LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
Data File : VW020390.D
Acq On : 08 Oct 2021 03:48
Operator : SY/VA
Sample : M4103-05
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

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\SFAMWLM100621SMA.M
Title : SFAM01.0

Signal : TIC: VW020390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	69	73	85	rVB	65049	104078	15.61%	3.019%
2	2.885	154	161	171	rVB	26076	52040	7.80%	1.509%
3	3.605	277	279	282	rVB	188	124	0.02%	0.004%
4	3.666	287	289	292	rBV2	126	170	0.03%	0.005%
5	3.733	298	300	302	rVB2	245	189	0.03%	0.005%
6	4.019	335	347	359	rBV2	72085	208964	31.33%	6.061%
7	4.129	359	365	377	rVB	5963	16247	2.44%	0.471%
8	4.391	403	408	413	rBV4	481	995	0.15%	0.029%
9	4.580	434	439	440	rBV	102	134	0.02%	0.004%
10	4.653	449	451	454	rBV	106	106	0.02%	0.003%
11	4.690	454	457	458	rBV	142	170	0.03%	0.005%
12	4.830	477	480	481	rBV	165	160	0.02%	0.005%
13	4.922	484	495	508	rVV2	10601	34219	5.13%	0.992%
14	5.653	612	615	616	rBV2	83	102	0.02%	0.003%
15	5.733	624	628	629	rBV2	133	160	0.02%	0.005%
16	5.800	631	639	645	rVV4	600	1760	0.26%	0.051%
17	5.873	649	651	654	rVV	138	157	0.02%	0.005%
18	5.946	654	663	672	rVV4	3712	11445	1.72%	0.332%
19	6.013	673	674	678	rVB2	146	157	0.02%	0.005%
20	6.074	683	684	687	rVB	173	140	0.02%	0.004%
21	6.434	741	743	745	rBV2	109	110	0.02%	0.003%
22	6.531	755	759	762	rBV2	109	181	0.03%	0.005%
23	6.580	765	767	770	rVB2	116	110	0.02%	0.003%
24	6.909	818	821	824	rVB2	141	172	0.03%	0.005%
25	6.988	830	834	839	rBV3	313	548	0.08%	0.016%
26	7.086	841	850	861	rBV	19475	56550	8.48%	1.640%
27	7.537	922	924	926	rBV3	107	106	0.02%	0.003%
28	7.653	933	943	958	rBV	128860	304836	45.71%	8.841%
29	7.860	972	977	978	rVB2	126	151	0.02%	0.004%
30	7.952	987	992	998	rVB4	1373	2574	0.39%	0.075%
31	8.177	1027	1029	1030	rBV	202	127	0.02%	0.004%
32	8.281	1035	1046	1059	rBV2	243385	666936	100.00%	19.344%
33	8.689	1111	1113	1114	rBV2	152	125	0.02%	0.004%
34	8.714	1114	1117	1120	rVB3	220	329	0.05%	0.010%
35	8.848	1130	1139	1150	rBV	207414	413771	62.04%	12.001%
36	8.994	1159	1163	1164	rVB2	141	136	0.02%	0.004%

LSC Area Percent Report

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Acq On : 08 Oct 2021 03:48
Operator : SY/VA
Sample : M4103-05
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

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\SFAMWLM100621SMA.M
Title : SFAM01.0

37	9.073	1174	1176	1179	rVB2	271	254	0.04%	0.007%
38	9.189	1194	1195	1198	rVB2	127	108	0.02%	0.003%
39	9.275	1200	1209	1218	rBV	184468	379813	56.95%	11.016%
40	9.403	1228	1230	1233	rVB2	128	128	0.02%	0.004%
41	9.457	1238	1239	1241	rBV	136	101	0.02%	0.003%
42	9.500	1244	1246	1248	rBV	75	101	0.02%	0.003%
43	9.659	1271	1272	1277	rBV3	145	239	0.04%	0.007%
44	10.037	1327	1334	1344	rVB	31778	56568	8.48%	1.641%
45	10.134	1346	1350	1354	rBV2	110	152	0.02%	0.004%
46	10.256	1368	1370	1373	rBV	80	106	0.02%	0.003%
47	10.329	1373	1382	1389	rVV	228983	410208	61.51%	11.897%
48	10.390	1389	1392	1401	rVB	4061	7106	1.07%	0.206%
49	10.488	1405	1408	1411	rBV2	338	354	0.05%	0.010%
50	10.579	1417	1423	1430	rBV	10702	18139	2.72%	0.526%
51	10.658	1434	1436	1438	rBV2	242	307	0.05%	0.009%
52	10.707	1438	1444	1450	rVB	5972	10563	1.58%	0.306%
53	10.866	1466	1470	1473	rVB5	1056	1591	0.24%	0.046%
54	10.927	1473	1480	1493	rBV	50420	85915	12.88%	2.492%
55	11.067	1498	1503	1507	rVV4	1860	3188	0.48%	0.092%
56	11.177	1519	1521	1525	rVV3	410	466	0.07%	0.014%
57	11.238	1525	1531	1535	rVV2	1582	2744	0.41%	0.080%
58	11.335	1542	1547	1549	rBV	293	306	0.05%	0.009%
59	11.402	1557	1558	1562	rBV3	145	151	0.02%	0.004%
60	11.634	1589	1596	1605	rVV	136852	231065	34.65%	6.702%
61	11.738	1609	1613	1615	rVB3	292	406	0.06%	0.012%
62	11.841	1625	1630	1633	rBV3	857	1529	0.23%	0.044%
63	11.884	1635	1637	1638	rBV2	278	184	0.03%	0.005%
64	12.097	1670	1672	1674	rBV2	103	103	0.02%	0.003%
65	12.128	1674	1677	1679	rVB2	200	196	0.03%	0.006%
66	12.170	1679	1684	1689	rBV2	581	1116	0.17%	0.032%
67	12.347	1711	1713	1714	rVV	159	114	0.02%	0.003%
68	12.475	1729	1734	1738	rBV2	1724	2702	0.41%	0.078%
69	12.603	1748	1755	1761	rVB3	4260	7680	1.15%	0.223%
70	12.695	1763	1770	1776	rBV	95395	157214	23.57%	4.560%
71	12.750	1776	1779	1780	rBV2	651	542	0.08%	0.016%
72	12.835	1788	1793	1795	rBV2	129	242	0.04%	0.007%
73	12.945	1803	1811	1813	rBV4	551	1068	0.16%	0.031%
74	13.103	1834	1837	1839	rBV2	188	215	0.03%	0.006%
75	13.134	1839	1842	1846	rBV3	1652	1841	0.28%	0.053%
76	13.195	1846	1852	1856	rVB2	805	1377	0.21%	0.040%

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Operator : SY/VA
Sample : M4103-05
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

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\SFAMWLM100621SMA.M
Title : SFAM01.0

77	13.249	1858	1861	1862	rBV	460	463	0.07%	0.013%
78	13.335	1874	1875	1878	rBV2	116	100	0.01%	0.003%
79	13.408	1878	1887	1892	rVV3	1625	2615	0.39%	0.076%
80	13.506	1901	1903	1905	rBV	154	170	0.03%	0.005%
81	13.554	1906	1911	1918	rBV	31493	53289	7.99%	1.546%
82	13.646	1923	1926	1936	rVB2	2068	3384	0.51%	0.098%
83	13.762	1942	1945	1950	rVB2	629	972	0.15%	0.028%
84	13.853	1950	1960	1972	rBV	61241	100545	15.08%	2.916%
85	13.951	1972	1976	1984	rVB5	430	912	0.14%	0.026%
86	14.066	1985	1995	2001	rBV2	4253	7723	1.16%	0.224%
87	14.164	2009	2011	2012	rVB2	202	122	0.02%	0.004%
88	14.182	2012	2014	2016	rBV2	122	154	0.02%	0.004%
89	14.219	2018	2020	2021	rVB	194	120	0.02%	0.003%
90	14.261	2023	2027	2030	rBV4	199	307	0.05%	0.009%
91	14.322	2031	2037	2044	rVB6	784	1609	0.24%	0.047%
92	14.511	2066	2068	2069	rBV2	408	271	0.04%	0.008%
93	14.579	2076	2079	2080	rBV	185	166	0.02%	0.005%
94	14.688	2095	2097	2098	rBV	282	225	0.03%	0.007%
95	14.981	2140	2145	2146	rBV3	238	387	0.06%	0.011%
96	15.066	2158	2159	2162	rBV2	249	184	0.03%	0.005%
97	15.432	2215	2219	2224	rVB3	4216	6459	0.97%	0.187%
98	15.487	2224	2228	2232	rVB2	1934	2844	0.43%	0.082%
99	15.591	2243	2245	2248	rBV2	220	250	0.04%	0.007%
100	16.218	2346	2348	2349	rBV	225	102	0.02%	0.003%

Sum of corrected areas: 3447854

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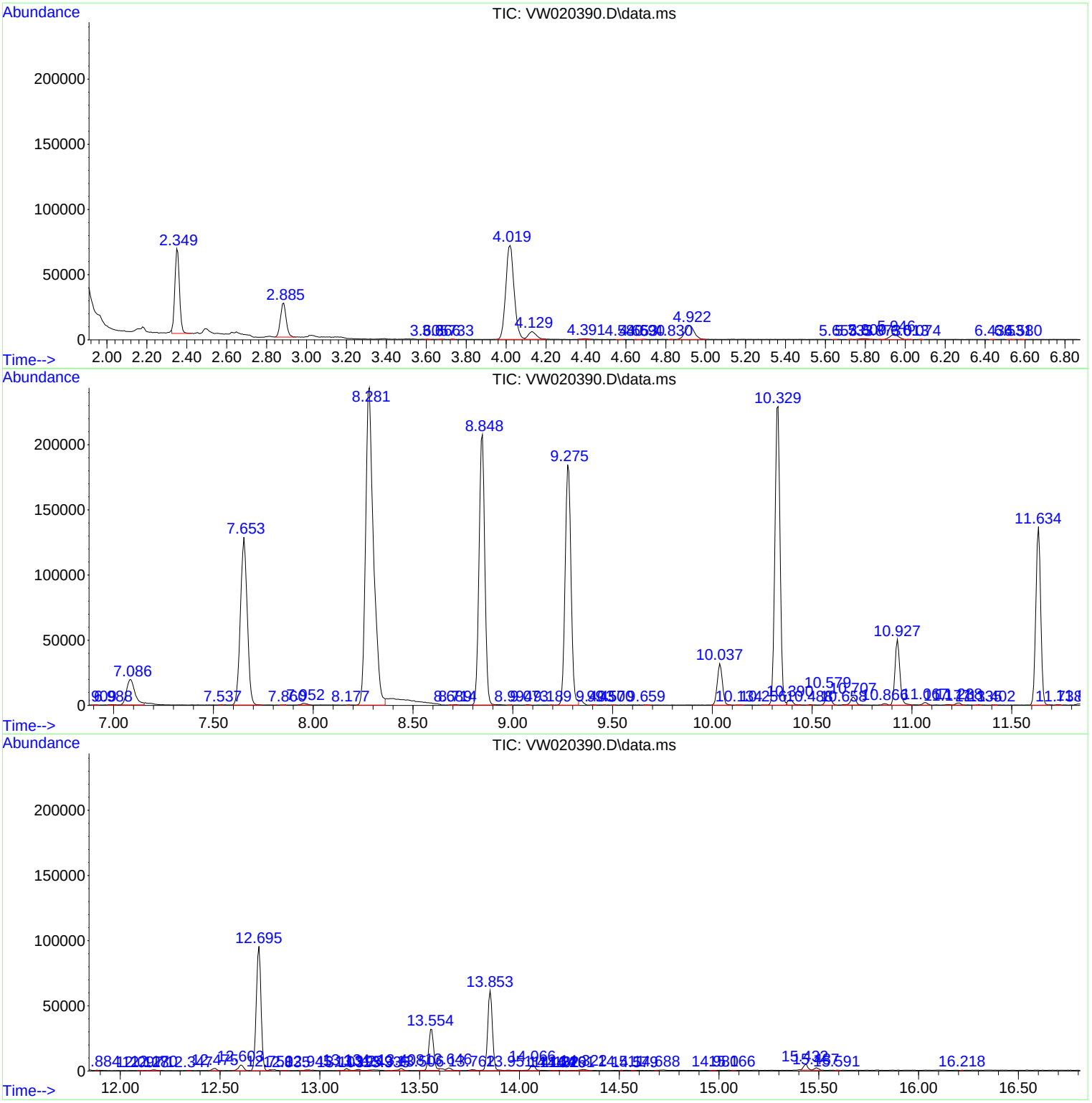
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
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Sample : M4103-05
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

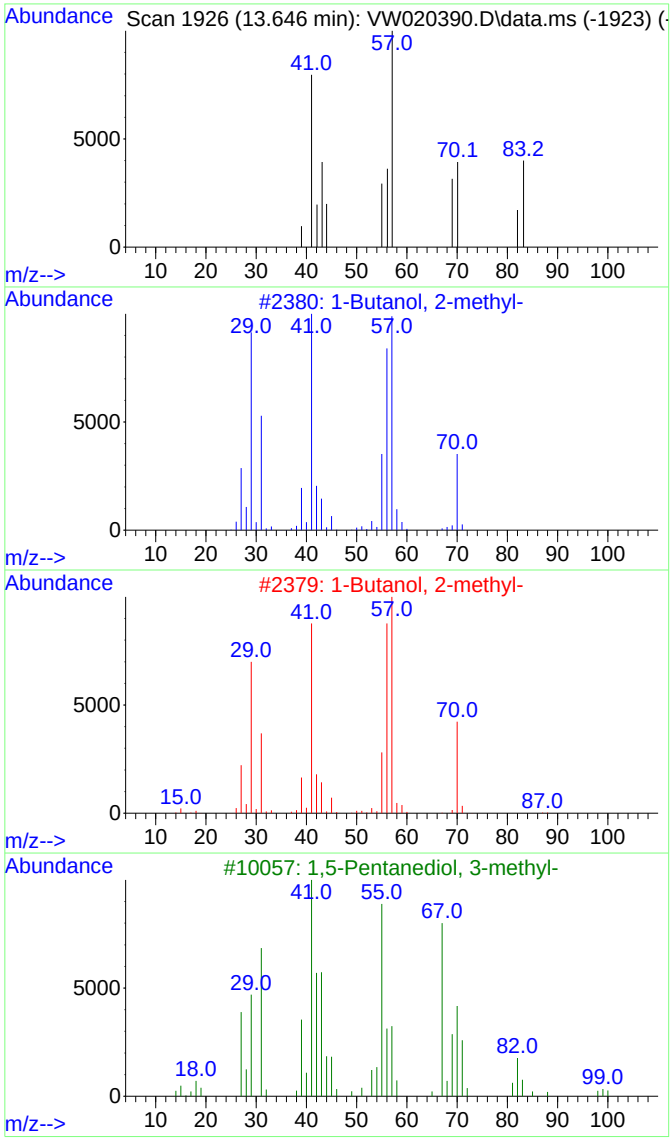
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

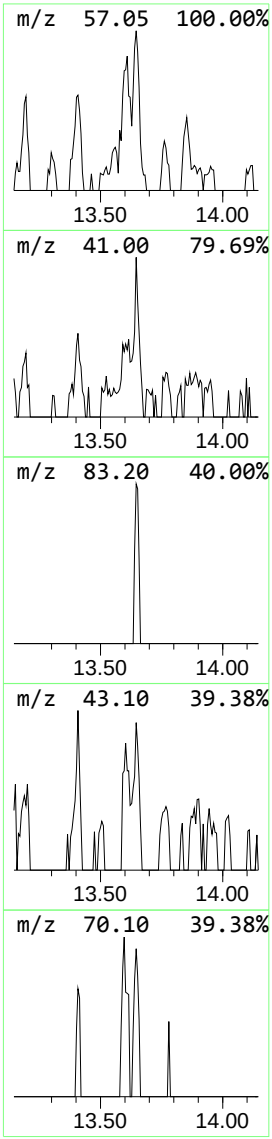
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	1.59 ug/L	3384	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	23
2	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	23
3	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	9
4	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	9
5	Dimethylketene	70	C4H6O	000598-26-5	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
Data File : VW020390.D
Acq On : 08 Oct 2021 03:48
Operator : SY/VA
Sample : M4103-05
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

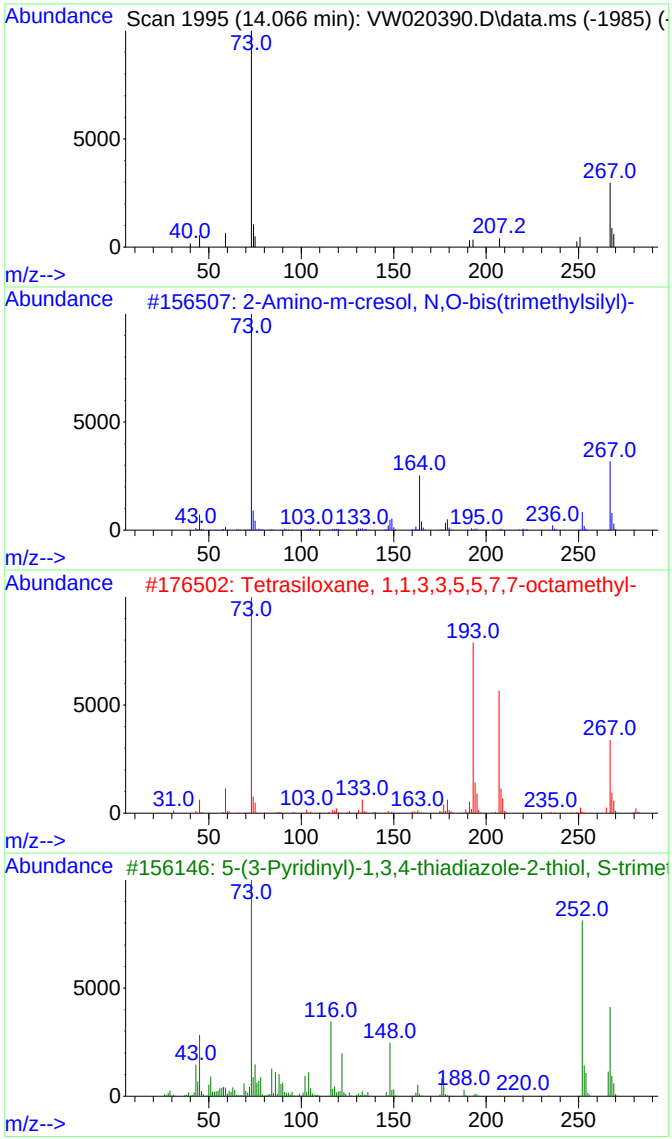
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

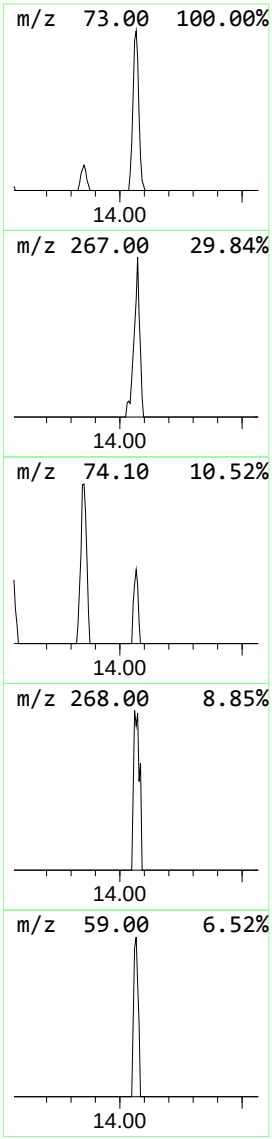
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	3.62 ug/L	7723	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	40
2	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	36
3	5-(3-Pyridinyl)-1,3,4-thiadiazol...	267	C10H13N3S2Si	1000471-43-6	33
4	trans-3-(2,2-Dichlorovinyl)-2,2-...	322	C14H24Cl2O2Si	1000314-29-8	9
5	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB9

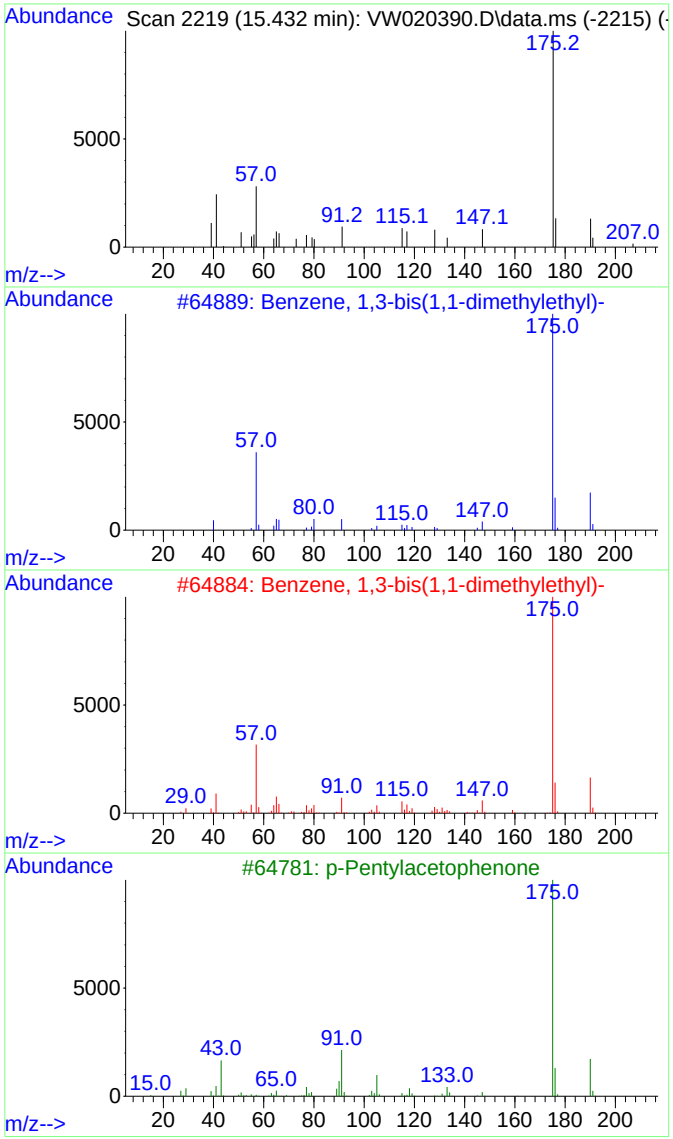
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

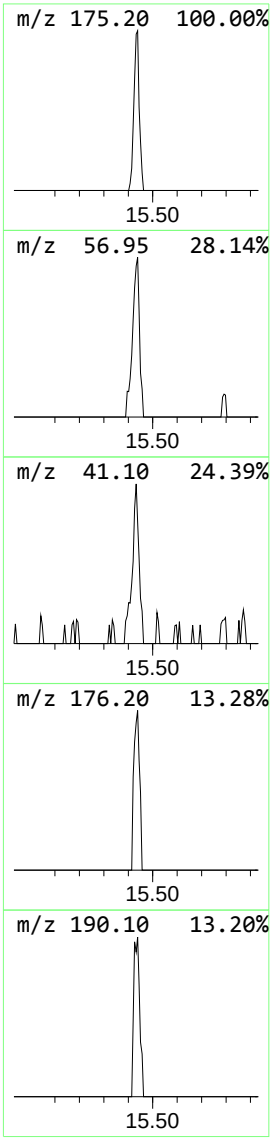
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	3.03 ug/L	6459	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
3	p-Pentylacetophenone	190	C13H18O	037593-02-5	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	78
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	78





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

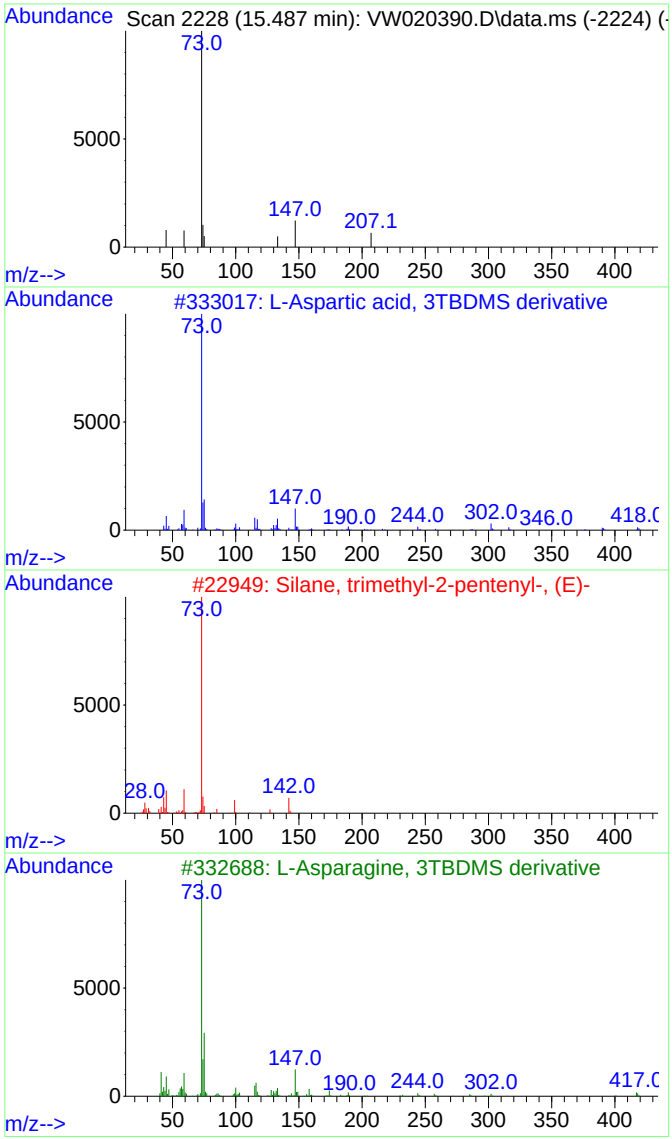
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

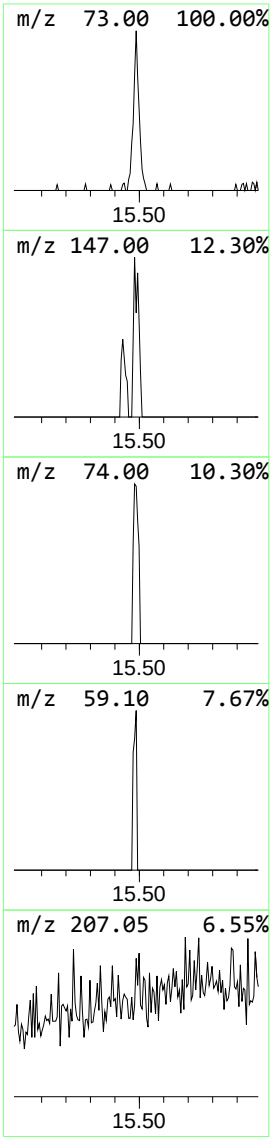
****

Peak Number 7 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	1.33 ug/L	2844	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Aspartic acid, 3TBDMS derivative	475	C22H49NO4Si3	107715-96-8	43
2	Silane, trimethyl-2-pentenyl-, (E)-	142	C8H18Si	040795-28-6	9
3	L-Asparagine, 3TBDMS derivative	474	C22H50N2O3Si3	096381-41-8	9
4	3-Hexenyltrimethylsilane	156	C9H20Si	103110-63-0	9
5	1,5-Heptadiene, 1,5-bis(trimethy...	252	C14H28Si2	1000153-97-1	9





Tentatively Identified Compound (LSC) summary

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	13.646	1.6	ug/L	3384	3	13.554	53289	25.0
unknown-02	14.066	3.6	ug/L	7723	3	13.554	53289	25.0
Benzene, 1,3-bi...	15.432	3.0	ug/L	6459	3	13.554	53289	25.0
unknown-03	15.487	1.3	ug/L	2844	3	13.554	53289	25.0