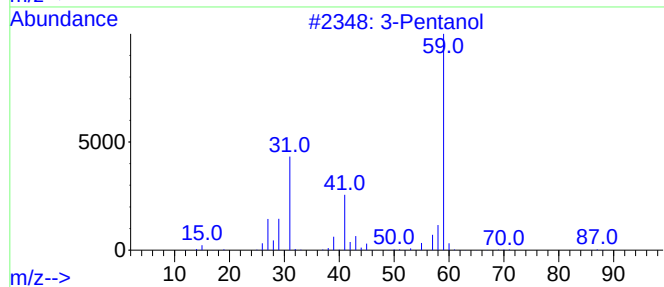
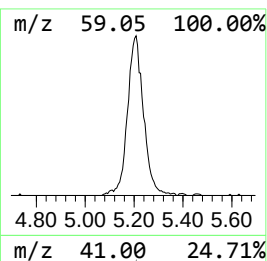
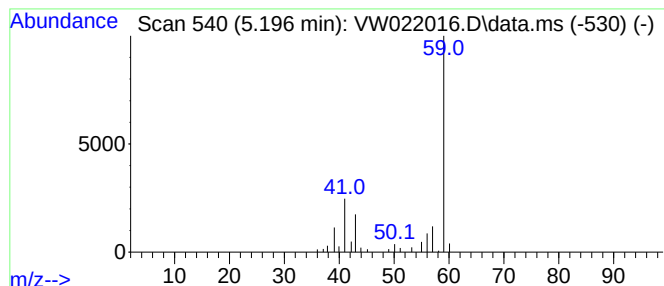
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 3-Pentanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.196	1.95 ug/L	26669	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol	88	C5H12O	000584-02-1	56
2			3-Pentanol	88	C5H12O	000584-02-1	9
3			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9
4			3-Pentanol	88	C5H12O	000584-02-1	9
5			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9



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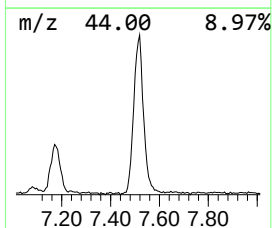
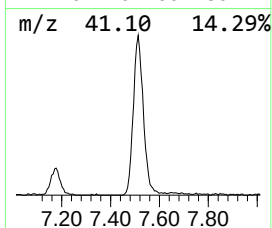
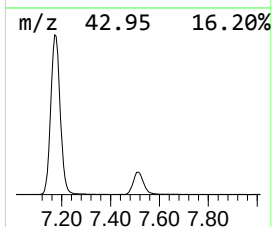
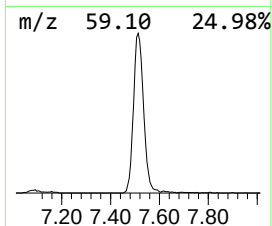
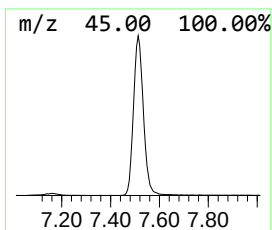
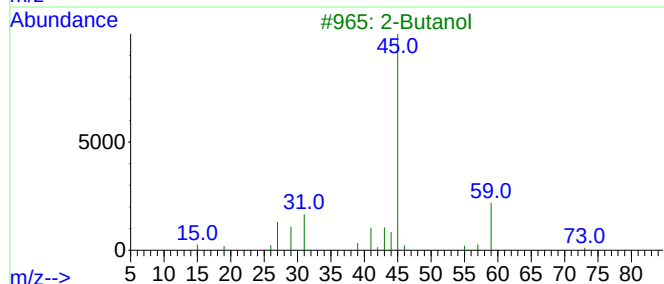
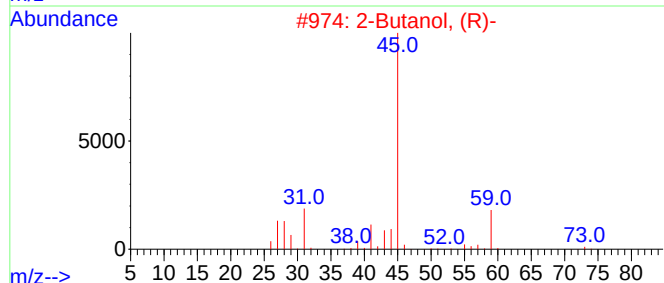
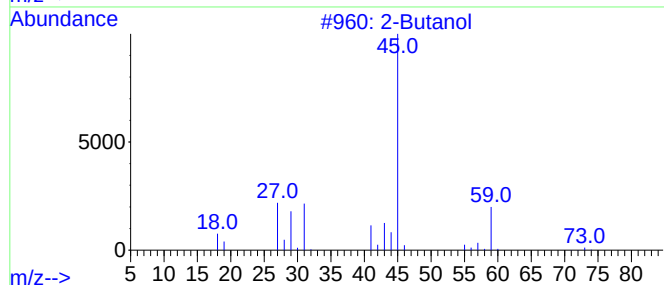
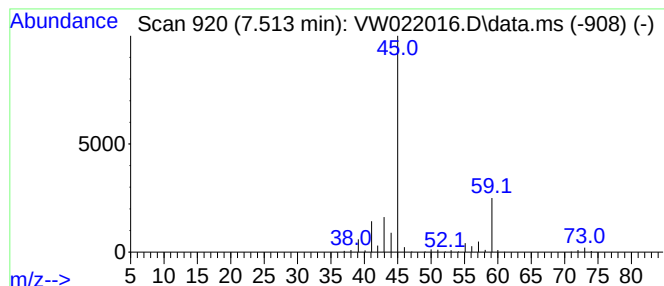
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 2-Butanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.513	38.22 ug/L	522556	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol			74	C4H10O	000078-92-2	83
2	2-Butanol, (R)-			74	C4H10O	014898-79-4	74
3	2-Butanol			74	C4H10O	000078-92-2	74
4	2-Butanol, (R)-			74	C4H10O	014898-79-4	64
5	2-Butanol			74	C4H10O	000078-92-2	64



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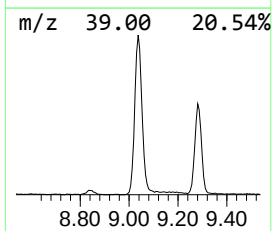
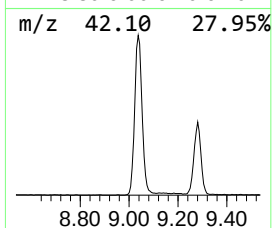
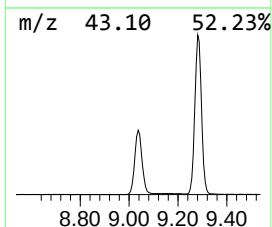
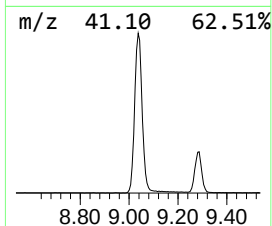
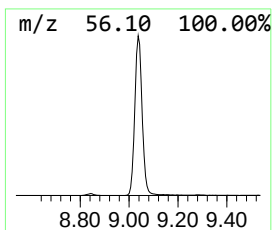
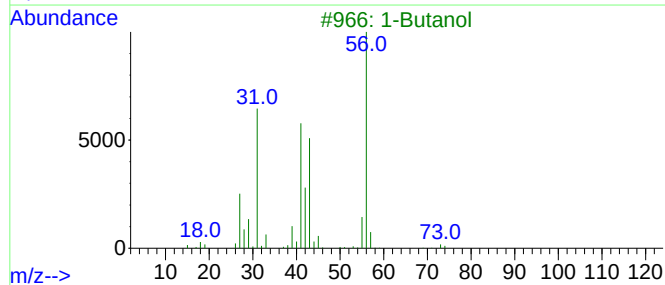
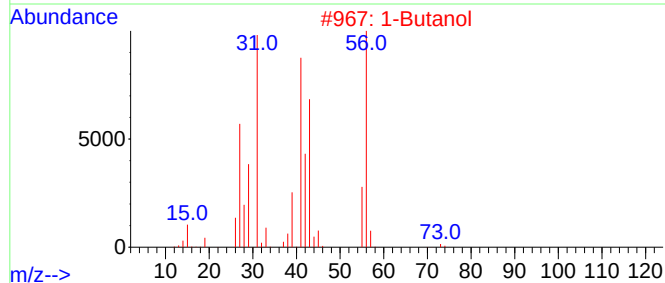
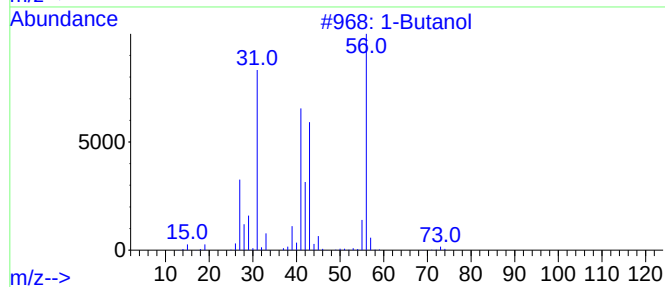
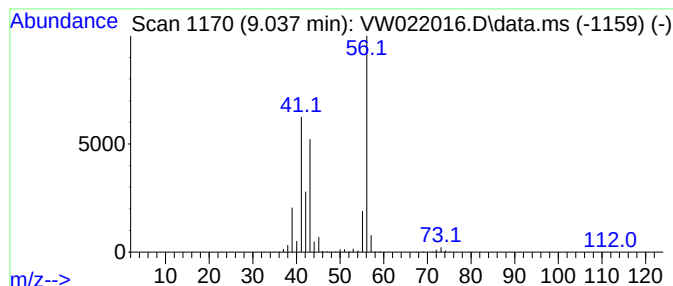
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Quant Title : SFAM01.0

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

Peak Number 4 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	70.01 ug/L	957194	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol			74	C4H10O	000071-36-3	90
2	1-Butanol			74	C4H10O	000071-36-3	86
3	1-Butanol			74	C4H10O	000071-36-3	86
4	1-Butanol			74	C4H10O	000071-36-3	80
5	1-Butanol			74	C4H10O	000071-36-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022016.D
Acq On : 01 Feb 2022 21:08
Operator : SY/VA
Sample : N1353-02
Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COVE3

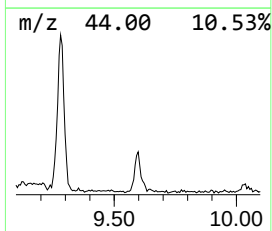
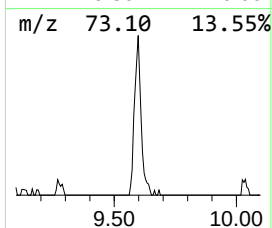
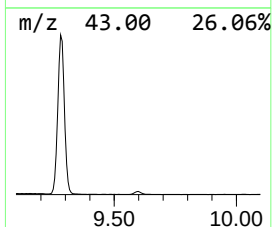
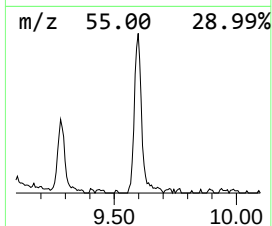
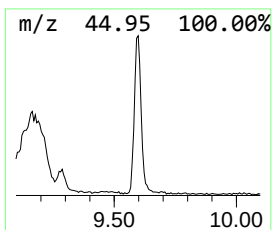
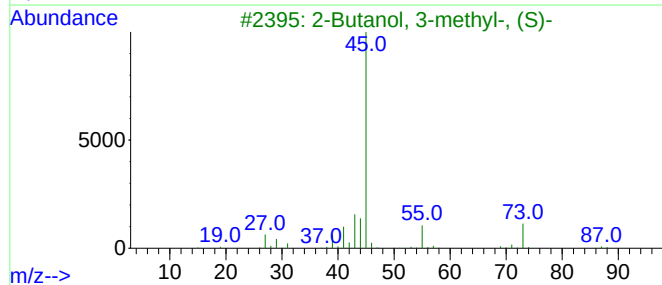
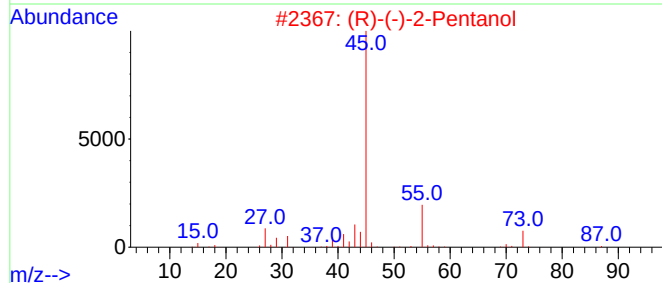
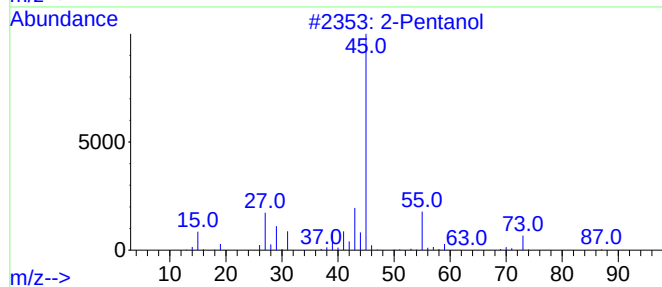
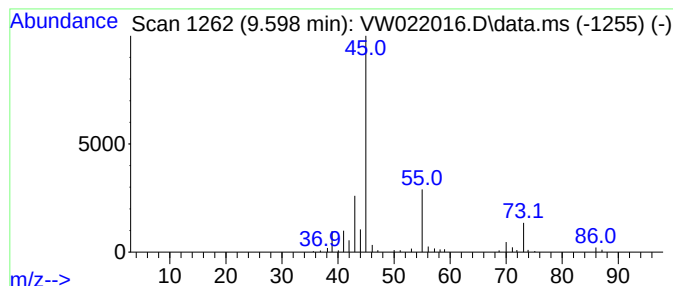
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Quant Title : SFAM01.0

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

Peak Number 5 2-Pentanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	4.58 ug/L	62630	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol	88	C5H12O	006032-29-7	78
2			(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	78
3			2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	78
4			2-Pentanol	88	C5H12O	006032-29-7	78
5			(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022016.D
Acq On : 01 Feb 2022 21:08
Operator : SY/VA
Sample : N1353-02
Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COVE3

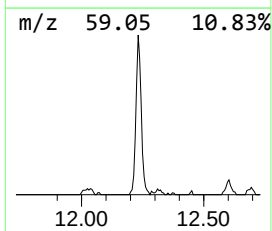
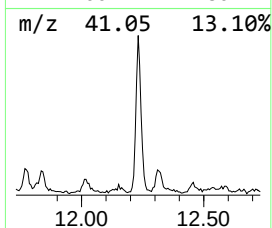
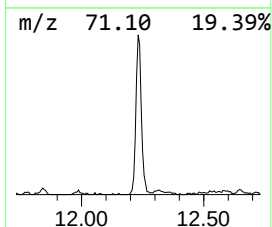
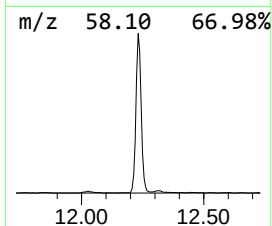
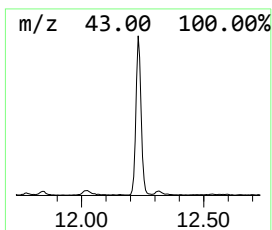
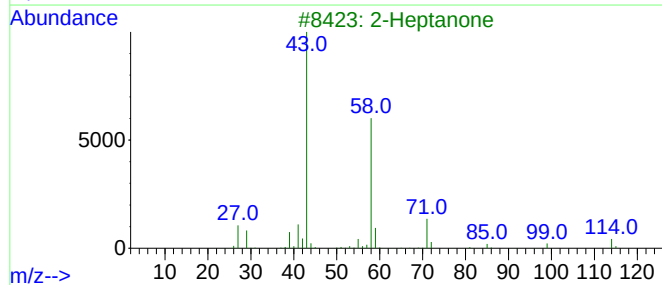
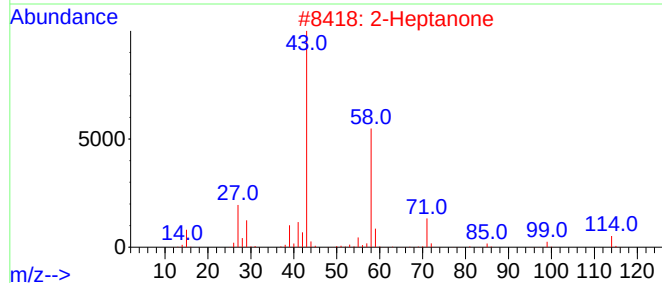
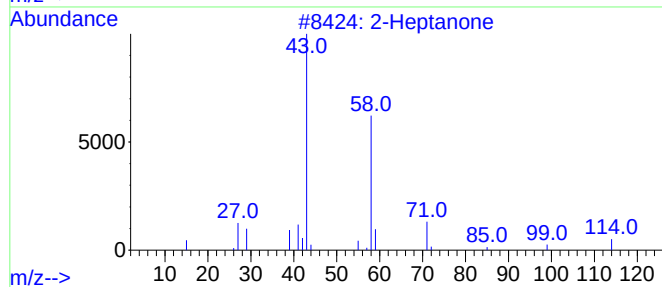
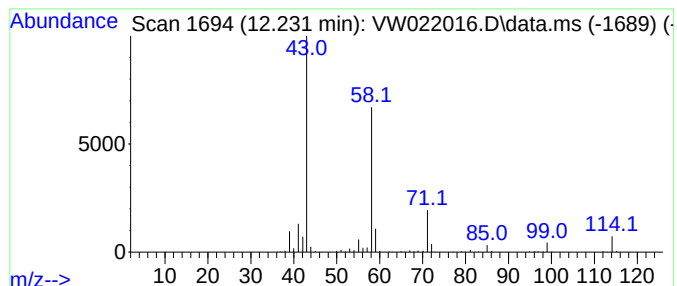
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Quant Title : SFAM01.0

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

Peak Number 8 2-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.231	10.65 ug/L	182426	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone			114	C7H14O	000110-43-0	91
2	2-Heptanone			114	C7H14O	000110-43-0	91
3	2-Heptanone			114	C7H14O	000110-43-0	91
4	2-Heptanone			114	C7H14O	000110-43-0	91
5	2-Heptanone			114	C7H14O	000110-43-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022016.D
Acq On : 01 Feb 2022 21:08
Operator : SY/VA
Sample : N1353-02
Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COVE3

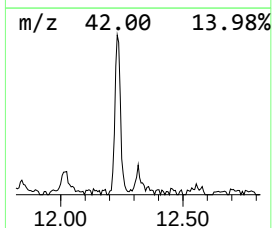
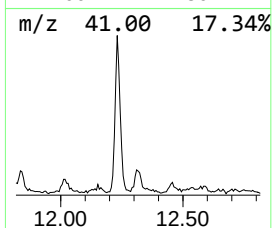
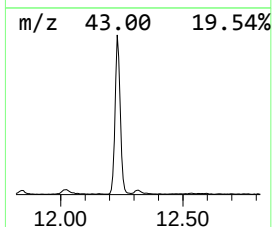
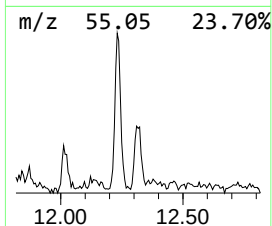
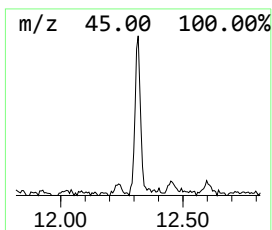
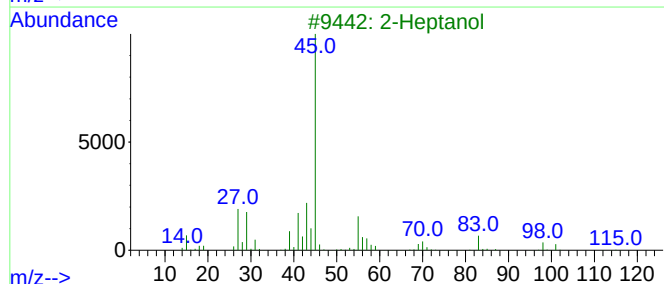
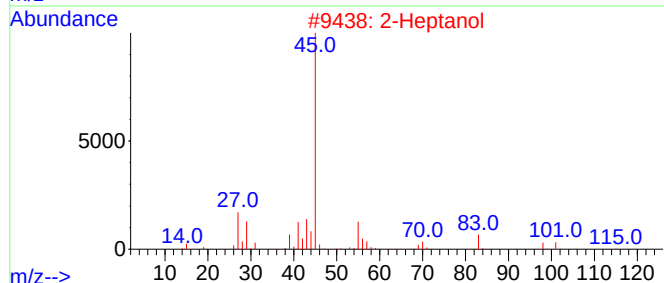
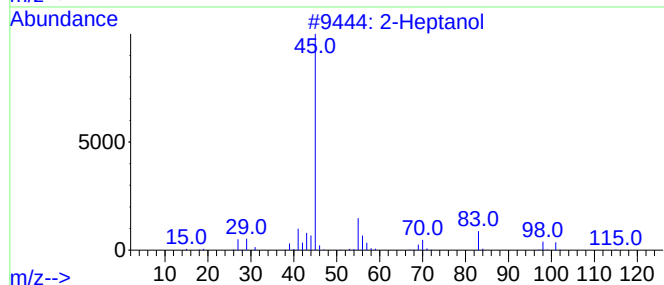
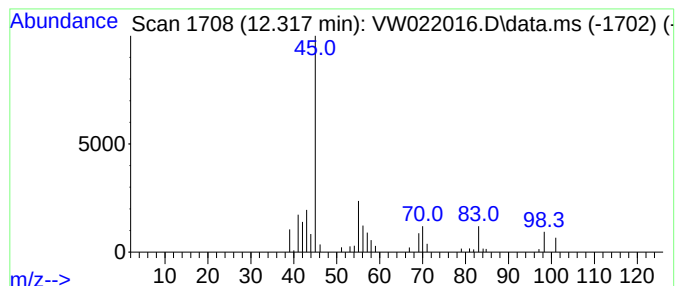
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Quant Title : SFAM01.0

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

Peak Number 9 2-Heptanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	1.29 ug/L	22058	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanol	116	C7H16O	000543-49-7	78
2			2-Heptanol	116	C7H16O	000543-49-7	78
3			2-Heptanol	116	C7H16O	000543-49-7	74
4			(+)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	72
5			2-Octanol, (S)-	130	C8H18O	006169-06-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022016.D
Acq On : 01 Feb 2022 21:08
Operator : SY/VA
Sample : N1353-02
Misc : 4.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0VE3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.446	112.2	ug/L	1534280	1	8.842	341813	25.0
3-Pentanol	5.196	2.0	ug/L	26669	1	8.842	341813	25.0
2-Butanol	7.513	38.2	ug/L	522556	1	8.842	341813	25.0
1-Butanol	9.037	70.0	ug/L	957194	1	8.842	341813	25.0
2-Pentanol	9.598	4.6	ug/L	62630	1	8.842	341813	25.0
2-Heptanone	12.231	10.7	ug/L	182426	2	11.628	428298	25.0
2-Heptanol	12.317	1.3	ug/L	22058	2	11.628	428298	25.0