LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

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\SFAMWLM091823SMA.M
Title : SFAM01.0

Signal : TIC: VW027152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.235	49	57	58	rBV7	5995	12451	2.00%	0.141%
2	2.344	72	75	81	rVV3	13301	34406	5.52%	0.390%
3	2.393	81	83	87	rVV5	8116	12194	1.96%	0.138%
4	2.893	160	165	171	rVB	7177	12947	2.08%	0.147%
5	3.862	319	324	325	rBV3	13879	15486	2.48%	0.176%
6	4.021	346	350	363	rBV3	14560	42837	6.87%	0.486%
7	4.240	382	386	388	rBV5	6645	12155	1.95%	0.138%
8	4.259	388	389	395	rVB6	9630	11290	1.81%	0.128%
9	4.399	409	412	417	rVB2	11850	17273	2.77%	0.196%
10	4.484	425	426	429	rBV3	7291	6886	1.10%	0.078%
11	4.588	440	443	445	rVV4	5750	7388	1.18%	0.084%
12	4.734	464	467	470	rBV5	15822	23493	3.77%	0.266%
13	4.960	502	504	506	rBV3	9301	10008	1.60%	0.113%
14	5.033	512	516	526	rBV3	22018	64281	10.31%	0.729%
15	5.307	557	561	566	rVV7	6750	12390	1.99%	0.140%
16	5.350	566	568	576	rVB9	17598	31238	5.01%	0.354%
17	5.533	596	598	603	rVB6	5518	6600	1.06%	0.075%
18	5.582	603	606	609	rBV5	5476	7412	1.19%	0.084%
19	5.655	616	618	622	rBV5	6402	10820	1.73%	0.123%
20	5.783	635	639	656	rBV5	25907	128789	20.65%	1.460%
21	6.167	699	702	708	rBV7	15561	24597	3.94%	0.279%
22	6.271	717	719	722	rVB4	8471	9102	1.46%	0.103%
23	6.313	722	726	731	rBV6	28355	77126	12.37%	0.874%
24	6.831	808	811	816	rBV7	3866	8597	1.38%	0.097%
25	6.880	816	819	821	rVB4	9896	9411	1.51%	0.107%
26	6.905	821	823	827	rBV5	4903	6495	1.04%	0.074%
27	6.941	827	829	831	rVV3	9586	11940	1.91%	0.135%
28	6.978	834	835	840	rVB5	13928	14452	2.32%	0.164%
29	7.648	938	945	957	rBV2	15663	40681	6.52%	0.461%
30	8.276	1038	1048	1061	rBV2	28076	89616	14.37%	1.016%
31	8.575	1092	1097	1104	rVB2	3379	8186	1.31%	0.093%
32	8.691	1108	1116	1124	rBV10	6304	16519	2.65%	0.187%
33	8.843	1132	1141	1151	rBV	26782	59877	9.60%	0.679%
34	9.270	1203	1211	1217	rBV	20702	48642	7.80%	0.551%
35	9.337	1217	1222	1229	rVV3	23192	49052	7.87%	0.556%
36	9.520	1246	1252	1256	rBV6	4398	9609	1.54%	0.109%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
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Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

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\SFAMWLM091823SMA.M
Title : SFAM01.0

37	9.745	1286	1289	1298	rVB9	5074	10576	1.70%	0.120%
38	9.959	1319	1324	1333	rVV4	17033	37267	5.98%	0.422%
39	10.038	1333	1337	1340	rVV3	4370	6510	1.04%	0.074%
40	10.093	1340	1346	1354	rVB4	12556	27949	4.48%	0.317%
41	10.325	1376	1384	1388	rBV	58939	116729	18.72%	1.323%
42	10.361	1388	1390	1394	rBV5	13944	19852	3.18%	0.225%
43	10.434	1400	1402	1406	rVB5	5920	7466	1.20%	0.085%
44	10.501	1407	1413	1420	rBV	82943	153022	24.54%	1.735%
45	10.660	1435	1439	1445	rVB2	35859	61794	9.91%	0.701%
46	10.758	1451	1455	1463	rVB5	14761	28850	4.63%	0.327%
47	10.940	1480	1485	1490	rBV3	16505	28239	4.53%	0.320%
48	11.032	1497	1500	1507	rVB3	11002	20003	3.21%	0.227%
49	11.105	1508	1512	1516	rBV2	27492	44642	7.16%	0.506%
50	11.178	1516	1524	1528	rVV	102148	180517	28.94%	2.047%
51	11.227	1528	1532	1538	rVB2	40363	74613	11.96%	0.846%
52	11.337	1545	1550	1554	rBV4	22529	41411	6.64%	0.469%
53	11.404	1554	1561	1572	rVB4	62180	175254	28.10%	1.987%
54	11.507	1573	1578	1584	rBV	56494	96935	15.54%	1.099%
55	11.635	1593	1599	1605	rBV	46856	117288	18.81%	1.330%
56	11.727	1610	1614	1618	rVB2	30133	46437	7.45%	0.526%
57	11.837	1622	1632	1636	rBV2	193151	404392	64.84%	4.585%
58	12.166	1676	1686	1691	rBV2	140637	335660	53.82%	3.805%
59	12.251	1695	1700	1704	rVB	64476	100305	16.08%	1.137%
60	12.367	1704	1719	1730	rBV6	136026	507048	81.30%	5.748%
61	12.471	1730	1736	1739	rBV4	94500	184382	29.56%	2.090%
62	12.538	1744	1747	1755	rVV	93716	174360	27.96%	1.977%
63	12.617	1758	1760	1762	rVV3	17363	18733	3.00%	0.212%
64	12.647	1762	1765	1768	rVV	47051	56263	9.02%	0.638%
65	12.690	1768	1772	1782	rVB6	30272	77531	12.43%	0.879%
66	12.775	1782	1786	1794	rVB5	61915	121246	19.44%	1.375%
67	12.861	1794	1800	1804	rBV4	72246	136581	21.90%	1.548%
68	12.940	1804	1813	1818	rVV3	277383	623660	100.00%	7.070%
69	12.989	1818	1821	1825	rVB2	57983	87170	13.98%	0.988%
70	13.074	1830	1835	1837	rBV4	58056	93418	14.98%	1.059%
71	13.160	1845	1849	1855	rVB	219950	319856	51.29%	3.626%
72	13.245	1859	1863	1868	rBV	131316	198287	31.79%	2.248%
73	13.288	1868	1870	1874	rVB3	43930	50587	8.11%	0.573%
74	13.342	1875	1879	1882	rBV3	55521	95055	15.24%	1.078%
75	13.440	1888	1895	1899	rBV5	243713	523457	83.93%	5.934%
76	13.483	1899	1902	1905	rVV2	163588	263971	42.33%	2.993%

LSC Area Percent Report

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Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

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\SFAMWLM091823SMA.M
Title : SFAM01.0

77	13.513	1905	1907	1911	rVV	94493	115030	18.44%	1.304%
78	13.580	1914	1918	1922	rVB	143164	210140	33.69%	2.382%
79	13.696	1932	1937	1940	rBV4	44078	79091	12.68%	0.897%
80	13.787	1948	1952	1956	rBV2	48147	65876	10.56%	0.747%
81	13.873	1960	1966	1970	rBV4	263668	484418	77.67%	5.492%
82	13.915	1970	1973	1976	rVB2	54371	75932	12.18%	0.861%
83	14.013	1985	1989	1999	rVV7	59851	184140	29.53%	2.088%
84	14.092	1999	2002	2005	rVB2	44659	53375	8.56%	0.605%
85	14.196	2014	2019	2025	rBV3	85379	166381	26.68%	1.886%
86	14.257	2025	2029	2035	rVB7	41747	85558	13.72%	0.970%
87	14.342	2036	2043	2045	rBV6	61059	128767	20.65%	1.460%
88	14.379	2046	2049	2054	rVB3	136380	191762	30.75%	2.174%
89	14.495	2064	2068	2071	rVB5	26329	38783	6.22%	0.440%
90	14.543	2071	2076	2082	rVB5	71735	130974	21.00%	1.485%
91	14.592	2082	2084	2085	rBV2	12242	11188	1.79%	0.127%
92	14.781	2112	2115	2121	rBV4	36571	76188	12.22%	0.864%
93	14.958	2141	2144	2148	rBV5	14478	22645	3.63%	0.257%
94	15.665	2258	2260	2264	rVB5	6608	6828	1.09%	0.077%
95	16.068	2323	2326	2328	rBV4	5054	6590	1.06%	0.075%
96	16.159	2339	2341	2346	rVV6	6367	6561	1.05%	0.074%
97	16.226	2350	2352	2356	rBV5	10693	13682	2.19%	0.155%
98	16.403	2378	2381	2387	rBV8	8852	15996	2.56%	0.181%
99	16.665	2422	2424	2428	rBV5	9241	9886	1.59%	0.112%
100	16.775	2440	2442	2444	rBV3	9283	9404	1.51%	0.107%

Sum of corrected areas: 8820757

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Data File : VW027152.D
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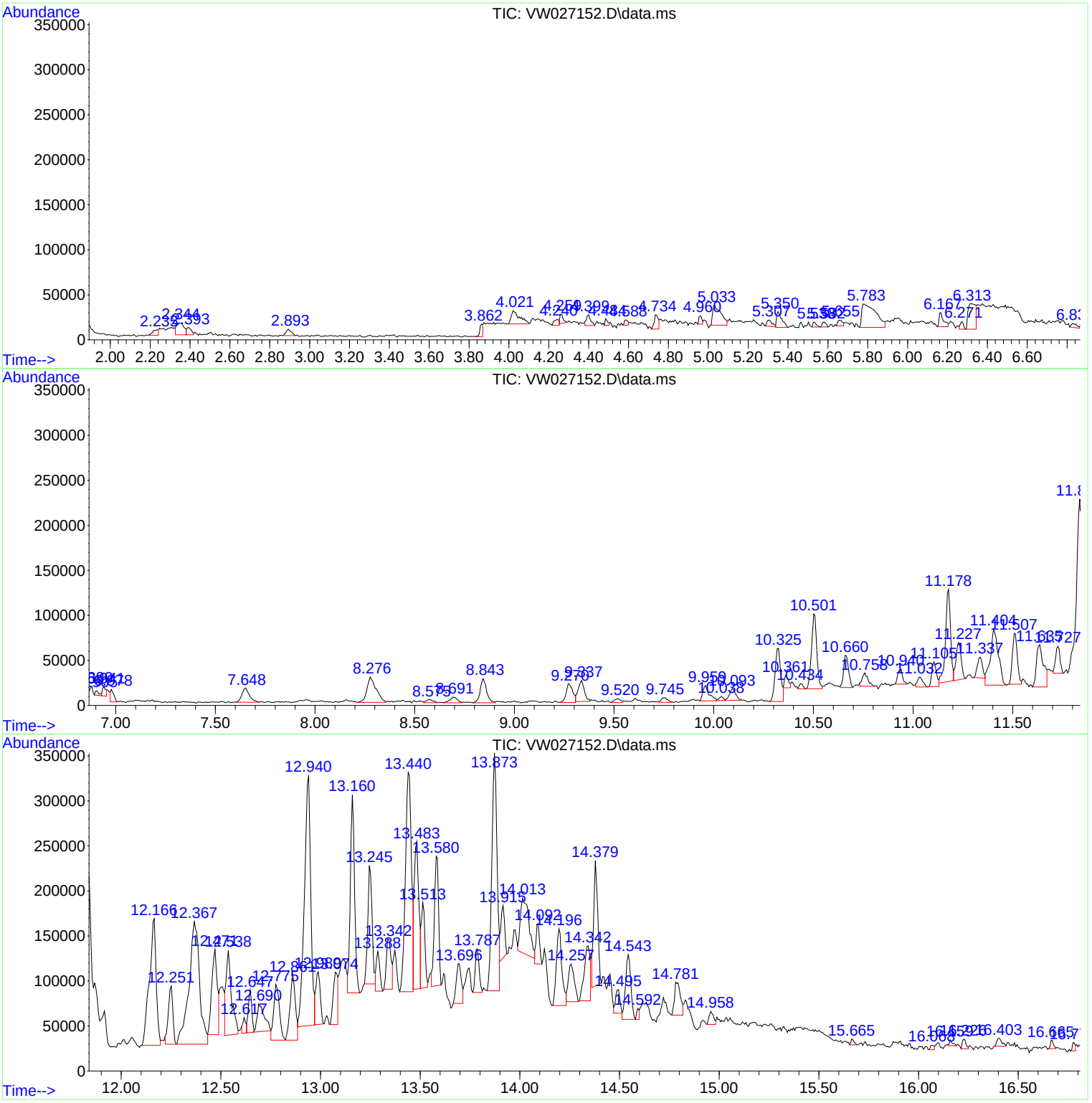
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

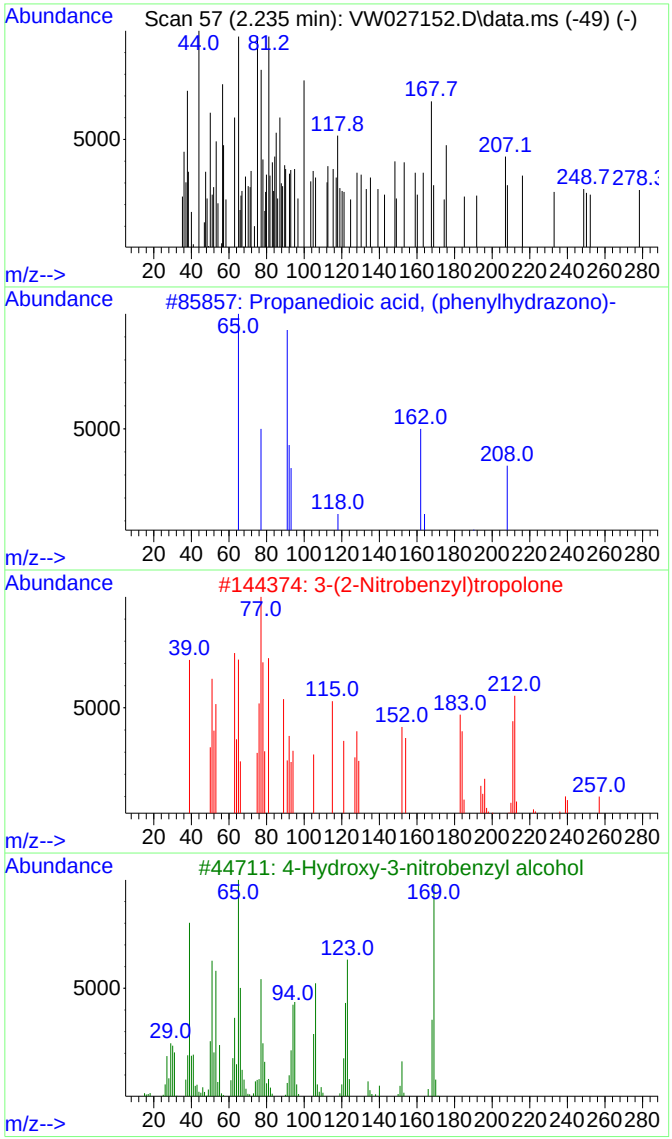
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

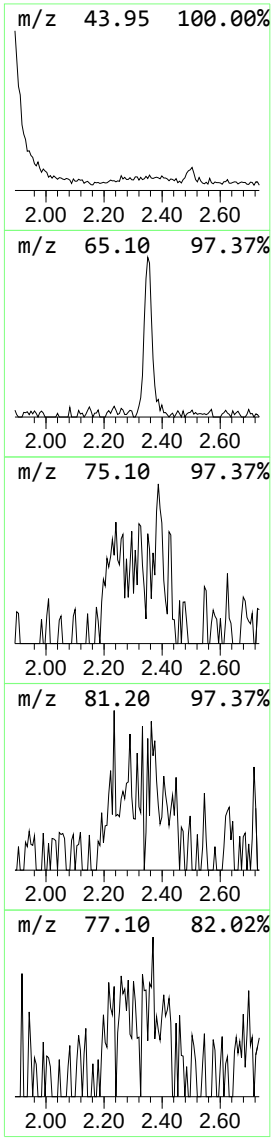
****

Peak Number 1 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.235	5.20 ug/L	12451	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (phenylhydraz...	208	C9H8N2O4	040885-82-3	43
2	3-(2-Nitrobenzyl)tropolone	257	C14H11NO4	1000433-33-1	35
3	4-Hydroxy-3-nitrobenzyl alcohol	169	C7H7NO4	041833-13-0	18
4	Carbonic acid, thio-, O-methyl O...	168	C8H8O2S	001007-37-0	14
5	Chlorodifluoromethyl trifluorome...	218	C2ClF5S2	020614-28-2	13





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

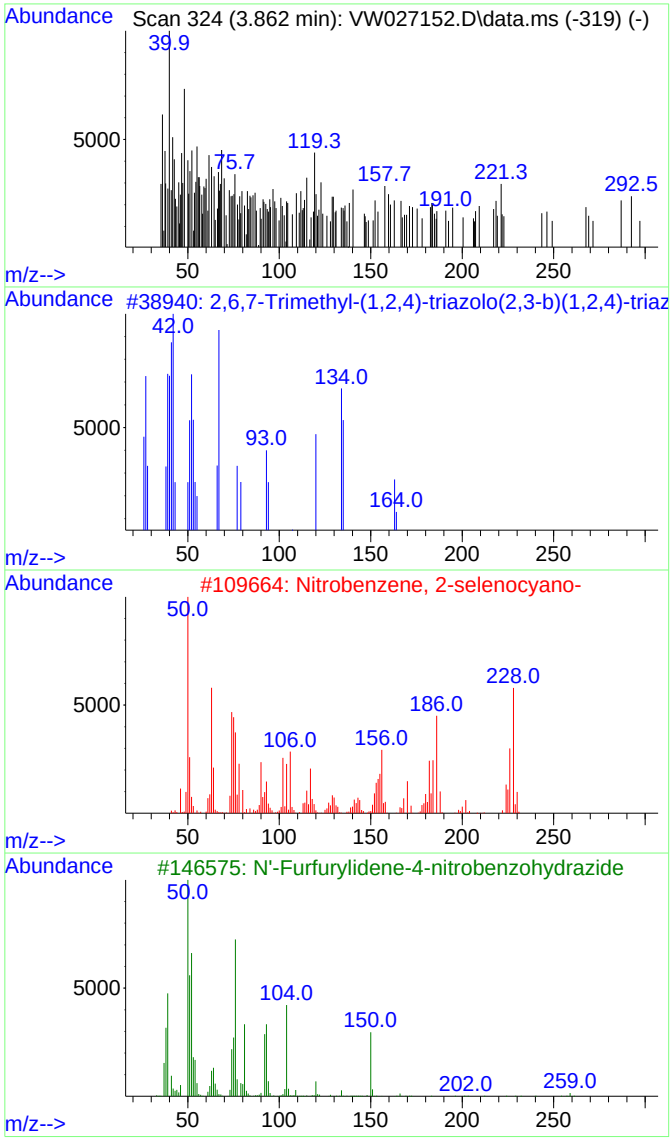
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

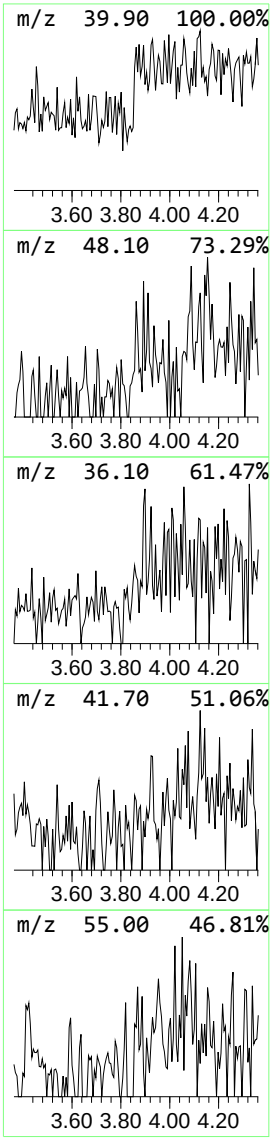
****

Peak Number 2 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.862	6.47 ug/L	15486	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,7-Trimethyl-(1,2,4)-triazolo...	163	C7H9N5	061139-77-3	25
2	Nitrobenzene, 2-selenocyano-	228	C7H4N2O2Se	051694-18-9	22
3	N'-Furfurylidene-4-nitrobenzohyd...	259	C12H9N3O4	117824-92-7	16
4	Phenol, 4-(2-amino-5-nitrophenyl...	287	C14H13N3O4	306744-56-9	14
5	4-Bromo-1-methylpyrazole	160	C4H5BrN2	015803-02-8	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

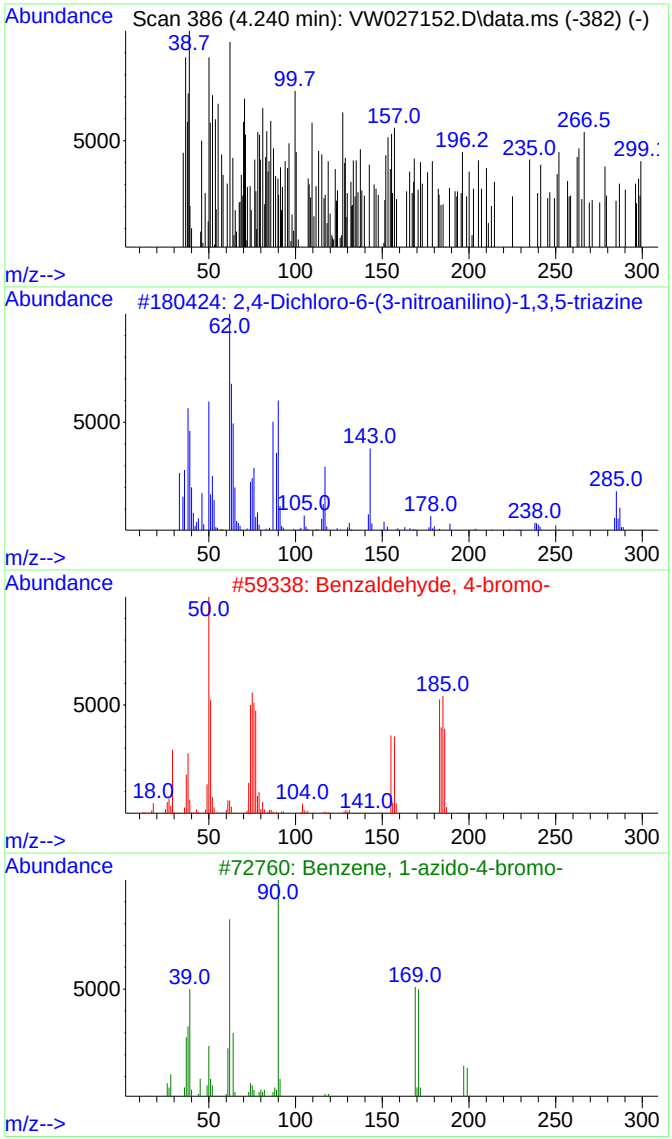
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

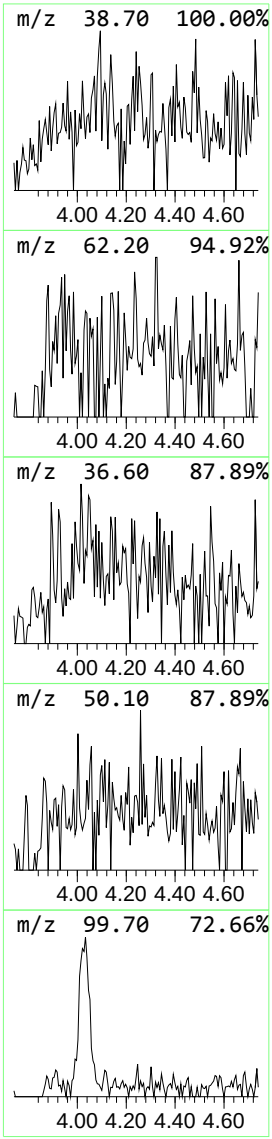
****

Peak Number 3 unknown-03 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.240	5.07 ug/L	12155	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dichloro-6-(3-nitroanilino)-...	285	C9H5Cl2N5O2	002352-39-8	42
2	Benzaldehyde, 4-bromo-	184	C7H5BrO	001122-91-4	25
3	Benzene, 1-azido-4-bromo-	197	C6H4BrN3	002101-88-4	16
4	1-Azabicyclo[10.2.0]tetradeca-4,...	205	C13H19NO	056771-88-1	15
5	Cyclohexanone, O-methyloxime	127	C7H13NO	013858-85-0	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

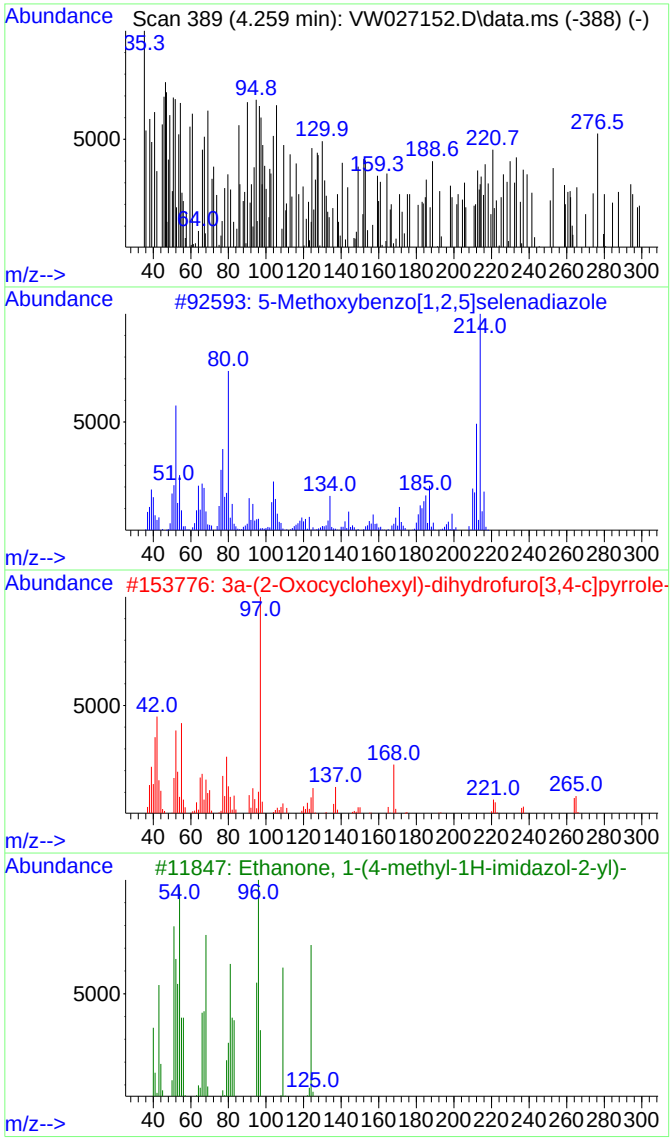
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

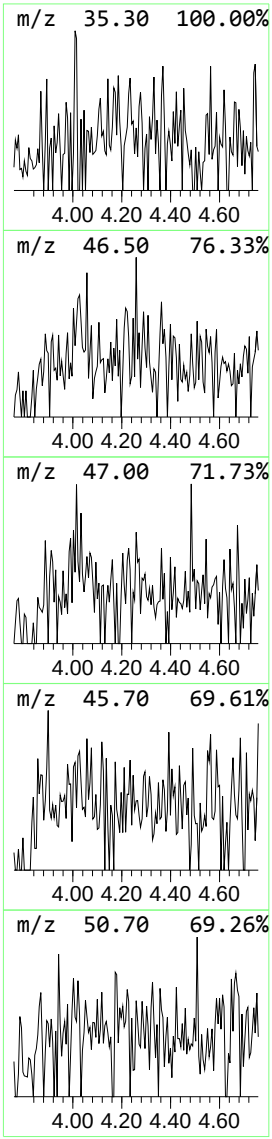
****

Peak Number 4 unknown-04 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.259	4.71 ug/L	11290	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methoxybenzo[1,2,5]selenadiazole	214	C7H6N2OSe	001126-12-1	32
2	3a-(2-Oxocyclohexyl)-dihydrofuro...	265	C12H11NO6	1000410-57-7	32
3	Ethanone, 1-(4-methyl-1H-imidazo...	124	C6H8N2O	002524-90-5	25
4	Phenol, 4-(2-amino-5-nitrophenyl...	287	C14H13N3O4	306744-56-9	16
5	Benzo[e]pyren-9(2H)-one, 1,3,6,7...	276	C20H20O	068151-08-6	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

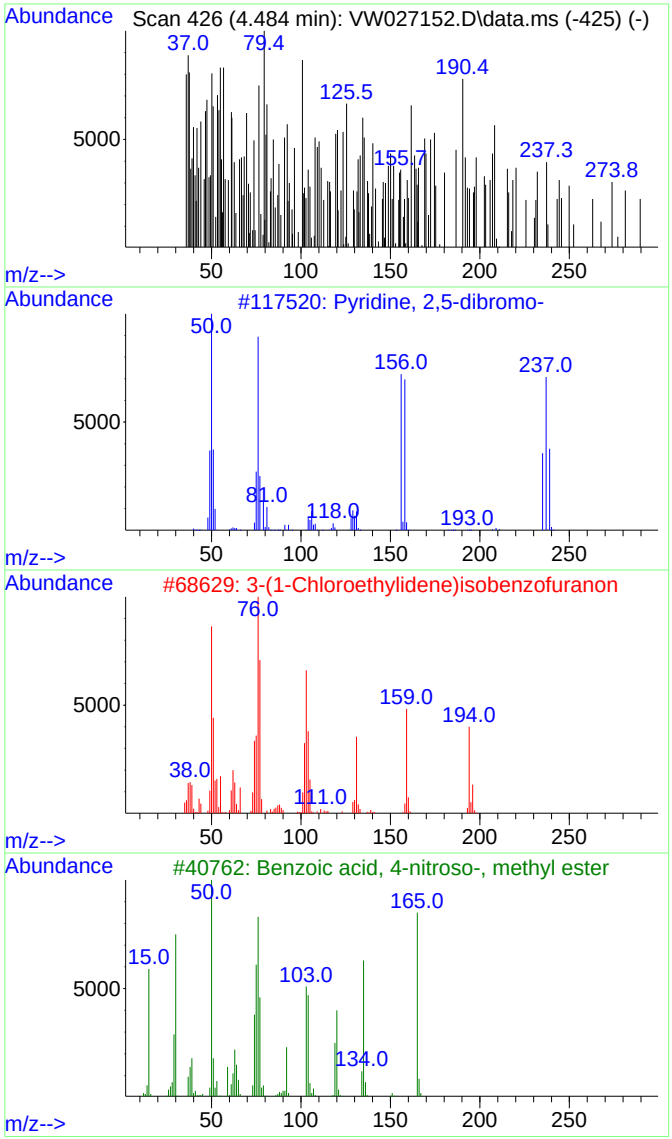
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

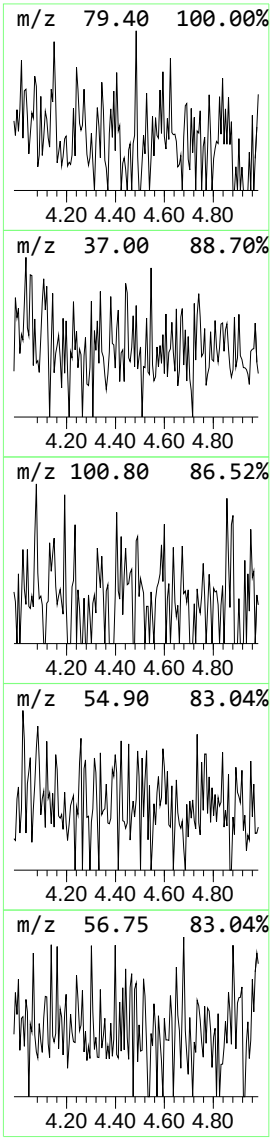
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pyridine, 2,5-dibromo- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.484	2.88 ug/L	6886	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-dibromo-	235	C5H3Br2N	000624-28-2	50
2	3-(1-Chloroethylidene)isobenzofu...	194	C10H7ClO2	1000215-83-8	46
3	Benzoic acid, 4-nitroso-, methyl...	165	C8H7NO3	013170-28-0	35
4	Saccharin	183	C7H5NO3S	000081-07-2	35
5	2-[3,4-Dichlorophenyl]quinazoline	274	C14H8Cl2N2	1000252-23-4	25





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Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

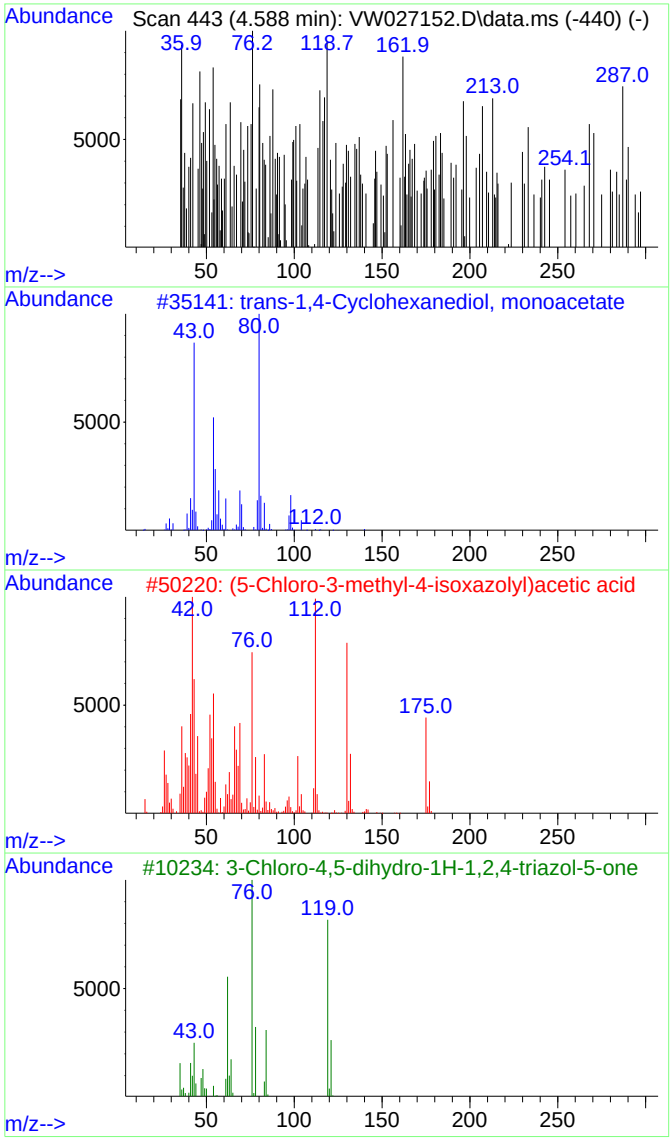
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

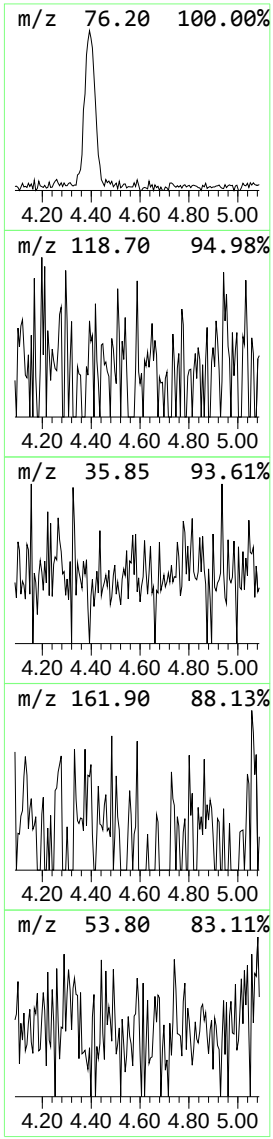
****

Peak Number 6 unknown-05 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.588	3.08 ug/L	7388	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,4-Cyclohexanediol, monoa...	158	C8H14O3	1000384-16-1	22
2	(5-Chloro-3-methyl-4-isoxazolyl)...	175	C6H6ClNO3	1239758-91-8	11
3	3-Chloro-4,5-dihydro-1H-1,2,4-tr...	119	C2H2ClN3O	001003-34-5	11
4	1,2,3-Triazol-1-ylacetic acid	127	C4H5N3O2	004314-22-1	11
5	Dimexano	214	C4H6O2S4	001468-37-7	11





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Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

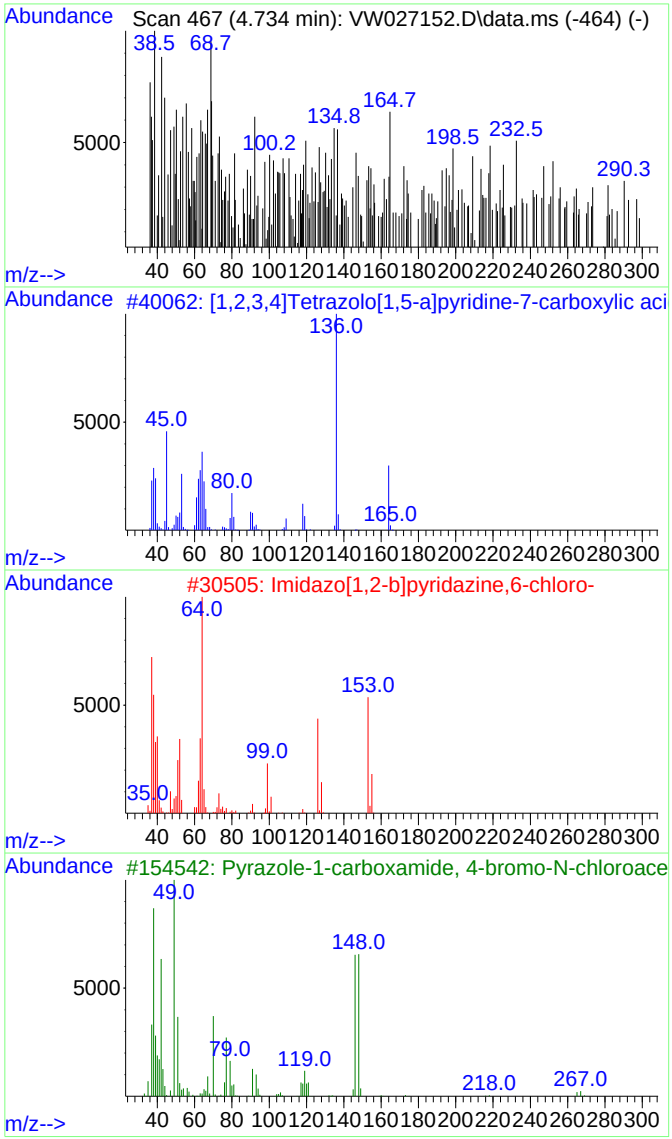
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

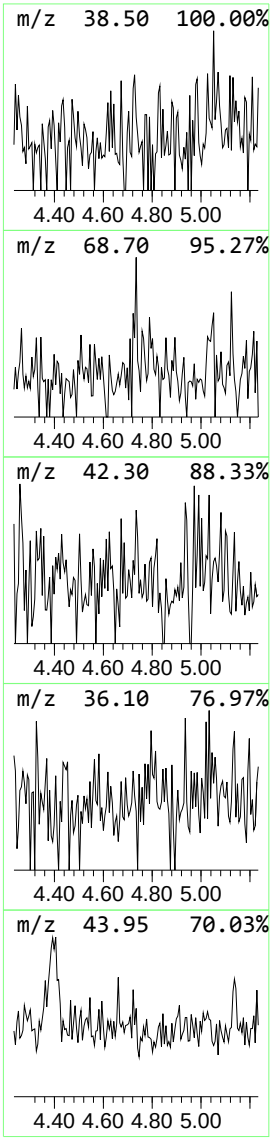
****

Peak Number 7 unknown-06 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.734	9.81 ug/L	23493	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,3,4]Tetrazolo[1,5-a]pyridin...	164	C6H4N4O2	120613-46-9	41
2	Imidazo[1,2-b]pyridazine,6-chloro-	153	C6H4ClN3	006775-78-6	35
3	Pyrazole-1-carboxamide, 4-bromo-...	265	C6H5BrClN3O2	1000268-17-5	27
4	6-Bromopyrazolo[1,5-a]pyrimidine...	241	C7H4BrN3O2	300717-72-0	25
5	1,2-Propadiene, 1-bromo-	118	C3H3Br	010024-18-7	22





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Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

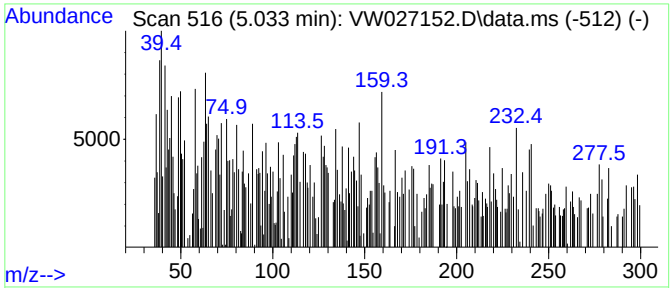
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

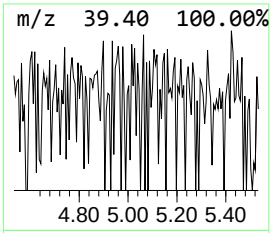
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

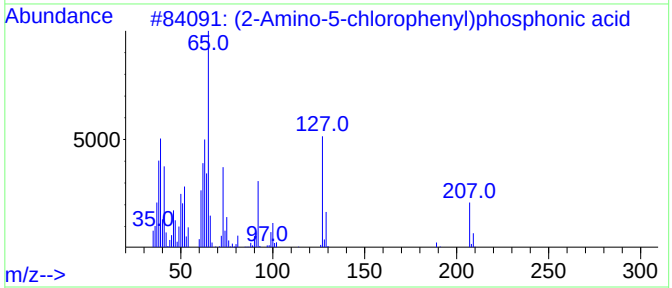
****
Peak Number 8 (2-Amino-5-chlorophenyl)pho... Concentration Rank 11

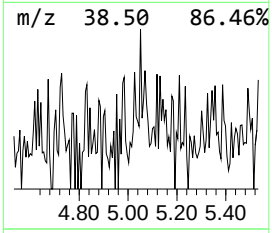
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.033	26.84 ug/L	64281	1,4-Difluorobenzene	8.843

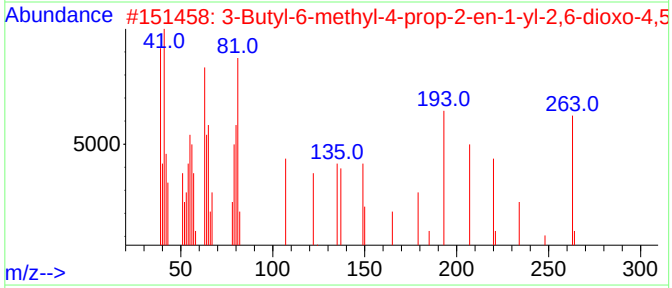
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Amino-5-chlorophenyl)phosphon...	207	C6H7ClNO3P	018275-77-9	50
2	3-Butyl-6-methyl-4-prop-2-en-1-y...	263	C12H17N5O2	1000312-01-1	50
3	N-[(2-Hydroxyphenyl)imino]-2-nit...	259	C12H9N3O4	1000387-20-2	47
4	2-(3-Methyl-4-nitro-5-pyrazolyla...	262	C11H10N4O4	1000223-64-7	46
5	1,3-Benzoxazole, 2-(2-propenylth...	191	C10H9NOS	1010362-66-2	45

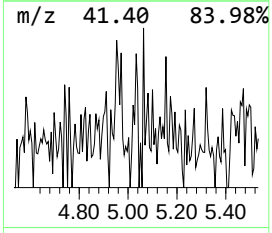


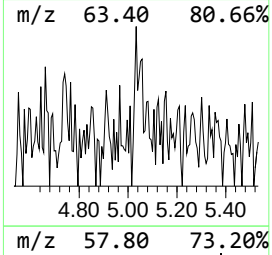


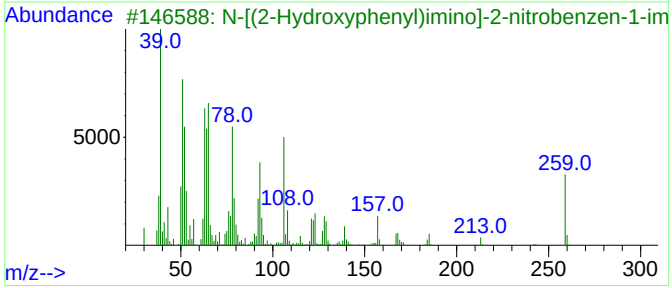


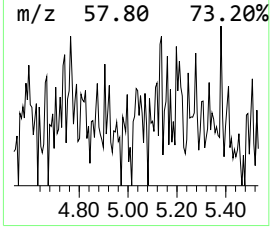












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

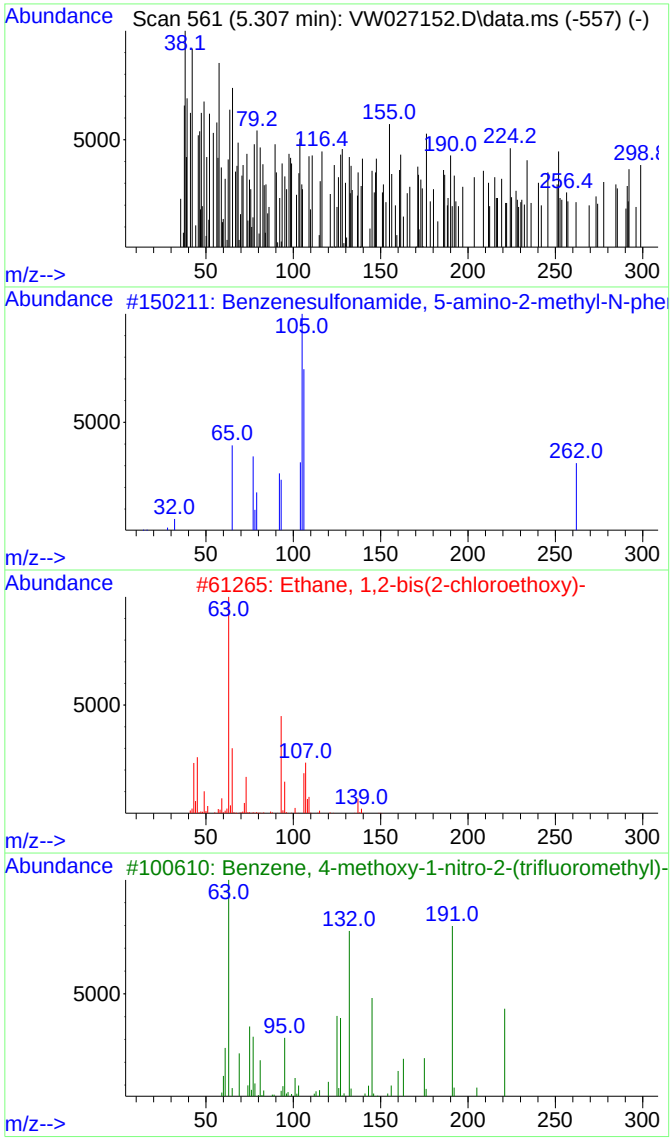
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

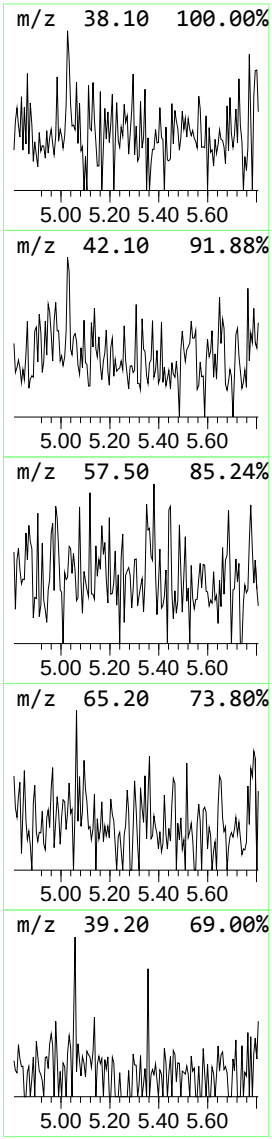
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzenesulfonamide, 5-amino... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.307	5.17 ug/L	12390	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 5-amino-2-me...	262	C13H14N2O2S	000079-72-1	53
2	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	35
3	Benzene, 4-methoxy-1-nitro-2-(tr...	221	C8H6F3NO3	000344-39-8	30
4	Benzene, 1-chloro-4-(2-chloroeth...	190	C8H8Cl2O	013001-28-0	22
5	2-Phenyl-3-nitroso-5-methylpyrrole	186	C11H10N2O	034714-74-4	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

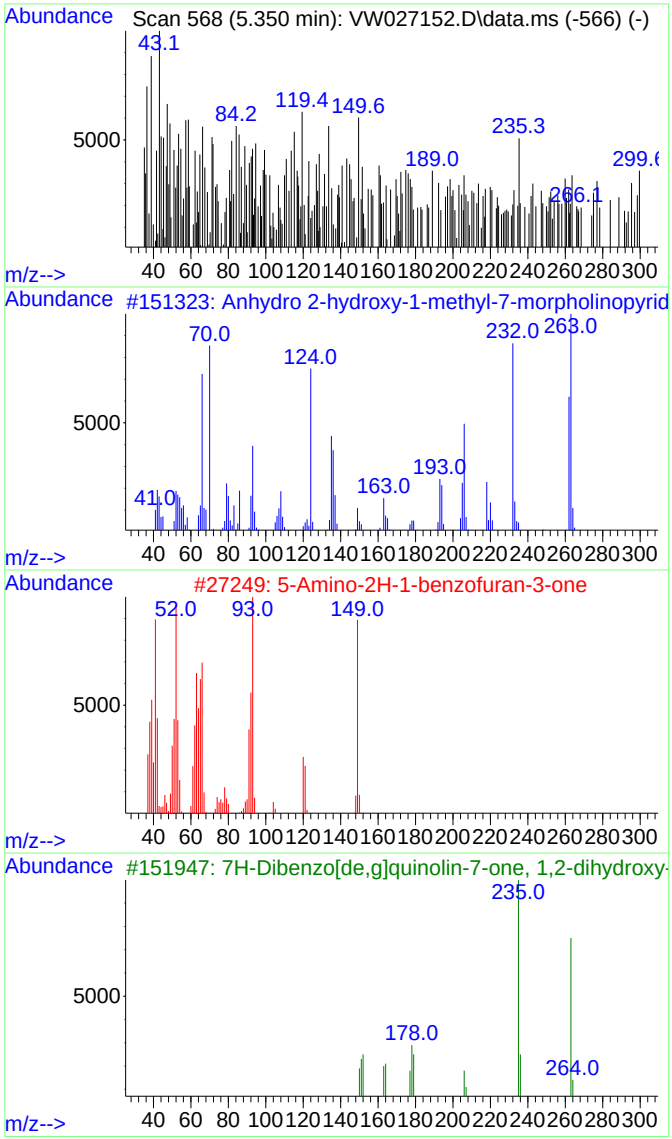
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

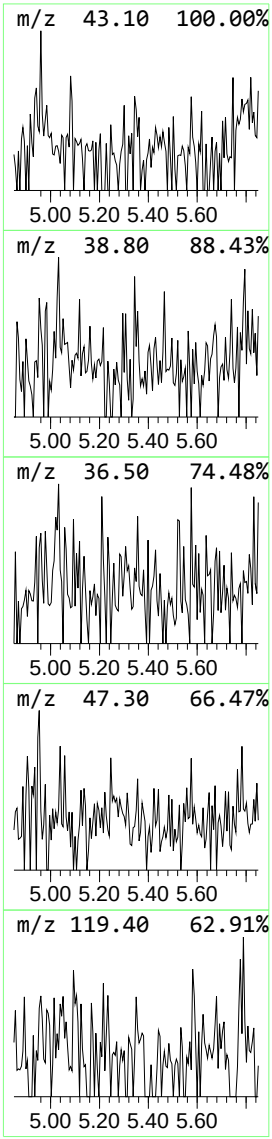
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anhydro 2-hydroxy-1-methyl-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.350	13.04 ug/L	31238	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anhydro 2-hydroxy-1-methyl-7-mor...	263	C11H13N5O3	1010213-86-4	52
2	5-Amino-2H-1-benzofuran-3-one	149	C8H7NO2	1174298-02-2	43
3	7H-Dibenzo[de,g]quinolin-7-one, ...	263	C16H9NO3	065400-36-4	27
4	Methylene chloride	84	CH2Cl2	000075-09-2	25
5	Benzoic acid, 2,5-dichloro-3-hyd...	236	C8H6Cl2O4	007600-50-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

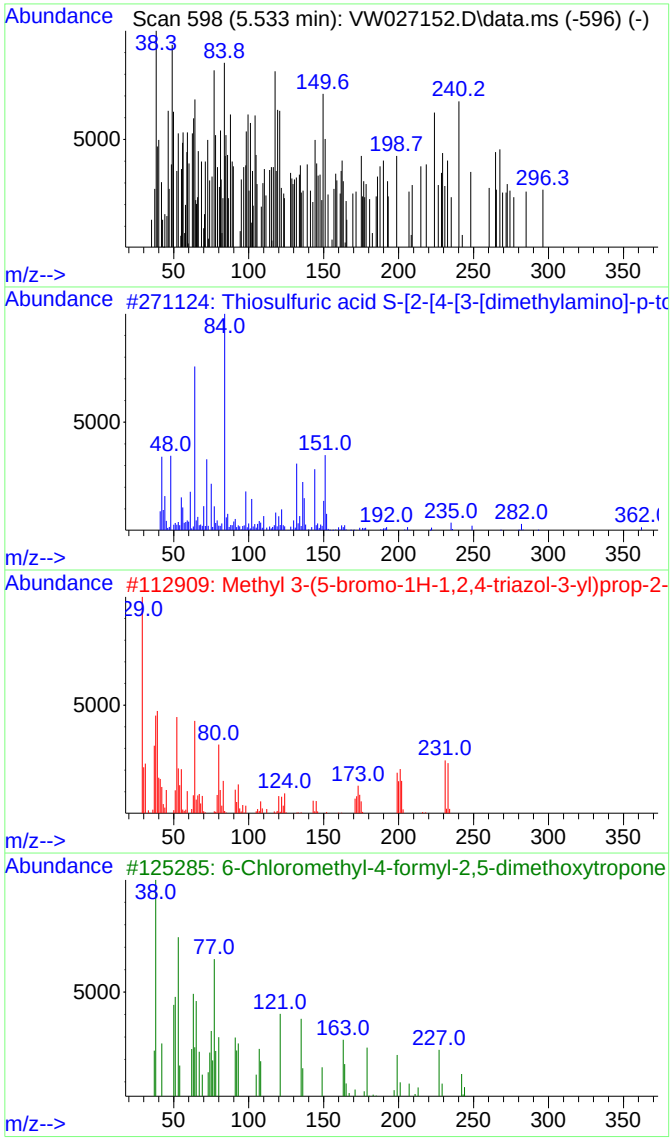
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

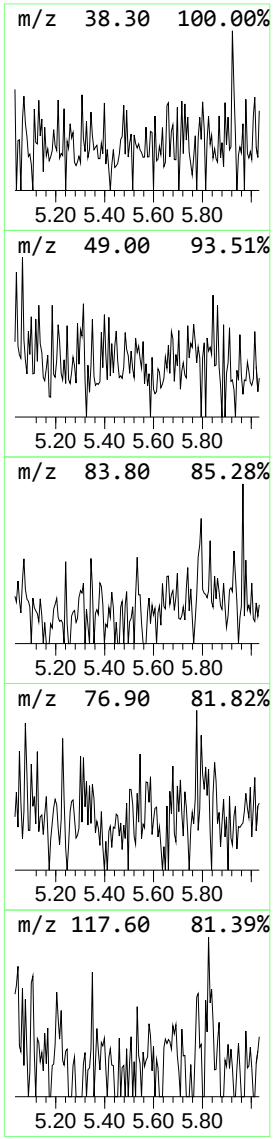
****

Peak Number 11 unknown-07 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.533	2.76 ug/L	6600	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiosulfuric acid S-[2-[4-[3-[di...	362	C15H26N2O4S2	090378-59-9	18
2	Methyl 3-(5-bromo-1H-1,2,4-triaz...	231	C6H6BrN3O2	1000443-27-3	16
3	6-Chloromethyl-4-formyl-2,5-dime...	242	C11H11ClO4	1000433-38-1	15
4	3-(1,2-Dibromoethyl)-1,1,2,2-tet...	312	C6H6Br2F4	017215-13-3	14
5	11-(3-Methoxyphenyl)-2,3,5,7,11-...	293	C15H11N5O2	1000409-92-2	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

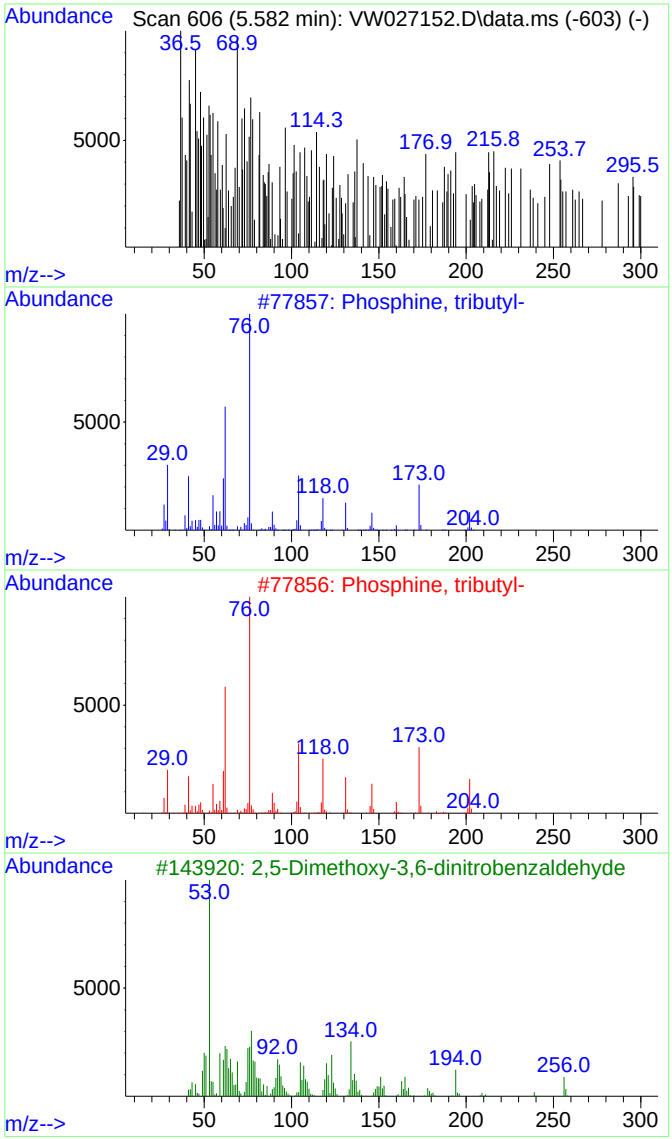
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

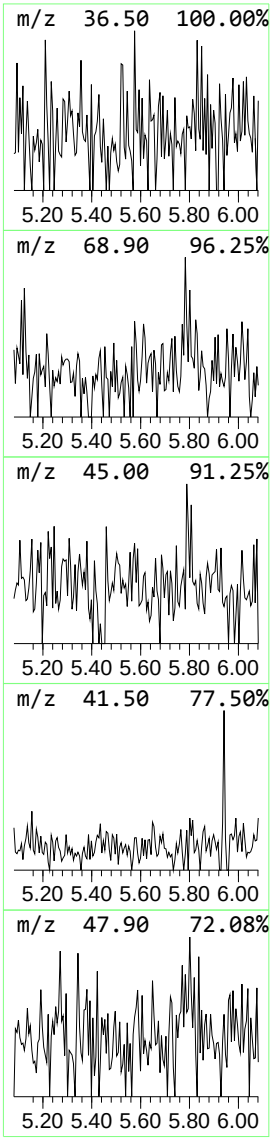
****

Peak Number 12 unknown-08 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.582	3.09 ug/L	7412	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, tributyl-	202	C12H27P	000998-40-3	22
2	Phosphine, tributyl-	202	C12H27P	000998-40-3	22
3	2,5-Dimethoxy-3,6-dinitrobenzald...	256	C9H8N2O7	030855-07-3	22
4	2-Chloro-1-(2,5-dihydroxyphenyl)...	186	C8H7ClO3	060912-82-5	16
5	3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	11





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Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

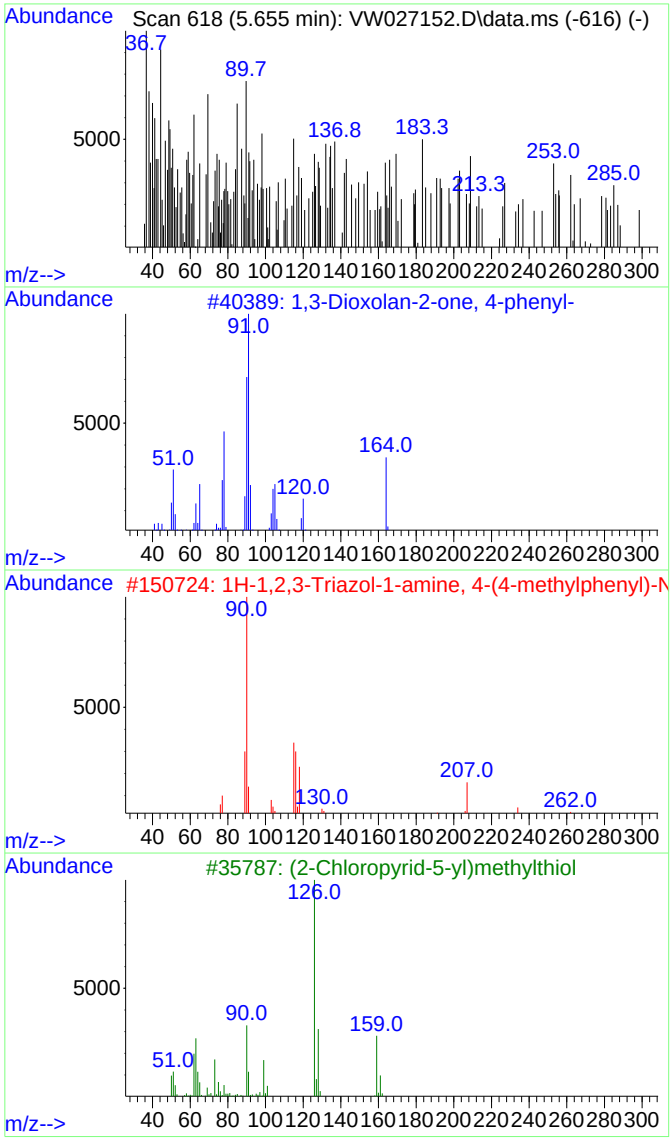
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

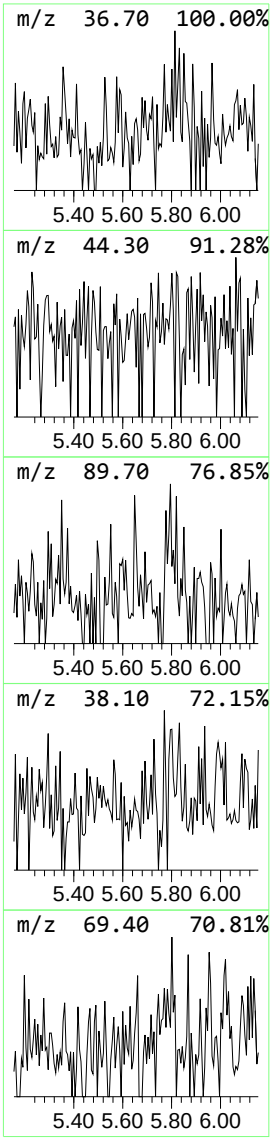
****

Peak Number 13 unknown-09 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.655	4.52 ug/L	10820	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolan-2-one, 4-phenyl-	164	C9H8O3	004427-92-3	46
2	1H-1,2,3-Triazol-1-amine, 4-(4-m...	262	C16H14N4	113261-43-1	38
3	(2-Chloropyrid-5-yl)methylthiol	159	C6H6ClNS	1000306-87-8	35
4	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25
5	3-Amino-4-hydroxybenzonitrile	134	C7H6N2O	014543-43-2	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

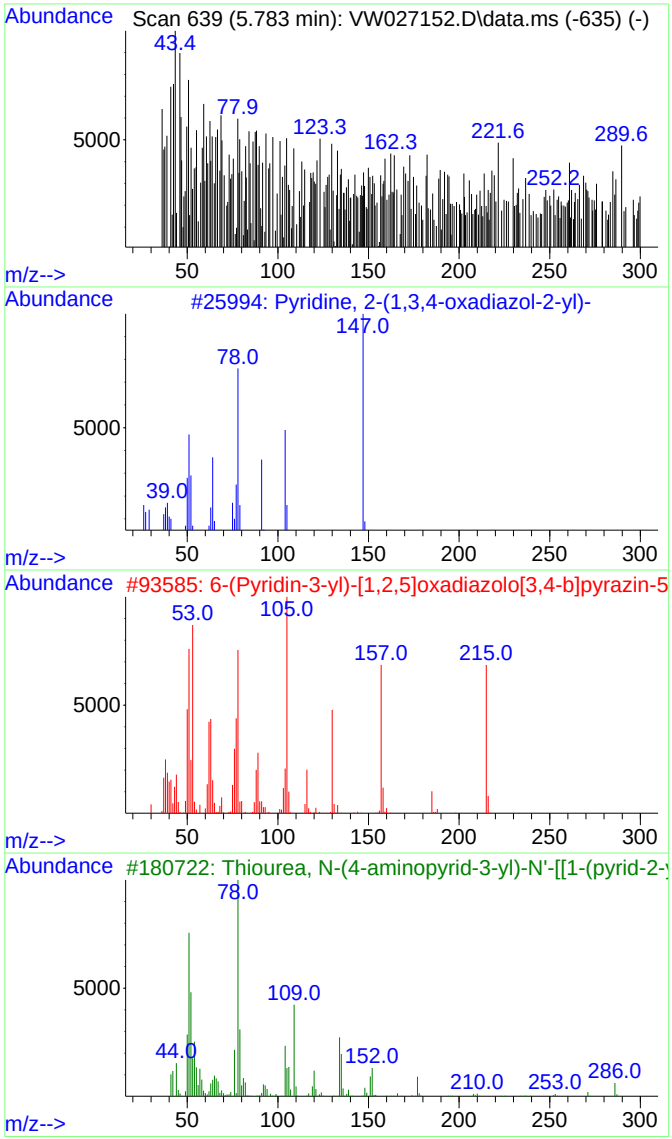
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

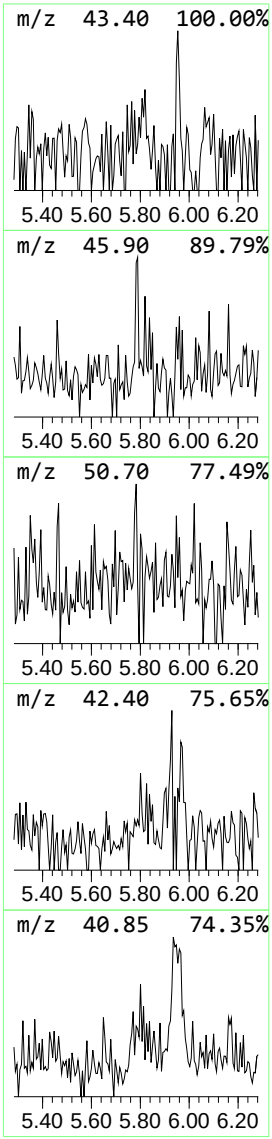
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyridine, 2-(1,3,4-oxadiazo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.783	53.77 ug/L	128789	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-(1,3,4-oxadiazol-2-yl)-	147	C7H5N3O	013428-22-3	50
2	6-(Pyridin-3-yl)-[1,2,5]oxadiazo...	215	C9H5N5O2	1000388-32-6	50
3	Thiourea, N-(4-aminopyrid-3-yl)-...	286	C13H14N6S	1000211-92-4	45
4	7,8,2',4'-Tetrahydroxy-isoflavone	286	C15H10O6	014756-61-7	43
5	Benzene, 1-azido-3-methoxy-	149	C7H7N3O	003866-16-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

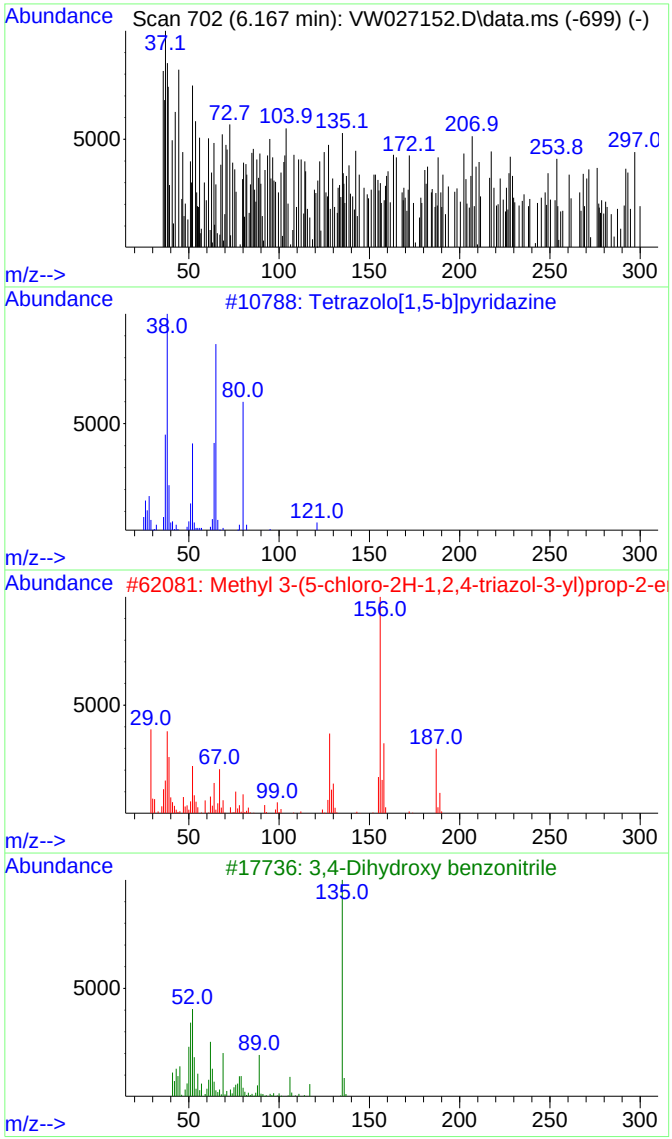
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

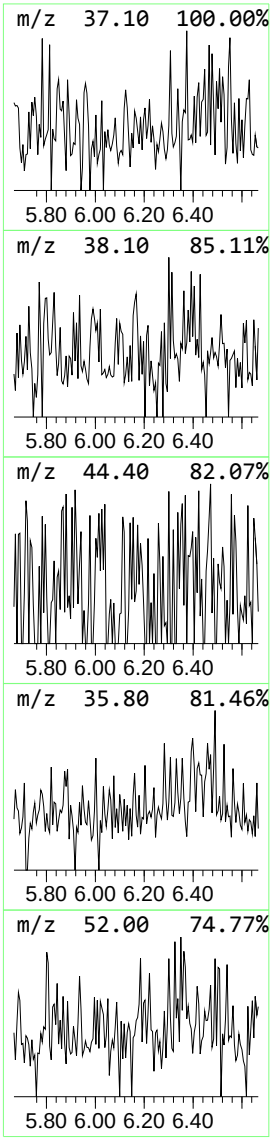
****

Peak Number 15 unknown-10 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.167	10.27 ug/L	24597	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrazolo[1,5-b]pyridazine	121	C4H3N5	000274-89-5	38
2	Methyl 3-(5-chloro-2H-1,2,4-tria...	187	C6H6ClN3O2	1000436-22-1	35
3	3,4-Dihydroxy benzonitrile	135	C7H5NO2	054337-90-5	30
4	Uric acid	168	C5H4N4O3	000069-93-2	27
5	pyridine, 2-chloro-3-methoxy-5-(...	221	C7H8ClNO3S	1000396-26-5	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

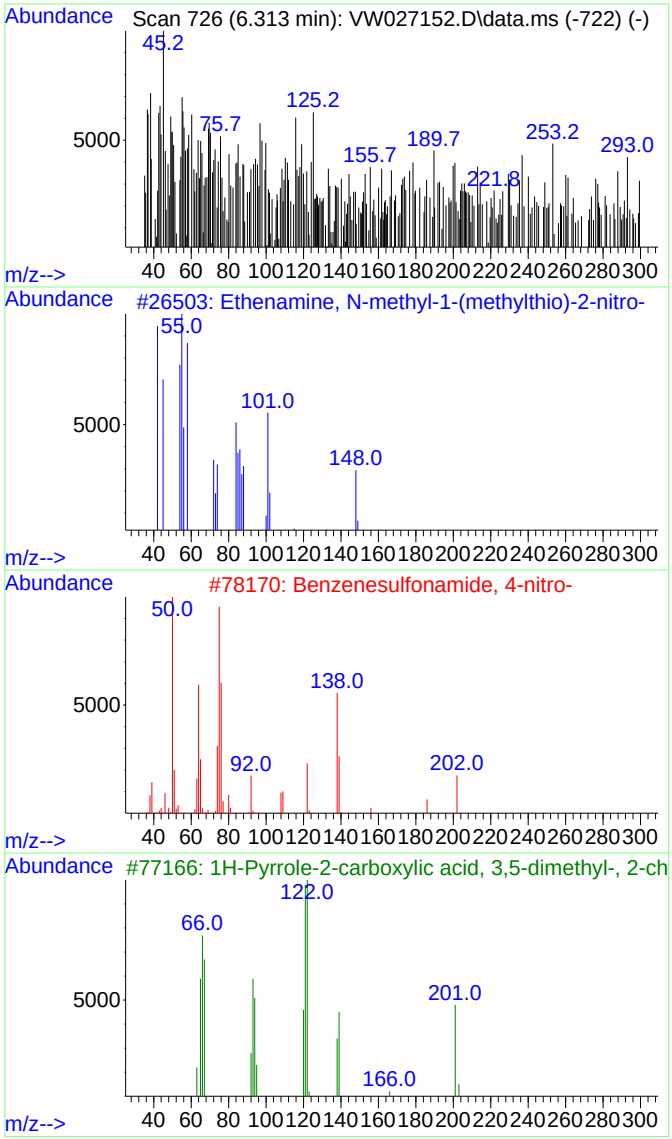
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

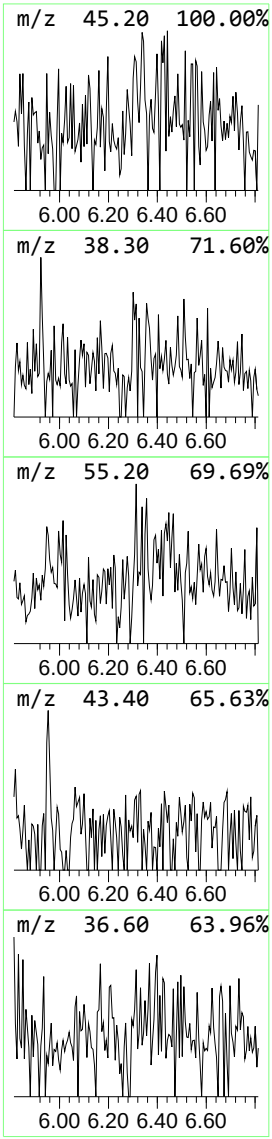
****

Peak Number 17 unknown-11 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.313	32.20 ug/L	77126	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethenamine, N-methyl-1-(methylth...	148	C4H8N2O2S	061832-41-5	44
2	Benzenesulfonamide, 4-nitro-	202	C6H6N2O4S	006325-93-5	38
3	1H-Pyrrole-2-carboxylic acid, 3,...	201	C9H12ClNO2	035889-92-0	25
4	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	25
5	1H-Isoindole-1,3(2H)-dione, 2-(2...	224	C13H8N2O2	059208-49-0	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

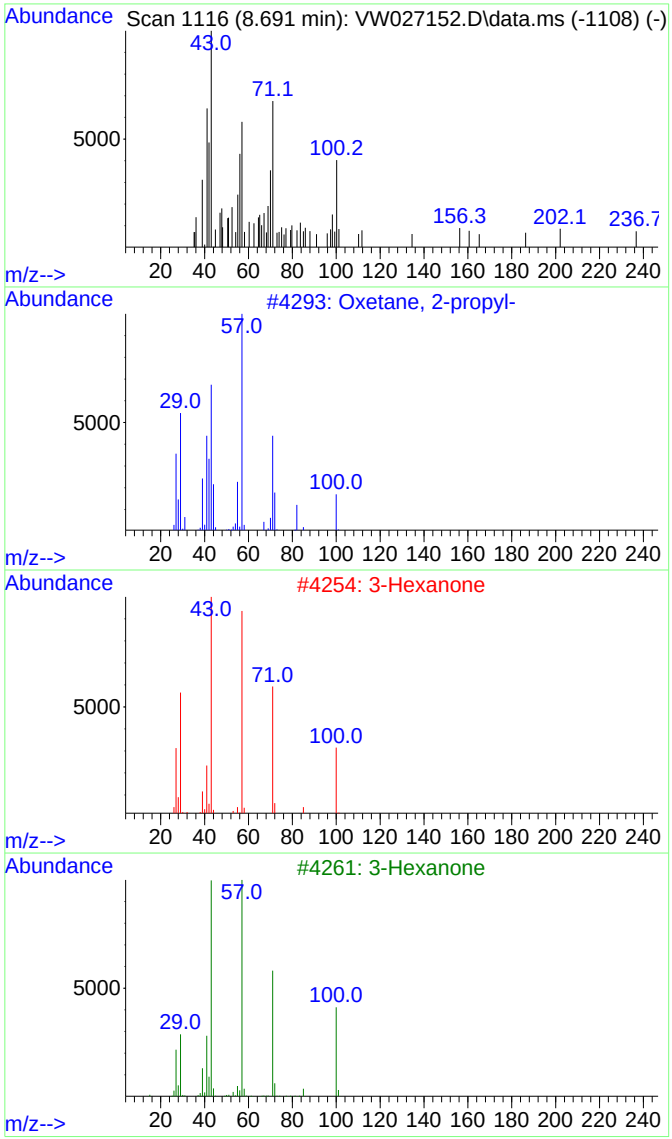
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

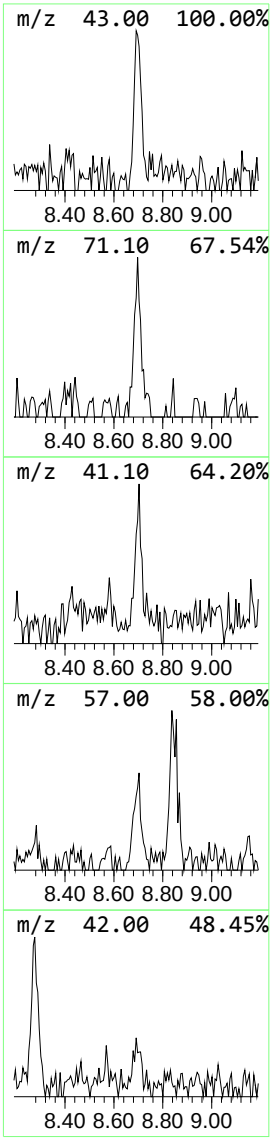
****

Peak Number 24 unknown-12 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.691	6.90 ug/L	16519	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxetane, 2-propyl-	100	C6H12O	004468-64-8	35
2	3-Hexanone	100	C6H12O	000589-38-8	22
3	3-Hexanone	100	C6H12O	000589-38-8	22
4	4-Hydroxypiperidine-4-carboxylic...	145	C6H11NO3	050289-06-0	22
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

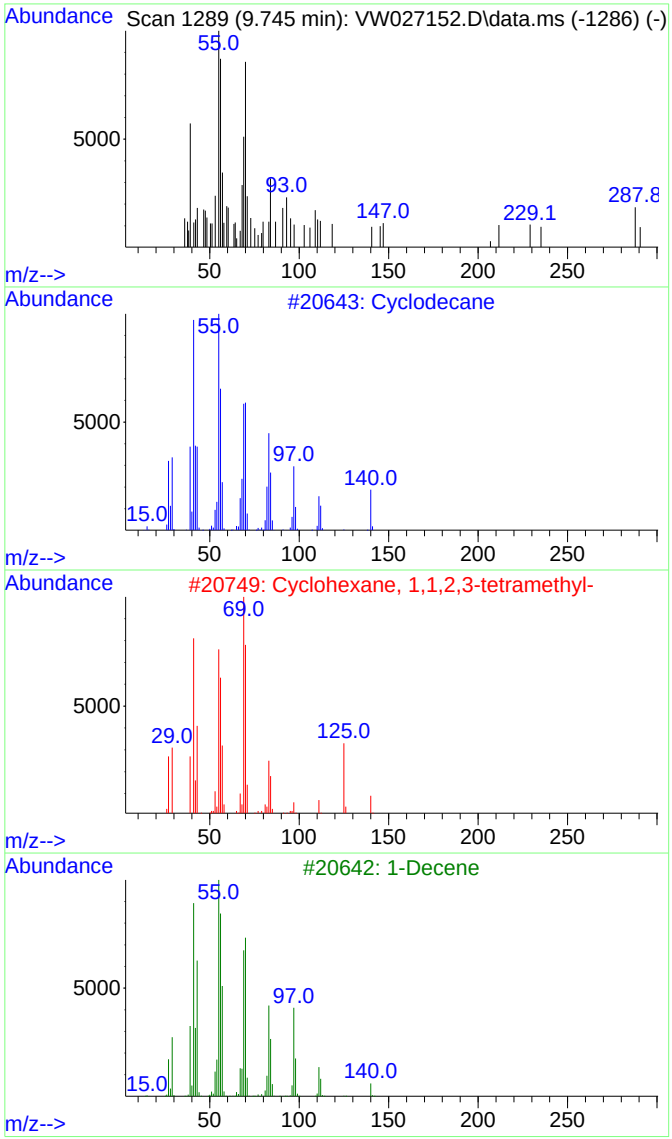
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

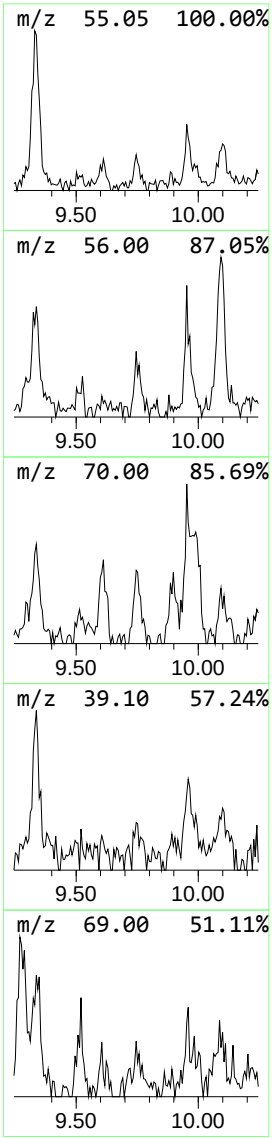
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic9.745 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	4.42 ug/L	10576	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	47
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	47
3	1-Decene	140	C10H20	000872-05-9	47
4	1-Octene, 3-methyl-	126	C9H18	013151-08-1	43
5	Bromoacetic acid, heptyl ester	236	C9H17BrO2	018991-99-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

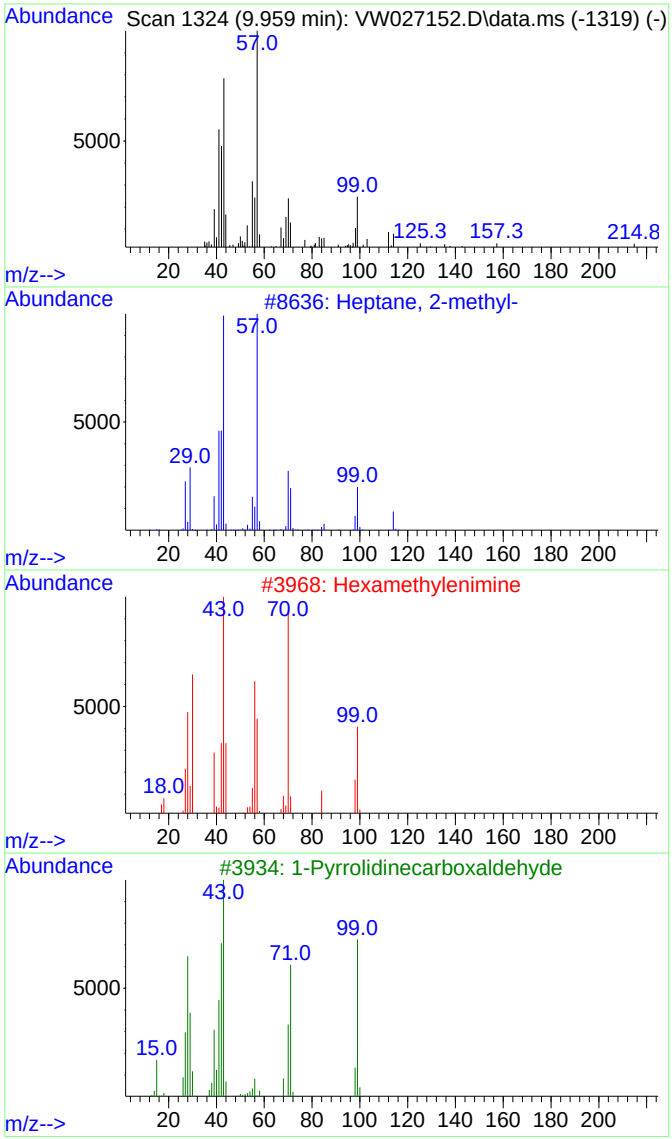
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

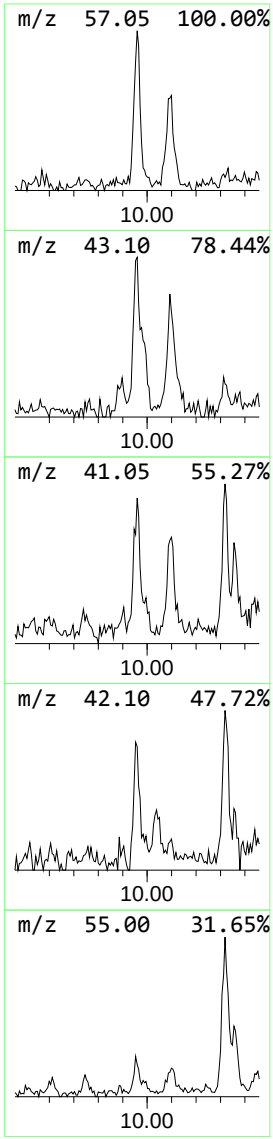
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	15.56 ug/L	37267	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	72
2	Hexamethylenimine	99	C6H13N	000111-49-9	47
3	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	47
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	43
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

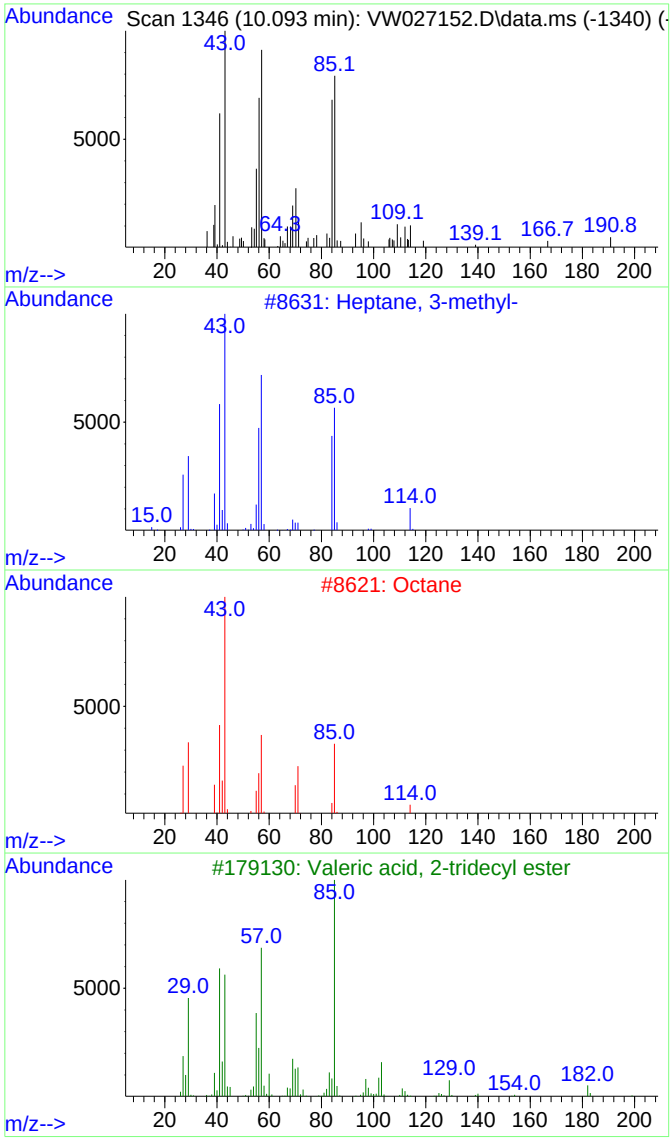
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

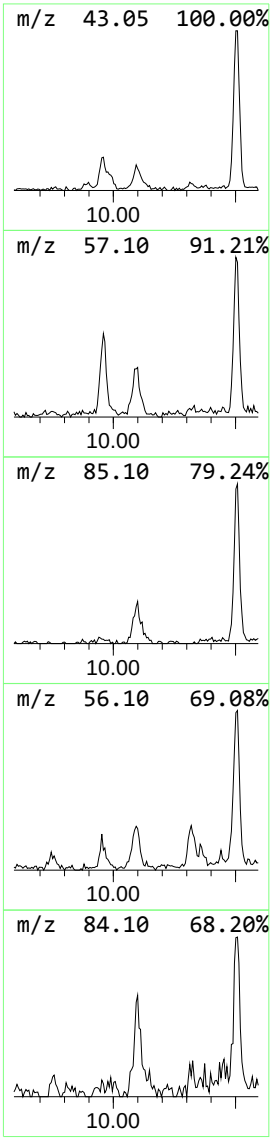
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	11.67 ug/L	27949	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
2	Octane	114	C8H18	000111-65-9	47
3	Valeric acid, 2-tridecyl ester	284	C18H36O2	055193-13-0	43
4	Undec-10-ynoic acid, 4-methyl-2-...	266	C17H30O2	1000406-15-8	38
5	2-Ethylpiperazine	114	C6H14N2	013961-37-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

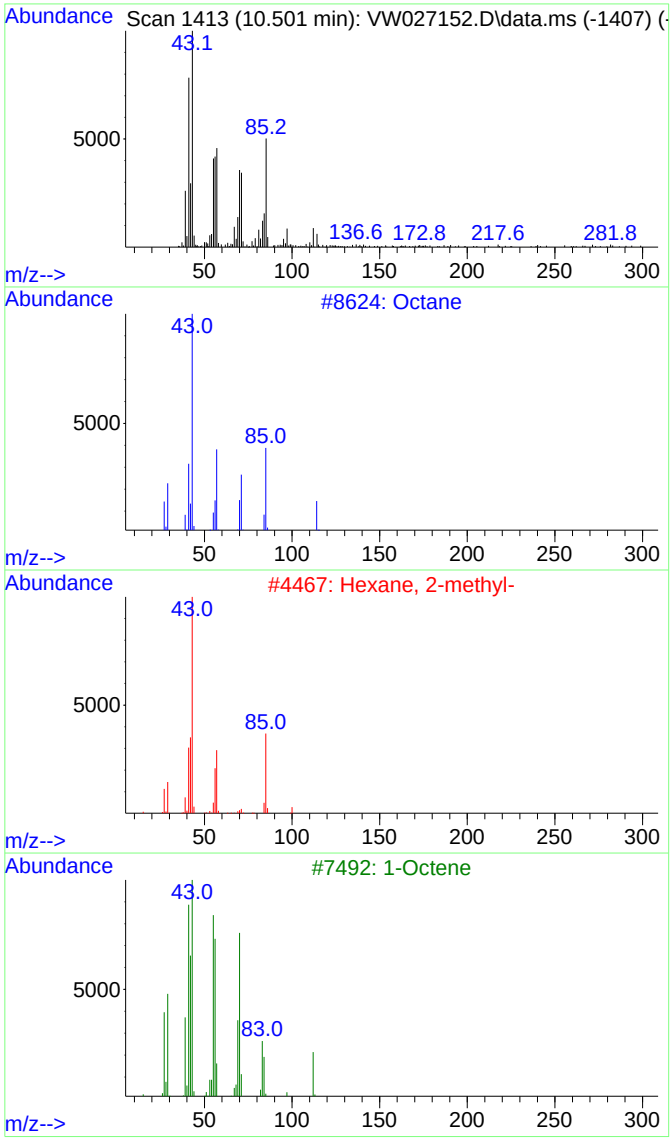
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

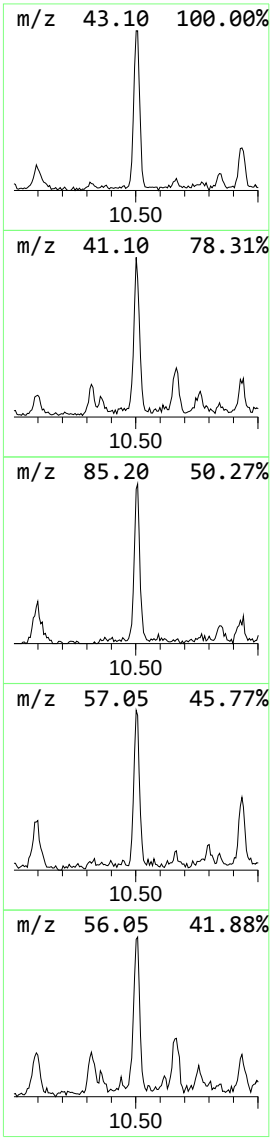
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	32.62 ug/L	153022	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	53
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	52
3	1-Octene	112	C8H16	000111-66-0	49
4	1-Octene	112	C8H16	000111-66-0	49
5	1-Octene	112	C8H16	000111-66-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

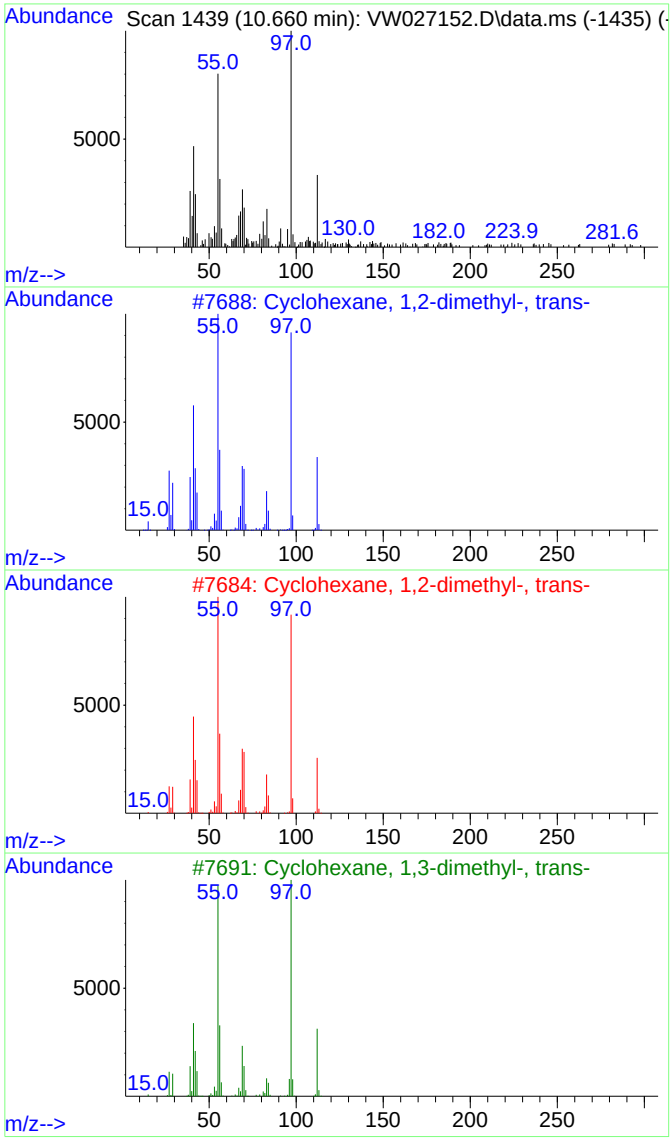
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

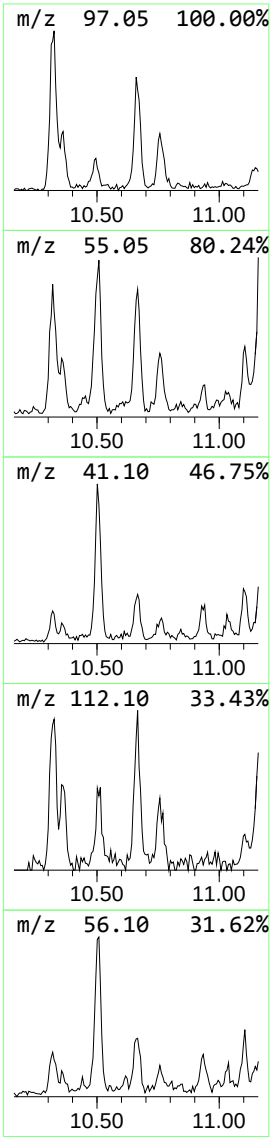
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic10.660 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	13.17 ug/L	61794	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	83
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	74
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

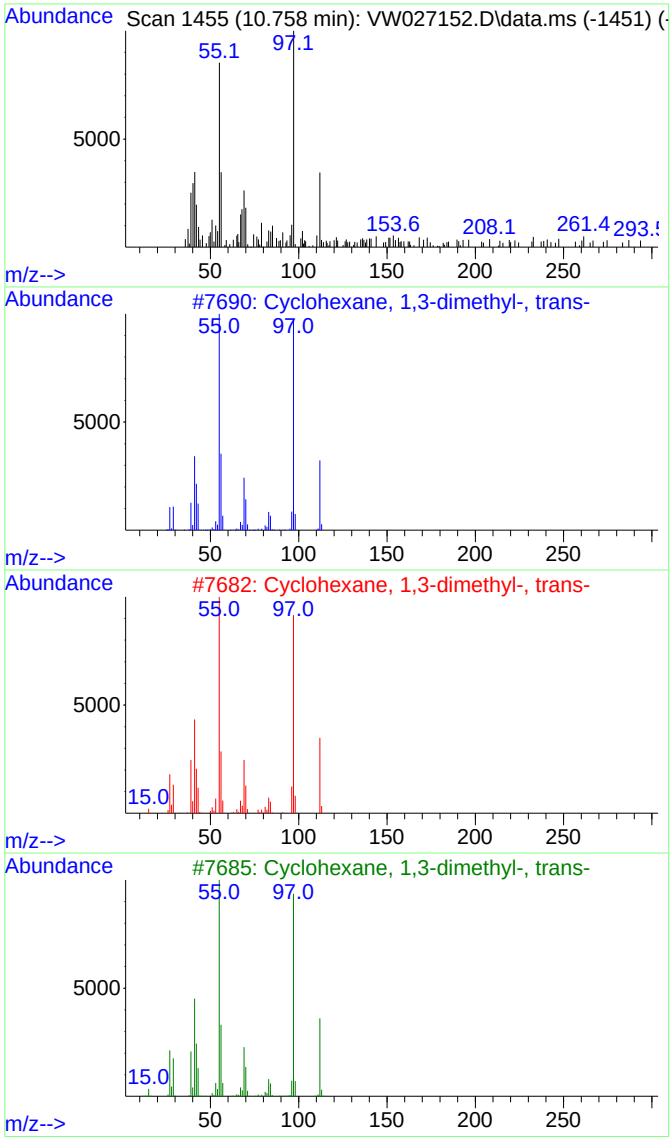
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

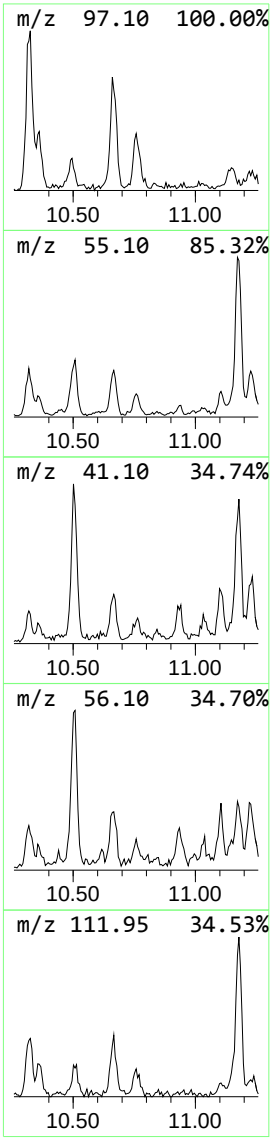
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic10.758 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.758	6.15 ug/L	28850	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

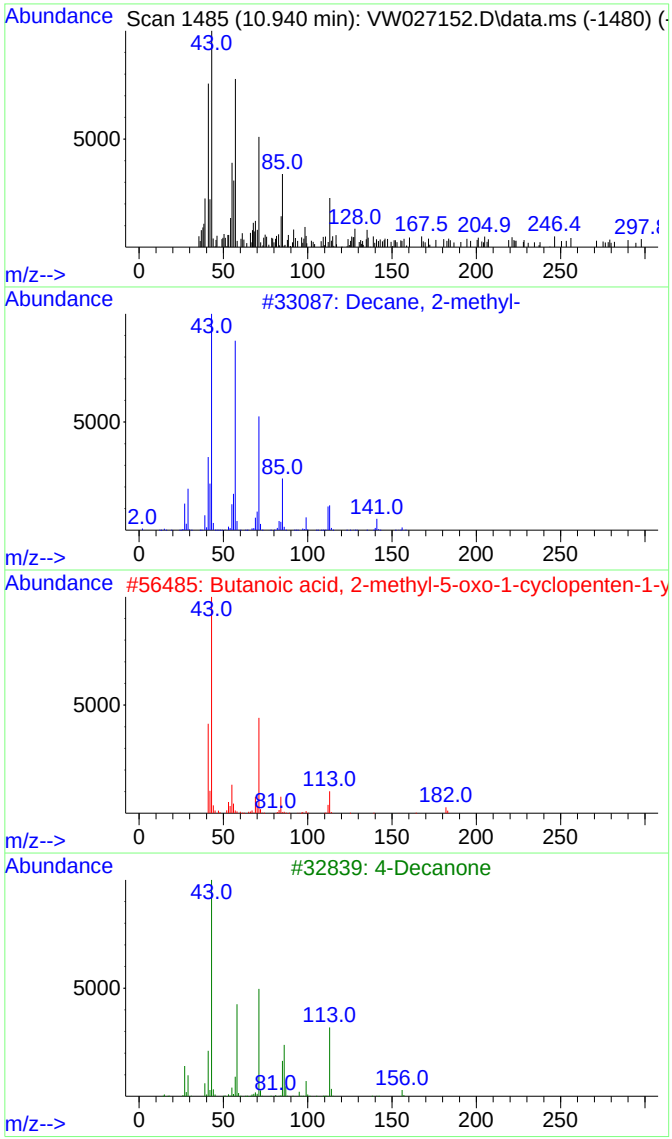
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

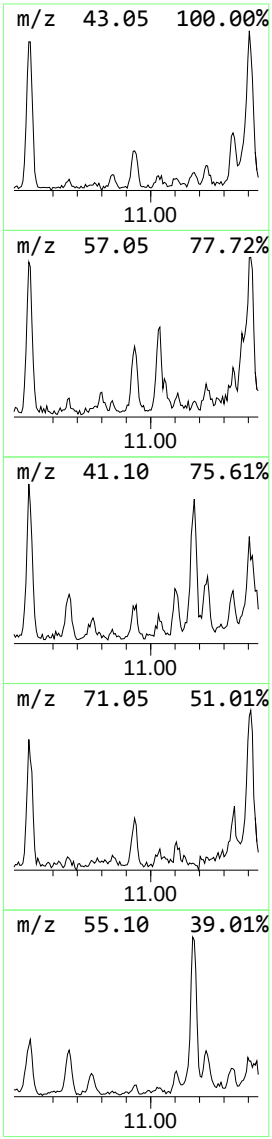
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.940	6.02 ug/L	28239	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	38
2	Butanoic acid, 2-methyl-5-oxo-1-...	182	C10H14O3	068227-51-0	35
3	4-Decanone	156	C10H20O	000624-16-8	25
4	4-Decanone	156	C10H20O	000624-16-8	25
5	Tridecane	184	C13H28	000629-50-5	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

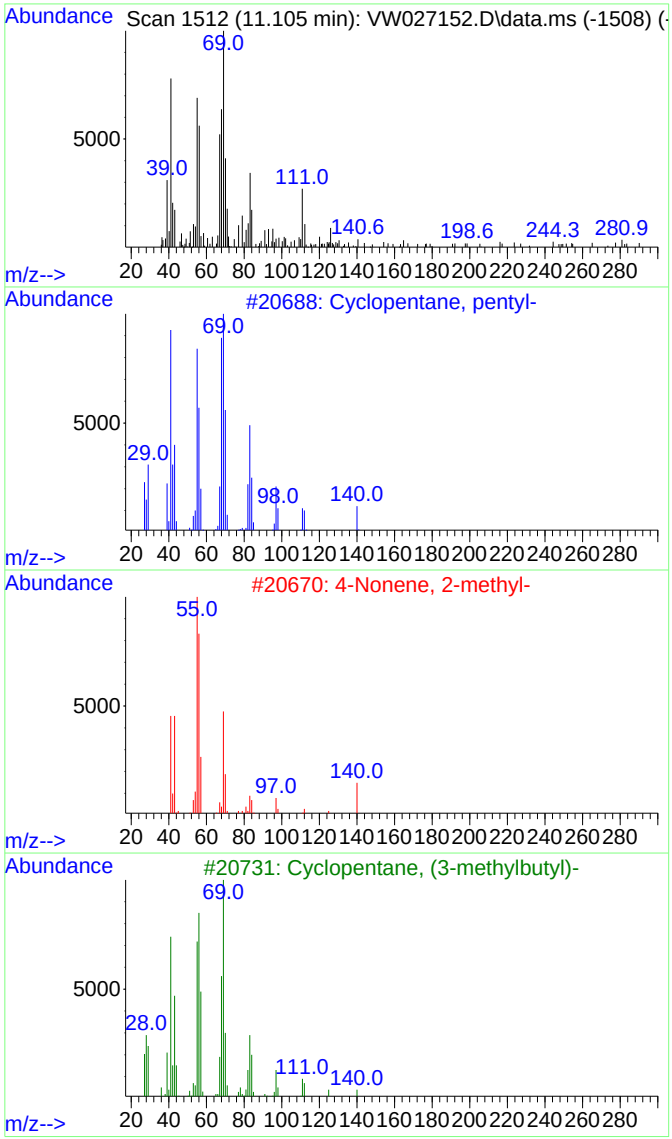
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

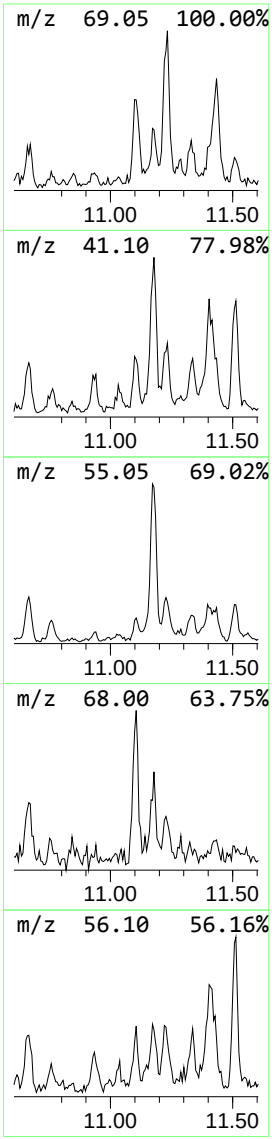
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic11.105 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.105	9.52 ug/L	44642	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	72
2	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	53
3	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	53
4	Cyclopentane, pentyl-	140	C10H20	003741-00-2	50
5	Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

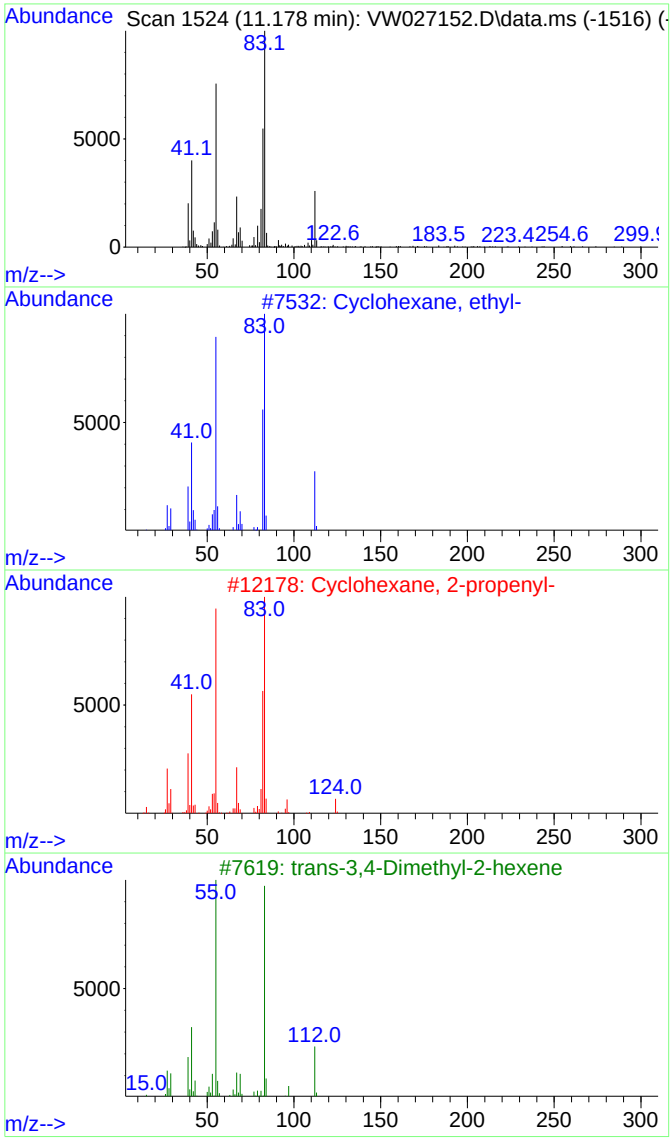
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

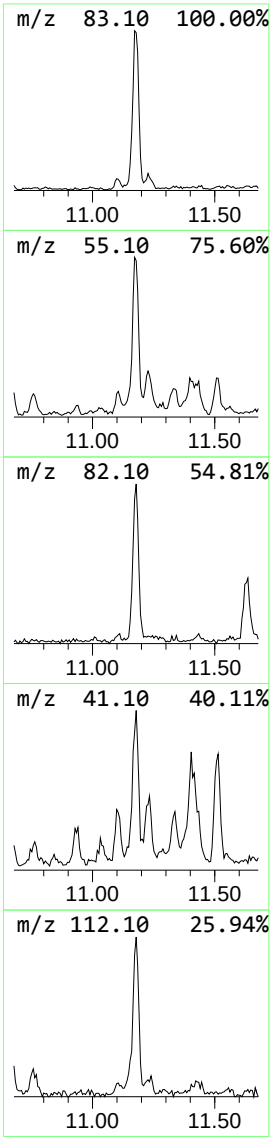
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic11.178 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	38.48 ug/L	180517	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
3	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	49
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	47
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

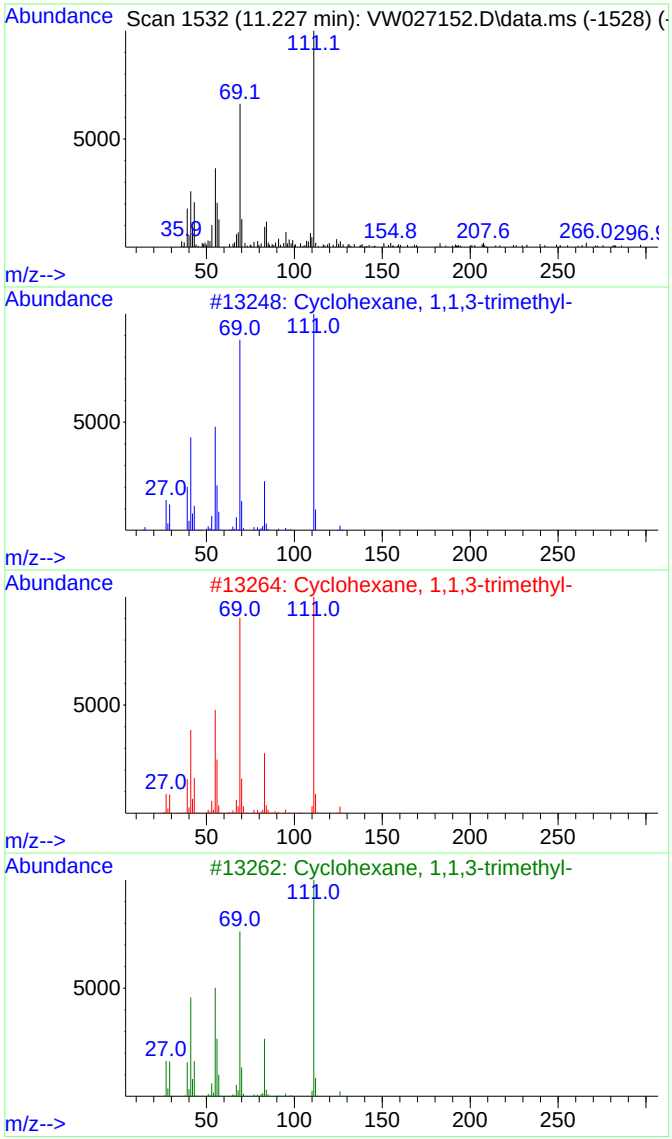
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

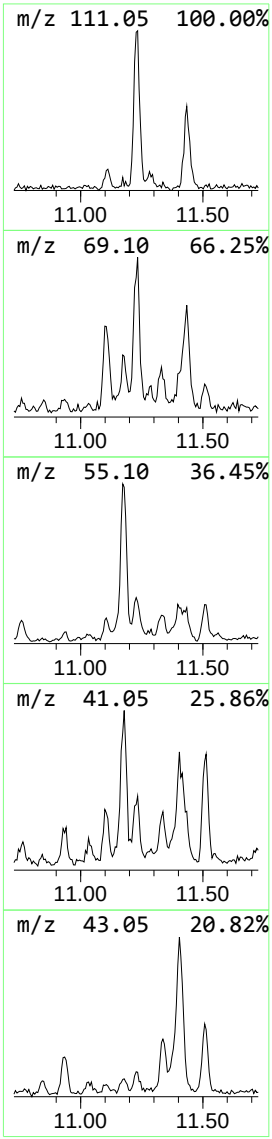
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Cyclic11.227 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	15.90 ug/L	74613	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	68
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	62
5	Pyrazol-4-amine, 1,5-dimethyl-	111	C5H9N3	121983-36-6	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

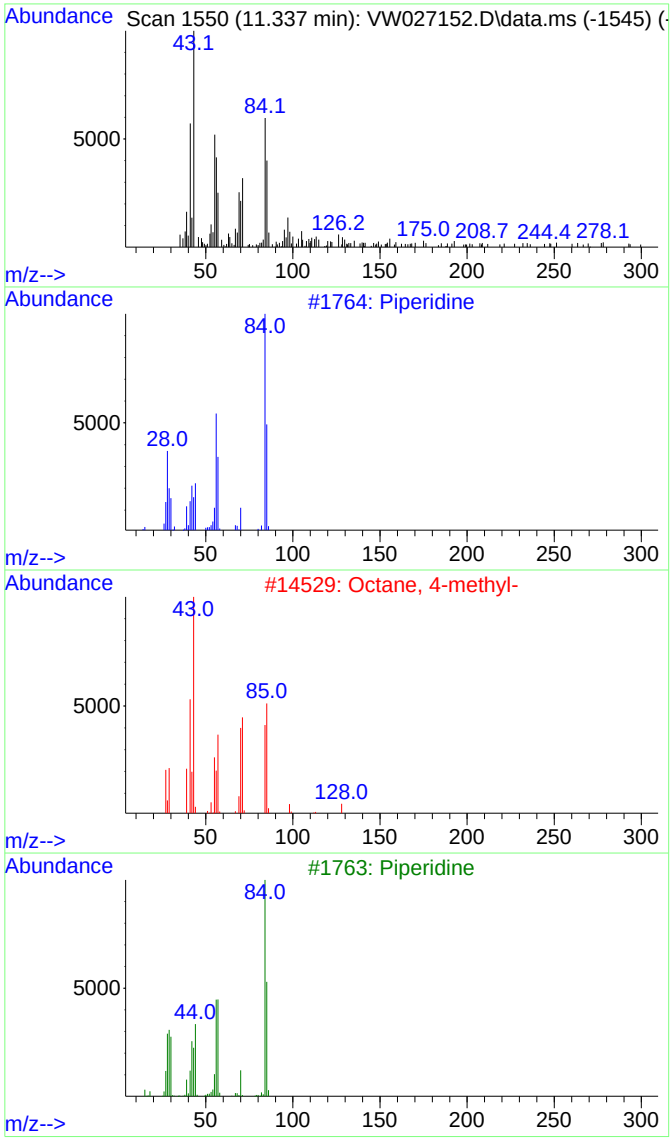
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

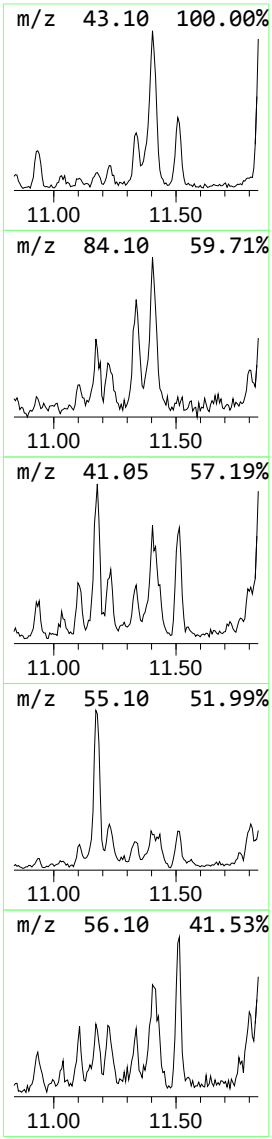
****

Peak Number 38 Piperidine Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	8.83 ug/L	41411	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	52
2	Octane, 4-methyl-	128	C9H20	002216-34-4	46
3	Piperidine	85	C5H11N	000110-89-4	43
4	Vinyl lauryl ether	212	C14H28O	000765-14-0	38
5	Oxalic acid, hexyl tetradecyl ester	370	C22H42O4	1000309-24-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

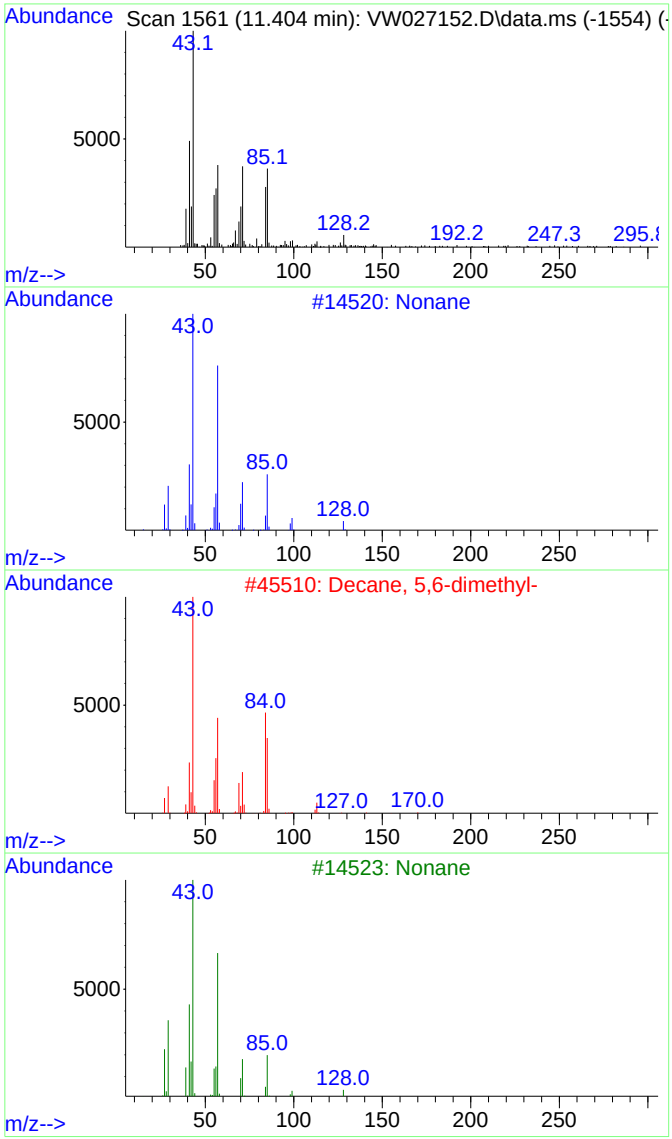
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

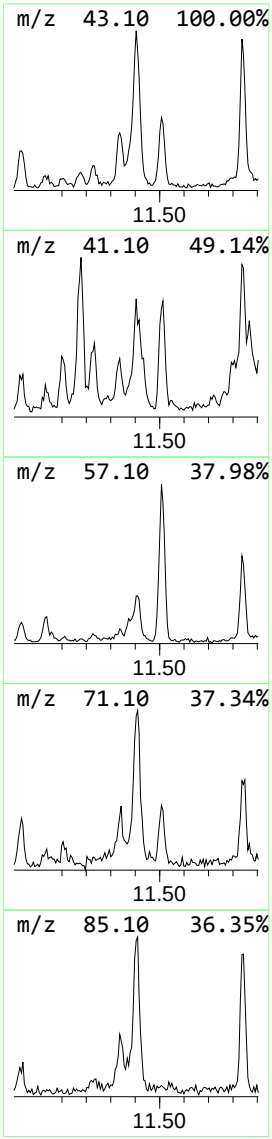
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	37.36 ug/L	175254	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	58
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53
3	Nonane	128	C9H20	000111-84-2	53
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Octane	114	C8H18	000111-65-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

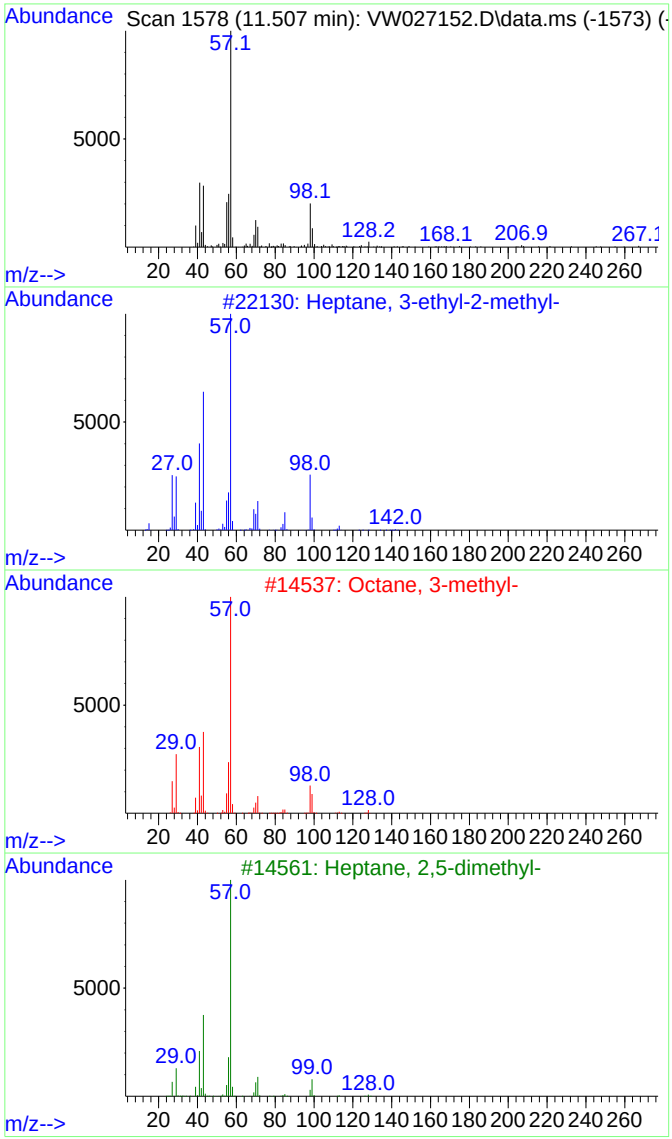
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

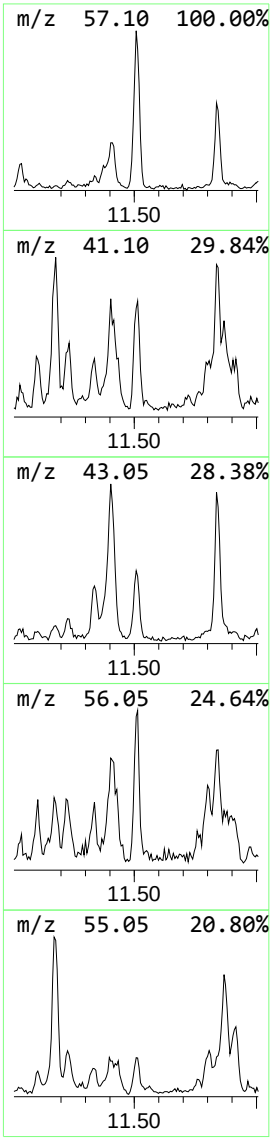
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	20.66 ug/L	96935	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
2	Octane, 3-methyl-	128	C9H20	002216-33-3	58
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
4	Octane, 3-methyl-	128	C9H20	002216-33-3	53
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

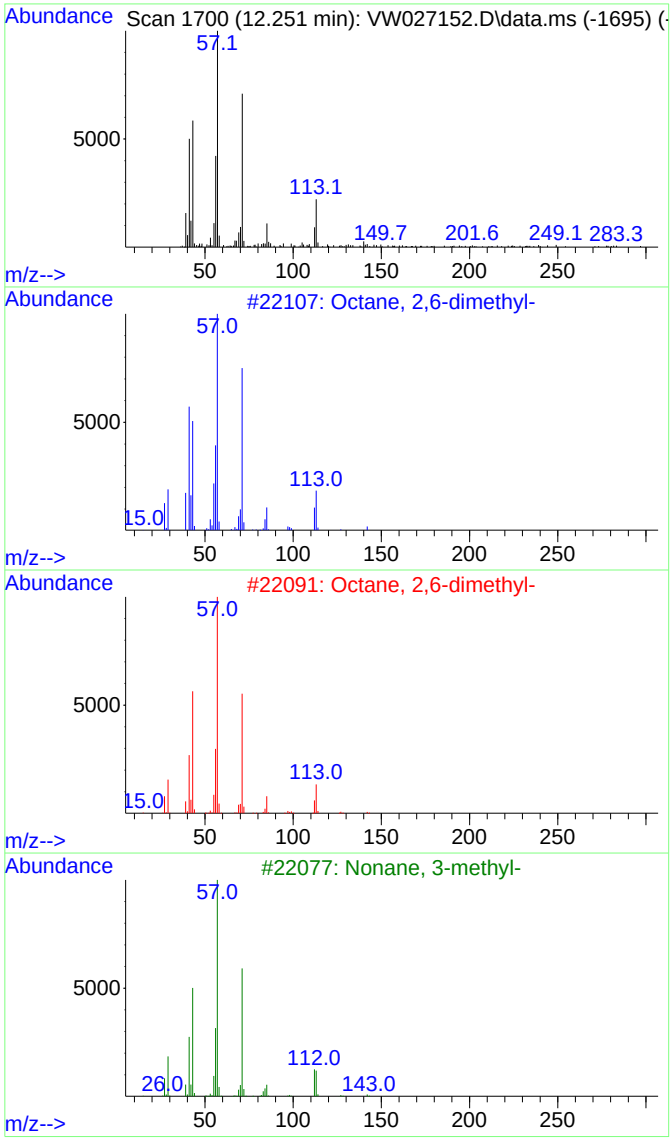
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

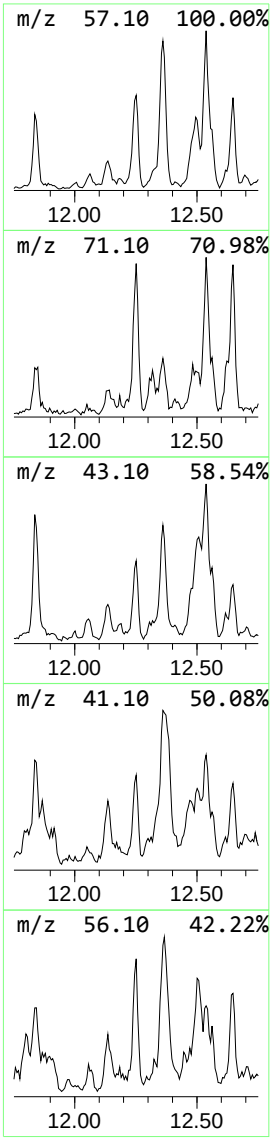
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	21.38 ug/L	100305	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

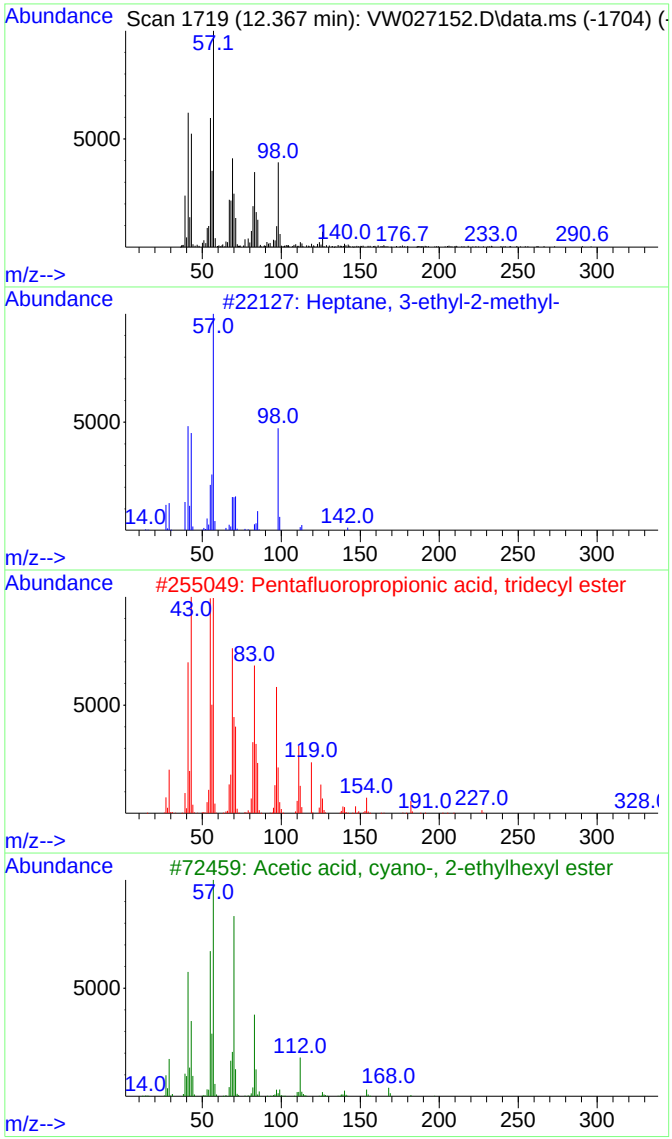
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

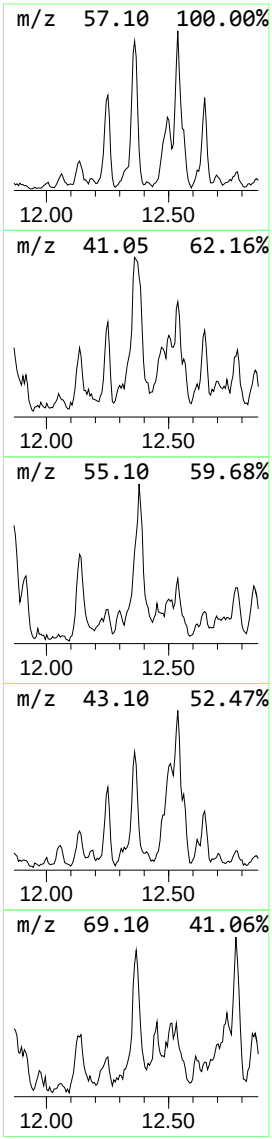
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	108.08 ug/L	507048	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
2	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	43
3	Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	41
4	4-Tridecene, (Z)-	182	C13H26	041446-54-2	38
5	3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

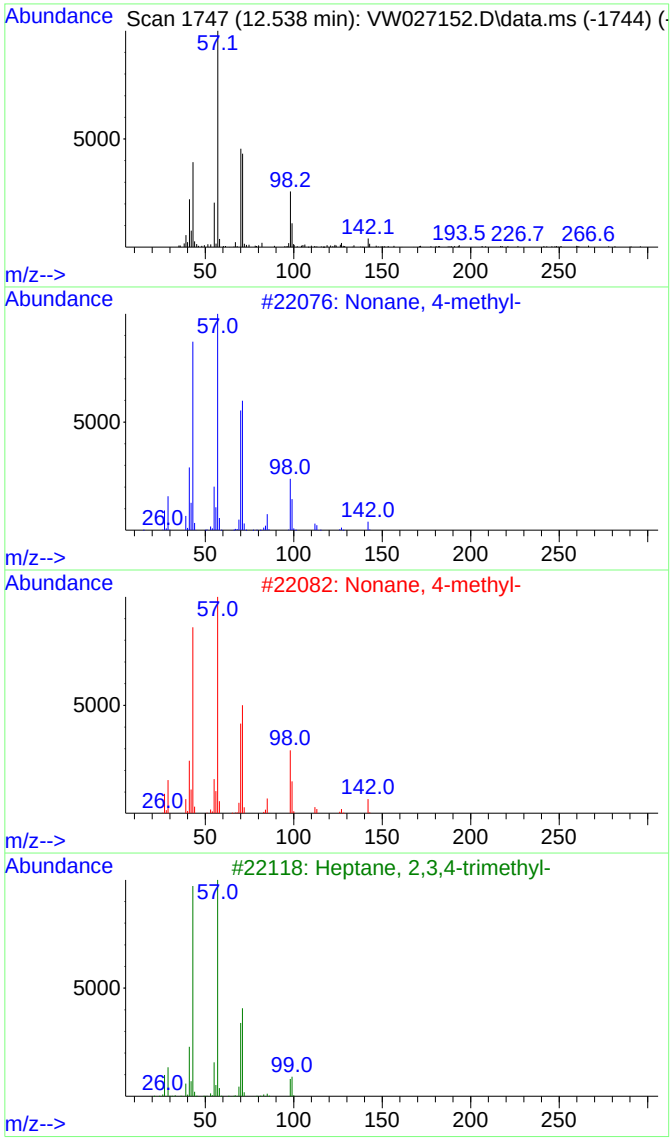
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

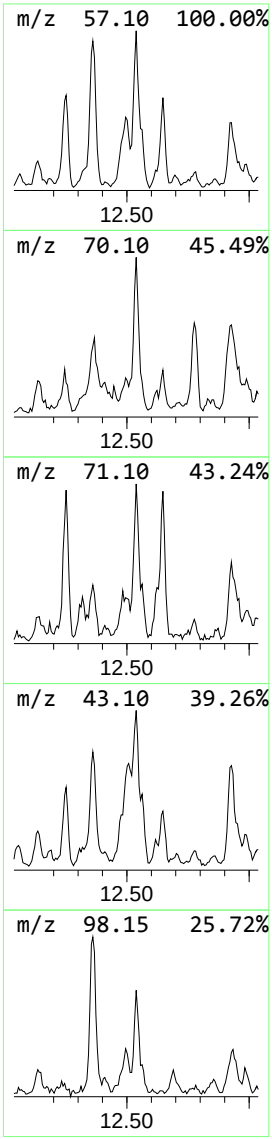
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.538	37.16 ug/L	174360	Chlorobenzene-d5	11.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	45
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

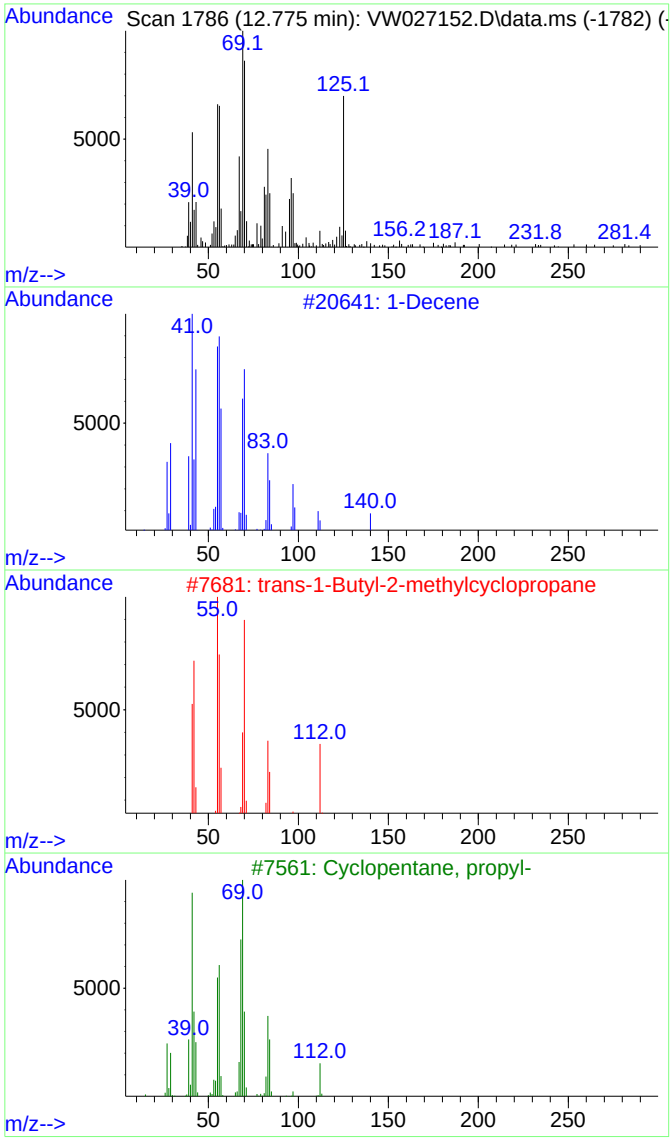
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

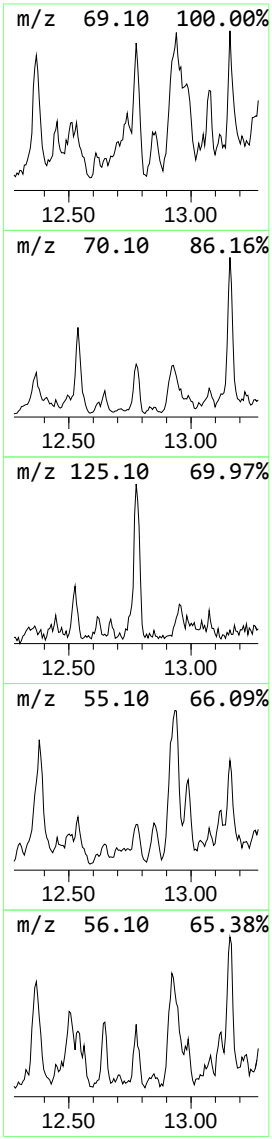
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	14.42 ug/L	121246	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	50
2	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	43
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

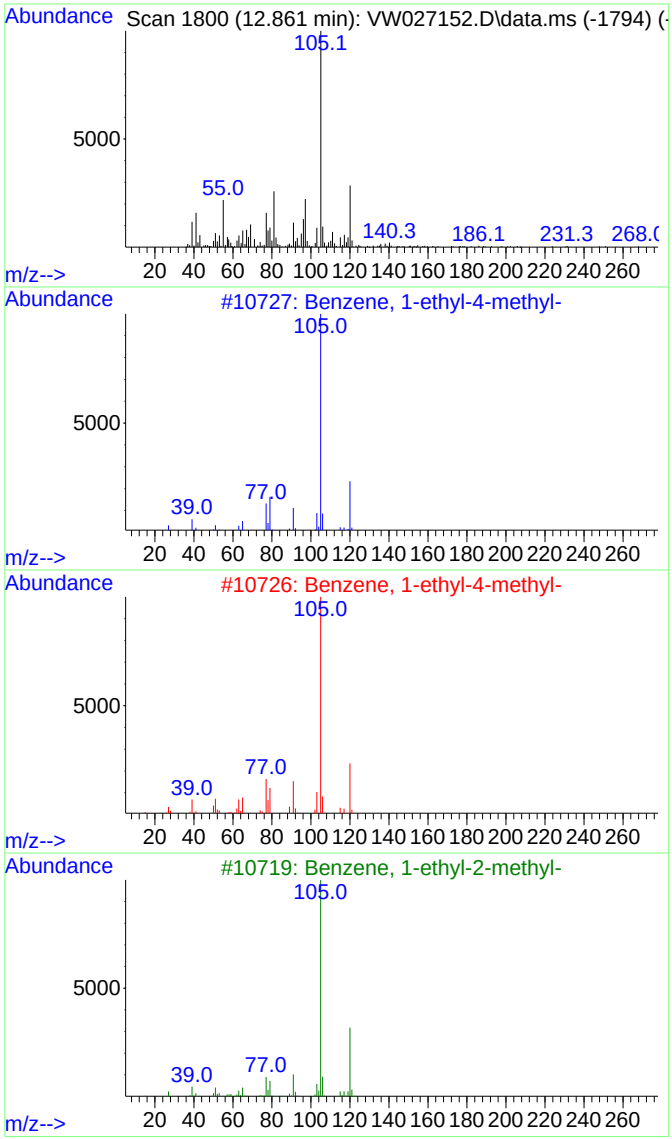
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

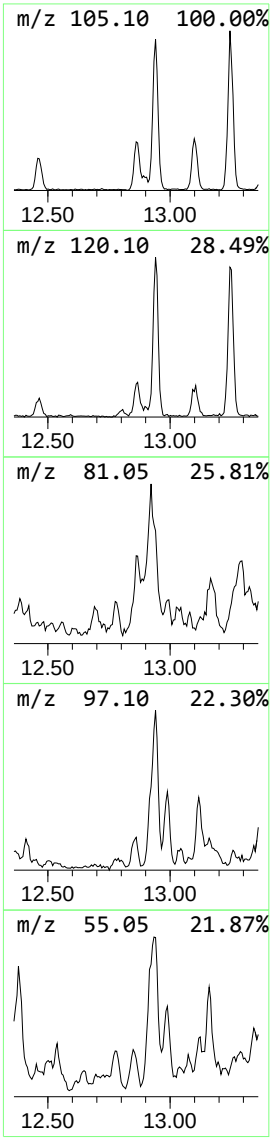
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1-ethyl-4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	16.25 ug/L	136581	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

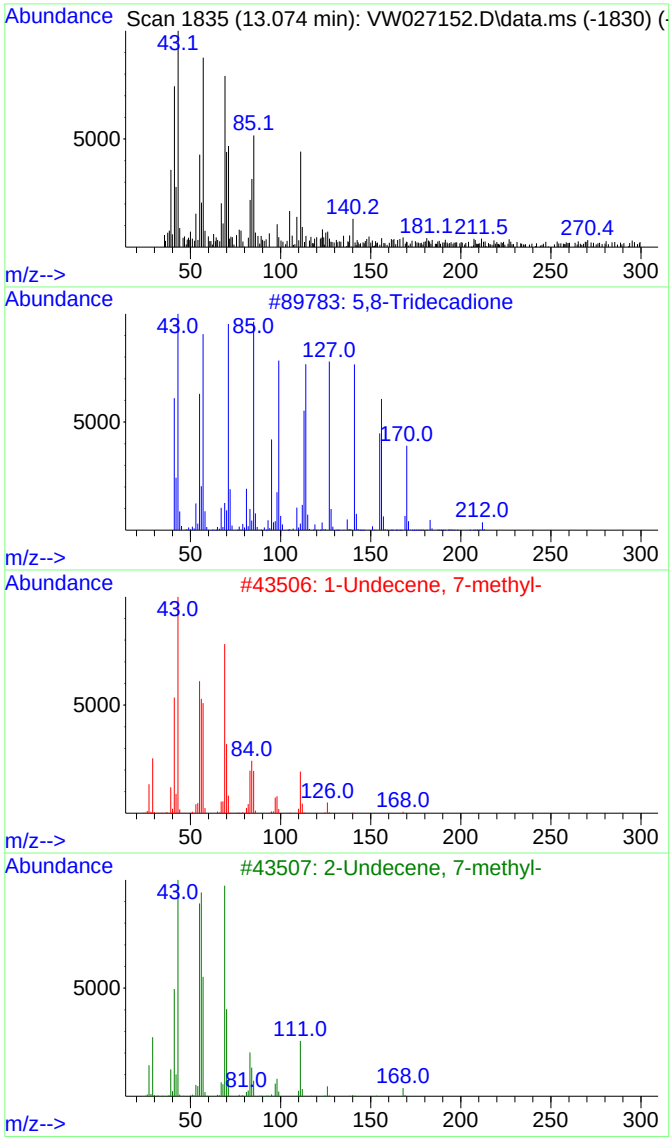
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

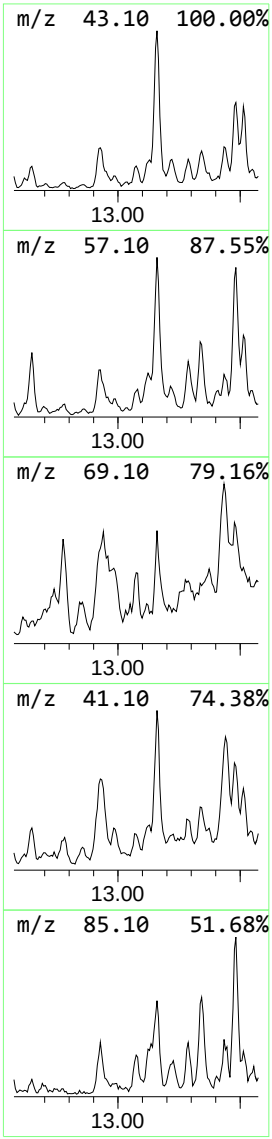
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 5,8-Tridecadione Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	11.11 ug/L	93418	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Tridecadione	212	C13H24O2	067238-16-8	64
2	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	49
3	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	46
4	Octane, 4-methyl-	128	C9H20	002216-34-4	45
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

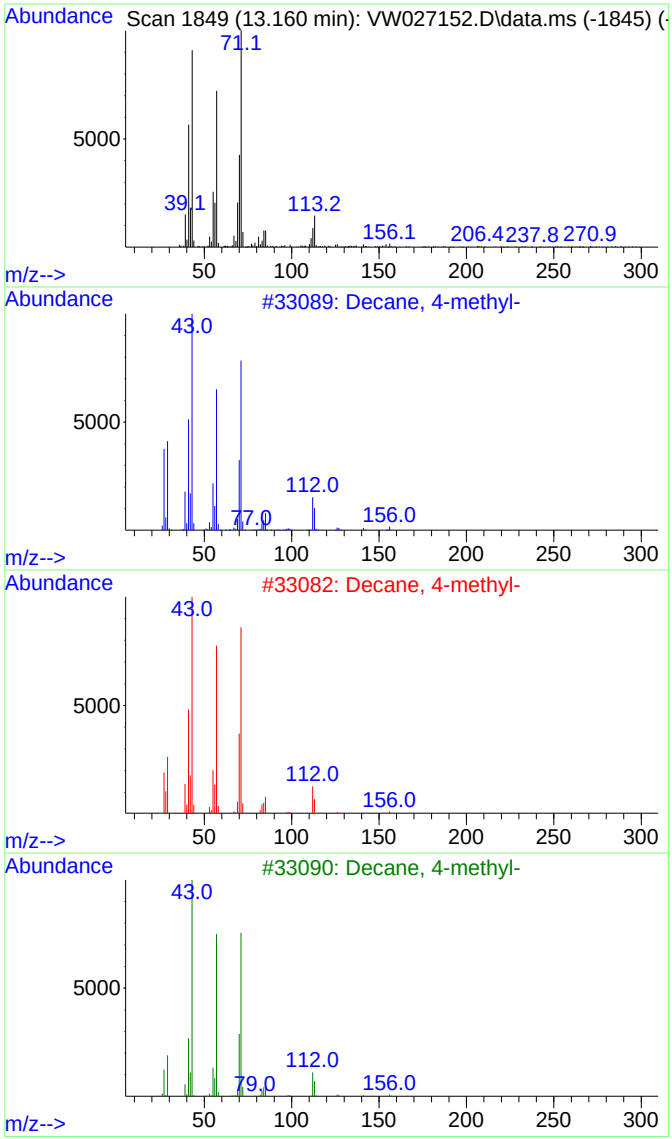
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

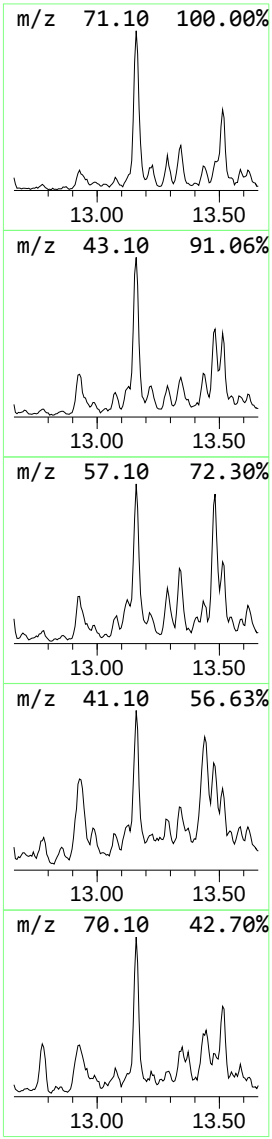
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	38.05 ug/L	319856	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Decane, 4-methyl-	156	C11H24	002847-72-5	83
3	Decane, 4-methyl-	156	C11H24	002847-72-5	80
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

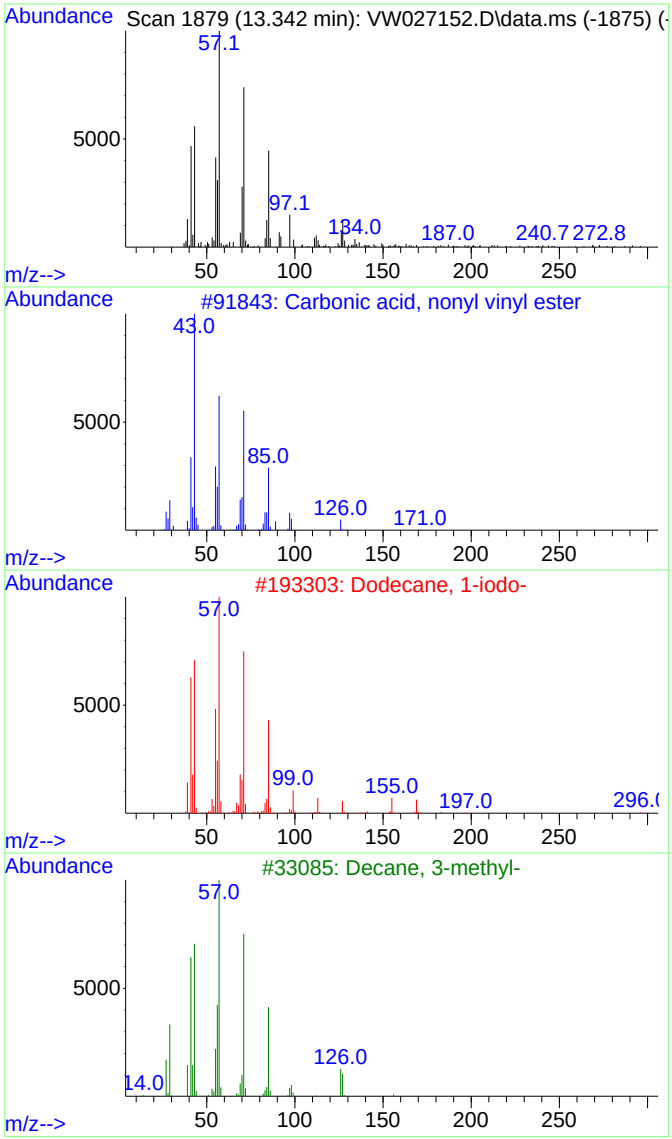
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

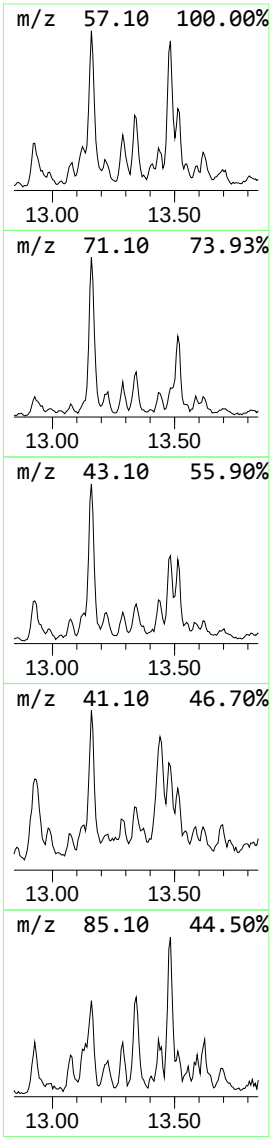
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Carbonic acid, nonyl vinyl ... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	11.31 ug/L	95055	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	78
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Decane, 3-methyl-	156	C11H24	013151-34-3	72
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5	Dodecane	170	C12H26	000112-40-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

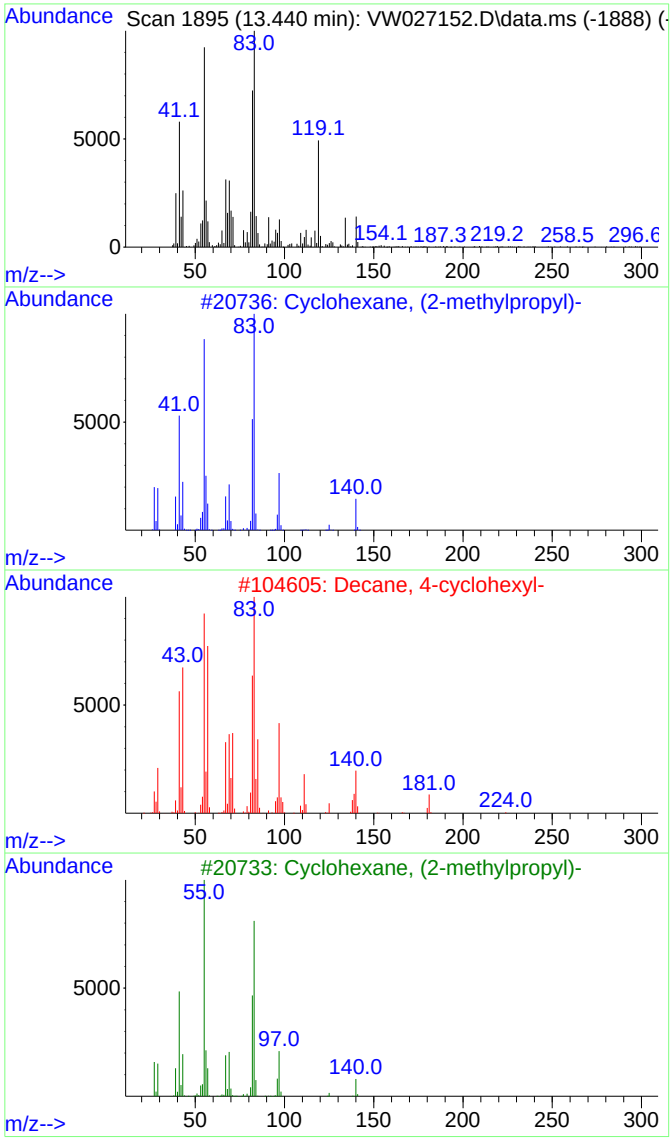
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

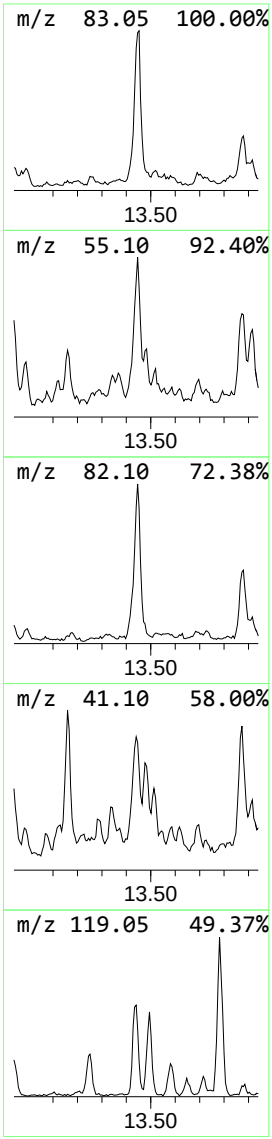
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Cyclic13.440 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	62.27 ug/L	523457	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	62
2	Decane, 4-cyclohexyl-	224	C16H32	013151-75-2	59
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

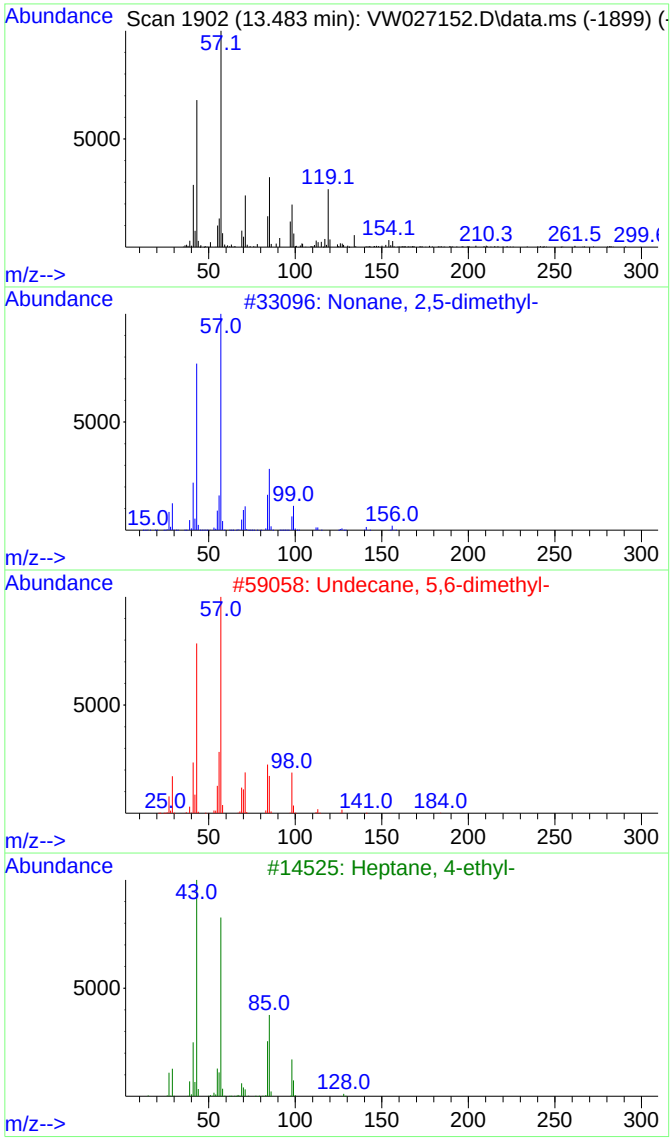
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

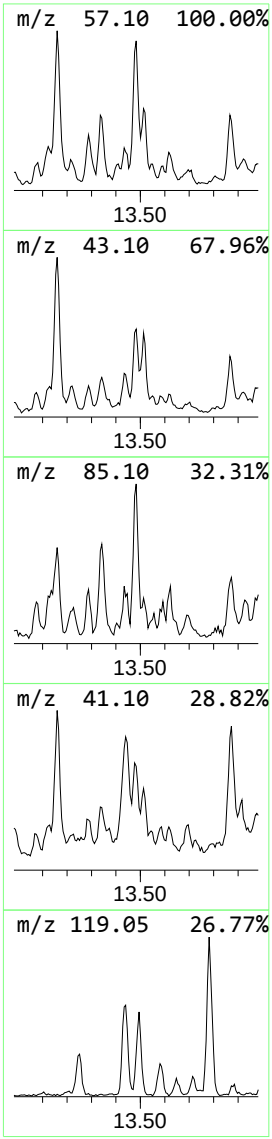
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	31.40 ug/L	263971	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	43
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	35
5	Hexadecane	226	C16H34	000544-76-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

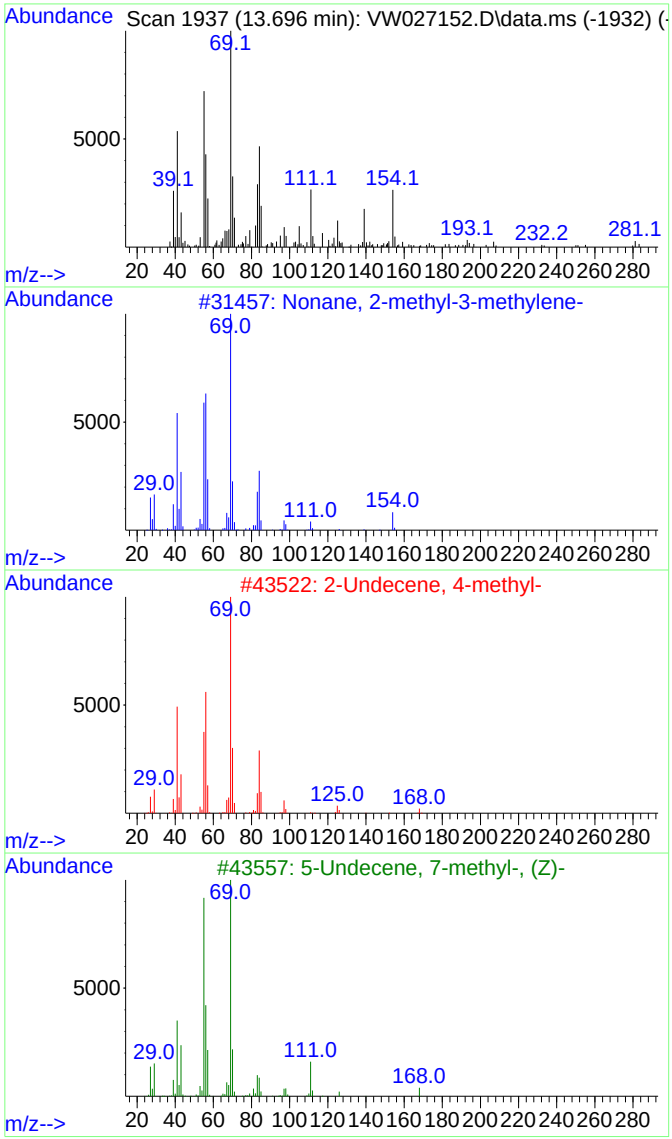
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

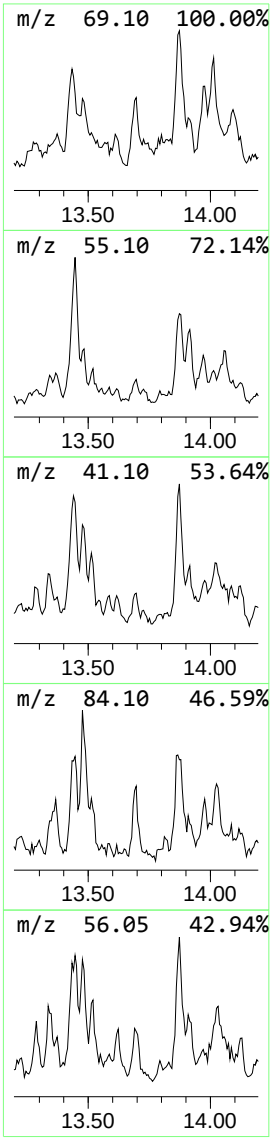
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	9.41 ug/L	79091	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	52
2	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50
3	5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	47
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	47
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

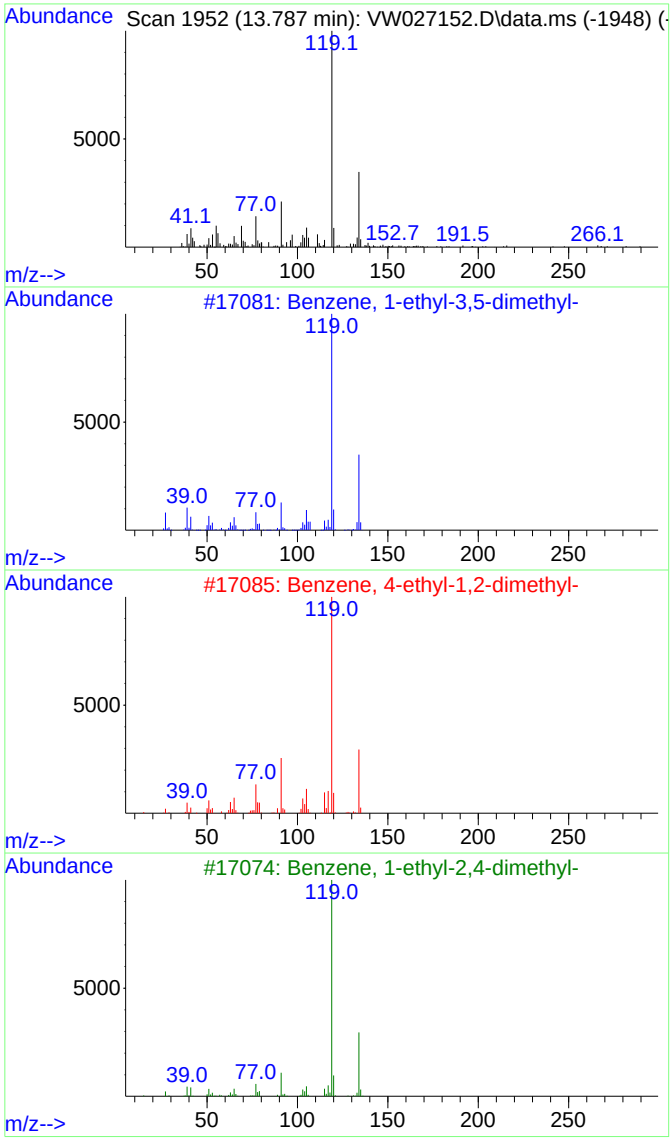
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

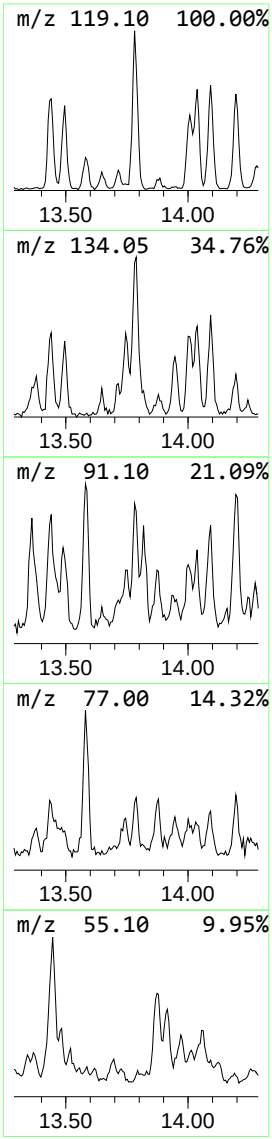
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	7.84 ug/L	65876	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

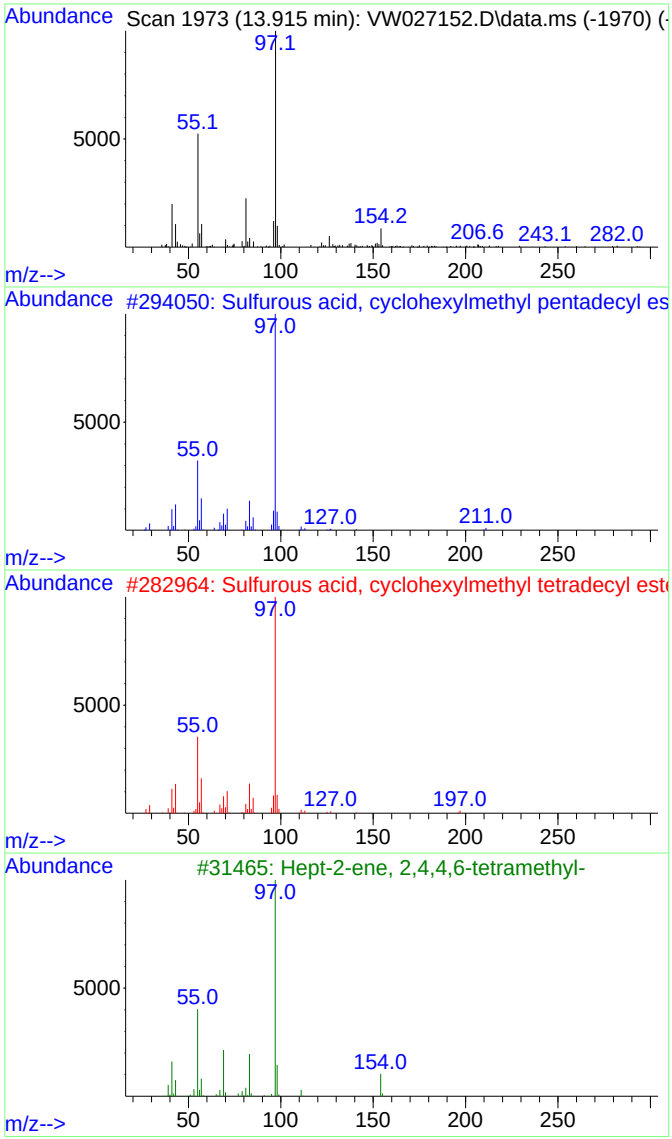
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

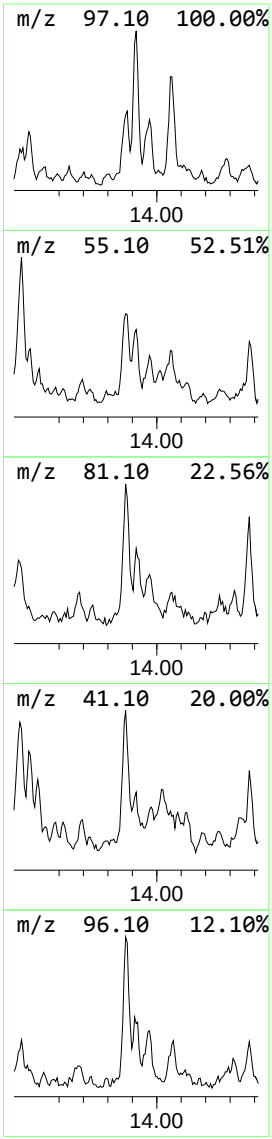
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Sulfurous acid, cyclohexylm... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	9.03 ug/L	75932	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	72
2	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
3	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	64
4	3-Pentenoic acid, 2,2,4-trimethyl-	142	C8H14O2	004177-03-1	59
5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

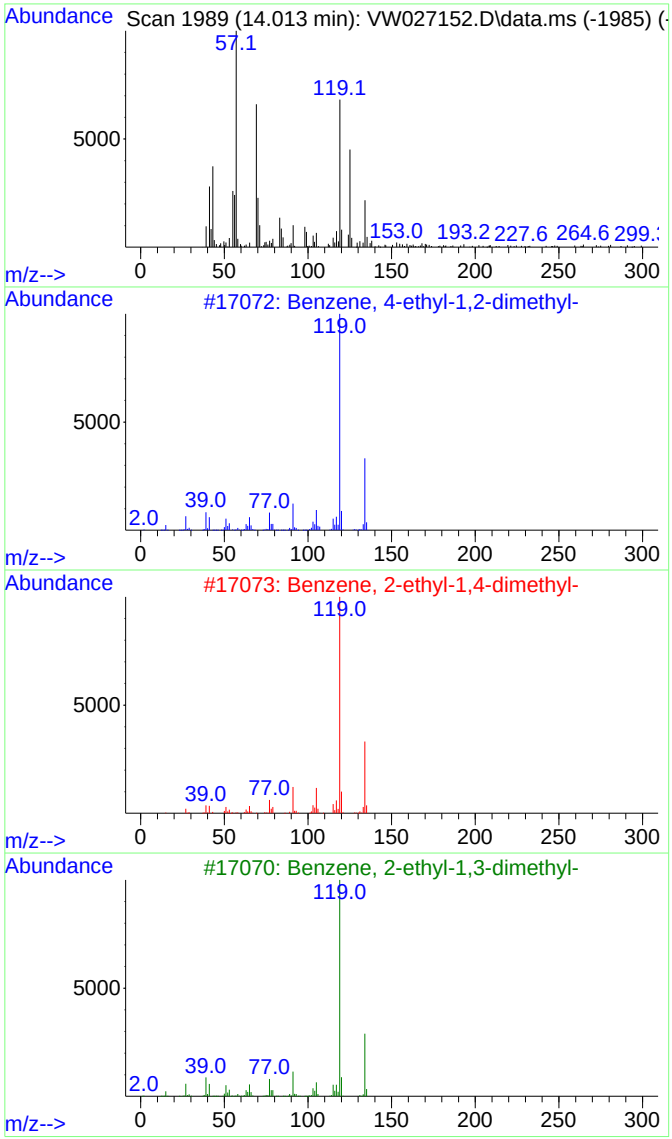
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

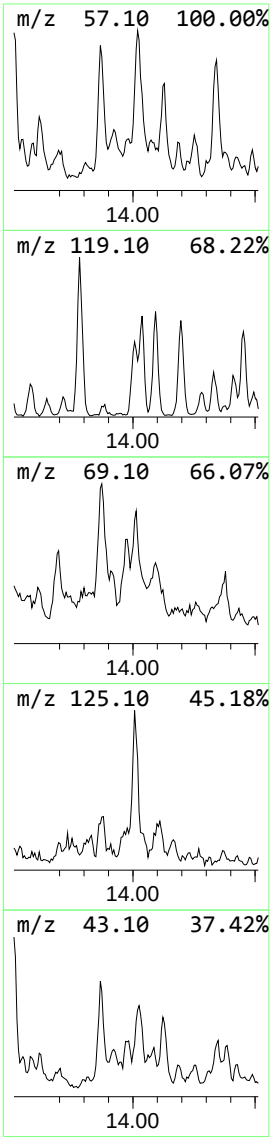
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.013	21.91 ug/L	184140	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

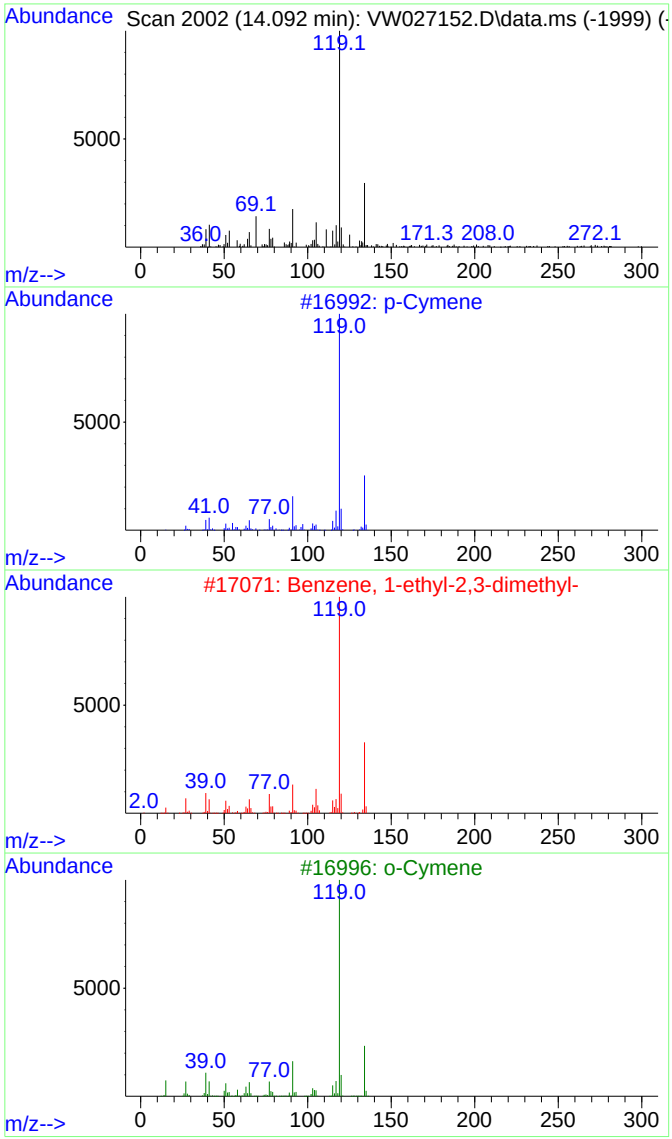
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

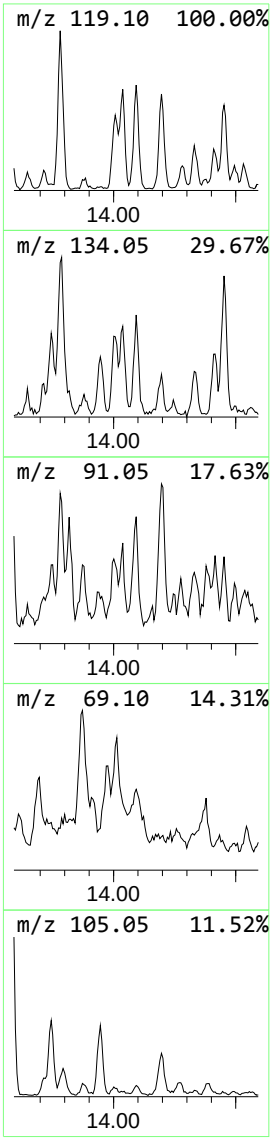
****

Peak Number 56 p-Cymene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	6.35 ug/L	53375	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	o-Cymene	134	C10H14	000527-84-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

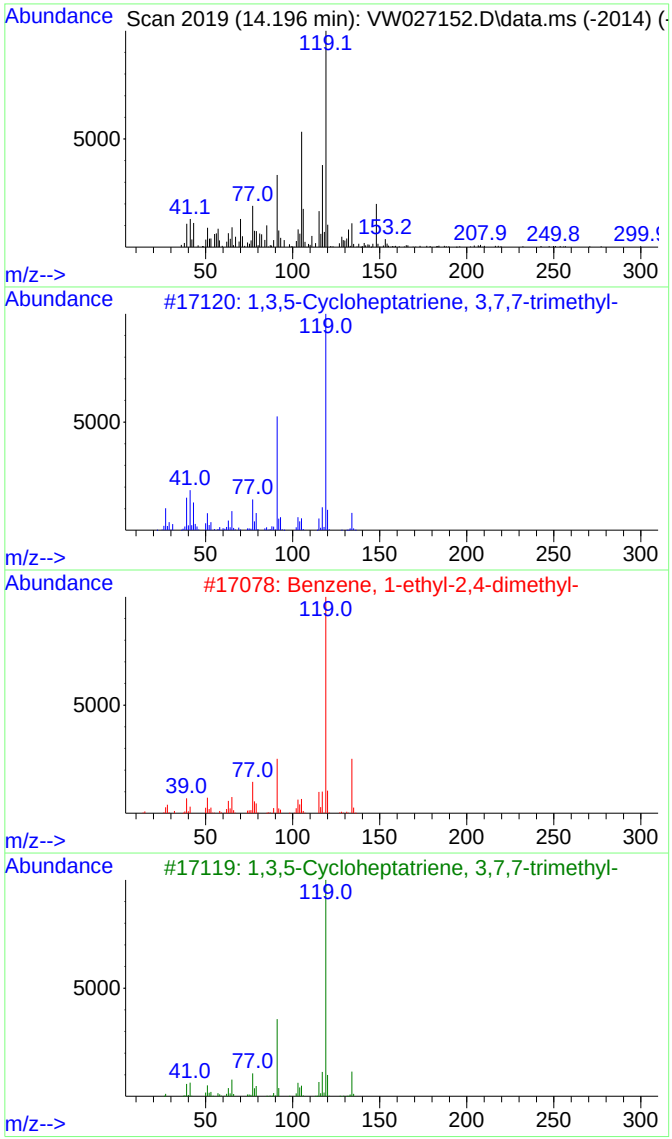
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

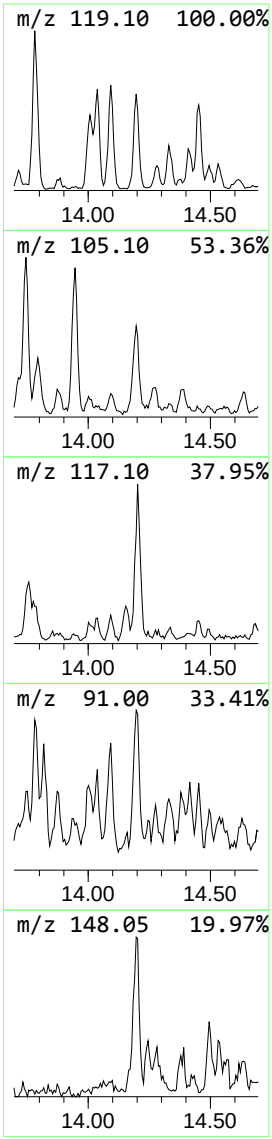
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	19.79 ug/L	166381	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	58
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	53
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5	p-Cymene	134	C10H14	000099-87-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

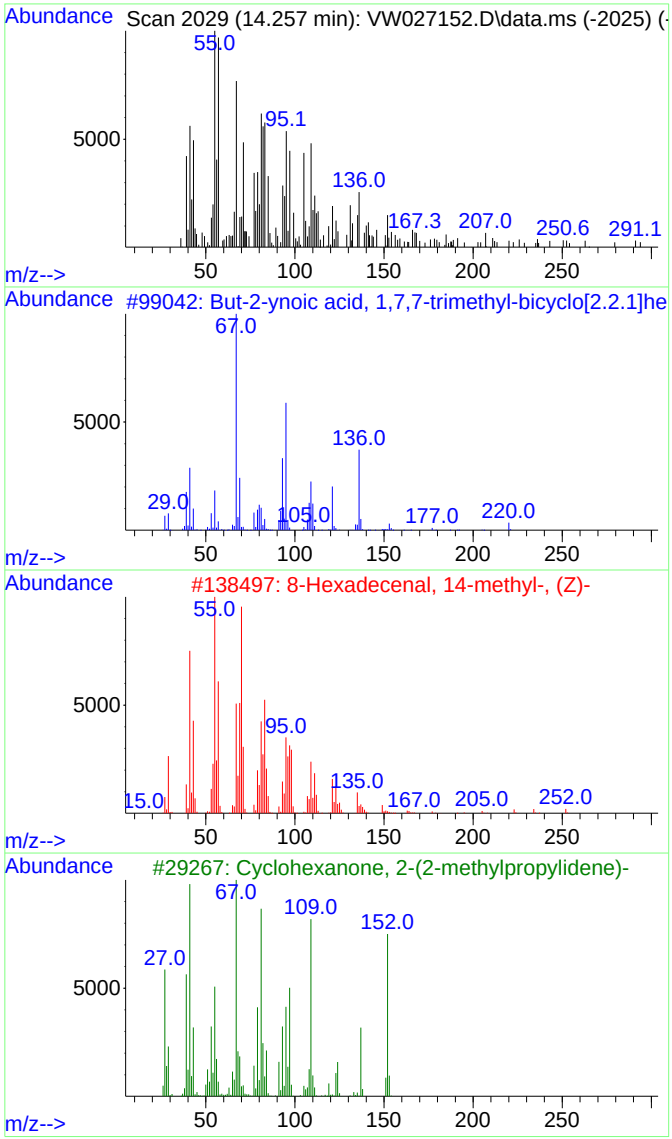
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

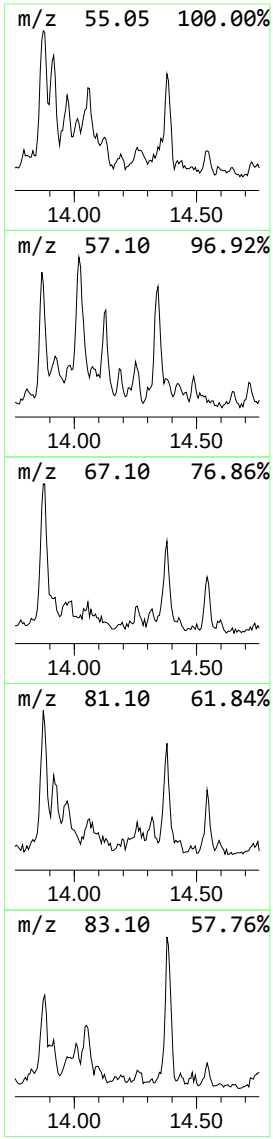
****

Peak Number 58 unknown-13 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	10.18 ug/L	85558	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	But-2-ynoic acid, 1,7,7-trimethy...	220	C14H20O2	091404-80-7	46
2	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	46
3	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	45
4	Undec-10-ynoic acid, tetradecyl ...	378	C25H46O2	1000406-16-7	43
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

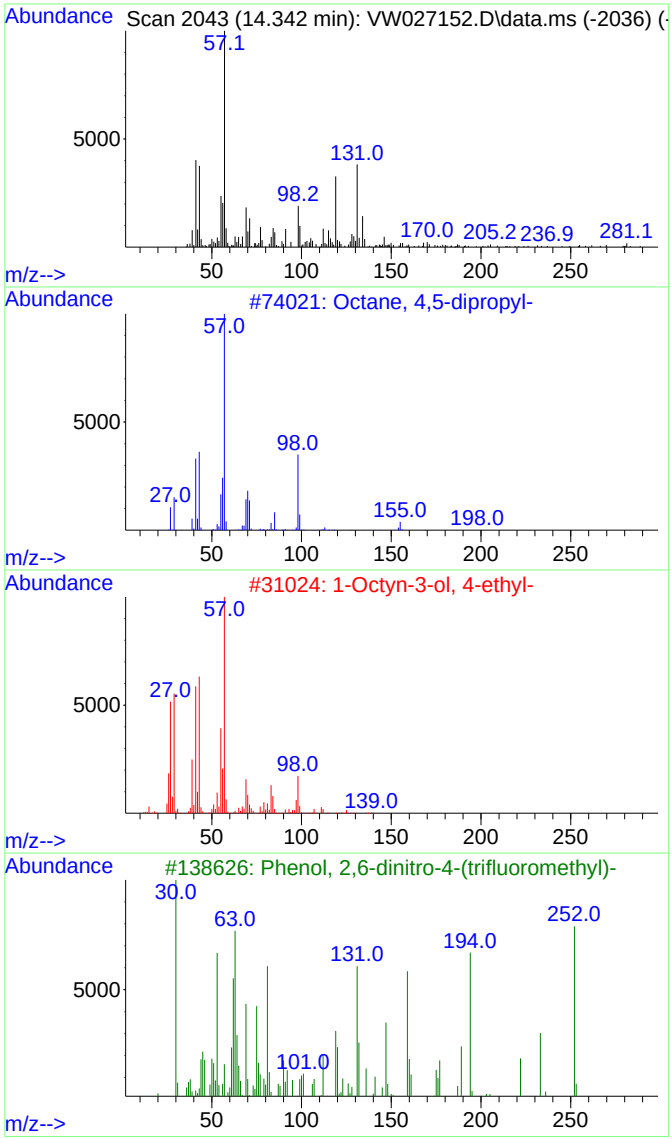
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

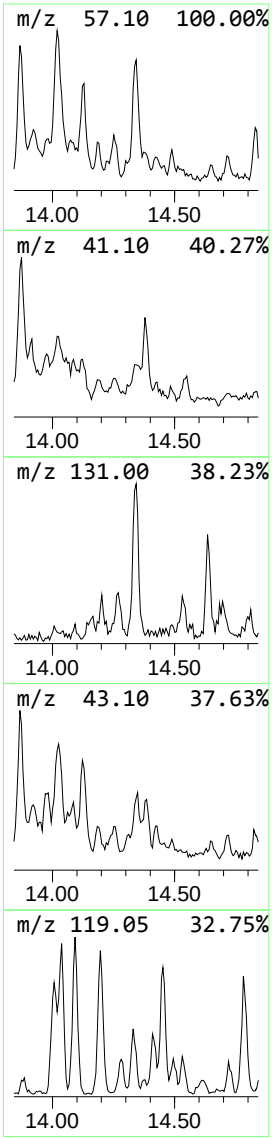
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	15.32 ug/L	128767	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	35
2	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	27
3	Phenol, 2,6-dinitro-4-(trifluoro...	252	C7H3F3N2O5	000393-77-1	27
4	Octane, 3-methyl-	128	C9H20	002216-33-3	27
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

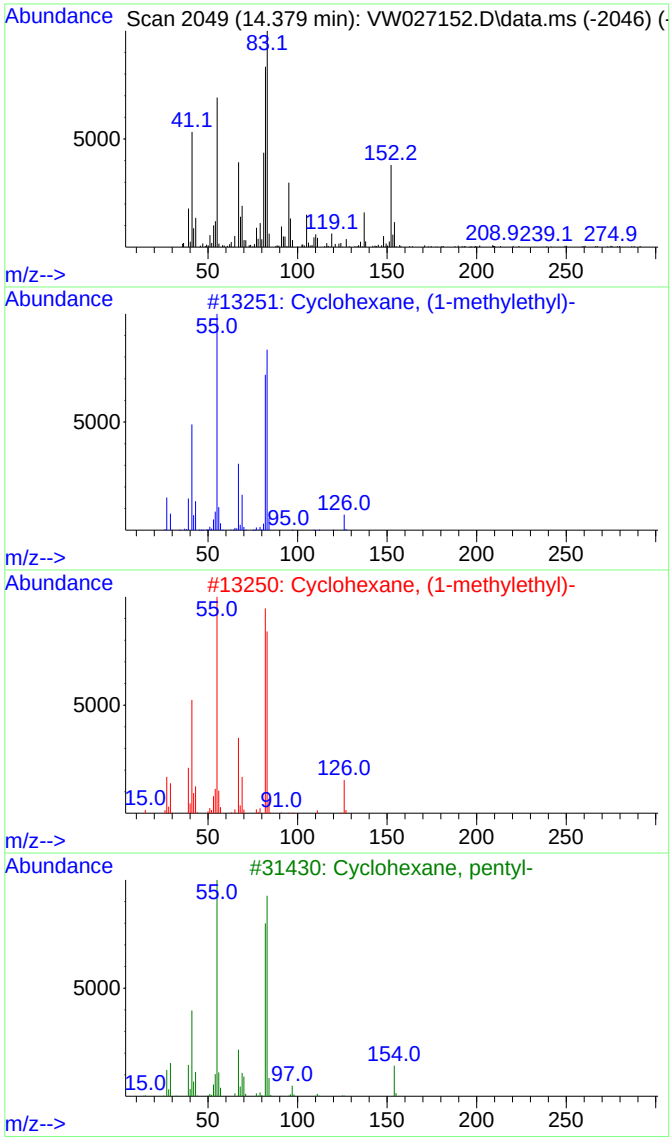
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

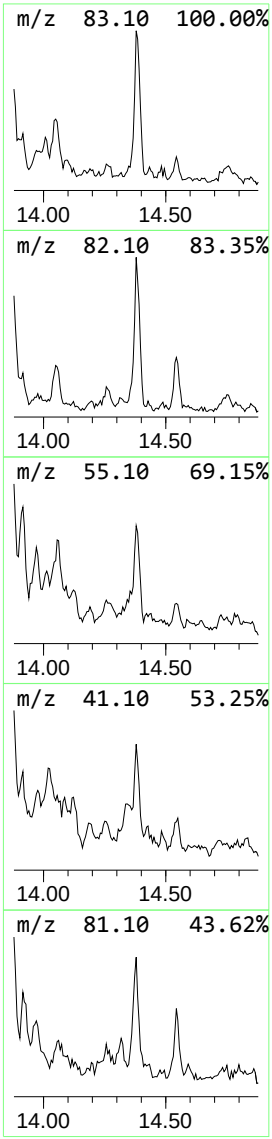
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Cyclic14.379 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	22.81 ug/L	191762	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4	Cyclohexanone, 2-methylene-5-(1-...	152	C10H16O	015297-07-1	38
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

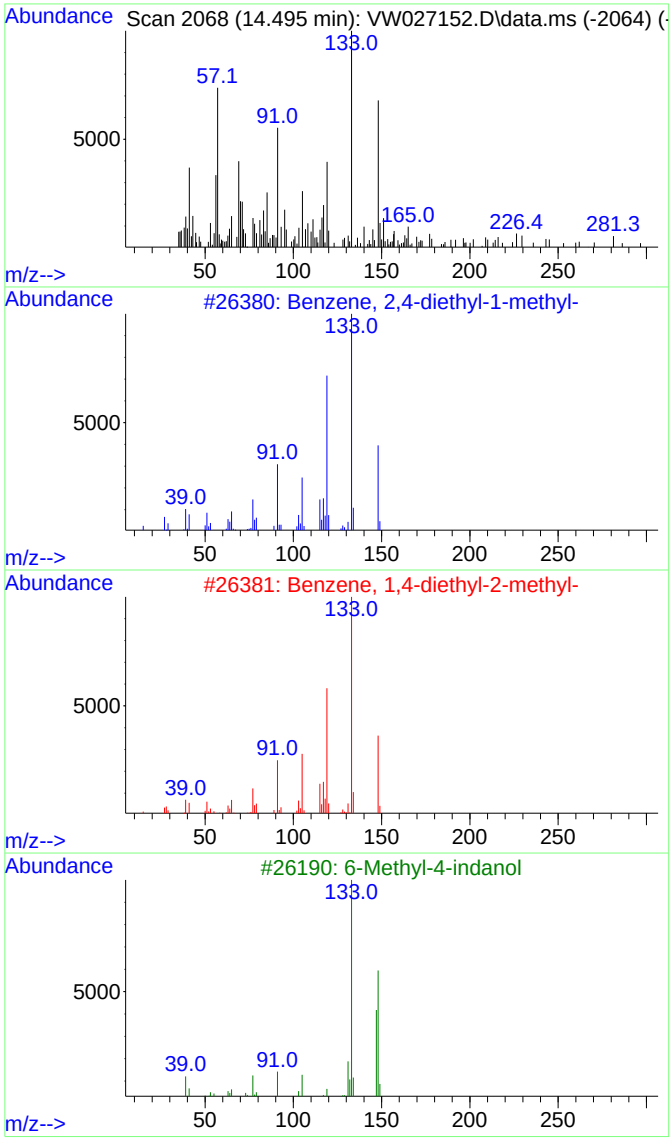
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

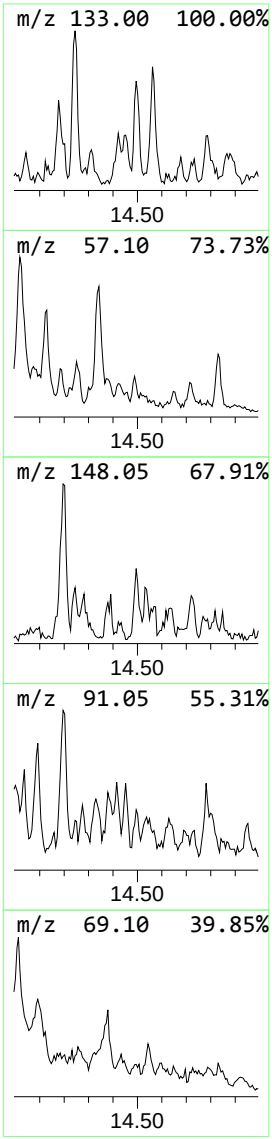
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	4.61 ug/L	38783	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
3	6-Methyl-4-indanol	148	C10H12O	020294-32-0	49
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

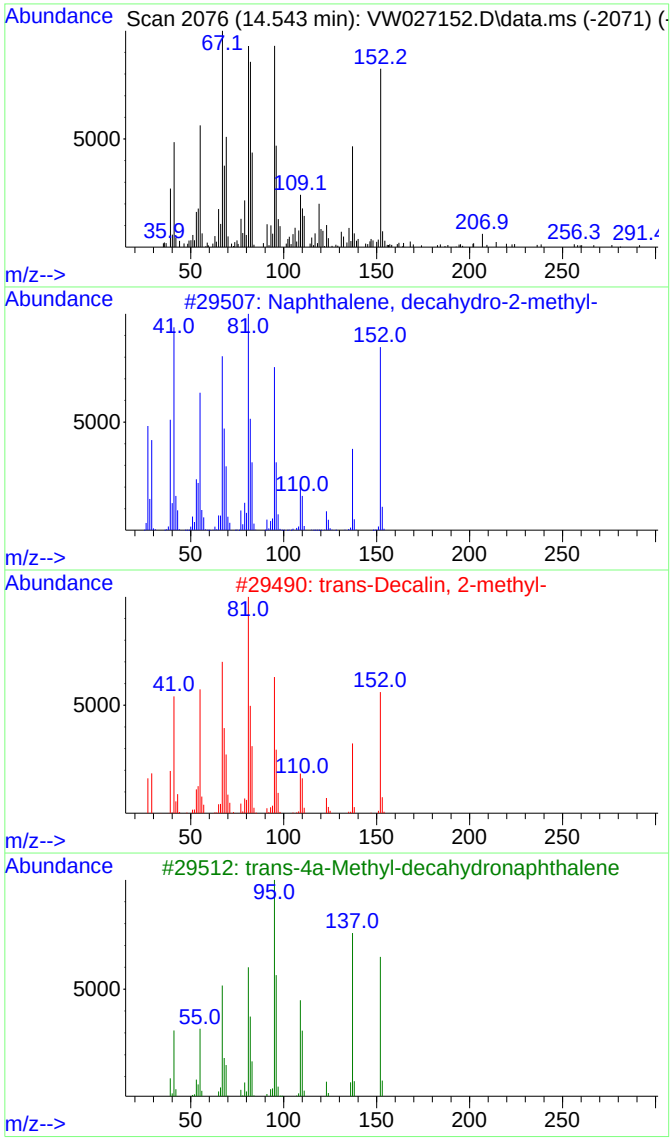
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

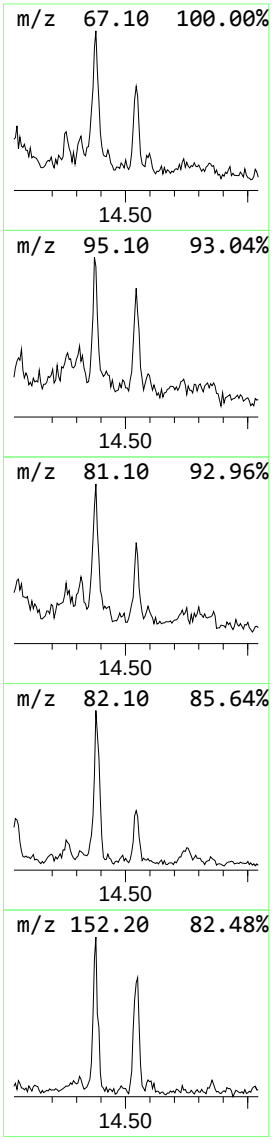
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	15.58 ug/L	130974	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58
4	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	53
5	6,6-Dimethyl-cyclooct-4-enone	152	C10H16O	1000194-10-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

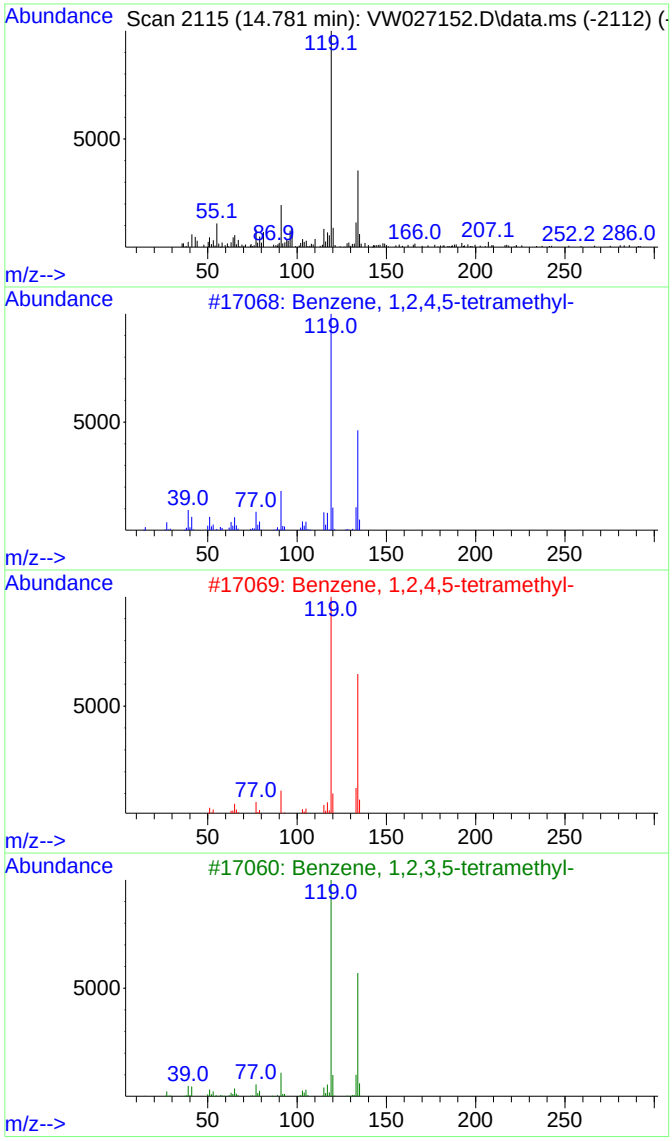
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

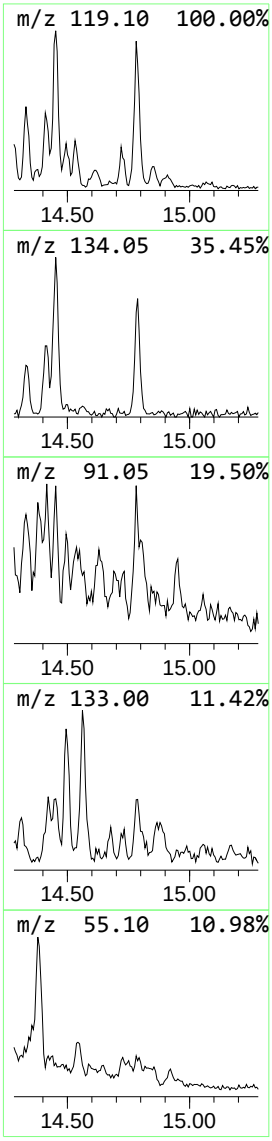
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	9.06 ug/L	76188	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
Data File : VW027152.D
Acq On : 19 Sep 2023 17:03
Operator : SY/MD
Sample : 04472-21
Misc : 5.73g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYM8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.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	2.235	5.2	ug/L	12451	1	8.843	59877	25.0
unknown-02	3.862	6.5	ug/L	15486	1	8.843	59877	25.0
unknown-03	4.240	5.1	ug/L	12155	1	8.843	59877	25.0
unknown-04	4.259	4.7	ug/L	11290	1	8.843	59877	25.0
Pyridine, 2,5-d...	4.484	2.9	ug/L	6886	1	8.843	59877	25.0
unknown-05	4.588	3.1	ug/L	7388	1	8.843	59877	25.0
unknown-06	4.734	9.8	ug/L	23493	1	8.843	59877	25.0
(2-Amino-5-chlo...	5.033	26.8	ug/L	64281	1	8.843	59877	25.0
Benzenesulfonam...	5.307	5.2	ug/L	12390	1	8.843	59877	25.0
Anhydro 2-hydro...	5.350	13.0	ug/L	31238	1	8.843	59877	25.0
unknown-07	5.533	2.8	ug/L	6600	1	8.843	59877	25.0
unknown-08	5.582	3.1	ug/L	7412	1	8.843	59877	25.0
unknown-09	5.655	4.5	ug/L	10820	1	8.843	59877	25.0
Pyridine, 2-(1,...	5.783	53.8	ug/L	128789	1	8.843	59877	25.0
unknown-10	6.167	10.3	ug/L	24597	1	8.843	59877	25.0
unknown-11	6.313	32.2	ug/L	77126	1	8.843	59877	25.0
unknown-12	8.691	6.9	ug/L	16519	1	8.843	59877	25.0
(DEL) Alkane: C...	9.745	4.4	ug/L	10576	1	8.843	59877	25.0
(DEL) Alkane: S...	9.959	15.6	ug/L	37267	1	8.843	59877	25.0
(DEL) Alkane: S...	10.093	11.7	ug/L	27949	1	8.843	59877	25.0
(DEL) Alkane: S...	10.502	32.6	ug/L	153022	2	11.635	117288	25.0
(DEL) Alkane: C...	10.660	13.2	ug/L	61794	2	11.635	117288	25.0
(DEL) Alkane: C...	10.758	6.2	ug/L	28850	2	11.635	117288	25.0
(DEL) Alkane: S...	10.940	6.0	ug/L	28239	2	11.635	117288	25.0
(DEL) Alkane: C...	11.105	9.5	ug/L	44642	2	11.635	117288	25.0
(DEL) Alkane: C...	11.178	38.5	ug/L	180517	2	11.635	117288	25.0
(DEL) Alkane: C...	11.227	15.9	ug/L	74613	2	11.635	117288	25.0
Piperidine	11.337	8.8	ug/L	41411	2	11.635	117288	25.0
(DEL) Alkane: S...	11.404	37.4	ug/L	175254	2	11.635	117288	25.0
(DEL) Alkane: S...	11.507	20.7	ug/L	96935	2	11.635	117288	25.0
(DEL) Alkane: S...	12.251	21.4	ug/L	100305	2	11.635	117288	25.0
(DEL) Alkane: S...	12.367	108.1	ug/L	507048	2	11.635	117288	25.0
(DEL) Alkane: S...	12.538	37.2	ug/L	174360	2	11.635	117288	25.0
(DEL) Alkane: S...	12.775	14.4	ug/L	121246	3	13.550	210140	25.0
Benzene, 1-ethy...	12.861	16.3	ug/L	136581	3	13.550	210140	25.0
5,8-Tridecadione	13.074	11.1	ug/L	93418	3	13.550	210140	25.0
(DEL) Alkane: S...	13.160	38.0	ug/L	319856	3	13.550	210140	25.0
Carbonic acid, ...	13.342	11.3	ug/L	95055	3	13.550	210140	25.0
(DEL) Alkane: C...	13.440	62.3	ug/L	523457	3	13.550	210140	25.0
(DEL) Alkane: S...	13.483	31.4	ug/L	263971	3	13.550	210140	25.0
(DEL) Alkane: S...	13.696	9.4	ug/L	79091	3	13.550	210140	25.0
Benzene, 1-ethy...	13.788	7.8	ug/L	65876	3	13.550	210140	25.0
Sulfurous acid,...	13.916	9.0	ug/L	75932	3	13.550	210140	25.0
Benzene, 4-ethy...	14.013	21.9	ug/L	184140	3	13.550	210140	25.0
p-Cymene	14.092	6.3	ug/L	53375	3	13.550	210140	25.0
1,3,5-Cycloheptt...	14.196	19.8	ug/L	166381	3	13.550	210140	25.0
unknown-13	14.257	10.2	ug/L	85558	3	13.550	210140	25.0
(DEL) Alkane: S...	14.342	15.3	ug/L	128767	3	13.550	210140	25.0
(DEL) Alkane: C...	14.379	22.8	ug/L	191762	3	13.550	210140	25.0
Benzene, 2,4-di...	14.495	4.6	ug/L	38783	3	13.550	210140	25.0
Naphthalene, de...	14.543	15.6	ug/L	130974	3	13.550	210140	25.0
Benzene, 1,2,4,...	14.781	9.1	ug/L	76188	3	13.550	210140	25.0

Instrument :
MSVOA_W
ClientSampleId :
EZYM8