LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

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\SFAMWLM062923SMA.M
Title : SFAM01.0

Signal : TIC: VW026505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	50	rVB	23085	38962	1.70%	0.416%
2	2.229	50	56	57	rBV6	5953	9449	0.41%	0.101%
3	2.357	73	77	84	rVB	16178	32146	1.40%	0.344%
4	2.887	159	164	174	rVB	21475	41770	1.82%	0.446%
5	3.119	199	202	203	rBV3	1151	1255	0.05%	0.013%
6	3.277	224	228	230	rBV4	1889	2375	0.10%	0.025%
7	3.375	241	244	245	rBV3	1918	1673	0.07%	0.018%
8	3.411	248	250	254	rVB5	1566	1526	0.07%	0.016%
9	3.546	267	272	273	rBV5	1706	2313	0.10%	0.025%
10	3.613	280	283	285	rBV4	1845	2801	0.12%	0.030%
11	3.753	304	306	309	rVV4	1025	1272	0.06%	0.014%
12	3.850	319	322	325	rBV5	1858	2528	0.11%	0.027%
13	3.881	325	327	329	rVB3	2129	2049	0.09%	0.022%
14	3.911	329	332	334	rBV4	1504	1505	0.07%	0.016%
15	3.948	337	338	340	rBV2	1940	1749	0.08%	0.019%
16	3.966	340	341	343	rVV2	1824	1362	0.06%	0.015%
17	4.021	343	350	359	rVV2	32393	81856	3.56%	0.875%
18	4.125	360	367	376	rVV	27637	73922	3.22%	0.790%
19	4.192	376	378	380	rVV3	2031	1989	0.09%	0.021%
20	4.216	380	382	384	rVV3	1555	1420	0.06%	0.015%
21	4.265	388	390	393	rBV4	1921	2185	0.10%	0.023%
22	4.356	402	405	406	rBV3	2349	1376	0.06%	0.015%
23	4.387	408	410	413	rVB3	1940	1816	0.08%	0.019%
24	4.527	431	433	435	rVB3	2045	1617	0.07%	0.017%
25	4.558	435	438	439	rBV3	1839	1298	0.06%	0.014%
26	4.606	445	446	450	rVB4	2109	1417	0.06%	0.015%
27	4.643	450	452	455	rBV4	1193	1407	0.06%	0.015%
28	4.747	466	469	471	rBV4	1023	1467	0.06%	0.016%
29	4.789	475	476	477	rBV	2250	1337	0.06%	0.014%
30	4.911	490	496	499	rBV7	3618	8949	0.39%	0.096%
31	4.936	499	500	503	rVV3	3537	2328	0.10%	0.025%
32	5.112	527	529	532	rVB4	1222	1245	0.05%	0.013%
33	5.161	532	537	539	rBV6	1977	2946	0.13%	0.031%
34	5.222	544	547	552	rVB7	2327	2753	0.12%	0.029%
35	5.417	573	579	581	rVB7	1928	3285	0.14%	0.035%
36	5.442	581	583	586	rBV4	2217	1994	0.09%	0.021%

LSC Area Percent Report

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Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

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\SFAMWLM062923SMA.M
Title : SFAM01.0

37	5.478	586	589	590	rVB3	1533	1297	0.06%	0.014%
38	5.533	597	598	600	rBV2	2413	2107	0.09%	0.023%
39	5.582	605	606	609	rBV3	1557	1339	0.06%	0.014%
40	5.618	609	612	613	rBV3	1687	1737	0.08%	0.019%
41	5.710	625	627	630	rBV4	1160	1864	0.08%	0.020%
42	5.771	634	637	639	rBV4	1333	1669	0.07%	0.018%
43	5.801	639	642	647	rVB7	2699	4311	0.19%	0.046%
44	5.850	647	650	651	rBV3	1548	1785	0.08%	0.019%
45	5.868	651	653	656	rBV4	1197	1295	0.06%	0.014%
46	5.935	661	664	666	rBV4	2547	2616	0.11%	0.028%
47	5.990	670	673	676	rVB5	1322	1265	0.06%	0.014%
48	6.015	676	677	680	rVB3	1409	1244	0.05%	0.013%
49	6.051	680	683	685	rBV4	1869	1750	0.08%	0.019%
50	6.076	685	687	689	rBV3	1316	1549	0.07%	0.017%
51	6.100	689	691	694	rVB4	1613	1407	0.06%	0.015%
52	6.130	694	696	699	rVB4	1692	1739	0.08%	0.019%
53	6.161	699	701	702	rBV2	1621	1415	0.06%	0.015%
54	6.240	713	714	716	rBV2	1432	1420	0.06%	0.015%
55	6.399	738	740	743	rBV4	1240	1477	0.06%	0.016%
56	6.423	743	744	750	rVB6	1469	1845	0.08%	0.020%
57	6.478	750	753	754	rBV3	1426	1344	0.06%	0.014%
58	6.545	761	764	767	rVB5	1416	1374	0.06%	0.015%
59	6.569	767	768	773	rBV5	1231	1537	0.07%	0.016%
60	6.606	773	774	778	rBV4	1714	1730	0.08%	0.018%
61	6.746	794	797	800	rBV5	1372	1448	0.06%	0.015%
62	6.789	802	804	807	rVB4	2027	1899	0.08%	0.020%
63	6.825	807	810	812	rBV4	1317	1542	0.07%	0.016%
64	6.856	812	815	818	rBV4	1272	2124	0.09%	0.023%
65	7.094	845	854	862	rBV3	11556	43559	1.90%	0.466%
66	7.167	862	866	868	rBV5	5890	8896	0.39%	0.095%
67	7.277	882	884	887	rBV4	1409	1619	0.07%	0.017%
68	7.533	921	926	927	rVB5	2655	3887	0.17%	0.042%
69	7.655	936	946	955	rBV	66515	172030	7.49%	1.839%
70	7.813	970	972	976	rBV5	2383	4168	0.18%	0.045%
71	7.923	985	990	992	rBV6	1635	2663	0.12%	0.028%
72	8.051	1009	1011	1014	rVB4	1976	2153	0.09%	0.023%
73	8.173	1028	1031	1032	rBV3	1938	1877	0.08%	0.020%
74	8.276	1039	1048	1063	rBV2	130255	407136	17.72%	4.351%
75	8.435	1069	1074	1075	rBV5	2355	3153	0.14%	0.034%
76	8.557	1090	1094	1095	rBV4	2524	3027	0.13%	0.032%

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Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

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\SFAMWLM062923SMA.M
Title : SFAM01.0

77	8.642	1106	1108	1111	rVB4	1570	1254	0.05%	0.013%
78	8.673	1111	1113	1114	rBV2	1595	1571	0.07%	0.017%
79	8.843	1133	1141	1150	rBV	143701	296454	12.90%	3.168%
80	9.057	1174	1176	1178	rBV3	1858	2035	0.09%	0.022%
81	9.276	1204	1212	1220	rBV	104006	220383	9.59%	2.355%
82	10.038	1332	1337	1345	rVB	32890	57327	2.49%	0.613%
83	10.319	1378	1383	1391	rVB	148823	275552	11.99%	2.945%
84	10.928	1479	1483	1487	rBV	24727	38361	1.67%	0.410%
85	11.629	1593	1598	1605	rVB	126080	210776	9.17%	2.253%
86	12.690	1769	1772	1778	rVB	54426	85702	3.73%	0.916%
87	12.989	1805	1821	1831	rBV4	266986	1410240	61.37%	15.071%
88	13.556	1911	1914	1927	rVB4	81570	181942	7.92%	1.944%
89	13.708	1932	1939	1940	rBV6	50998	107175	4.66%	1.145%
90	13.867	1958	1965	1970	rBV3	73286	223056	9.71%	2.384%
91	14.190	2015	2018	2022	rBV5	22603	29905	1.30%	0.320%
92	14.257	2026	2029	2034	rVB4	29219	47161	2.05%	0.504%
93	14.379	2046	2049	2054	rVB4	63869	94658	4.12%	1.012%
94	14.495	2064	2068	2070	rBV4	23306	35294	1.54%	0.377%
95	14.848	2114	2126	2144	rVB2	733335	2297776	100.00%	24.557%
96	15.318	2198	2203	2210	rVB	249032	402700	17.53%	4.304%
97	15.391	2211	2215	2220	rBV7	38385	75956	3.31%	0.812%
98	15.921	2288	2302	2323	rBV2	395228	1887914	82.16%	20.176%
99	16.275	2355	2360	2368	rVB	150337	288070	12.54%	3.079%
100	16.531	2399	2402	2406	rVB3	29117	42143	1.83%	0.450%

Sum of corrected areas: 9357044

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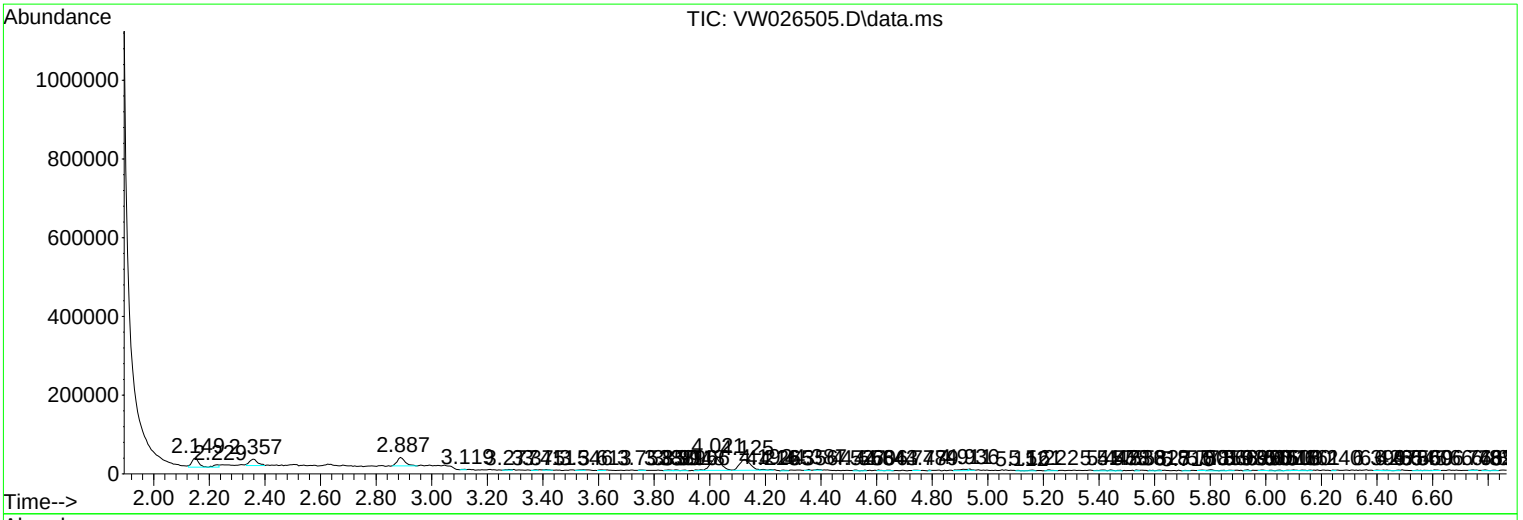
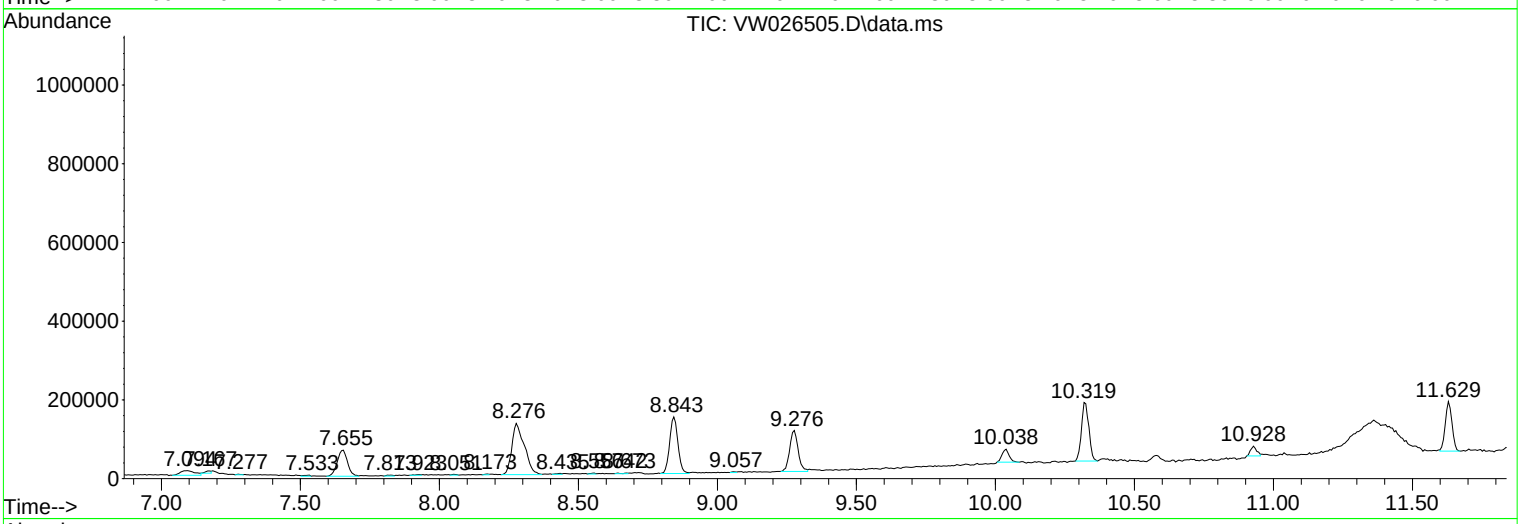
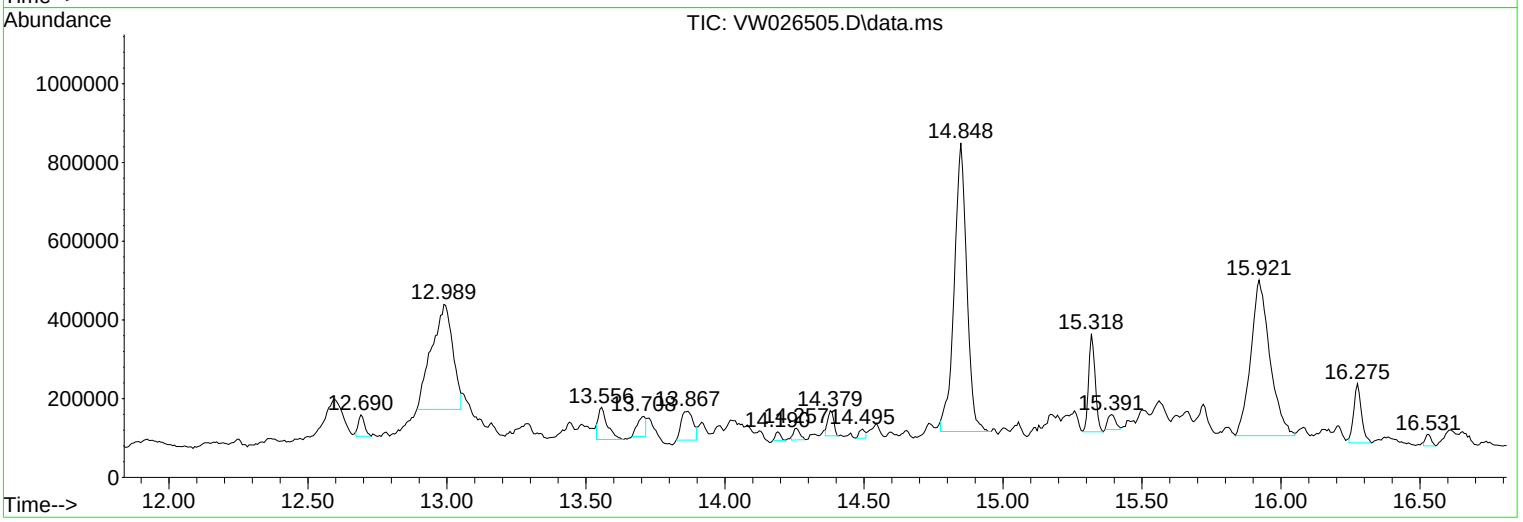
Instrument :
MSVOA_W
ClientSampleId :
A46X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

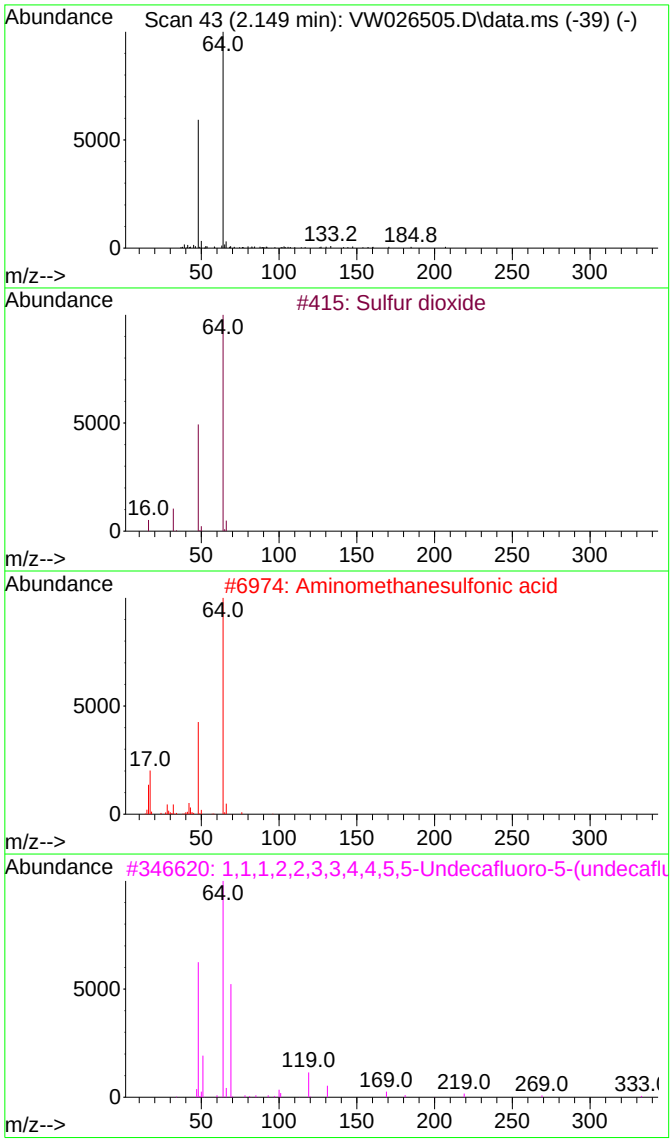
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

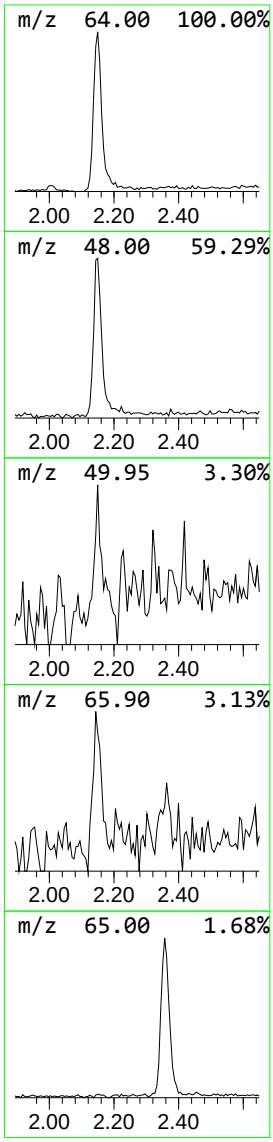
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.149	3.29 ug/L	38962	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	1,1,1,2,2,3,3,4,4,5,5-Undecafluo...	602	C10F22O2S	1000486-78-5	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
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Instrument :
MSVOA_W
ClientSampleId :
A46X6

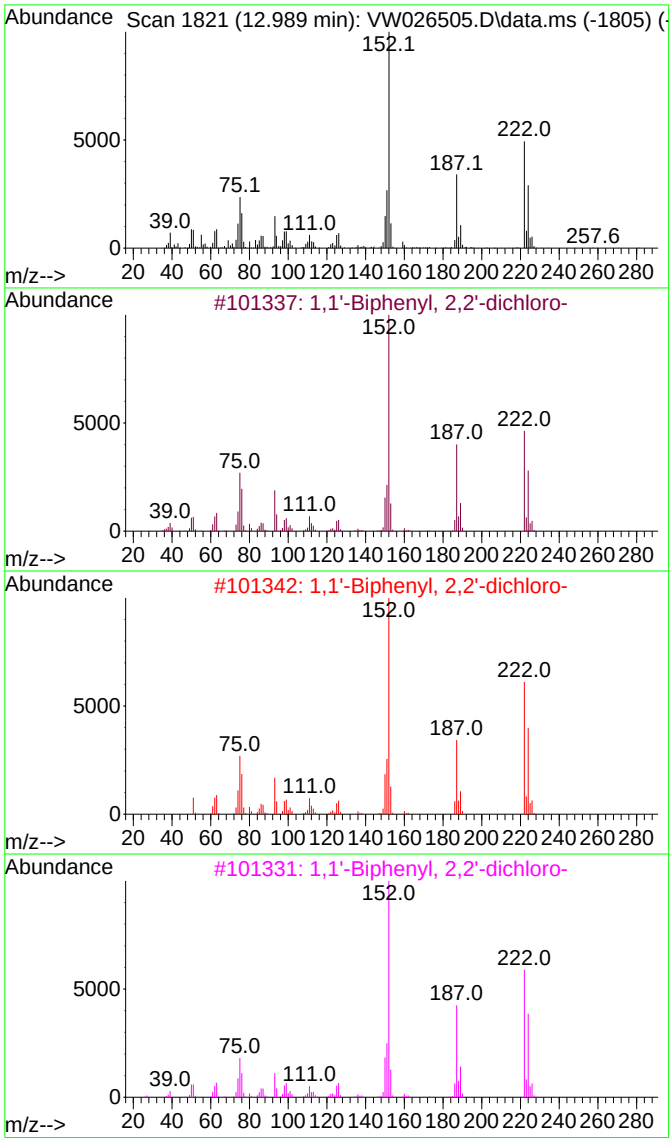
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

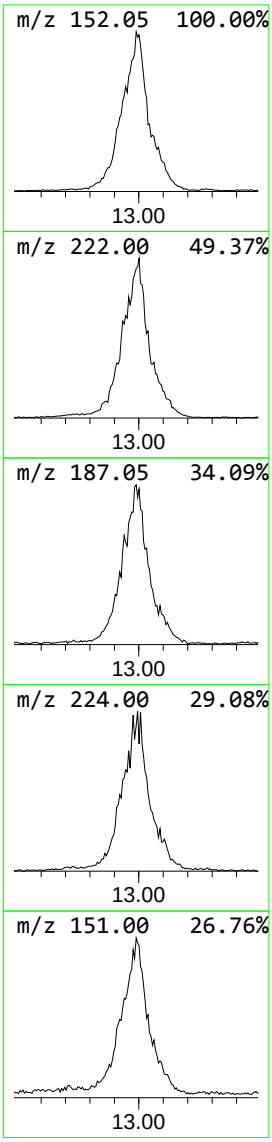
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	193.78 ug/L	1410240	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	96
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
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Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

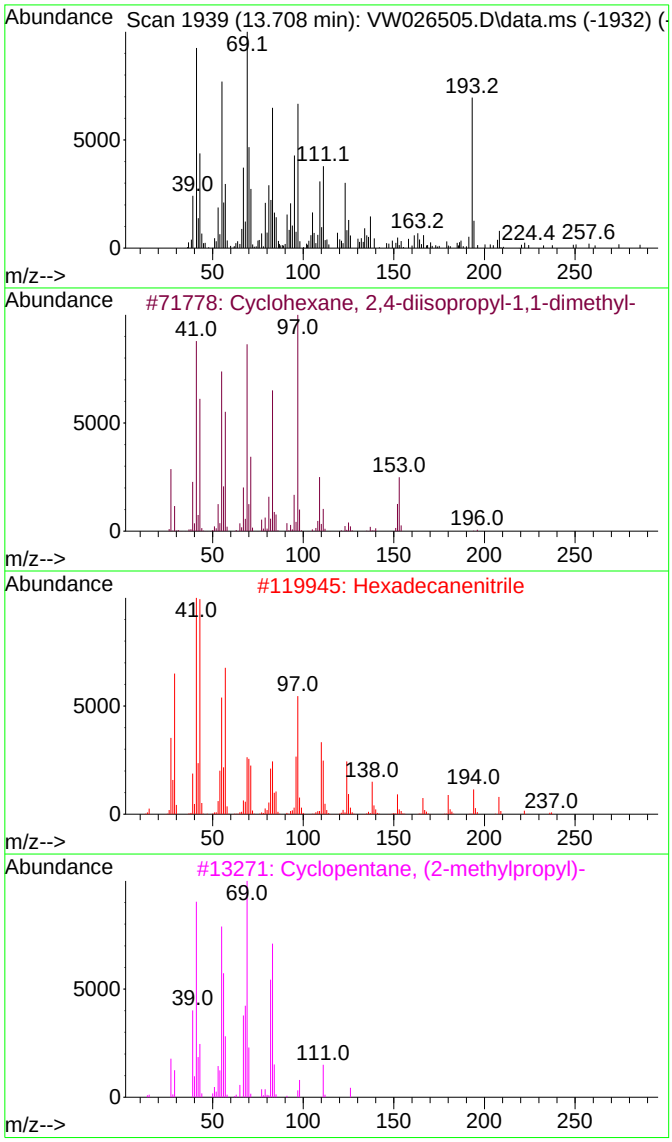
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

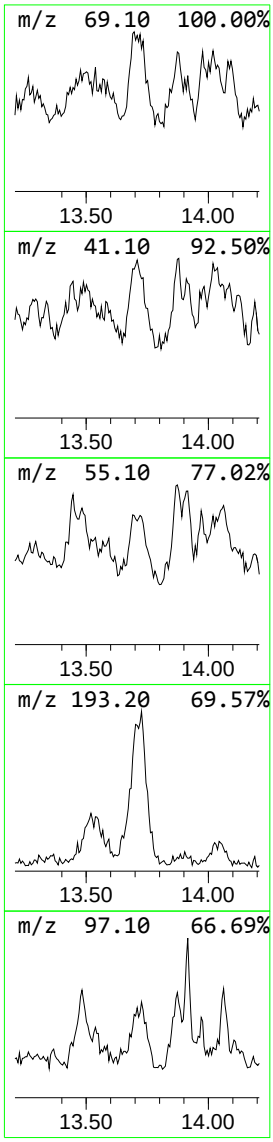
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic13.708 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.708	14.73 ug/L	107175	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	38
2	Hexadecanenitrile	237	C16H31N	000629-79-8	35
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
4	Cetene	224	C16H32	000629-73-2	27
5	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
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Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

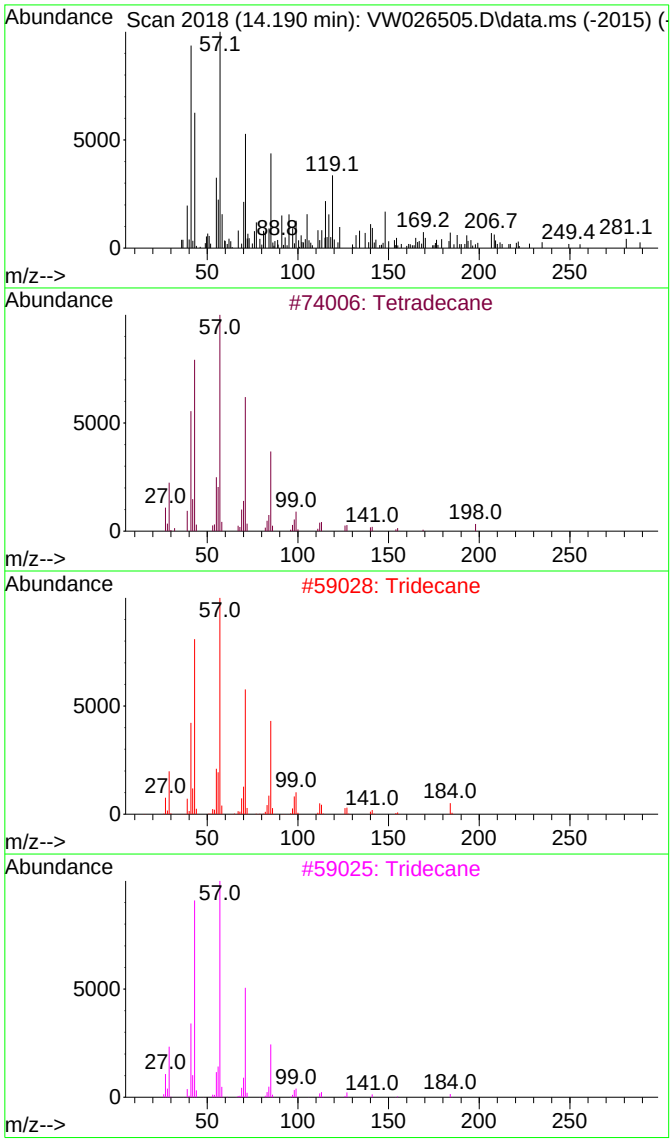
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

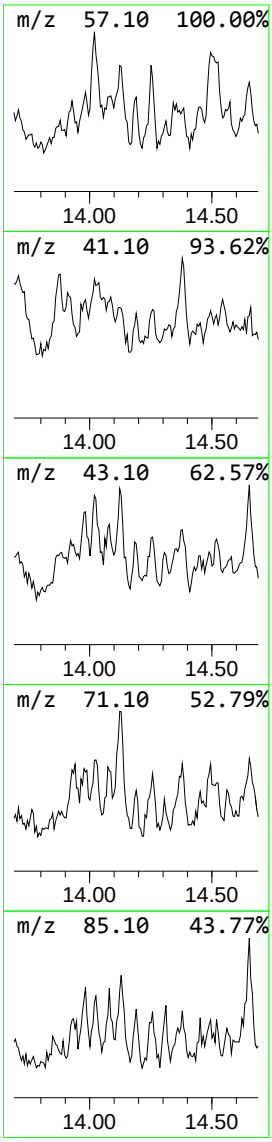
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	4.11 ug/L	29905	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	Tridecane	184	C13H28	000629-50-5	53
3	Tridecane	184	C13H28	000629-50-5	49
4	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	49
5	Tridecane	184	C13H28	000629-50-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

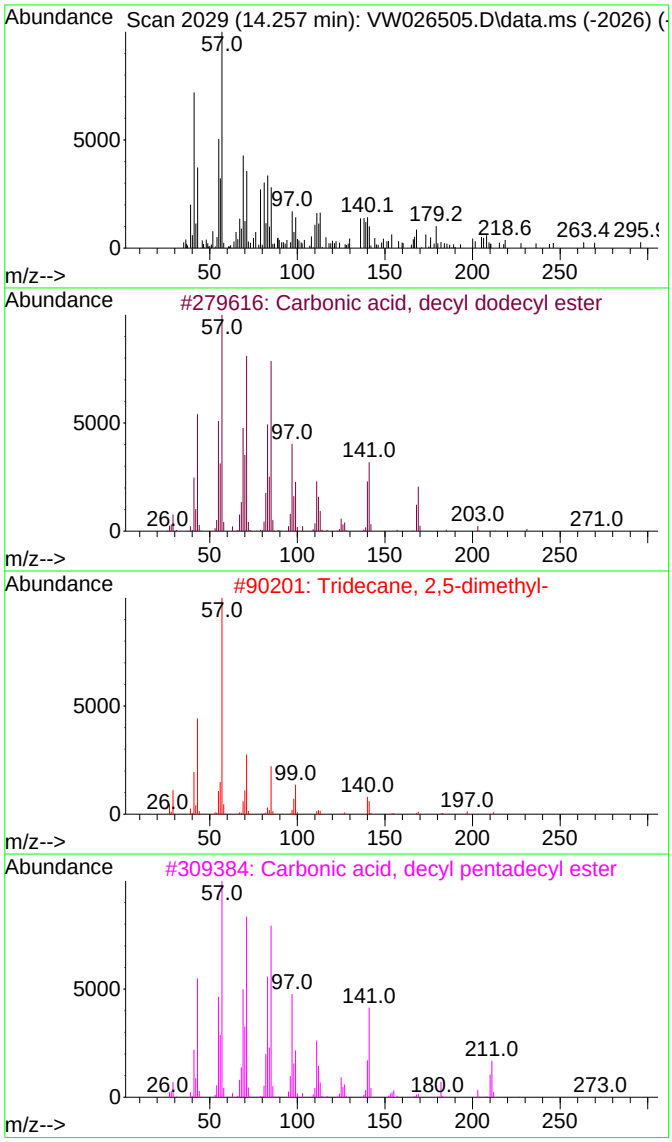
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

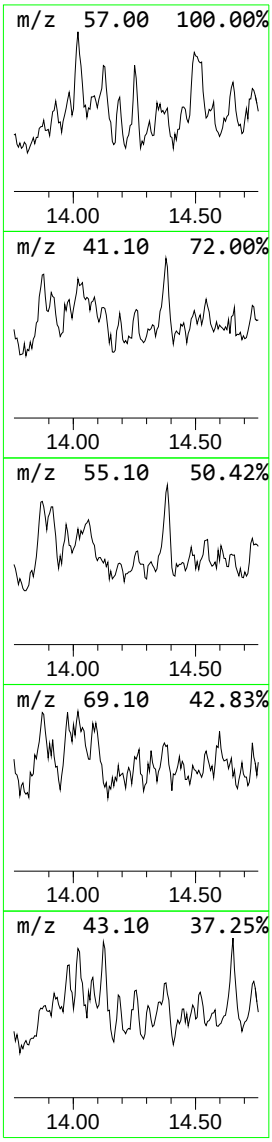
****

Peak Number 6 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	6.48 ug/L	47161	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	38
2	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	35
3	Carbonic acid, decyl pentadecyl ...	412	C26H52O3	1000383-16-4	35
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	25
5	Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

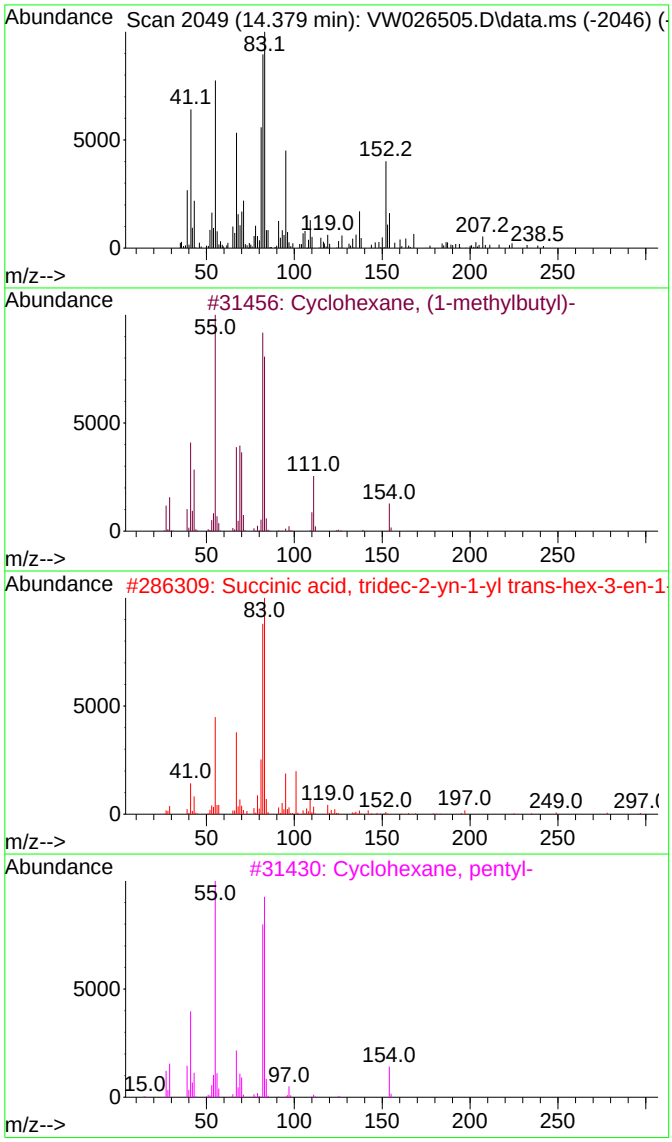
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

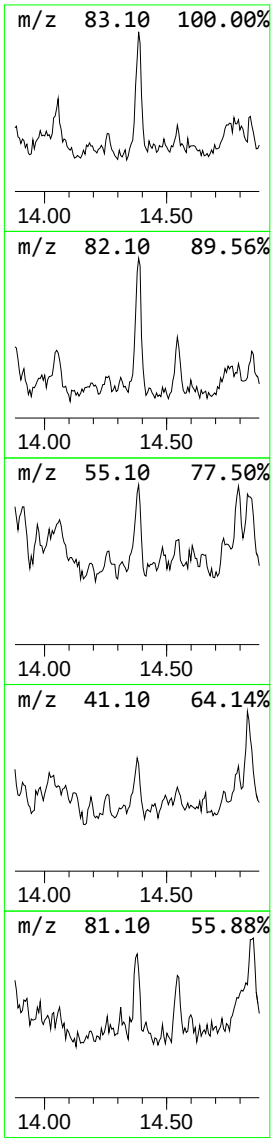
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic14.379 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	13.01 ug/L	94658	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
2	Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	47
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	45
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

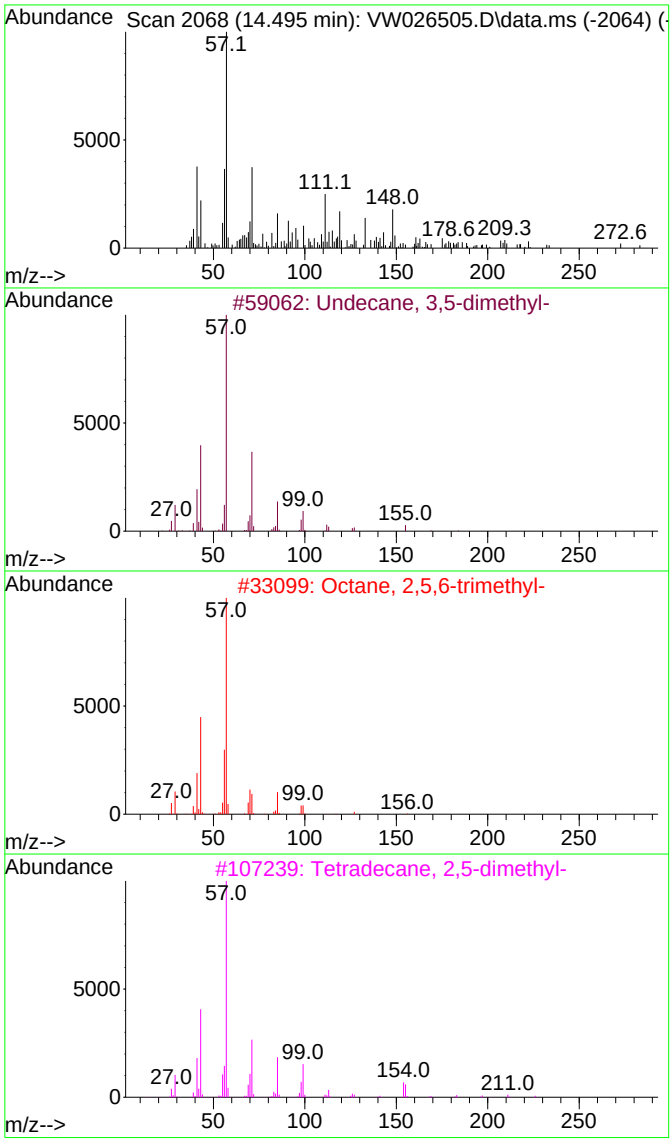
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

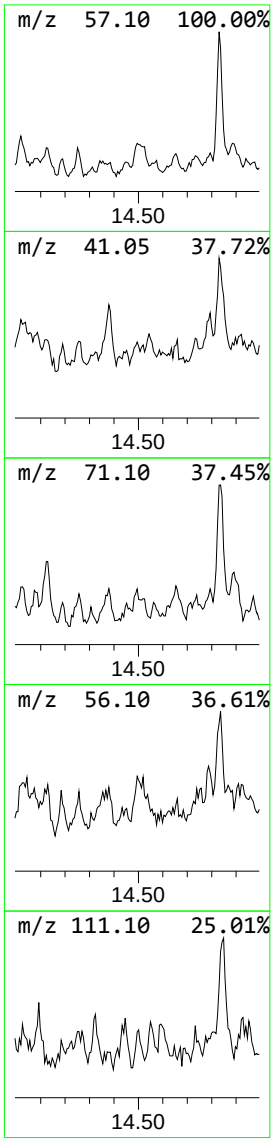
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	4.85 ug/L	35294	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	38
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38
3	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	38
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	38





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Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

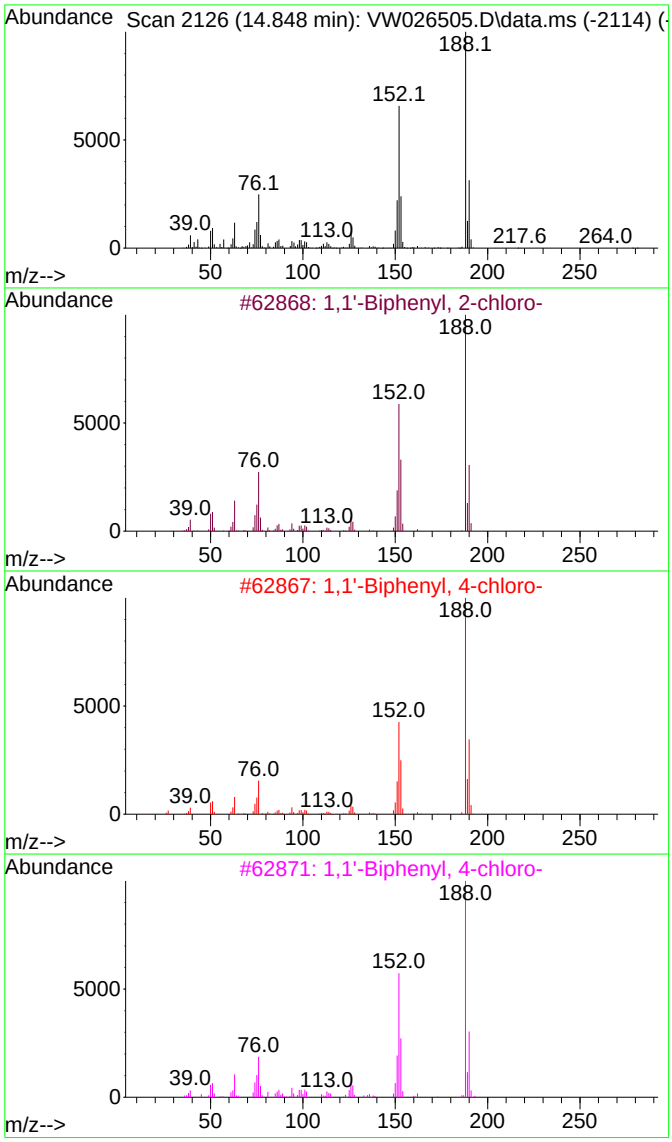
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

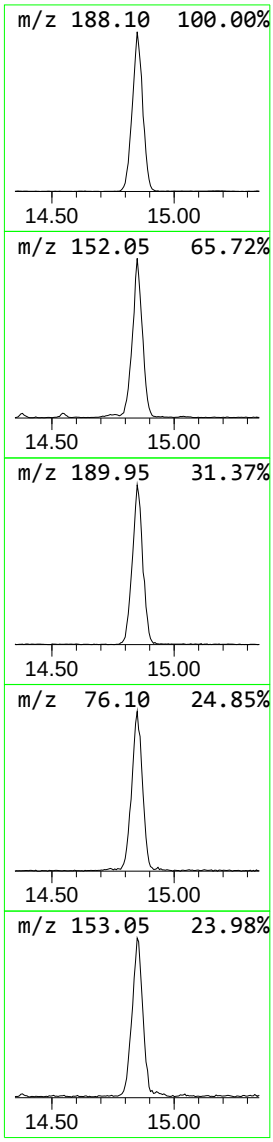
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	315.73 ug/L	2297780	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

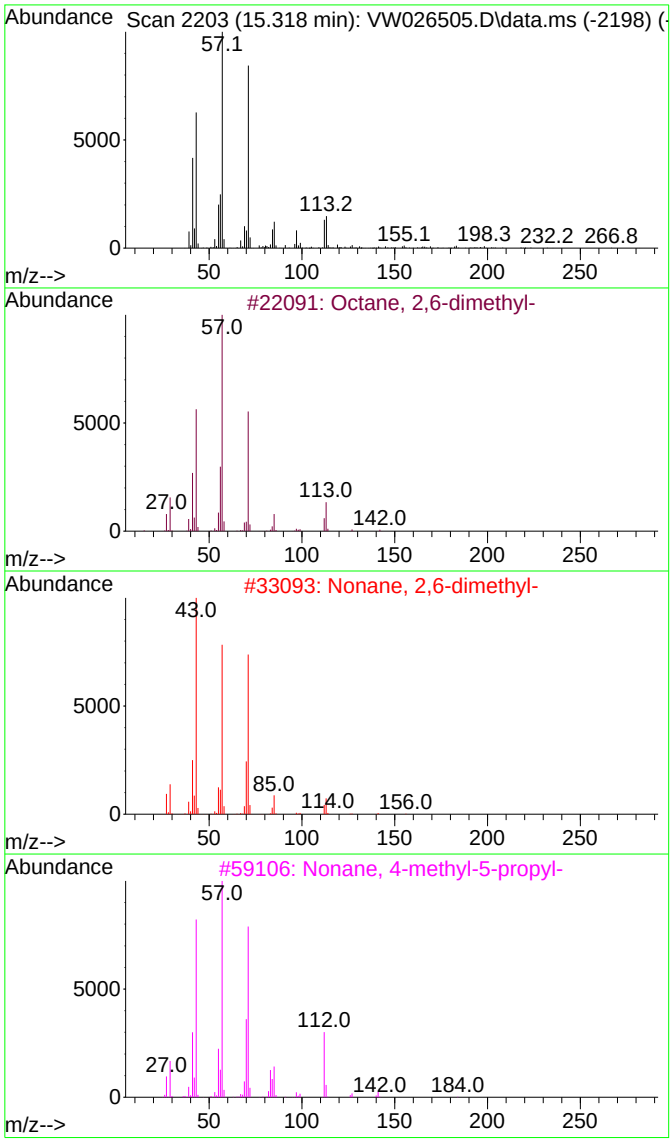
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

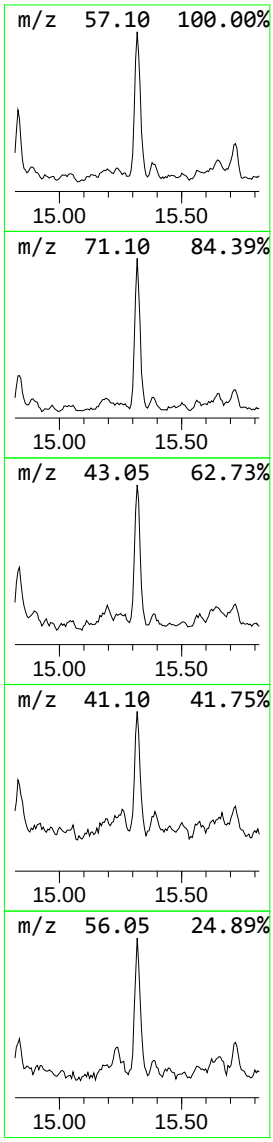
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	55.33 ug/L	402700	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

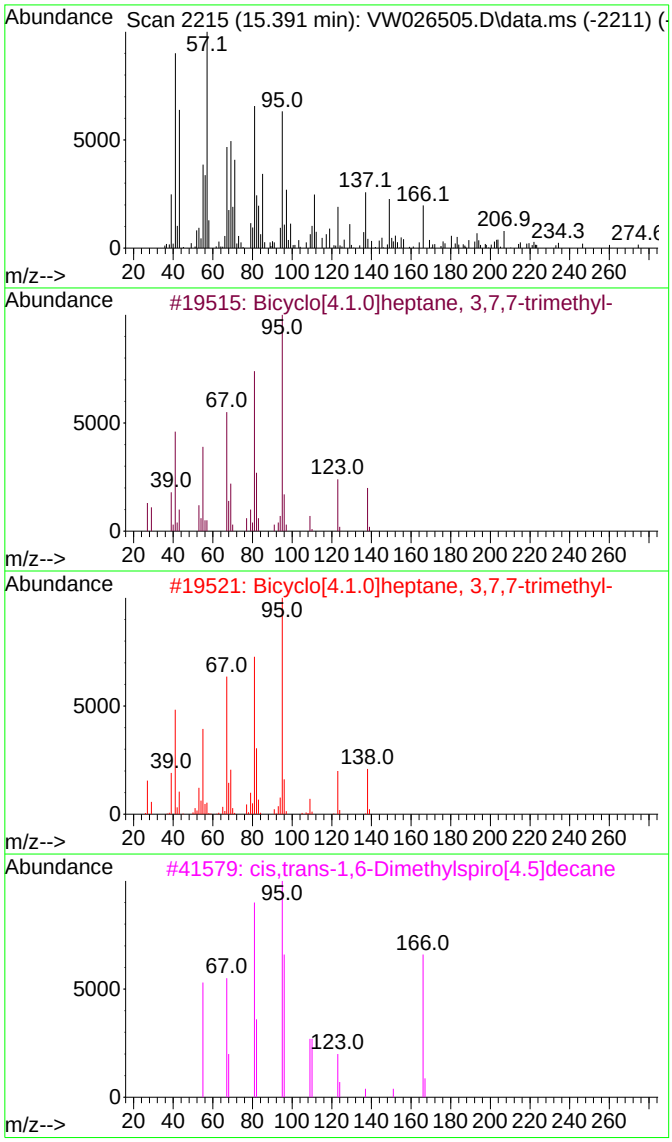
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

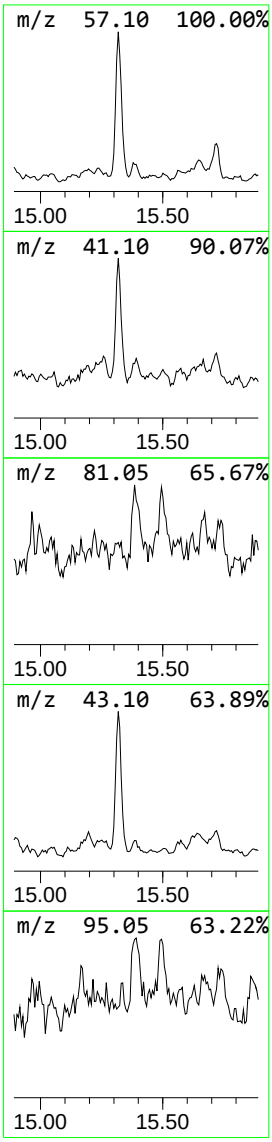
****

Peak Number 11 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	10.44 ug/L	75956	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	47
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	35
3	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	30
4	(2-Penta-2,4-dienyl-cyclohexyl)-...	180	C12H20O	1000186-20-6	30
5	cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

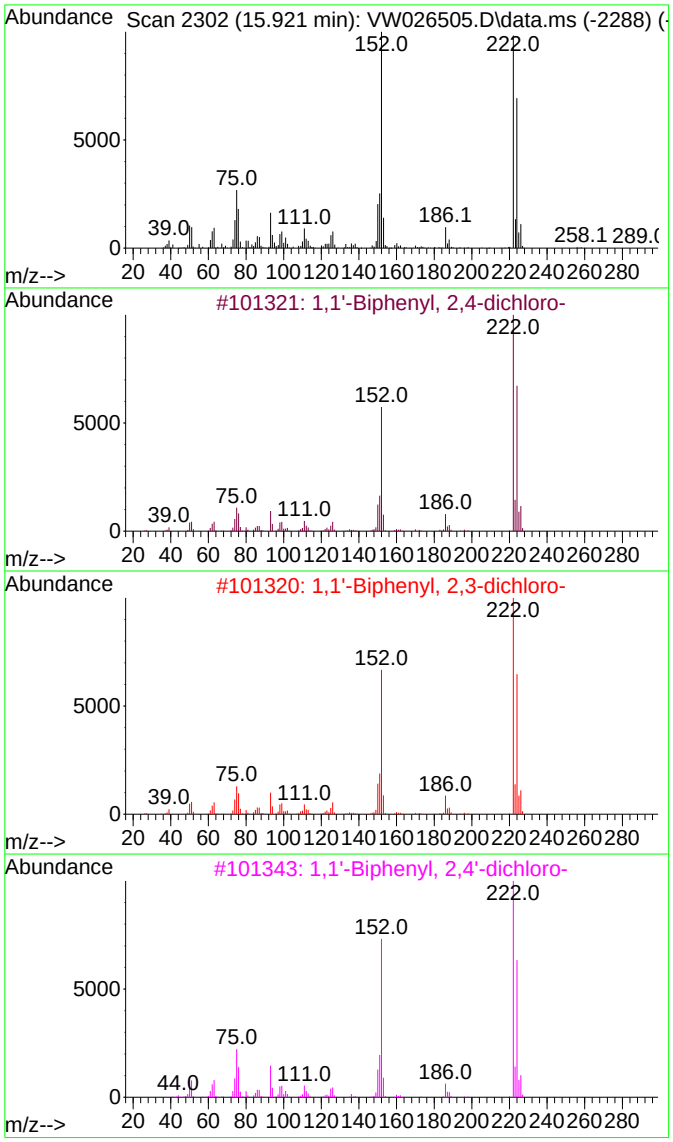
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

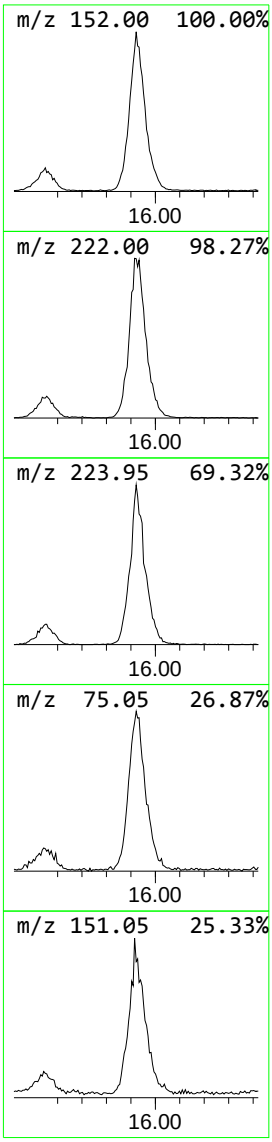
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	259.41 ug/L	1887910	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	99





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

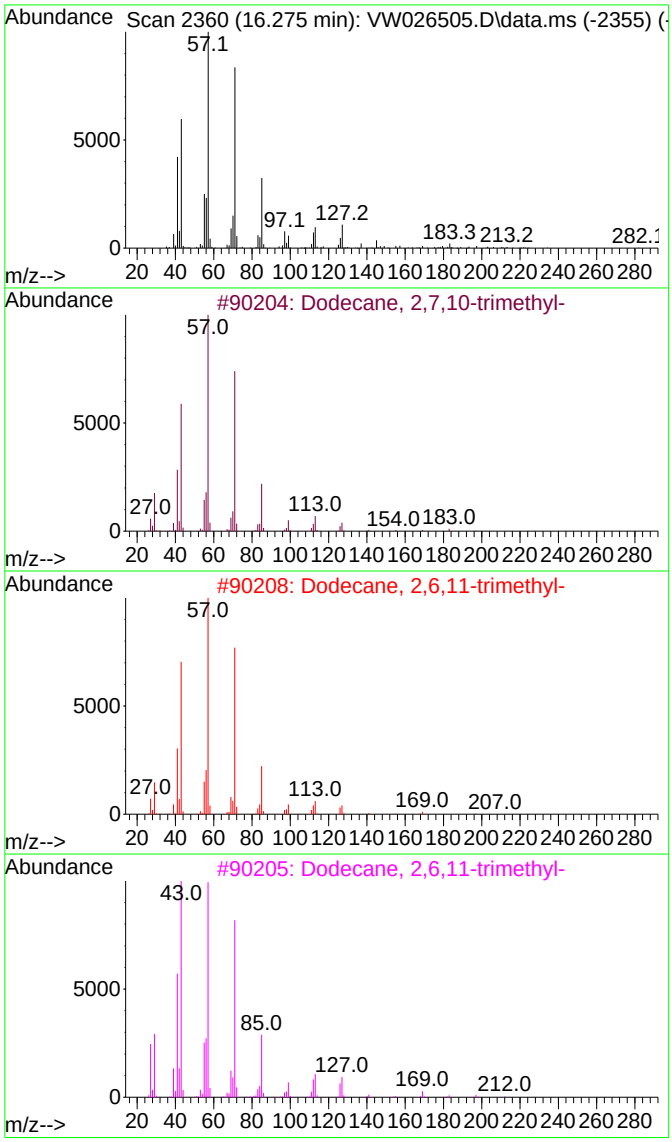
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

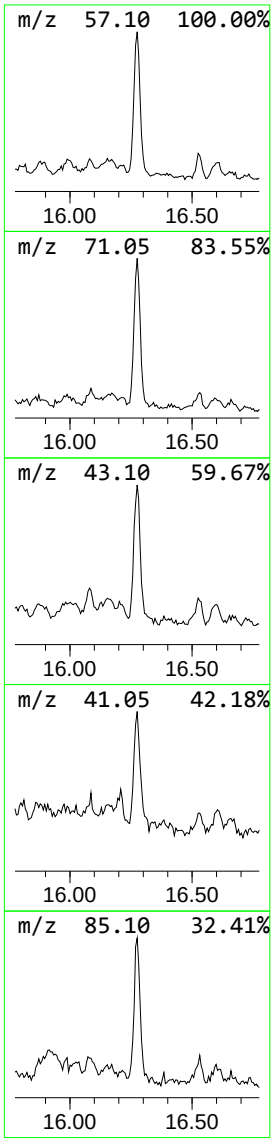
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	39.58 ug/L	288070	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

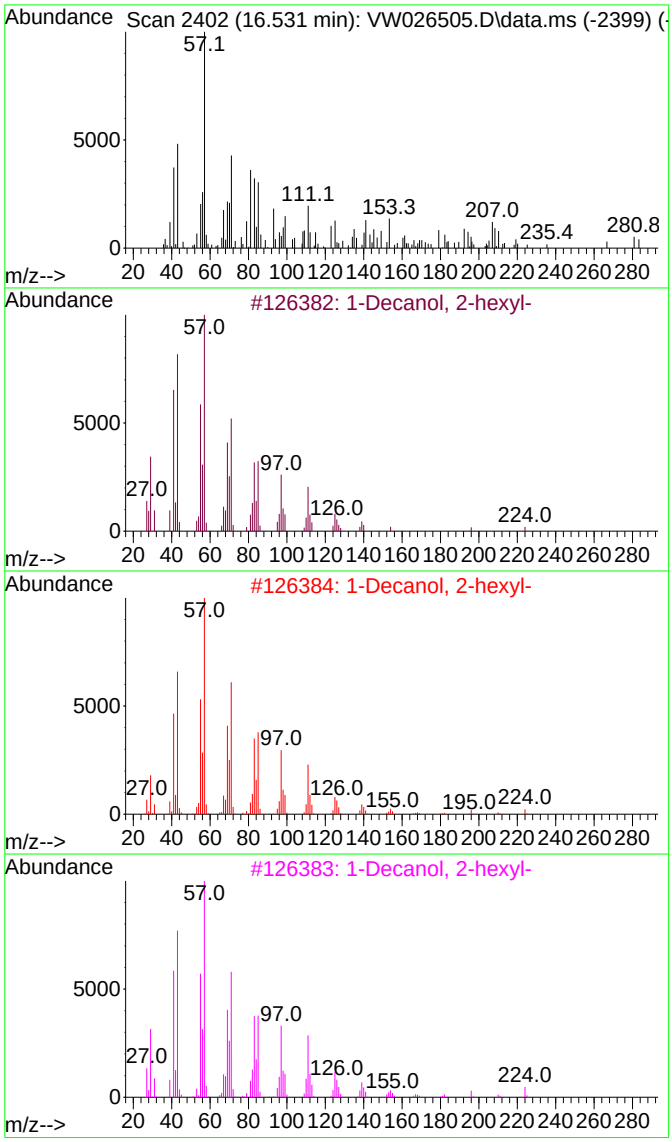
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

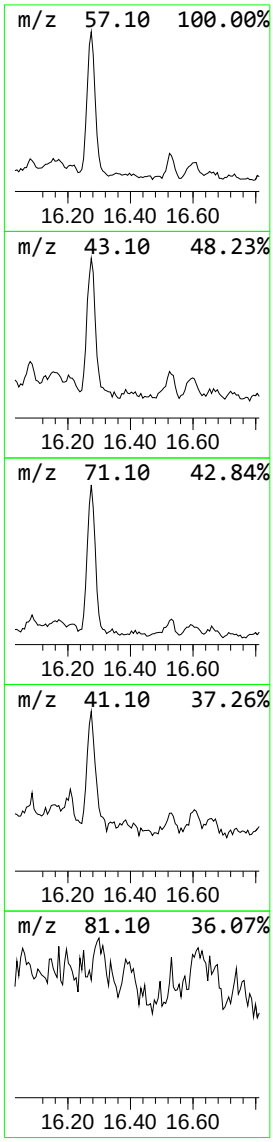
****

Peak Number 14 1-Decanol, 2-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	5.79 ug/L	42143	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	52
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	49
5	Isobutyl tetratriacontyl ether	551	C38H78O	1000406-33-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026505.D
Acq On : 01 Jul 2023 05:12
Operator : SY/MD
Sample : 03501-11
Misc : 4.87g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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
Sulfur dioxide	2.149	3.3	ug/L	38962	1	8.843	296454	25.0
1,1'-Biphenyl, ...	12.989	193.8	ug/L	1410240	3	13.556	181942	25.0
(DEL) Alkane: C...	13.708	14.7	ug/L	107175	3	13.556	181942	25.0
(DEL) Alkane: S...	14.190	4.1	ug/L	29905	3	13.556	181942	25.0
unknown-01	14.257	6.5	ug/L	47161	3	13.556	181942	25.0
(DEL) Alkane: C...	14.379	13.0	ug/L	94658	3	13.556	181942	25.0
(DEL) Alkane: S...	14.495	4.8	ug/L	35294	3	13.556	181942	25.0
1,1'-Biphenyl, ...	14.848	315.7	ug/L	2297780	3	13.556	181942	25.0
(DEL) Alkane: S...	15.318	55.3	ug/L	402700	3	13.556	181942	25.0
unknown-02	15.391	10.4	ug/L	75956	3	13.556	181942	25.0
1,1'-Biphenyl, ...	15.921	259.4	ug/L	1887910	3	13.556	181942	25.0
(DEL) Alkane: S...	16.275	39.6	ug/L	288070	3	13.556	181942	25.0
1-Decanol, 2-he...	16.531	5.8	ug/L	42143	3	13.556	181942	25.0