LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

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\SFAMWLM050222SMA.M
Title : SFAM01.0

Signal : TIC: VW023098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.068	23	27	28	rVB2	953	1048	0.07%	0.009%
2	2.080	28	29	32	rVB2	1088	1018	0.07%	0.008%
3	2.154	35	41	47	rBV6	2861	6679	0.47%	0.055%
4	2.233	47	54	55	rBV6	3752	8212	0.58%	0.068%
5	2.245	55	56	58	rBV2	2390	1497	0.11%	0.012%
6	2.263	58	59	62	rBV3	1397	1156	0.08%	0.010%
7	2.355	64	74	83	rBV	150296	274863	19.53%	2.283%
8	2.629	115	119	125	rBV8	6810	14394	1.02%	0.120%
9	2.885	151	161	173	rBV	93081	216030	15.35%	1.794%
10	3.117	197	199	201	rBV3	2160	1536	0.11%	0.013%
11	3.239	216	219	222	rVB5	896	962	0.07%	0.008%
12	3.324	232	233	236	rVB	1252	960	0.07%	0.008%
13	3.355	236	238	240	rBV3	1381	1568	0.11%	0.013%
14	3.458	254	255	259	rBV4	1089	1598	0.11%	0.013%
15	3.544	268	269	273	rVV4	1403	1526	0.11%	0.013%
16	3.598	274	278	280	rVV6	901	1286	0.09%	0.011%
17	3.623	280	282	285	rVB4	754	973	0.07%	0.008%
18	4.019	335	347	363	rBV	155688	471477	33.50%	3.915%
19	4.208	375	378	382	rBV4	1349	1818	0.13%	0.015%
20	4.379	404	406	407	rBV2	1852	1144	0.08%	0.010%
21	4.397	407	409	412	rVB3	1135	1204	0.09%	0.010%
22	4.684	454	456	461	rVB2	1271	1338	0.10%	0.011%
23	4.915	483	494	504	rVV4	7717	27983	1.99%	0.232%
24	5.019	509	511	514	rVB4	1013	1059	0.08%	0.009%
25	5.092	519	523	525	rBV4	1094	1348	0.10%	0.011%
26	5.141	527	531	533	rBV3	739	1315	0.09%	0.011%
27	5.354	563	566	571	rBV5	842	1503	0.11%	0.012%
28	5.415	574	576	580	rVB5	853	1078	0.08%	0.009%
29	5.708	621	624	626	rVV4	875	1392	0.10%	0.012%
30	5.836	642	645	648	rVB4	767	1001	0.07%	0.008%
31	5.915	653	658	659	rVV4	2395	2543	0.18%	0.021%
32	5.946	659	663	669	rVV8	3739	8478	0.60%	0.070%
33	6.281	716	718	721	rVB4	1095	1130	0.08%	0.009%
34	6.409	735	739	742	rBV4	1074	1627	0.12%	0.014%
35	6.555	758	763	766	rBV5	631	1213	0.09%	0.010%
36	6.616	771	773	775	rVB2	1190	1066	0.08%	0.009%

LSC Area Percent Report

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Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

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\SFAMWLM050222SMA.M
Title : SFAM01.0

37	6.665	778	781	782	rBV3	1102	1088	0.08%	0.009%
38	6.775	792	799	801	rBV8	1093	1556	0.11%	0.013%
39	7.080	841	849	854	rBV	44115	114518	8.14%	0.951%
40	7.141	855	859	871	rVV	25415	70528	5.01%	0.586%
41	7.366	892	896	898	rBV5	1132	1715	0.12%	0.014%
42	7.653	931	943	955	rBV	239040	587352	41.73%	4.878%
43	7.860	973	977	978	rVB4	1251	1067	0.08%	0.009%
44	7.896	982	983	986	rVB3	1413	1048	0.07%	0.009%
45	7.939	989	990	993	rVV3	1341	1201	0.09%	0.010%
46	8.122	1019	1020	1024	rVB4	961	1060	0.08%	0.009%
47	8.201	1030	1033	1035	rBV4	1007	1159	0.08%	0.010%
48	8.274	1035	1045	1061	rBV2	462685	1407358	100.00%	11.687%
49	8.439	1069	1072	1073	rBV3	890	967	0.07%	0.008%
50	8.512	1081	1084	1086	rVB4	1214	1326	0.09%	0.011%
51	8.610	1097	1100	1104	rVB6	1326	1744	0.12%	0.014%
52	8.677	1109	1111	1114	rBV3	1172	1195	0.08%	0.010%
53	8.841	1127	1138	1151	rBV	388168	768849	54.63%	6.385%
54	8.994	1161	1163	1168	rVB6	1079	1224	0.09%	0.010%
55	9.067	1171	1175	1180	rBV8	1789	3450	0.25%	0.029%
56	9.110	1180	1182	1185	rVB3	1811	1771	0.13%	0.015%
57	9.207	1195	1198	1199	rBV3	1252	1026	0.07%	0.009%
58	9.274	1199	1209	1219	rBV	305304	630634	44.81%	5.237%
59	9.427	1232	1234	1237	rBV4	2020	2269	0.16%	0.019%
60	9.500	1243	1246	1248	rBV4	1446	1536	0.11%	0.013%
61	9.640	1267	1269	1270	rBV	1240	1164	0.08%	0.010%
62	9.658	1270	1272	1274	rBV3	1142	1174	0.08%	0.010%
63	9.719	1280	1282	1284	rBV3	1752	1575	0.11%	0.013%
64	9.768	1287	1290	1291	rVB3	1376	1064	0.08%	0.009%
65	9.817	1295	1298	1299	rBV3	1611	1521	0.11%	0.013%
66	9.835	1299	1301	1303	rBV3	1234	1197	0.09%	0.010%
67	9.890	1306	1310	1312	rBV5	1913	2365	0.17%	0.020%
68	9.969	1320	1323	1325	rBV4	1120	1446	0.10%	0.012%
69	10.036	1325	1334	1343	rBV	174121	325171	23.11%	2.700%
70	10.134	1348	1350	1353	rVV4	2775	2376	0.17%	0.020%
71	10.164	1353	1355	1357	rVV3	1644	1456	0.10%	0.012%
72	10.219	1360	1364	1367	rVV6	3041	5190	0.37%	0.043%
73	10.250	1367	1369	1372	rVV4	1875	2216	0.16%	0.018%
74	10.323	1372	1381	1389	rVV	706098	1261993	89.67%	10.480%
75	10.384	1389	1391	1396	rVB3	9714	14592	1.04%	0.121%
76	10.579	1417	1423	1432	rVV	113695	194147	13.80%	1.612%

LSC Area Percent Report

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Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

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\SFAMWLM050222SMA.M
Title : SFAM01.0

77	10.701	1436	1443	1451	rVB	47086	87842	6.24%	0.729%
78	10.817	1460	1462	1465	rBV4	2097	1988	0.14%	0.017%
79	10.847	1465	1467	1470	rBV4	1774	2145	0.15%	0.018%
80	10.926	1474	1480	1489	rBV	163312	294425	20.92%	2.445%
81	11.061	1496	1502	1509	rBV	55413	102515	7.28%	0.851%
82	11.439	1557	1564	1570	rBV4	24392	69813	4.96%	0.580%
83	11.628	1589	1595	1605	rVB	589047	983791	69.90%	8.170%
84	11.804	1622	1624	1627	rBV4	3183	2463	0.18%	0.020%
85	12.603	1748	1755	1764	rBV3	70790	191515	13.61%	1.590%
86	12.688	1764	1769	1776	rVB	283555	475021	33.75%	3.945%
87	12.835	1791	1793	1795	rBV3	7201	8705	0.62%	0.072%
88	12.926	1805	1808	1812	rBV4	13106	17957	1.28%	0.149%
89	13.060	1817	1830	1845	rVB4	115443	509642	36.21%	4.232%
90	13.292	1864	1868	1880	rVB8	38442	116884	8.31%	0.971%
91	13.554	1905	1911	1919	rBV	668127	1078929	76.66%	8.960%
92	13.853	1953	1960	1970	rBV	649556	1154129	82.01%	9.584%
93	14.060	1985	1994	2003	rVB3	73194	217168	15.43%	1.803%
94	14.761	2107	2109	2118	rVB6	20273	42594	3.03%	0.354%
95	15.218	2179	2184	2192	rVB5	21482	53708	3.82%	0.446%
96	15.499	2225	2230	2235	rBV2	31153	54222	3.85%	0.450%
97	15.877	2290	2292	2293	rBV2	4449	3316	0.24%	0.028%
98	16.273	2353	2357	2364	rVB7	9621	18309	1.30%	0.152%
99	16.486	2387	2392	2399	rVB3	34631	63464	4.51%	0.527%
100	16.755	2434	2436	2438	rBV3	2586	2027	0.14%	0.017%

Sum of corrected areas: 12041883

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
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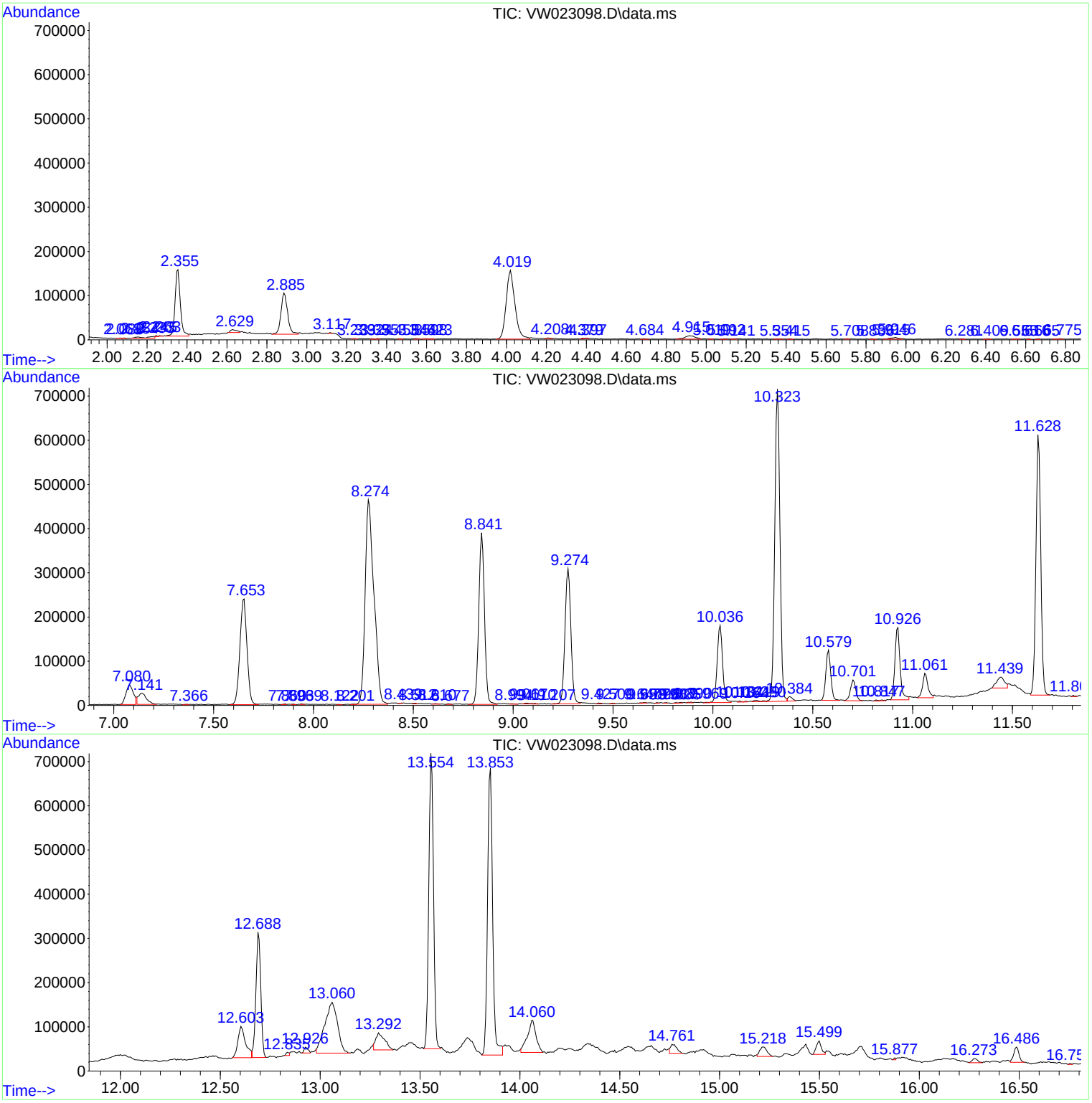
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

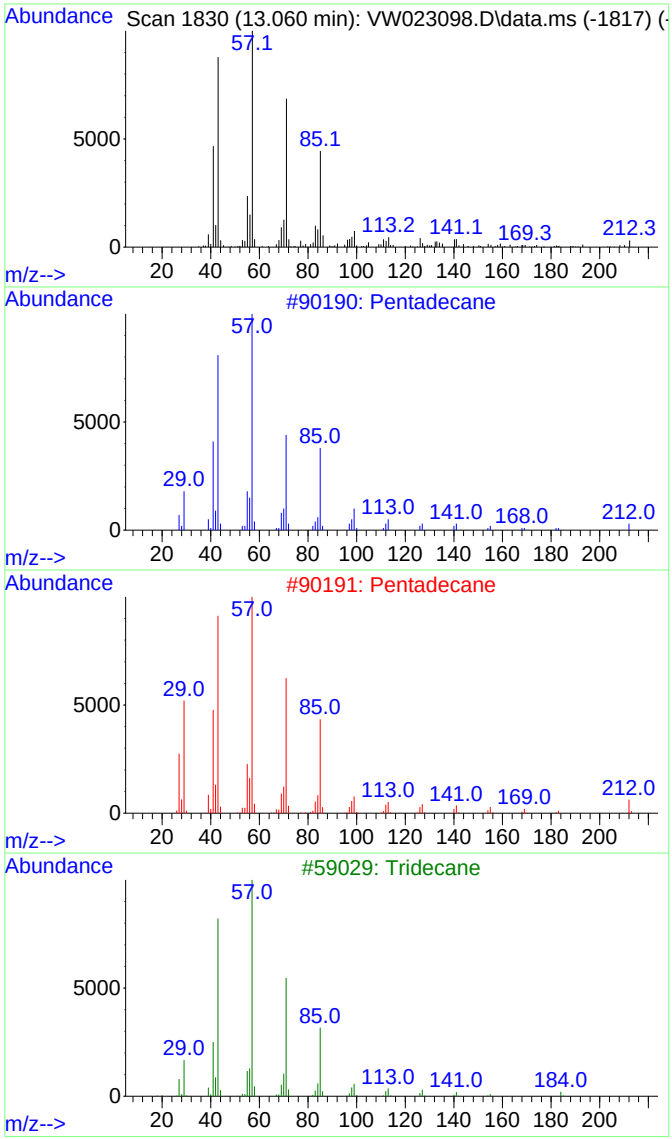
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

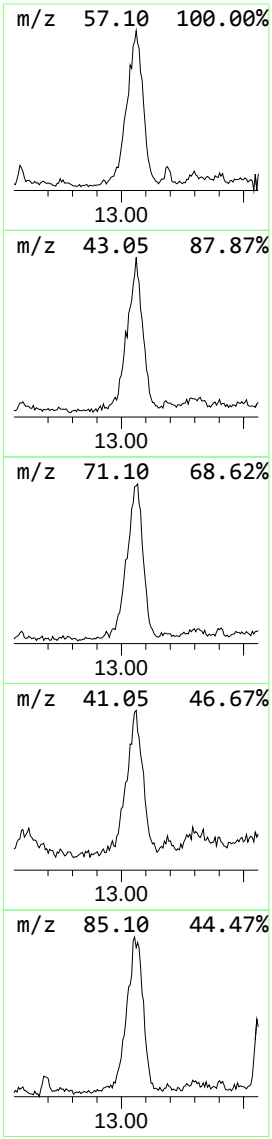
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.060	11.81 ug/L	509642	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Pentadecane	212	C15H32	000629-62-9	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

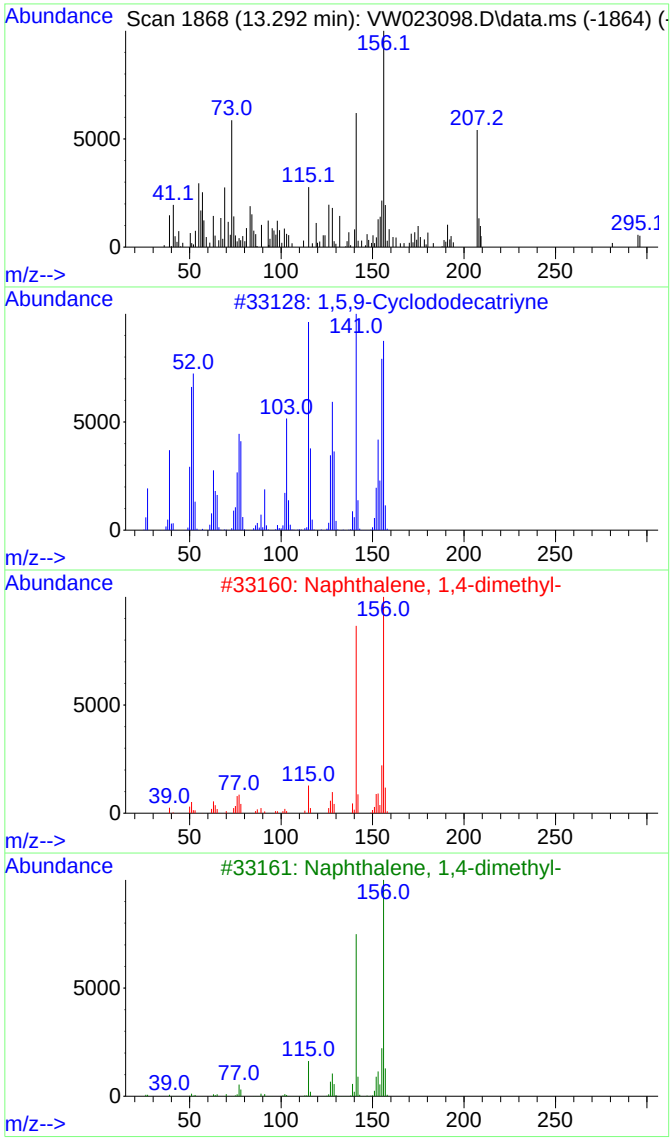
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

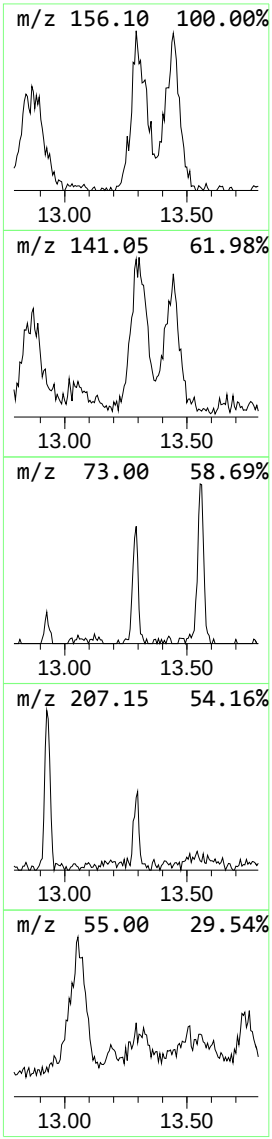
****

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	2.71 ug/L	116884	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	49
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	47
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	47
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	47
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

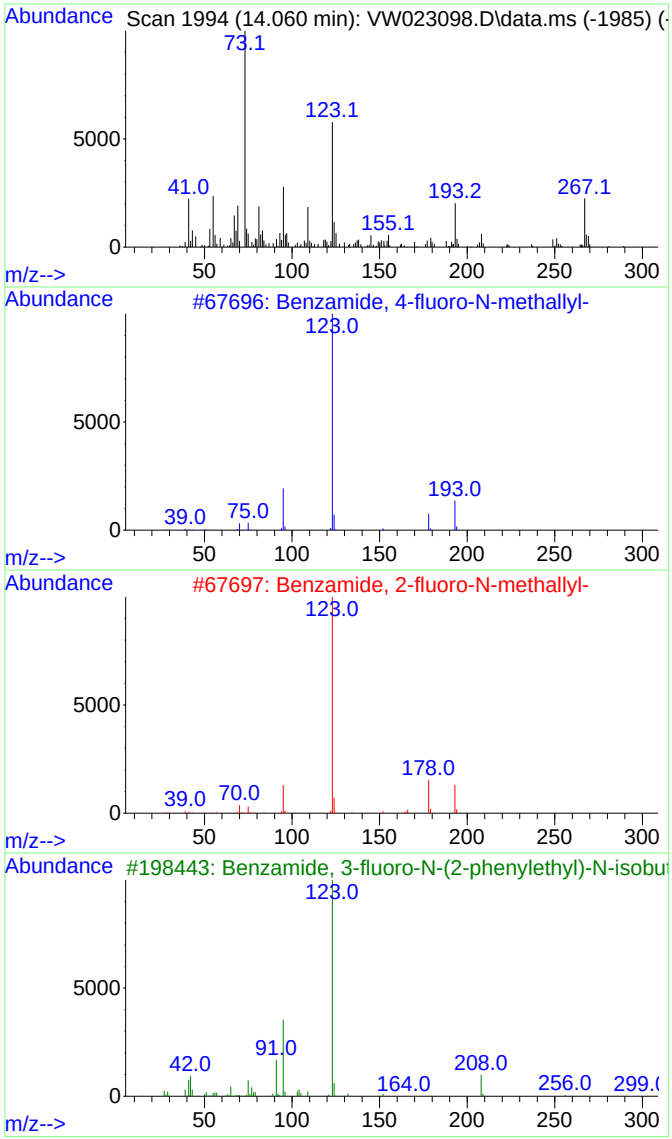
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

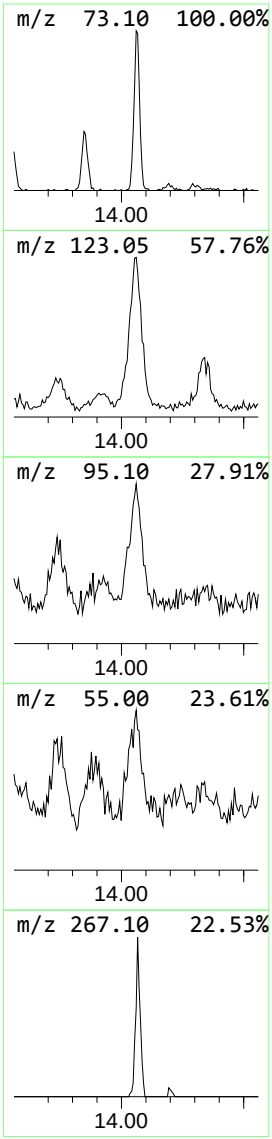
****

Peak Number 9 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.060	5.03 ug/L	217168	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-fluoro-N-methallyl-	193	C11H12FNO	1000340-31-9	43
2	Benzamide, 2-fluoro-N-methallyl-	193	C11H12FNO	1000340-07-0	43
3	Benzamide, 3-fluoro-N-(2-phenyle...	299	C19H22FNO	1000451-30-2	35
4	4-Hydroxybenzoic acid, 2TMS deri...	282	C13H22O3Si2	002078-13-9	35
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

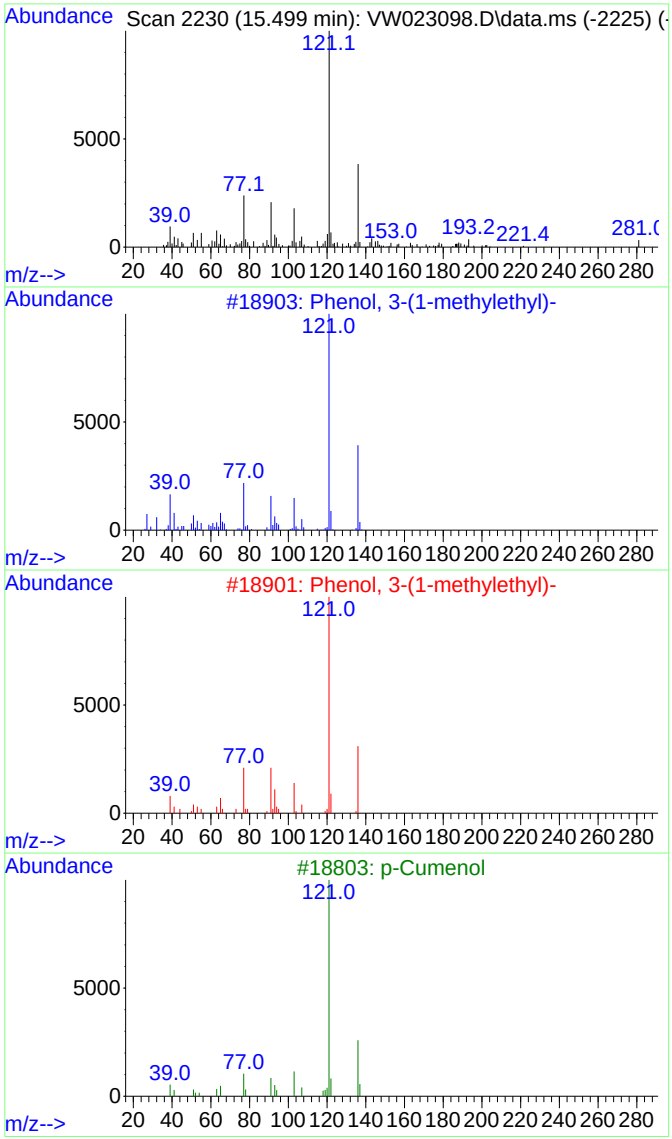
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

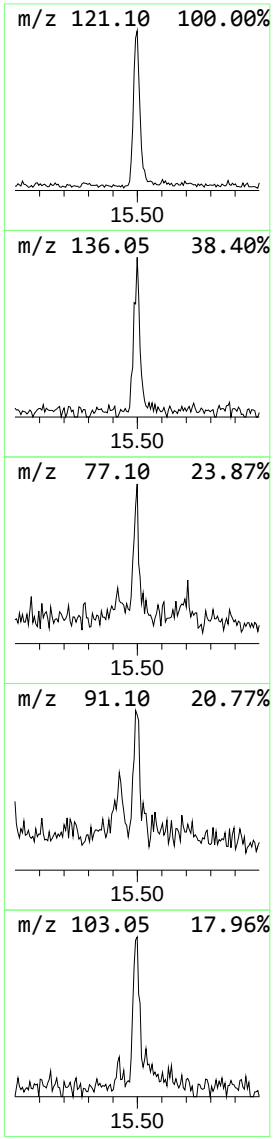
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 3-(1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	1.26 ug/L	54222	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86
3	p-Cumenol	136	C9H12O	000099-89-8	80
4	p-Cumenol	136	C9H12O	000099-89-8	78
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

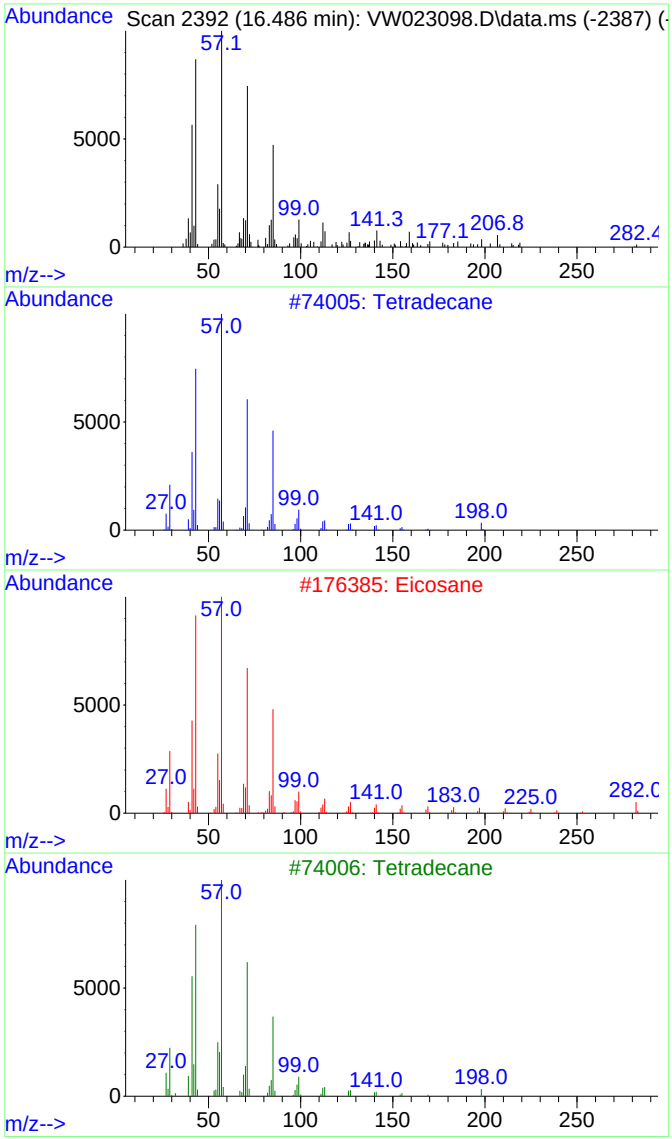
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

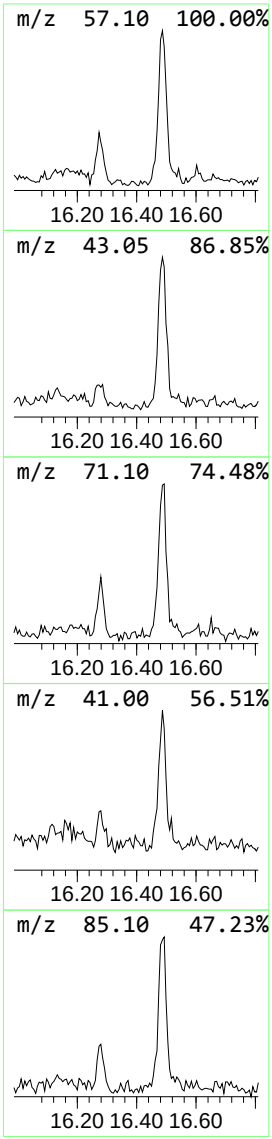
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	1.47 ug/L	63464	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Tetradecane	198	C14H30	000629-59-4	93
4	Eicosane	282	C20H42	000112-95-8	90
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023098.D
Acq On : 17 May 2022 14:12
Operator : SY/VA
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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
(DEL) Alkane: S...	13.060	11.8	ug/L	509642	3	13.554	1078930	25.0
unknown-01	13.292	2.7	ug/L	116884	3	13.554	1078930	25.0
unknown-02	14.060	5.0	ug/L	217168	3	13.554	1078930	25.0
Phenol, 3-(1-me...	15.499	1.3	ug/L	54222	3	13.554	1078930	25.0
(DEL) Alkane: S...	16.486	1.5	ug/L	63464	3	13.554	1078930	25.0