LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

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: VW027130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	7	12	24	rBV	108410	187886	6.95%	0.450%
2	2.363	66	78	88	rBV3	160798	431569	15.96%	1.034%
3	2.460	90	94	106	rVB3	32565	72225	2.67%	0.173%
4	2.893	157	165	177	rBV	99278	279331	10.33%	0.669%
5	3.033	182	188	200	rVB2	40482	107515	3.98%	0.258%
6	3.308	227	233	240	rVV2	27718	59030	2.18%	0.141%
7	3.393	240	247	263	rVB3	119951	341430	12.63%	0.818%
8	3.588	272	279	290	rVB2	24521	64012	2.37%	0.153%
9	4.021	337	350	361	rBV	223094	726469	26.87%	1.741%
10	4.112	361	365	379	rVB2	57279	170651	6.31%	0.409%
11	4.387	401	410	423	rVV	58769	193982	7.18%	0.465%
12	4.509	423	430	439	rVB	32980	94528	3.50%	0.227%
13	4.966	485	505	516	rBV4	66400	348554	12.89%	0.835%
14	5.441	572	583	601	rVB	61870	213543	7.90%	0.512%
15	5.764	624	636	650	rVB5	35630	153201	5.67%	0.367%
16	5.941	655	665	680	rVB	188251	567372	20.99%	1.360%
17	6.112	682	693	703	rBV6	16573	54543	2.02%	0.131%
18	6.228	703	712	719	rBV	38400	118465	4.38%	0.284%
19	6.569	756	768	778	rVV3	20739	65082	2.41%	0.156%
20	7.081	843	852	858	rBV	64927	186270	6.89%	0.446%
21	7.167	862	866	880	rVB	34722	98948	3.66%	0.237%
22	7.648	934	945	962	rVV	442304	1218205	45.06%	2.919%
23	7.923	983	990	998	rBV	132231	309505	11.45%	0.742%
24	8.032	999	1008	1018	rVB4	70416	247635	9.16%	0.593%
25	8.154	1018	1028	1038	rBV	293052	656431	24.28%	1.573%
26	8.276	1038	1048	1067	rBV2	872101	2703403	100.00%	6.478%
27	8.422	1067	1072	1079	rVB2	32969	78641	2.91%	0.188%
28	8.526	1081	1089	1094	rBV2	76490	176167	6.52%	0.422%
29	8.593	1094	1100	1107	rVB5	69494	175763	6.50%	0.421%
30	8.697	1108	1117	1131	rVB	507989	1106233	40.92%	2.651%
31	8.843	1131	1141	1146	rBV	958289	1956717	72.38%	4.689%
32	8.892	1146	1149	1155	rVB	154302	257750	9.53%	0.618%
33	9.087	1172	1181	1195	rVB5	95191	232891	8.61%	0.558%
34	9.276	1203	1212	1219	rBV	594611	1261793	46.67%	3.024%
35	9.386	1225	1230	1241	rVB4	57109	127822	4.73%	0.306%
36	9.520	1241	1252	1259	rVB4	30096	70689	2.61%	0.169%

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ClientSampleId :
EZYL0

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	9.691	1272	1280	1284	rBV4	63787	145186	5.37%	0.348%
38	9.745	1284	1289	1295	rVV2	128265	244817	9.06%	0.587%
39	9.812	1295	1300	1304	rVV3	54968	100425	3.71%	0.241%
40	9.898	1304	1314	1318	rVV4	112637	281414	10.41%	0.674%
41	9.953	1318	1323	1326	rVV2	221799	391251	14.47%	0.938%
42	9.989	1326	1329	1332	rVV	168666	265599	9.82%	0.636%
43	10.032	1332	1336	1341	rVV	285531	510713	18.89%	1.224%
44	10.093	1341	1346	1357	rVB	458682	1132774	41.90%	2.714%
45	10.184	1357	1361	1368	rVB2	64242	111547	4.13%	0.267%
46	10.270	1368	1375	1377	rBV3	36031	74467	2.75%	0.178%
47	10.325	1377	1384	1389	rBV	1164932	2089566	77.29%	5.007%
48	10.367	1389	1391	1393	rVV	142110	184825	6.84%	0.443%
49	10.398	1393	1396	1406	rVB6	168008	415810	15.38%	0.996%
50	10.501	1406	1413	1419	rVB	759167	1327897	49.12%	3.182%
51	10.575	1419	1425	1429	rBV2	294115	502012	18.57%	1.203%
52	10.623	1429	1433	1439	rVB	298986	472334	17.47%	1.132%
53	10.690	1439	1444	1448	rBV3	38741	69659	2.58%	0.167%
54	10.776	1450	1458	1465	rVB2	165523	329878	12.20%	0.790%
55	10.843	1465	1469	1476	rVB2	55453	100366	3.71%	0.240%
56	10.928	1476	1483	1496	rBV3	213016	517974	19.16%	1.241%
57	11.038	1496	1501	1502	rBV	72862	101320	3.75%	0.243%
58	11.123	1509	1515	1520	rVB7	43763	119213	4.41%	0.286%
59	11.178	1520	1524	1527	rBV2	85965	131054	4.85%	0.314%
60	11.245	1527	1535	1537	rBV4	78854	195524	7.23%	0.469%
61	11.337	1546	1550	1553	rBV2	108971	172567	6.38%	0.414%
62	11.404	1553	1561	1566	rVV2	423445	1009791	37.35%	2.420%
63	11.452	1566	1569	1573	rVB	103693	147942	5.47%	0.354%
64	11.507	1573	1578	1585	rVB	521307	845167	31.26%	2.025%
65	11.629	1592	1598	1607	rVB	1445965	2495091	92.29%	5.979%
66	11.727	1608	1614	1620	rBV2	371258	686615	25.40%	1.645%
67	11.788	1620	1624	1625	rBV3	67160	91116	3.37%	0.218%
68	11.836	1625	1632	1642	rVV	559946	1187972	43.94%	2.847%
69	11.922	1642	1646	1656	rVB	247986	462375	17.10%	1.108%
70	12.013	1657	1661	1663	rBV3	38029	57983	2.14%	0.139%
71	12.056	1663	1668	1672	rVB2	112081	153156	5.67%	0.367%
72	12.141	1677	1682	1684	rBV4	46075	82594	3.06%	0.198%
73	12.245	1693	1699	1704	rBV4	108480	247325	9.15%	0.593%
74	12.330	1709	1713	1716	rBV2	94759	143471	5.31%	0.344%
75	12.367	1716	1719	1725	rVB5	107196	190019	7.03%	0.455%
76	12.434	1725	1730	1735	rBV2	112515	266288	9.85%	0.638%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EZYL0

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	12.495	1735	1740	1742	rBV4	128522	249378	9.22%	0.598%
78	12.647	1755	1765	1768	rBV2	215925	421521	15.59%	1.010%
79	12.690	1768	1772	1785	rVB	533054	1175143	43.47%	2.816%
80	12.806	1785	1791	1792	rBV2	77427	122513	4.53%	0.294%
81	12.830	1792	1795	1799	rVV2	131944	170402	6.30%	0.408%
82	12.879	1799	1803	1806	rVV3	71860	123121	4.55%	0.295%
83	12.928	1806	1811	1818	rVB	353061	566860	20.97%	1.358%
84	12.995	1818	1822	1831	rVB3	133909	238682	8.83%	0.572%
85	13.074	1831	1835	1836	rBV3	58718	75202	2.78%	0.180%
86	13.117	1837	1842	1848	rVB6	98835	203762	7.54%	0.488%
87	13.226	1855	1860	1867	rBV6	75191	179579	6.64%	0.430%
88	13.287	1867	1870	1875	rVV3	51046	72169	2.67%	0.173%
89	13.397	1885	1888	1891	rBV5	39608	56548	2.09%	0.136%
90	13.434	1892	1894	1898	rVV4	69329	83954	3.11%	0.201%
91	13.483	1898	1902	1904	rVV	104974	132490	4.90%	0.317%
92	13.513	1904	1907	1909	rVV	122186	161367	5.97%	0.387%
93	13.556	1909	1914	1921	rVV	1238710	1999896	73.98%	4.792%
94	13.617	1921	1924	1931	rVB2	108157	170816	6.32%	0.409%
95	13.787	1949	1952	1955	rVV2	59272	86559	3.20%	0.207%
96	13.848	1955	1962	1970	rVV	1029841	1877500	69.45%	4.499%
97	13.921	1971	1974	1982	rVB4	71276	167616	6.20%	0.402%
98	14.196	2015	2019	2024	rBV5	37719	77466	2.87%	0.186%
99	14.257	2025	2029	2034	rBV4	42490	70507	2.61%	0.169%
100	14.495	2064	2068	2072	rVB2	57283	80317	2.97%	0.192%

Sum of corrected areas: 41732716

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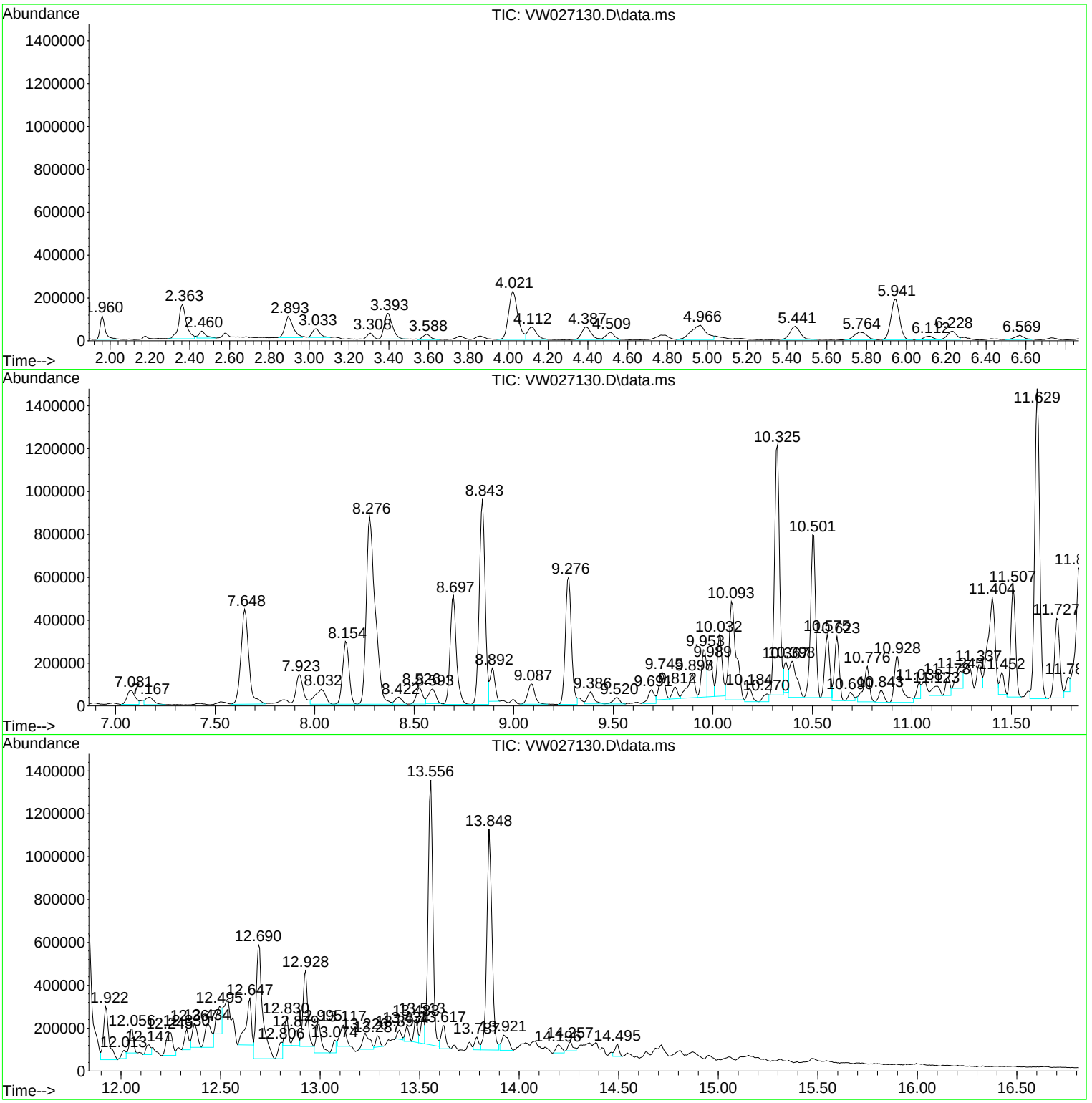
Instrument :
MSVOA_W
ClientSampleId :
EZYL0

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\VW091823\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

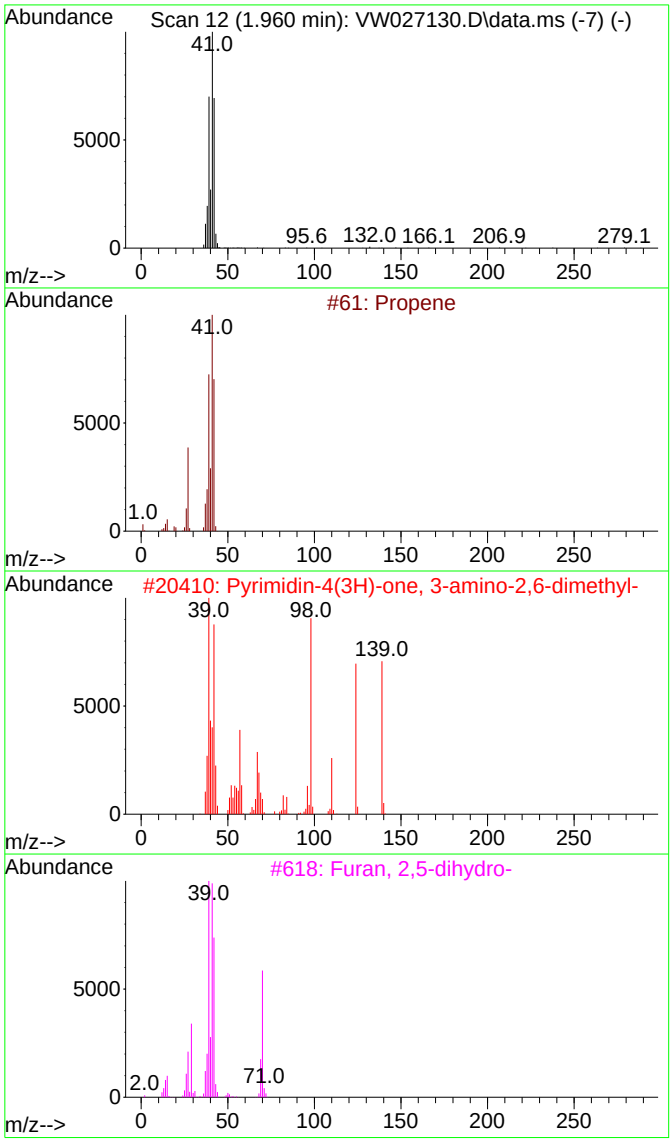
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

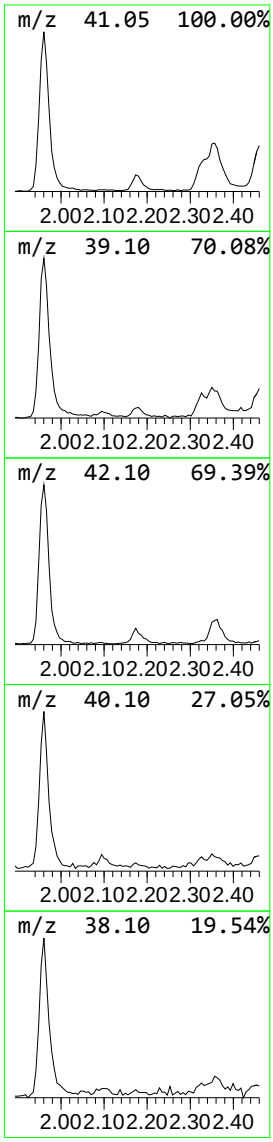
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.960	2.40 ug/L	187886	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	72
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
4	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	64
5	N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
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Instrument :
MSVOA_W
ClientSampleId :
EZYL0

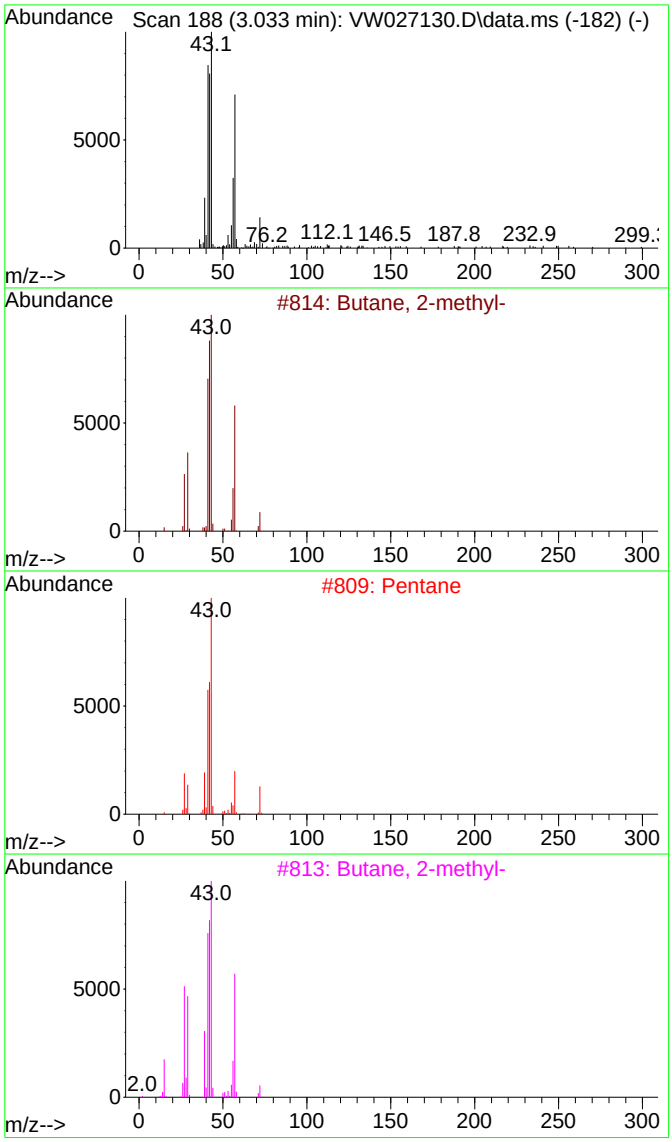
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

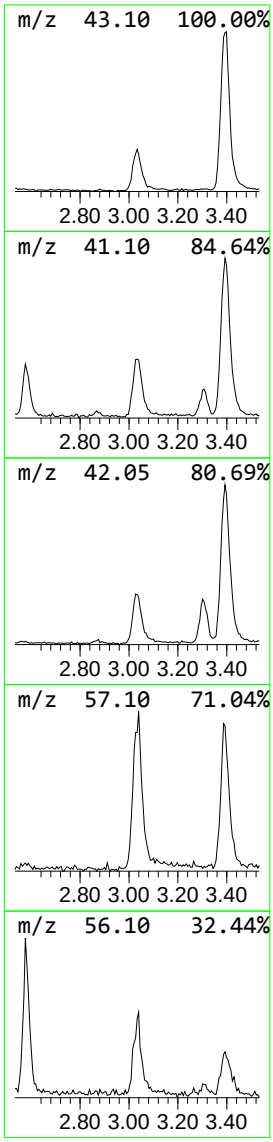
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.033	1.37 ug/L	107515	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	72
2	Pentane	72	C5H12	000109-66-0	59
3	Butane, 2-methyl-	72	C5H12	000078-78-4	56
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
5	Isobutylene epoxide	72	C4H8O	000558-30-5	42





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Instrument :
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ClientSampleId :
EZYL0

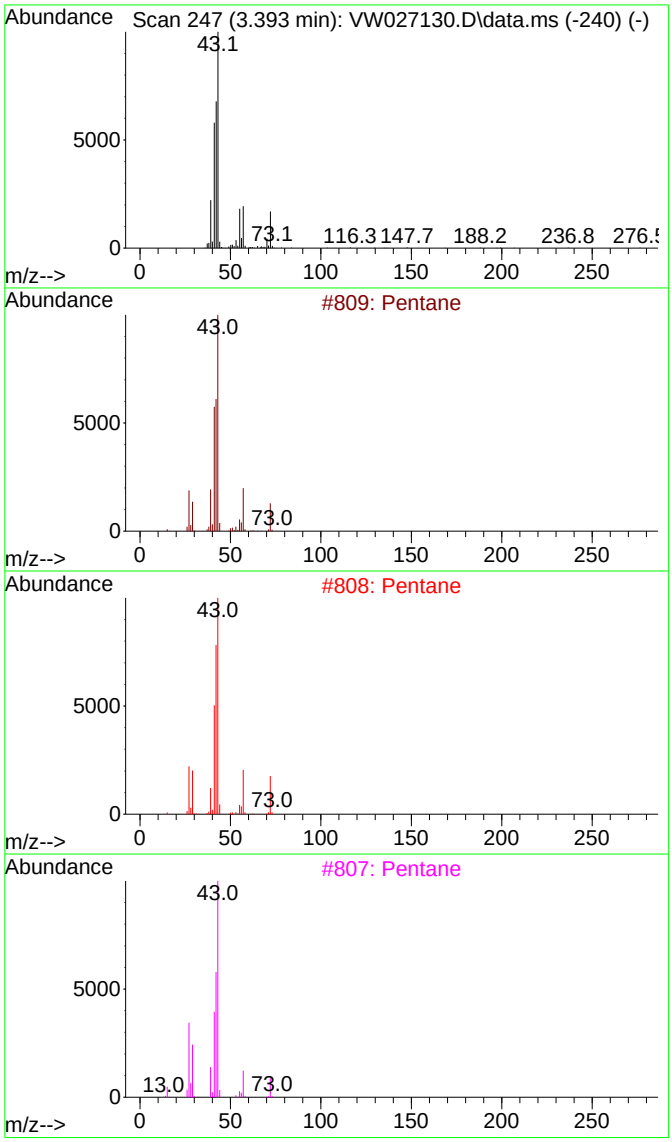
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

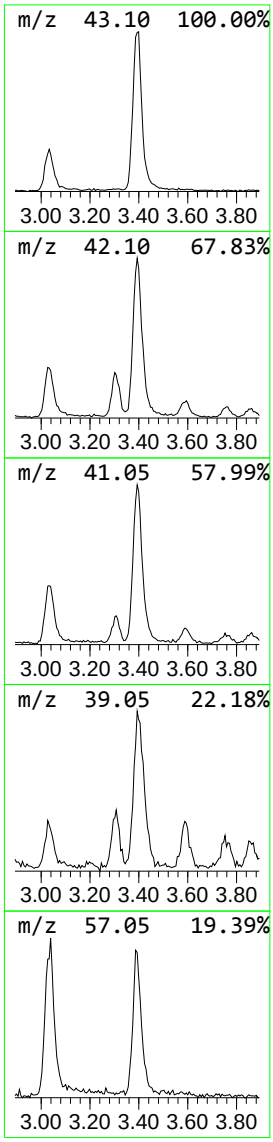
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	4.36 ug/L	341430	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	72
4	Pentane	72	C5H12	000109-66-0	53
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	40





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Instrument :
MSVOA_W
ClientSampleId :
EZYL0

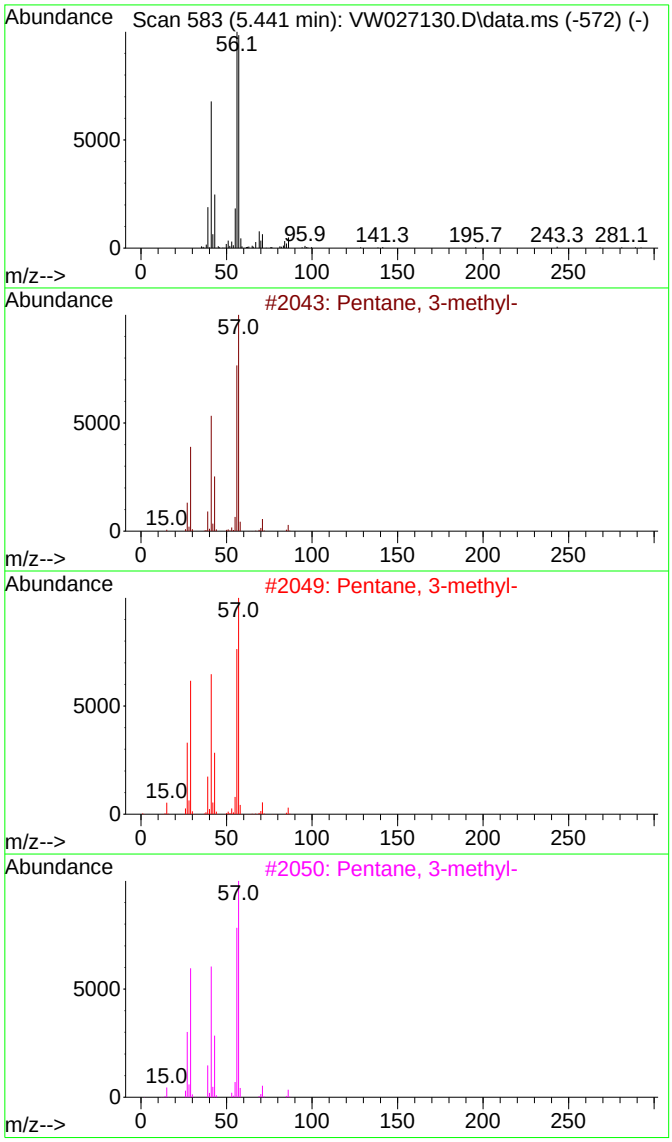
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

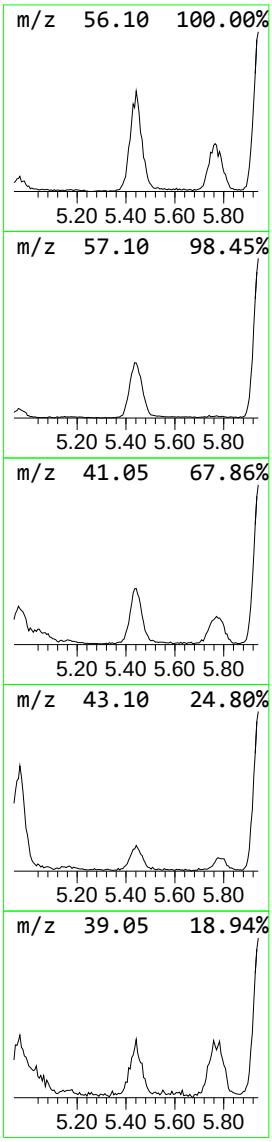
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	2.73 ug/L	213543	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
5	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	50





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Data File : VW027130.D
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Instrument :
MSVOA_W
ClientSampleId :
EZYL0

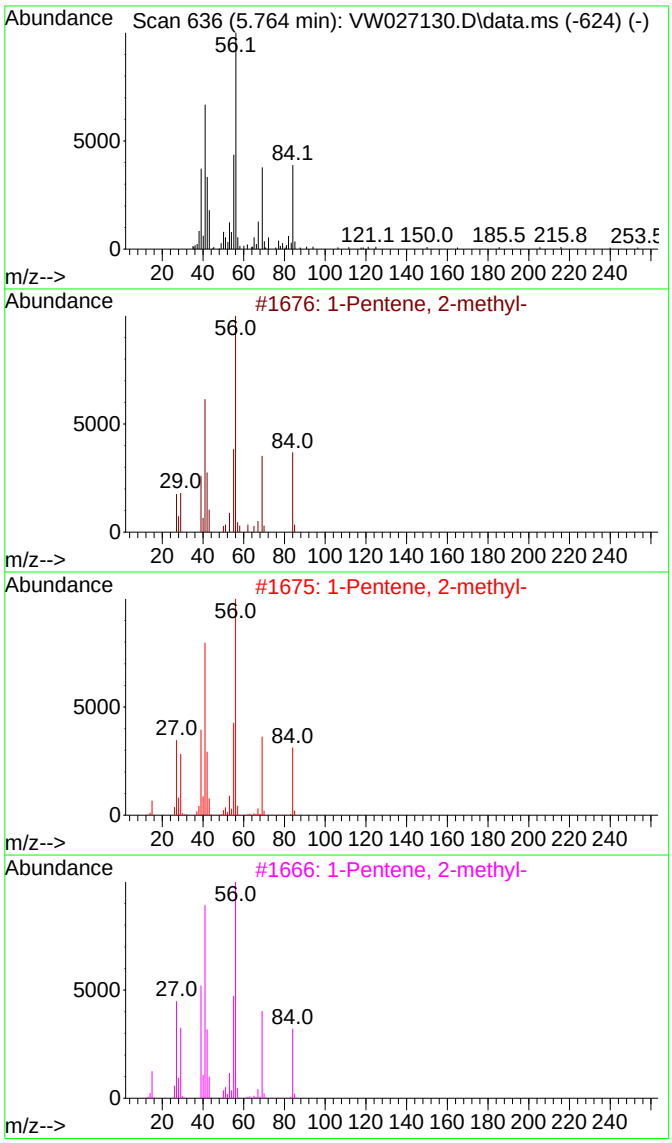
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

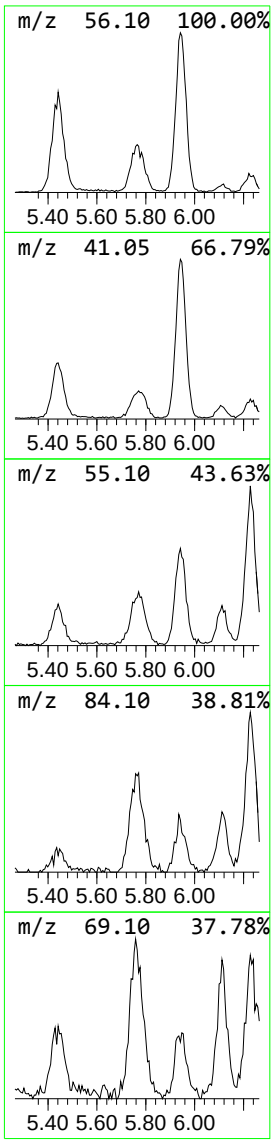
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.764	1.96 ug/L	153201	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
4	Cyclohexane	84	C6H12	000110-82-7	87
5	Cyclohexane	84	C6H12	000110-82-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

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

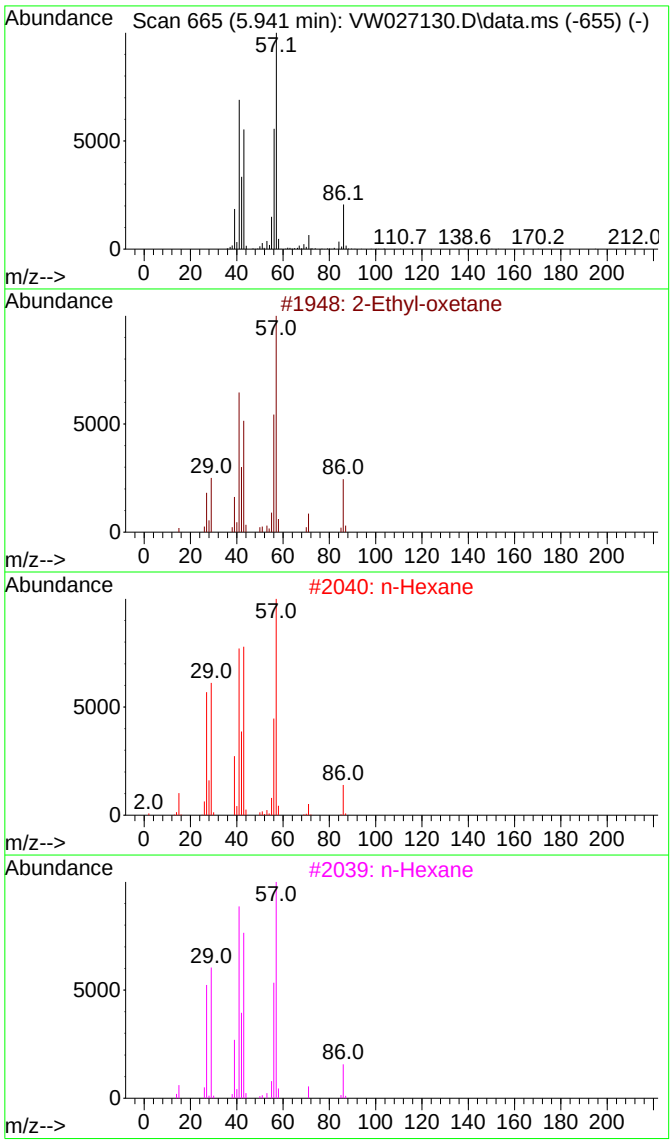
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

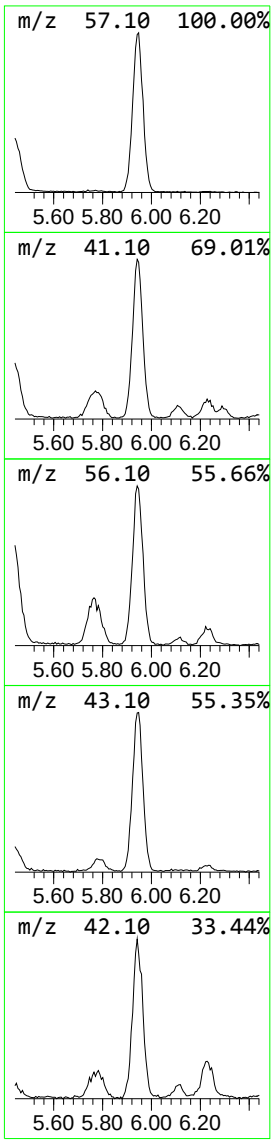
****

Peak Number 6 2-Ethyl-oxetane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	7.25 ug/L	567372	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	64
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

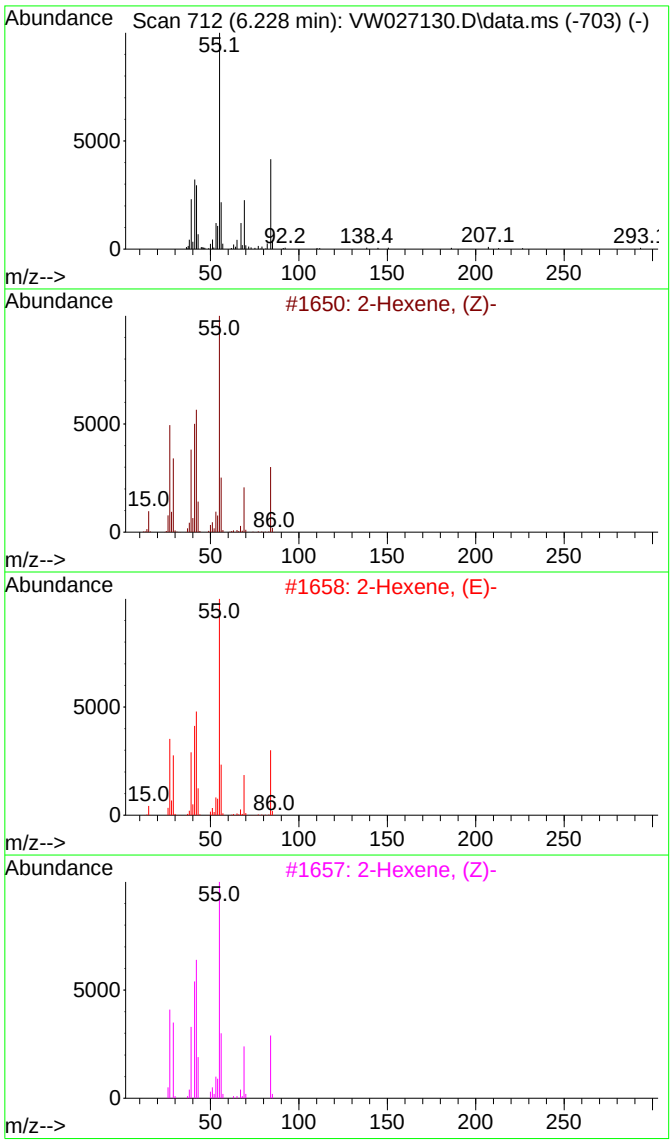
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

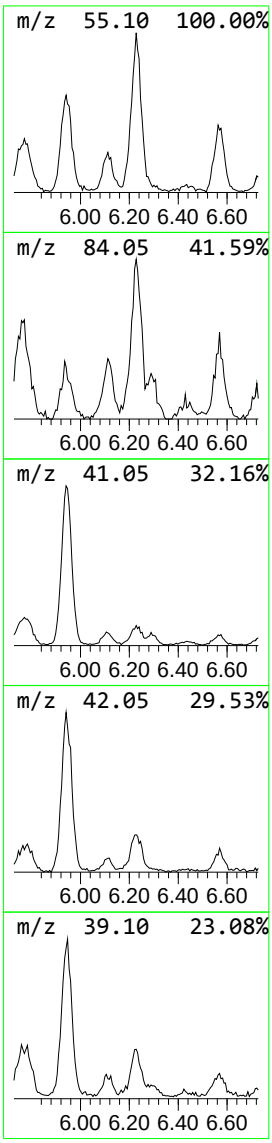
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.228	1.51 ug/L	118465	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	87
2	2-Hexene, (E)-	84	C6H12	004050-45-7	86
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	86
4	2-Hexene	84	C6H12	000592-43-8	86
5	2-Hexene	84	C6H12	000592-43-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

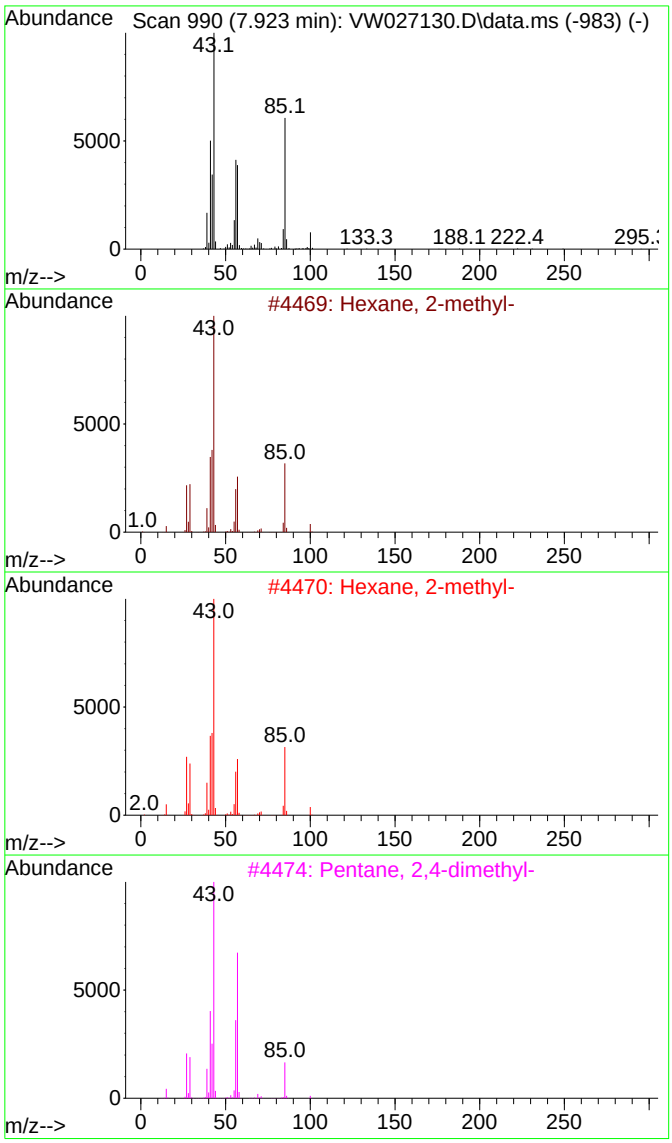
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

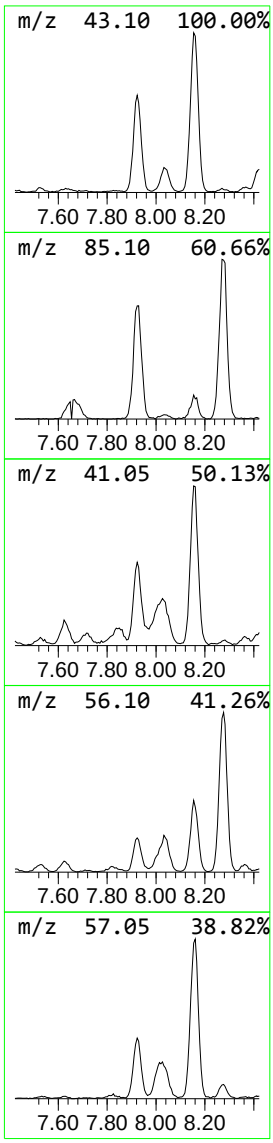
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.923	3.95 ug/L	309505	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	81
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	74
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

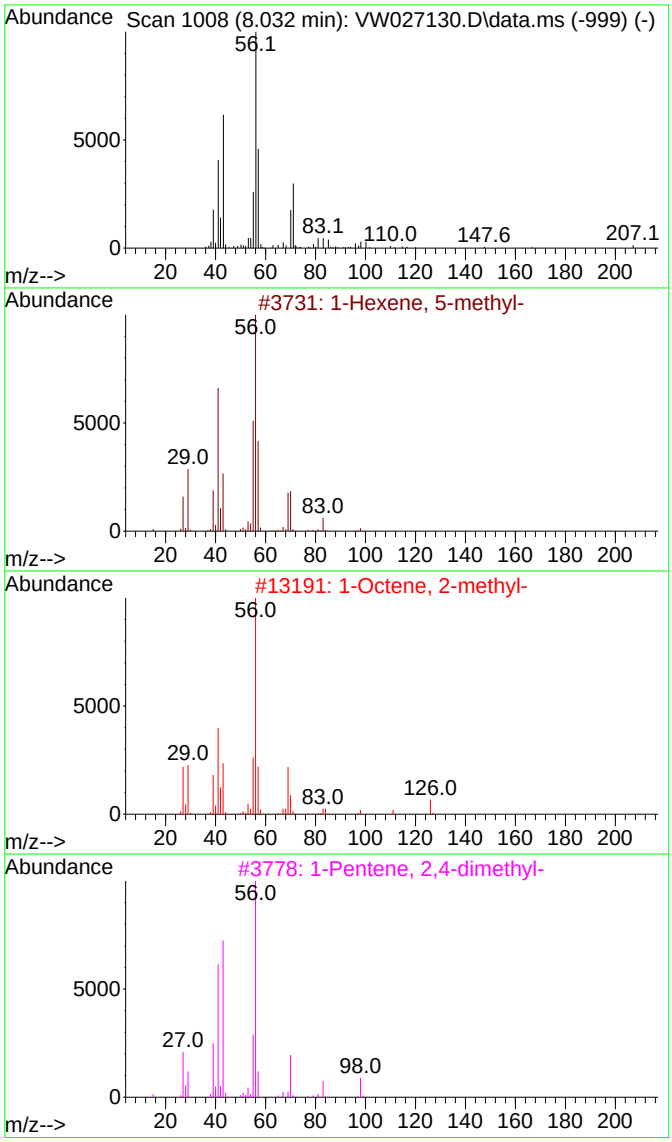
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

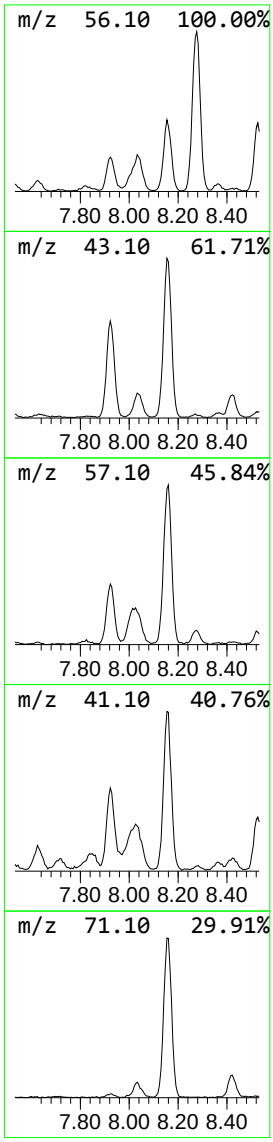
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	3.16 ug/L	247635	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	59
2	1-Octene, 2-methyl-	126	C9H18	004588-18-5	59
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	53
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

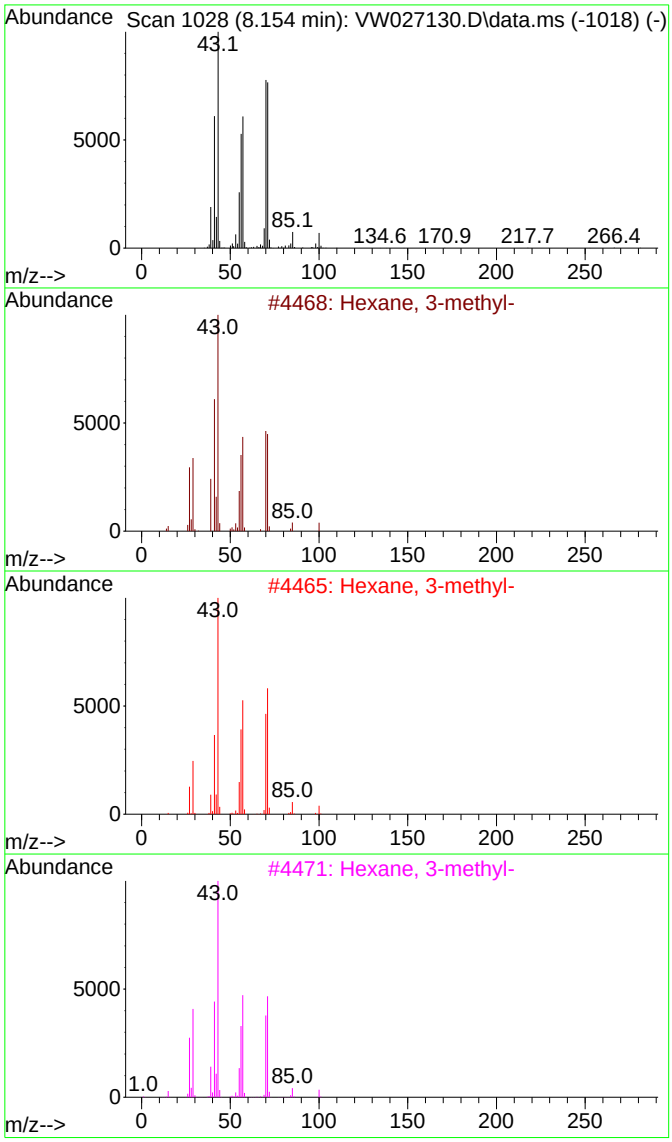
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

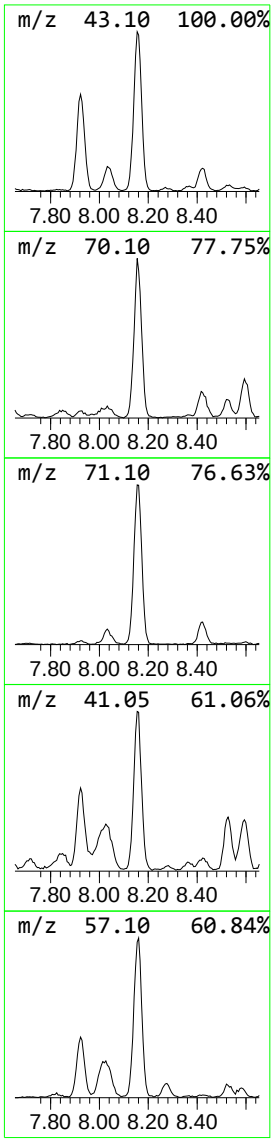
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	8.39 ug/L	656431	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	68
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

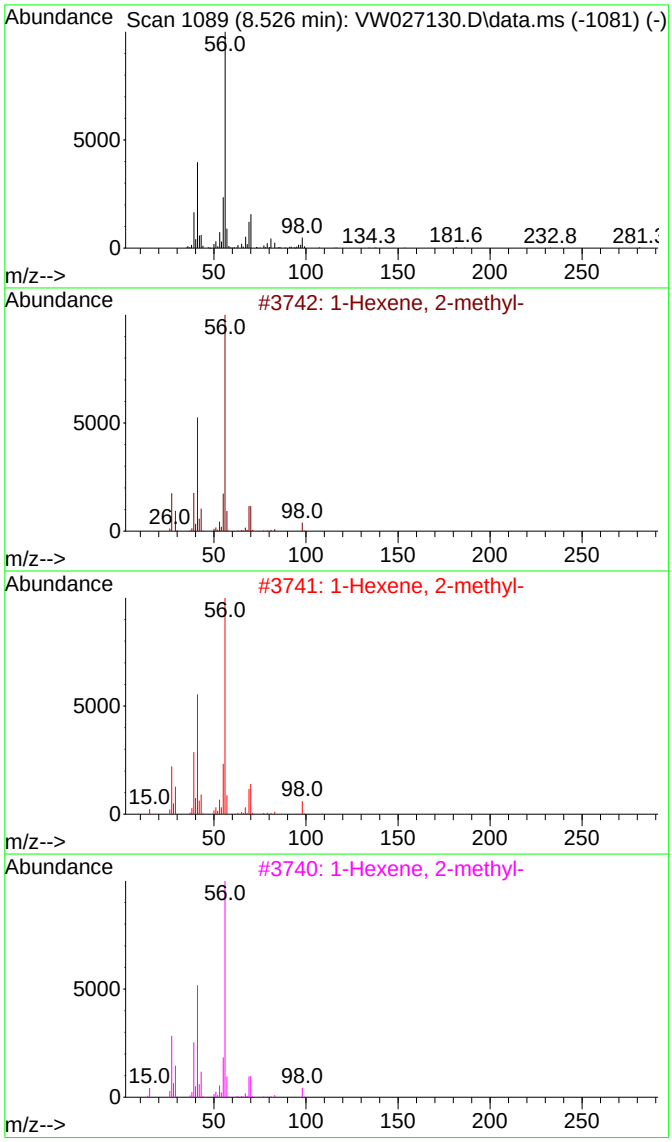
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

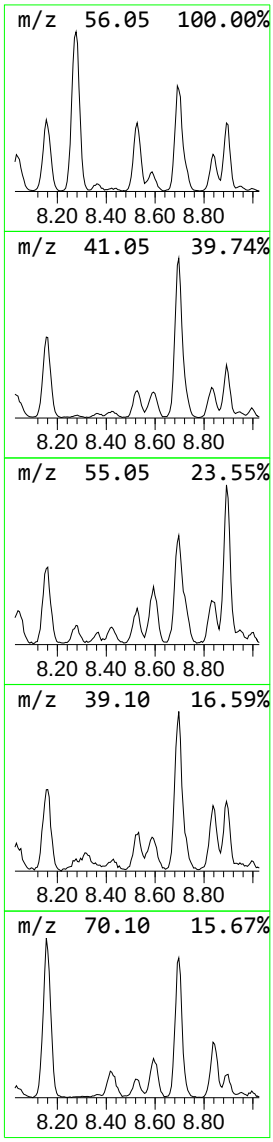
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.526	2.25 ug/L	176167	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	87
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	83
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	83
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	72
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

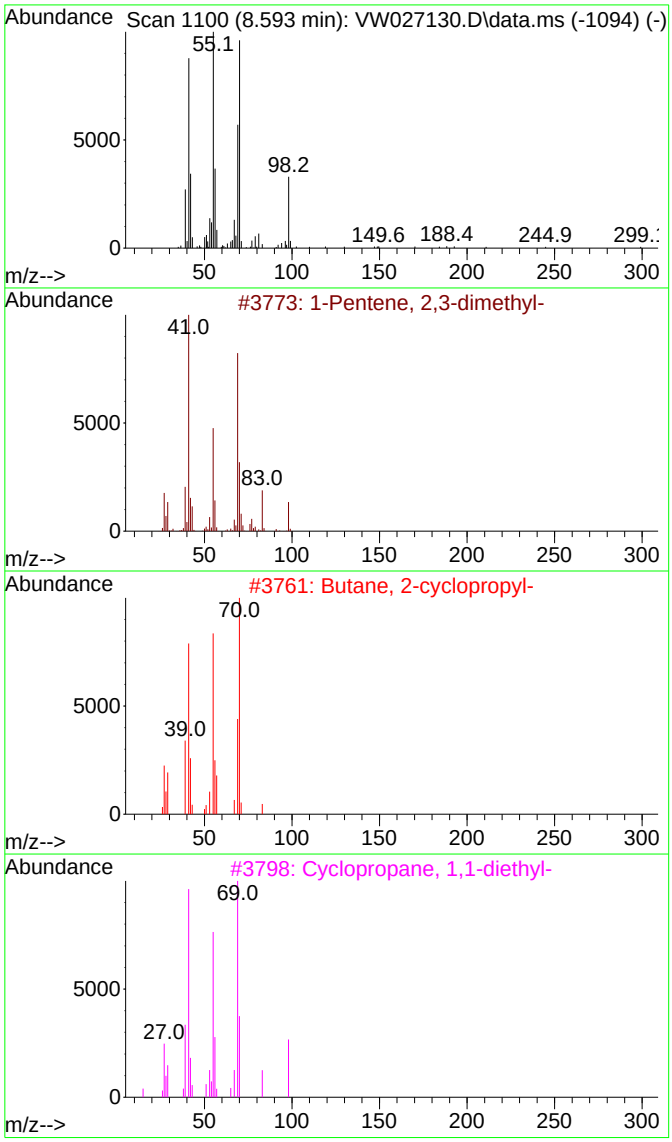
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

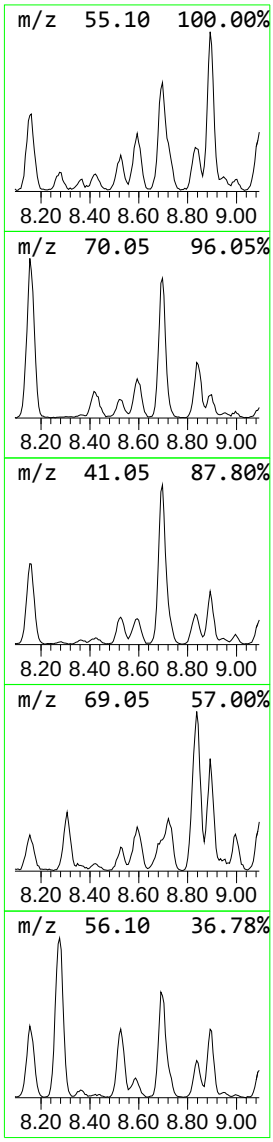
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.593	2.25 ug/L	175763	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	80
2	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	64
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
4	2-Heptene	98	C7H14	000592-77-8	43
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

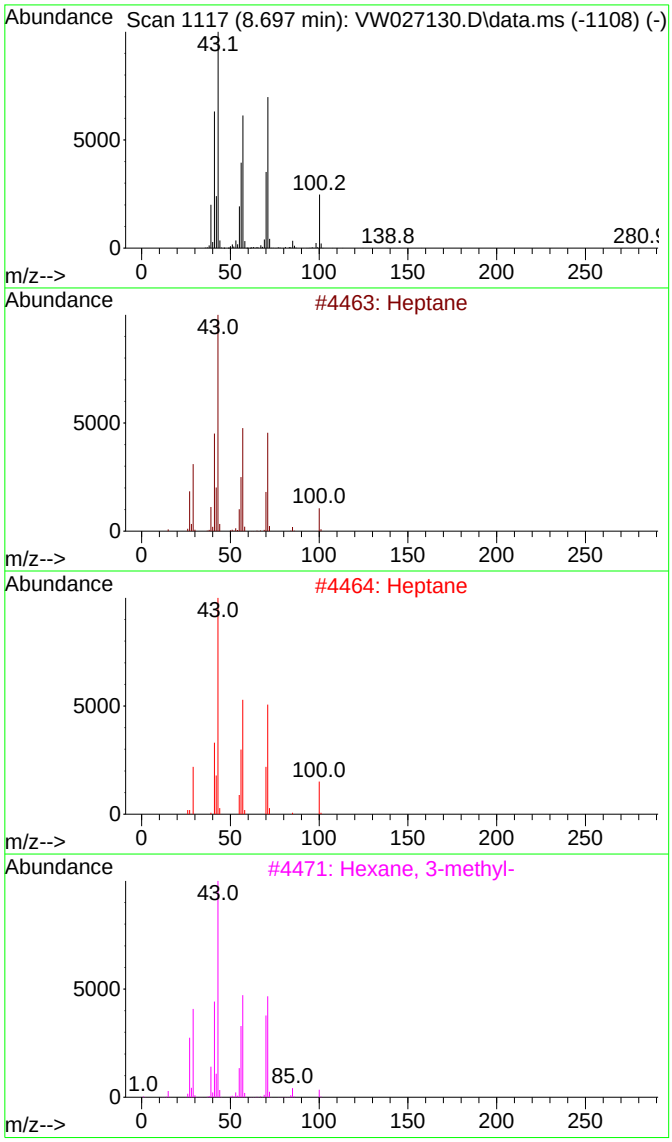
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

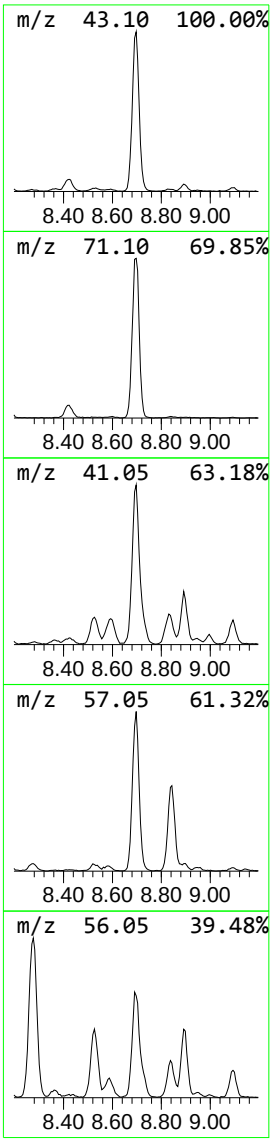
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	14.13 ug/L	1106230	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	80
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane	100	C7H16	000142-82-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

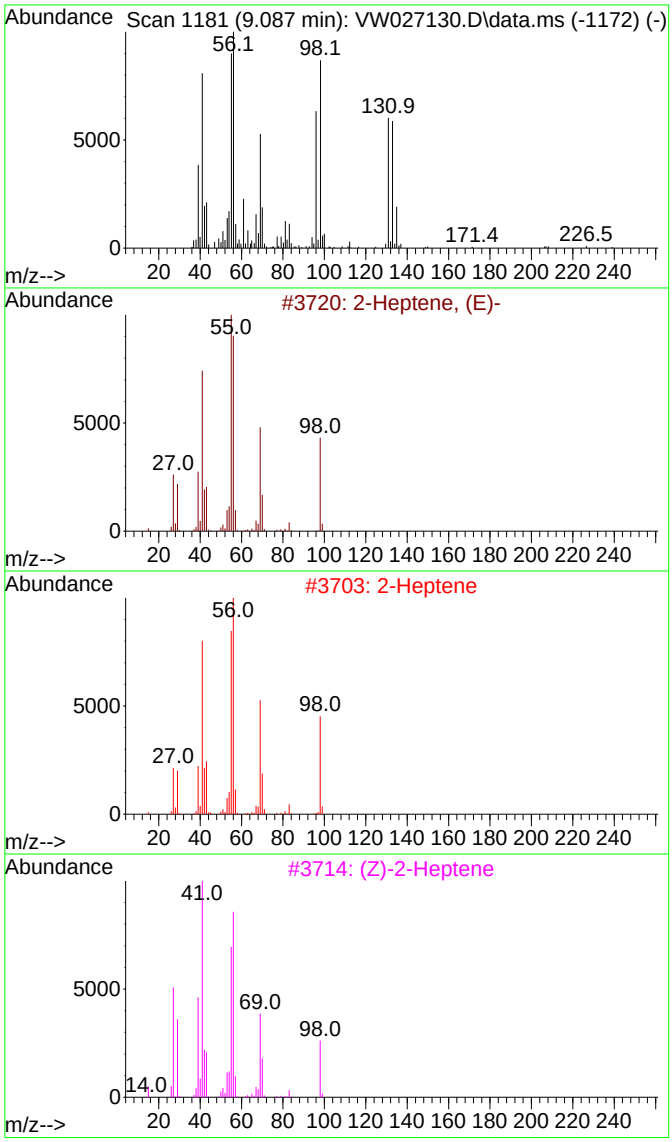
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

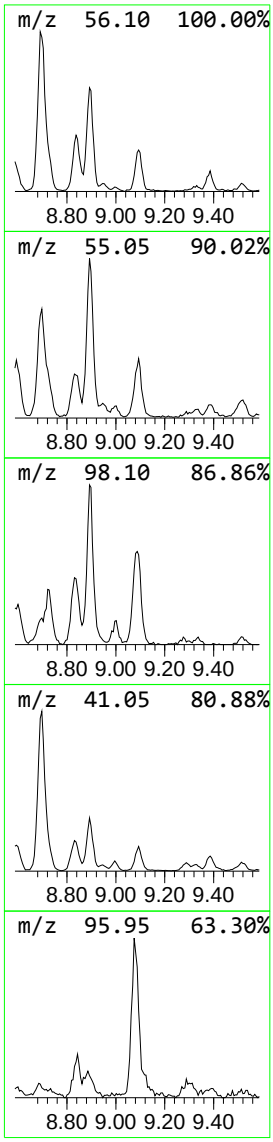
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.087	2.98 ug/L	232891	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, (E)-	98	C7H14	014686-13-6	55
2	2-Heptene	98	C7H14	000592-77-8	55
3	(Z)-2-Heptene	98	C7H14	006443-92-1	49
4	(Z)-3-Heptene	98	C7H14	007642-10-6	46
5	3-Heptene, (E)-	98	C7H14	014686-14-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

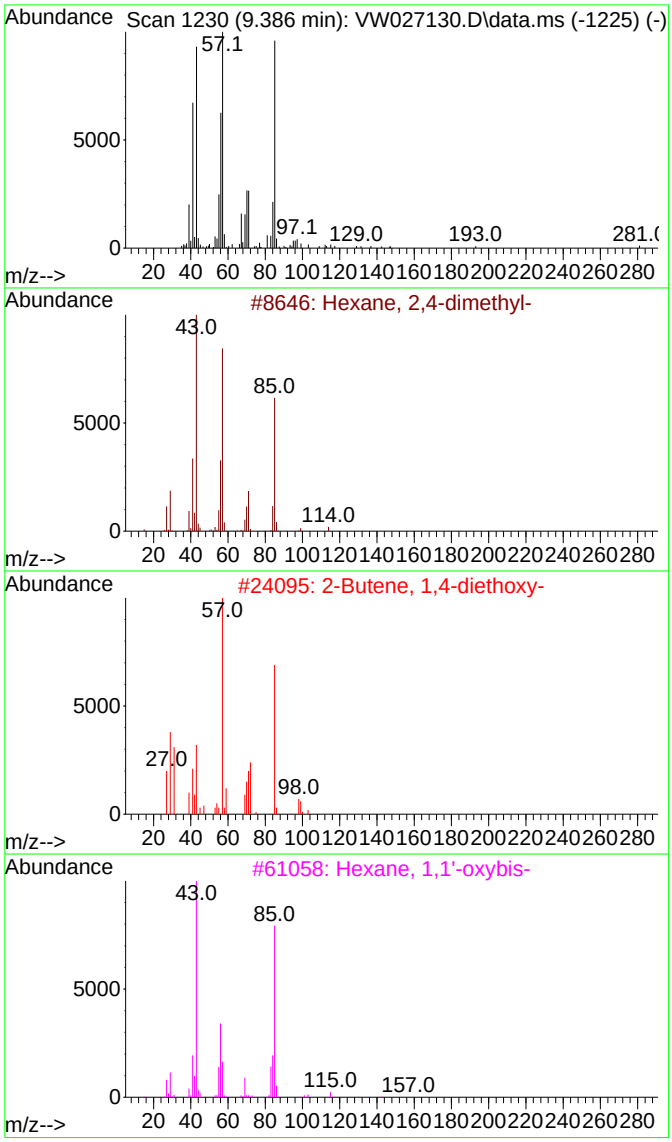
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

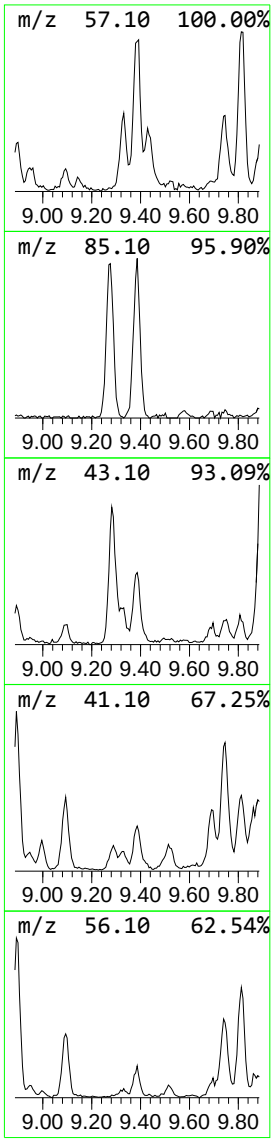
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	1.63 ug/L	127822	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
2	2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	50
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	47
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

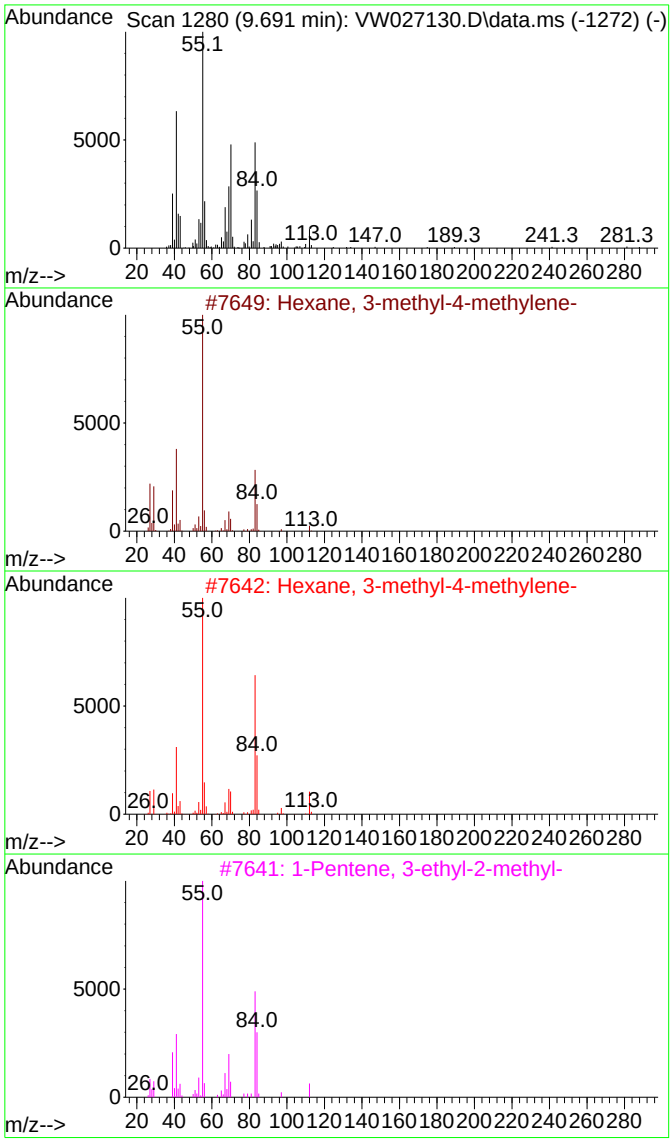
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

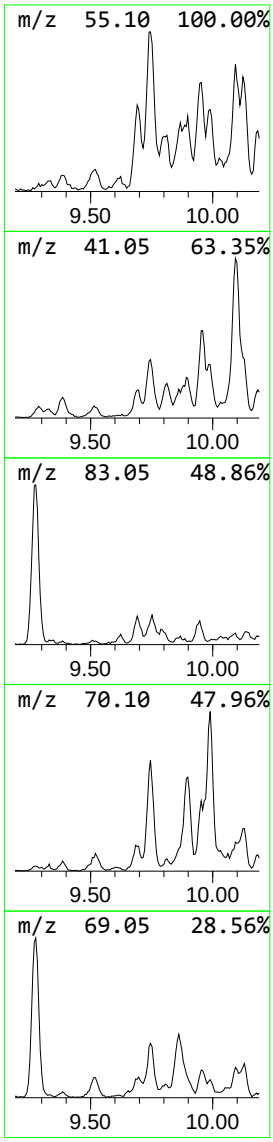
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.691	1.85 ug/L	145186	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	52
2	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	49
3	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	49
4	3-Ethyl-2-hexene	112	C8H16	000620-00-8	46
5	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

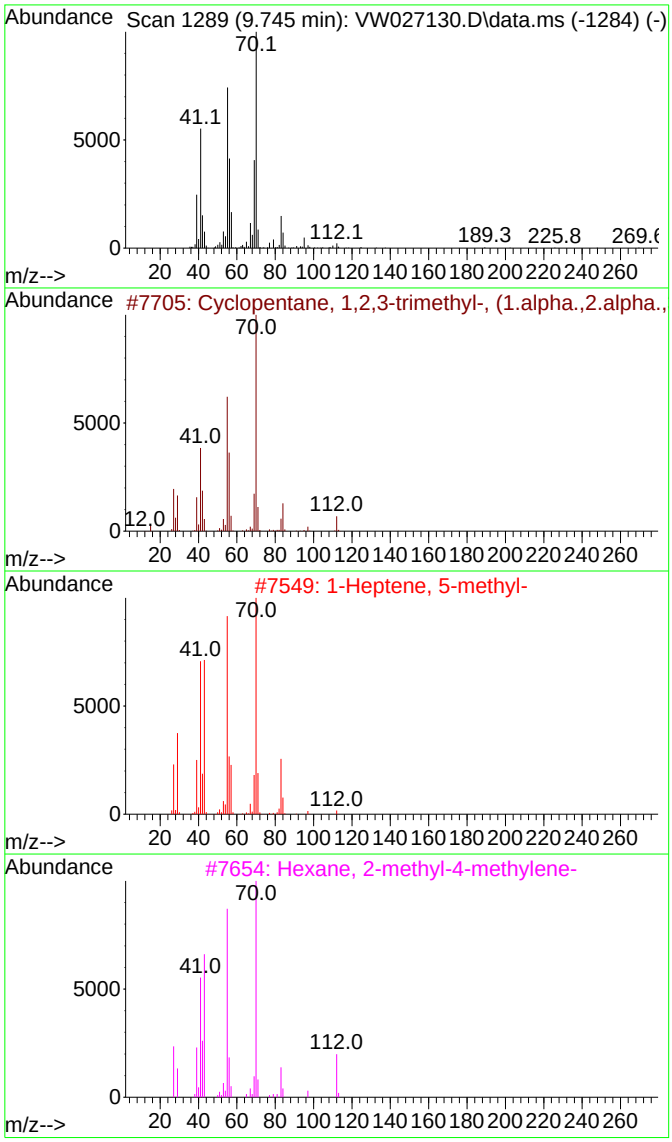
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

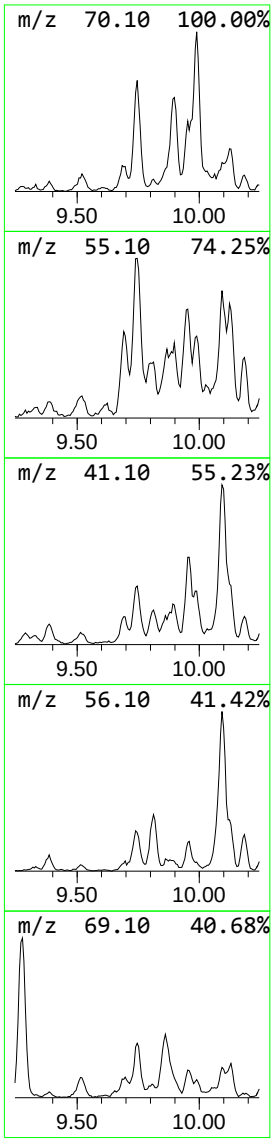
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.745 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	3.13 ug/L	244817	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
2	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	64
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	59
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	53
5	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

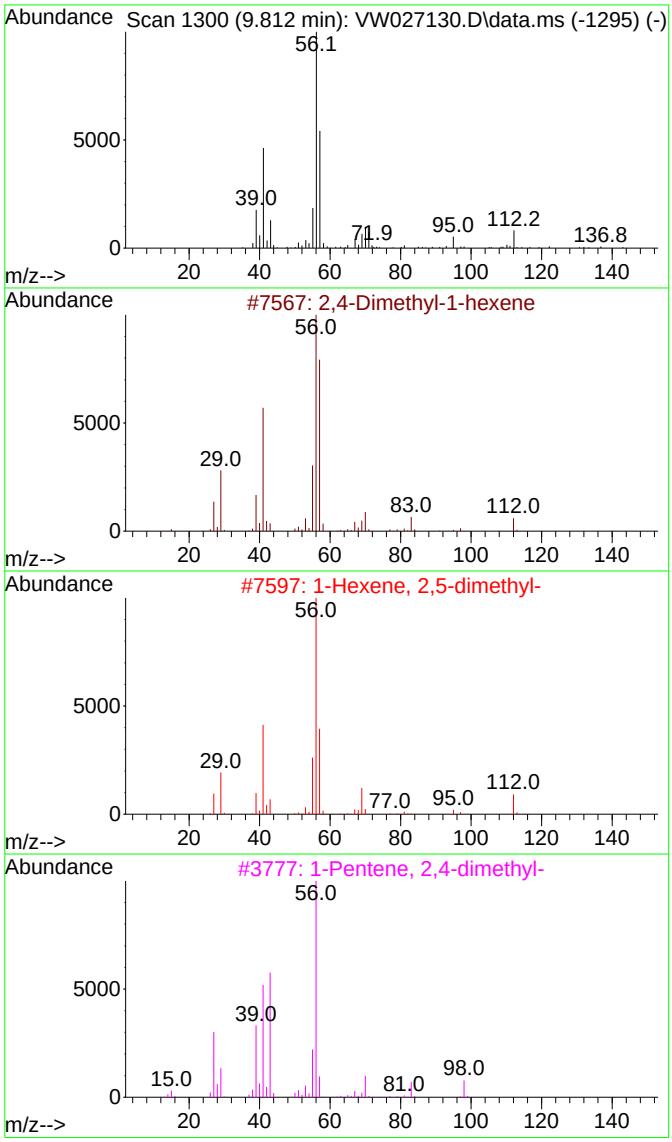
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

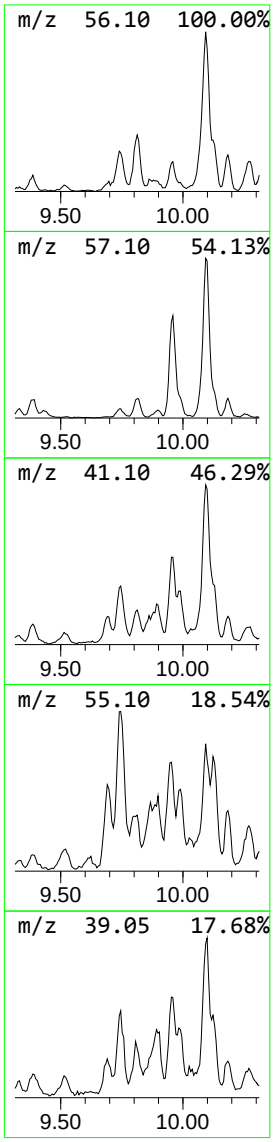
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.812	1.28 ug/L	100425	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	64
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	59
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	59
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	56
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

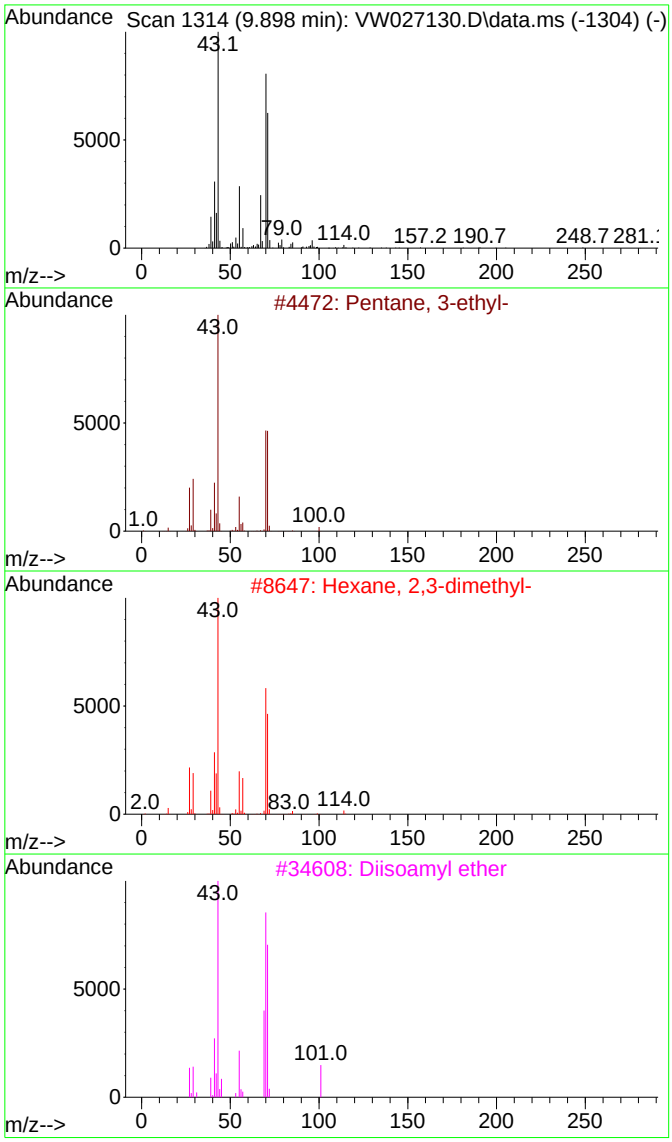
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

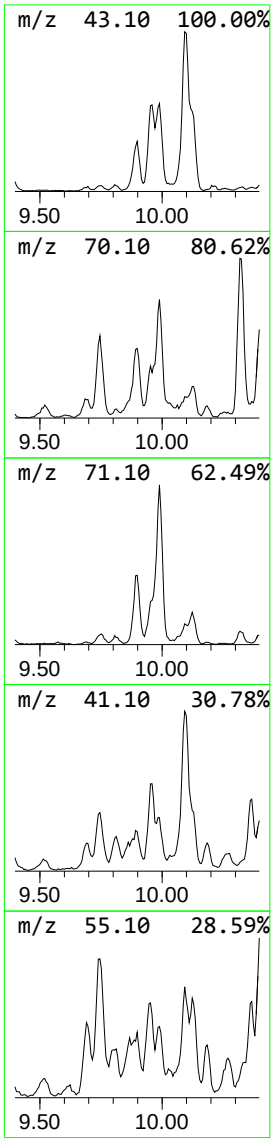
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	3.60 ug/L	281414	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
3	Diisoamyl ether	158	C10H22O	000544-01-4	64
4	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	64
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

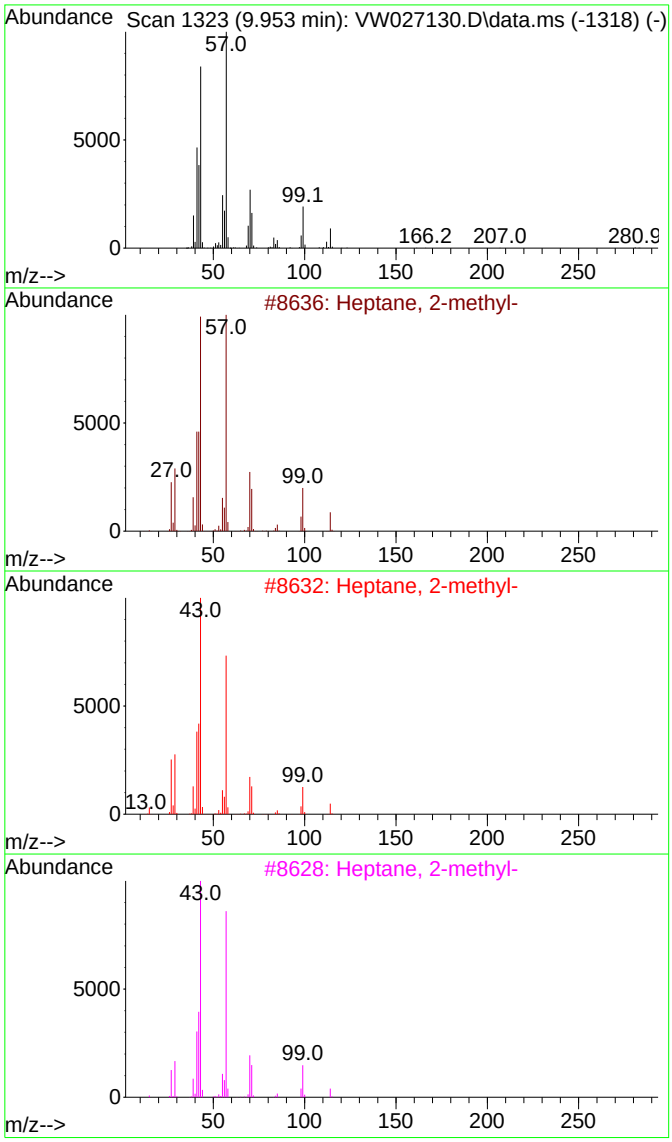
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

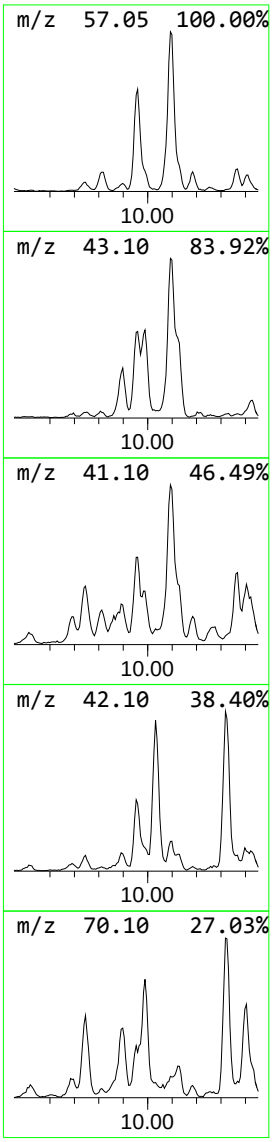
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	5.00 ug/L	391251	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

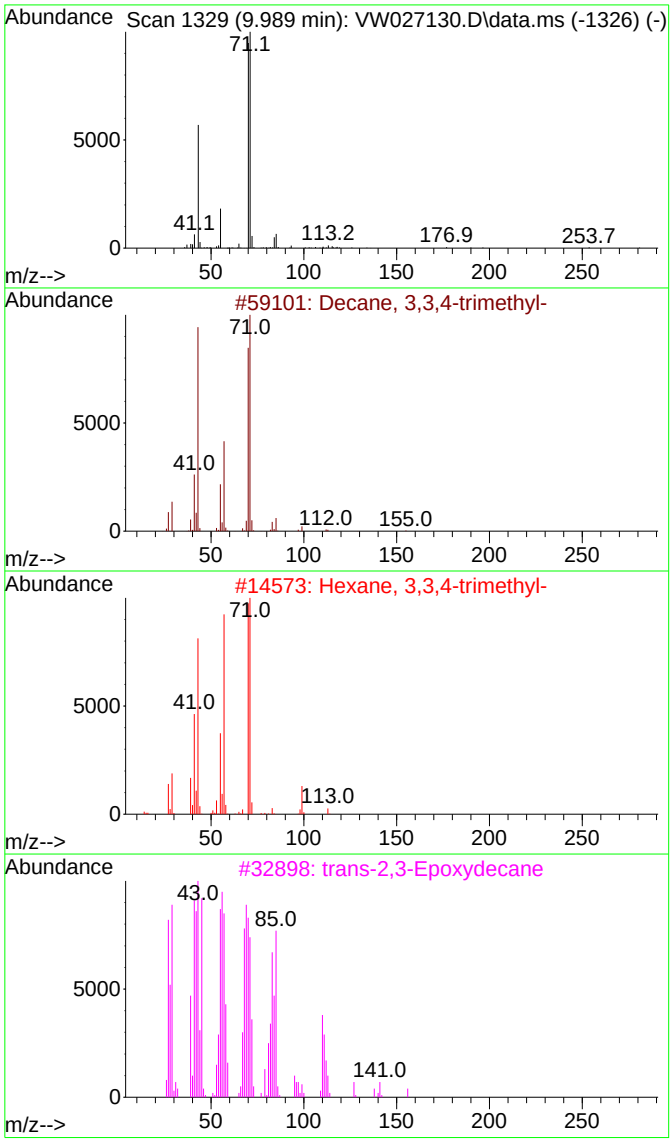
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

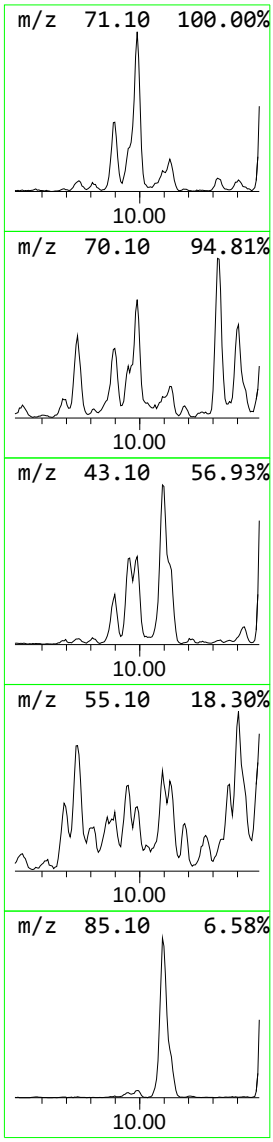
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.989	3.39 ug/L	265599	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	43
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	40
3	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	25
4	Butane, 2,2'-[methylenebis(oxy)]...	188	C11H24O2	054699-28-4	17
5	4-Heptanone, 3-ethyl-	142	C9H18O	001528-25-2	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

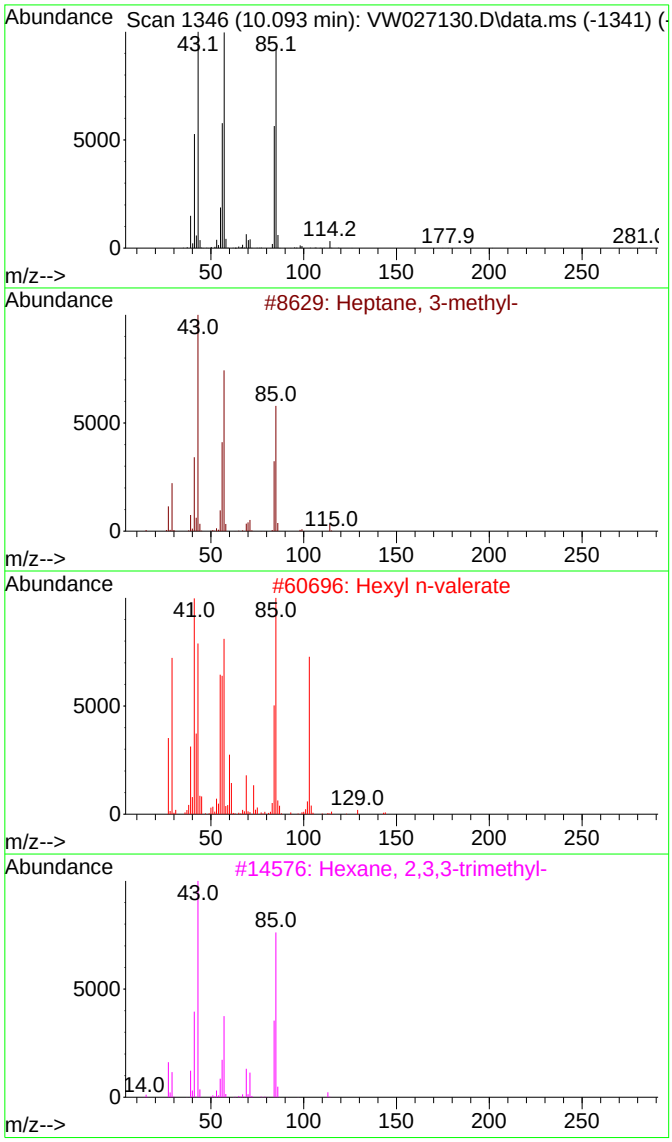
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

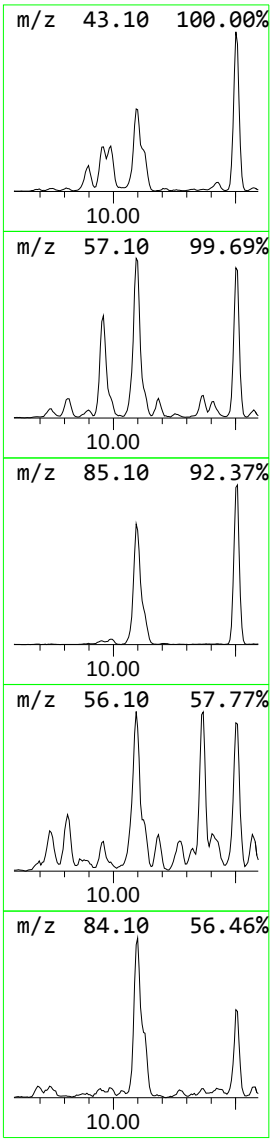
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	14.47 ug/L	1132770	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexyl n-valerate	186	C11H22O2	001117-59-5	72
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
4	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	59
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

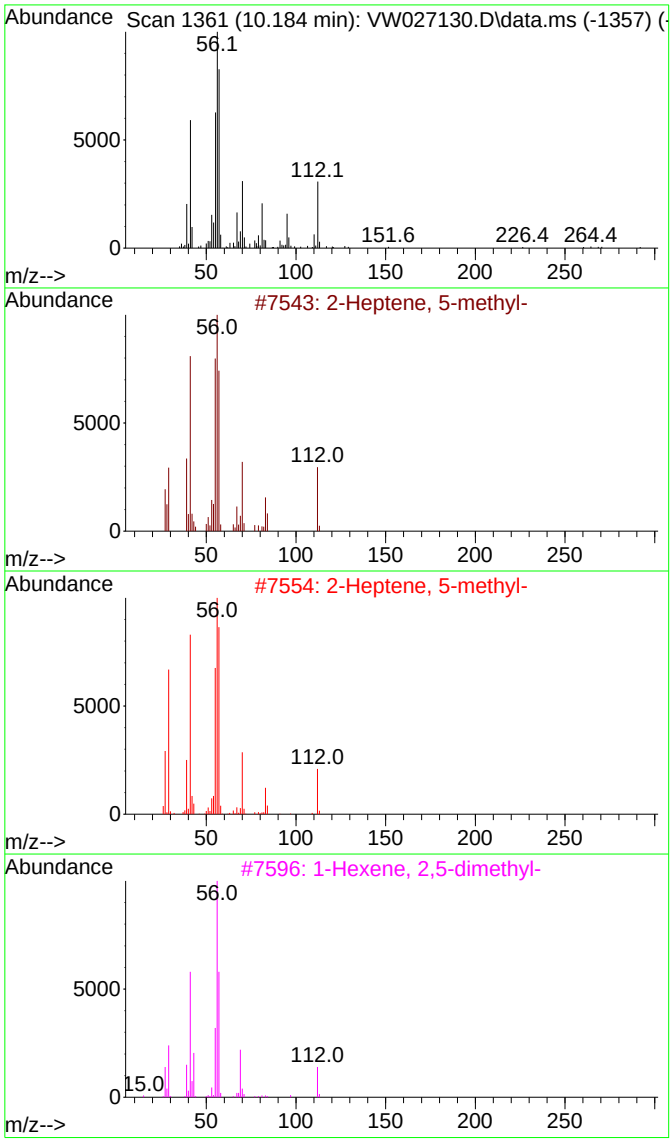
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

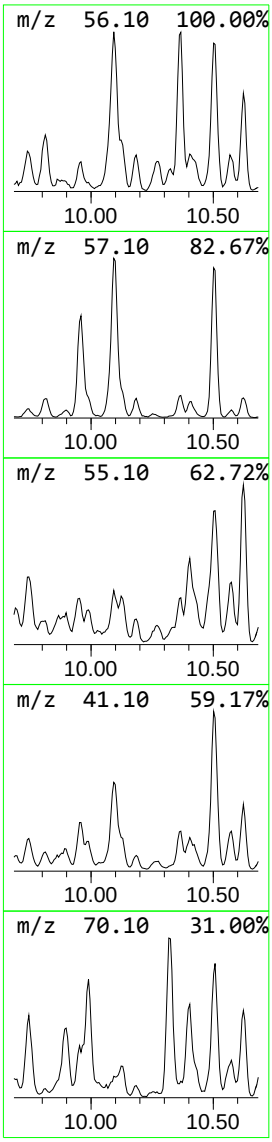
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.184	1.43 ug/L	111547	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	87
2	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	80
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	53
4	1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	45
5	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

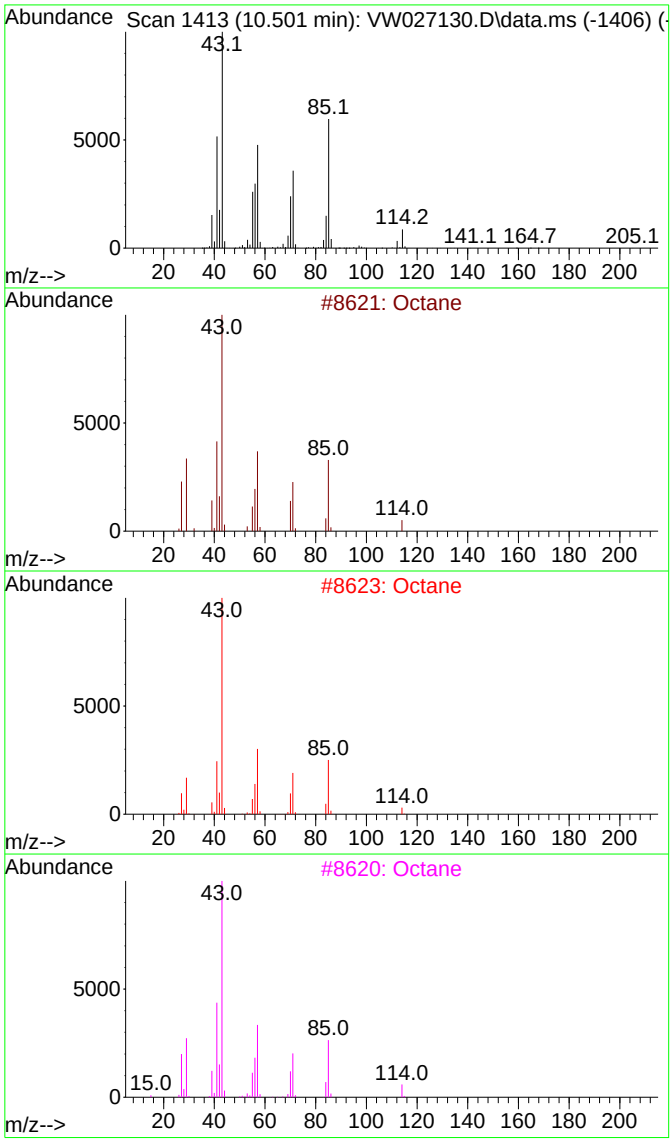
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

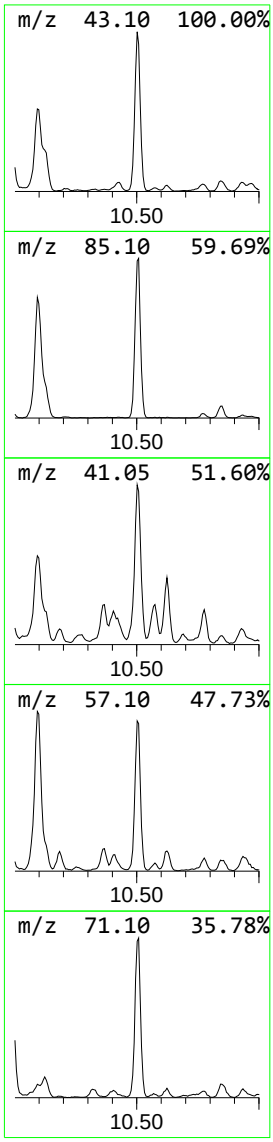
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.501	13.31 ug/L	1327900	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	91
4	Octane	114	C8H18	000111-65-9	86
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

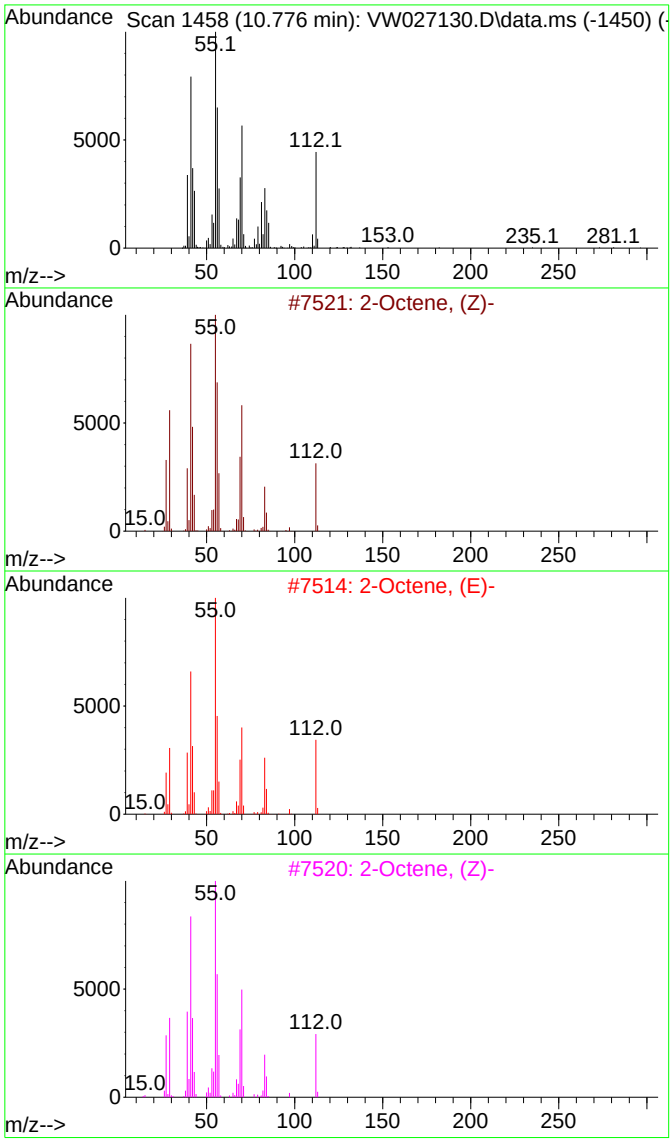
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

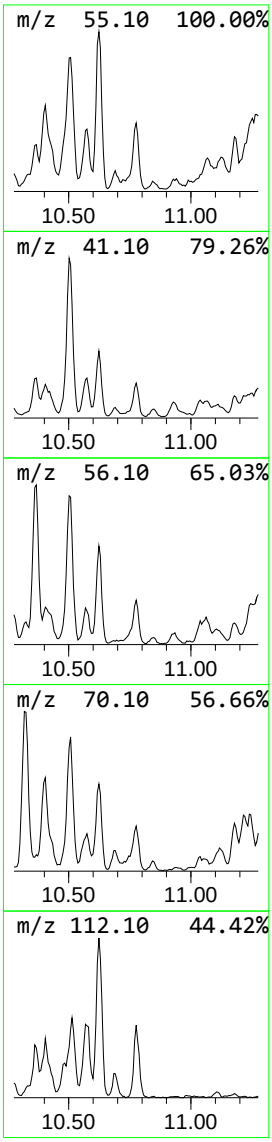
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.776	3.31 ug/L	329878	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (Z)-	112	C8H16	007642-04-8	94
2	2-Octene, (E)-	112	C8H16	013389-42-9	94
3	2-Octene, (Z)-	112	C8H16	007642-04-8	93
4	2-Octene	112	C8H16	000111-67-1	91
5	2-Octene, (E)-	112	C8H16	013389-42-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

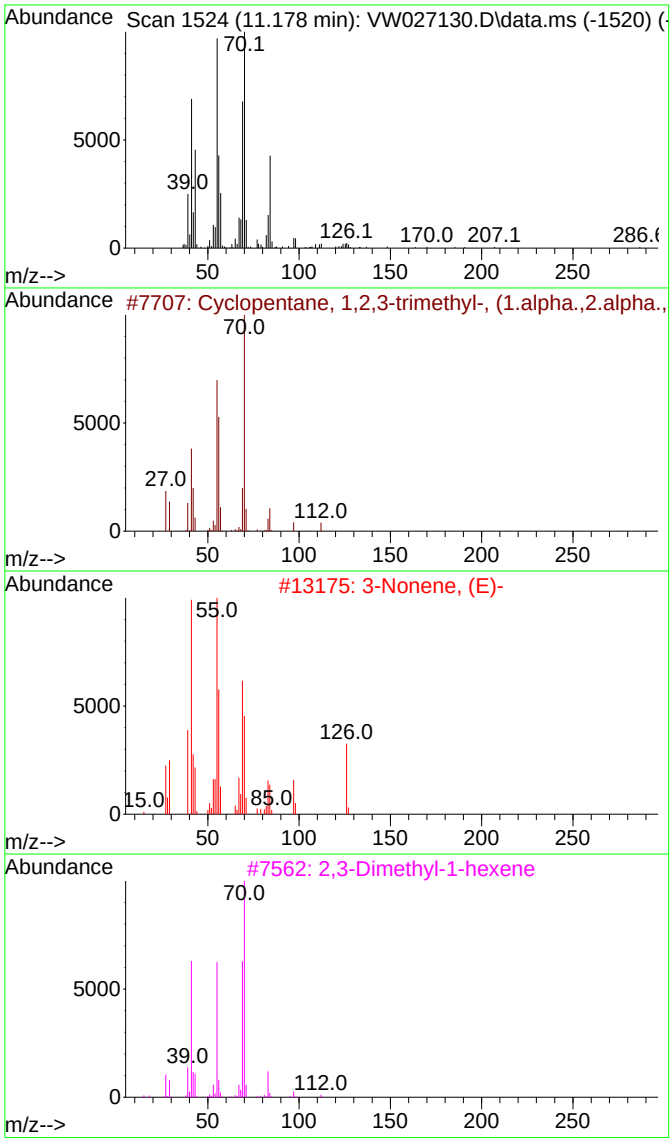
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

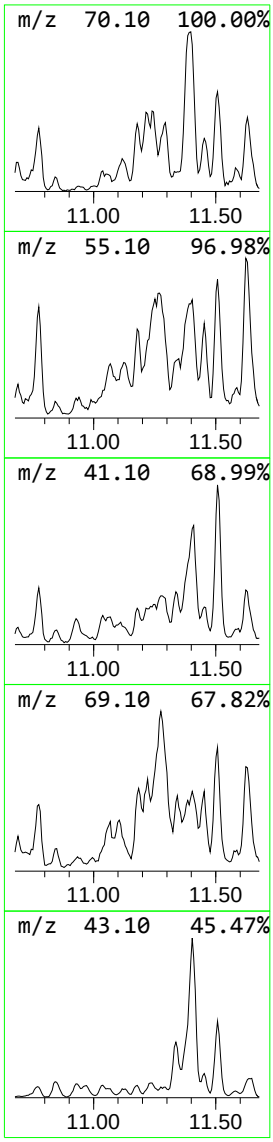
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic11.178 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	1.31 ug/L	131054	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	58
2	3-Nonene, (E)-	126	C9H18	020063-92-7	49
3	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	46
4	1-Heptanol, 4-methyl-	130	C8H18O	000817-91-4	43
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

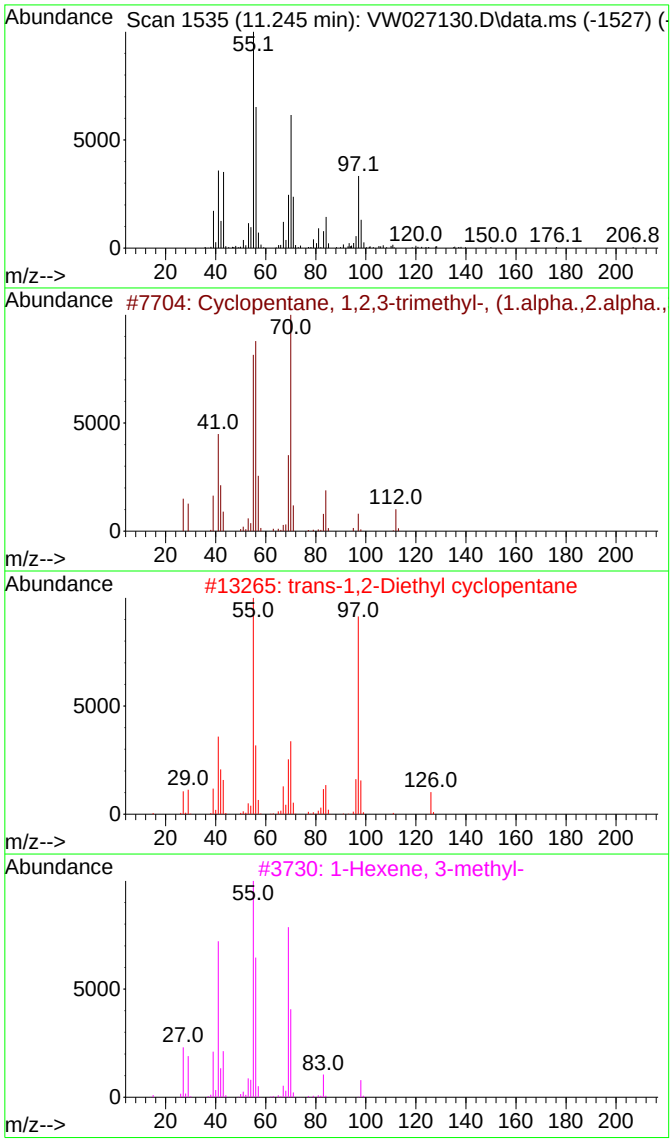
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

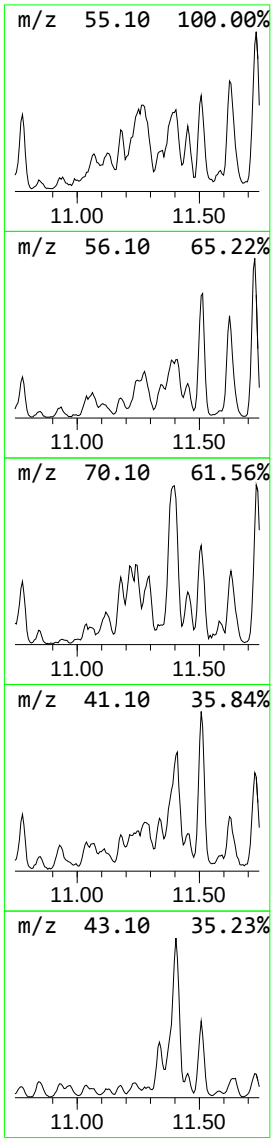
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic11.245 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	1.96 ug/L	195524	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	47
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	47
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	47
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

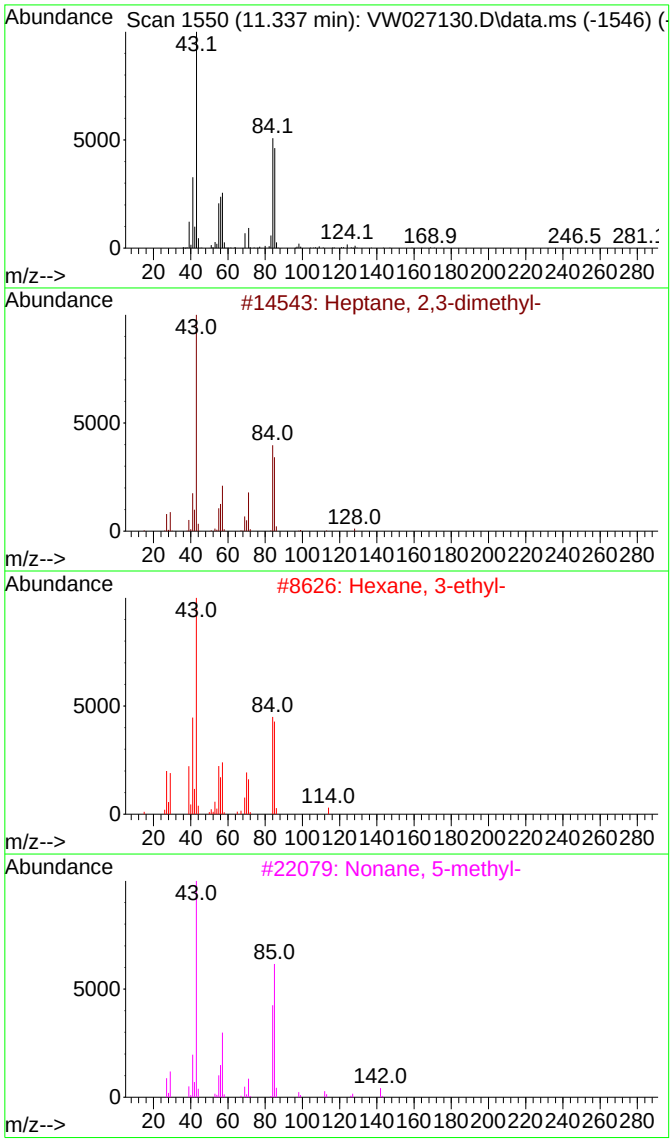
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

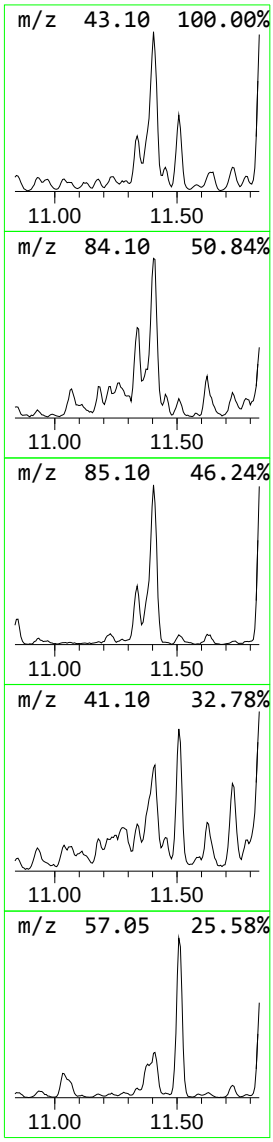
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	1.73 ug/L	172567	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
3	Nonane, 5-methyl-	142	C10H22	015869-85-9	59
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

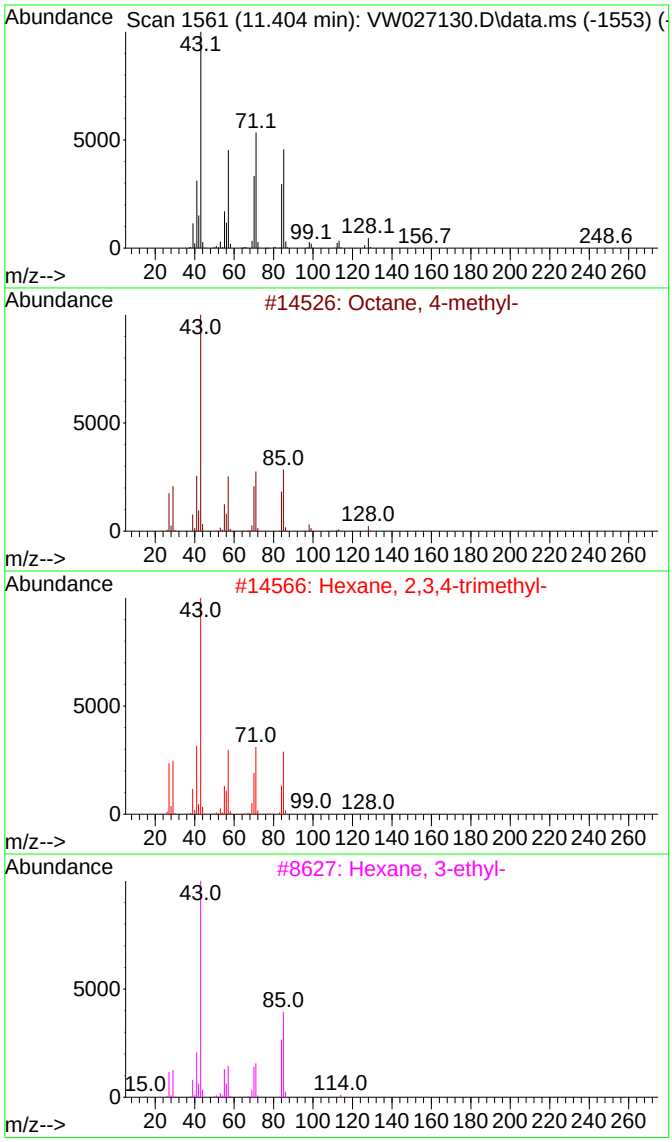
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

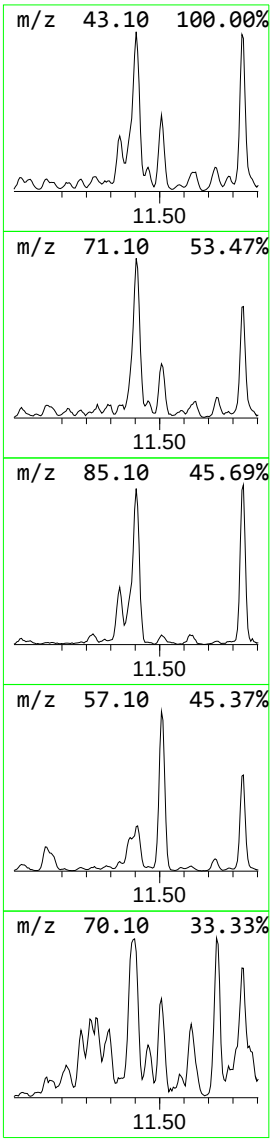
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	10.12 ug/L	1009790	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

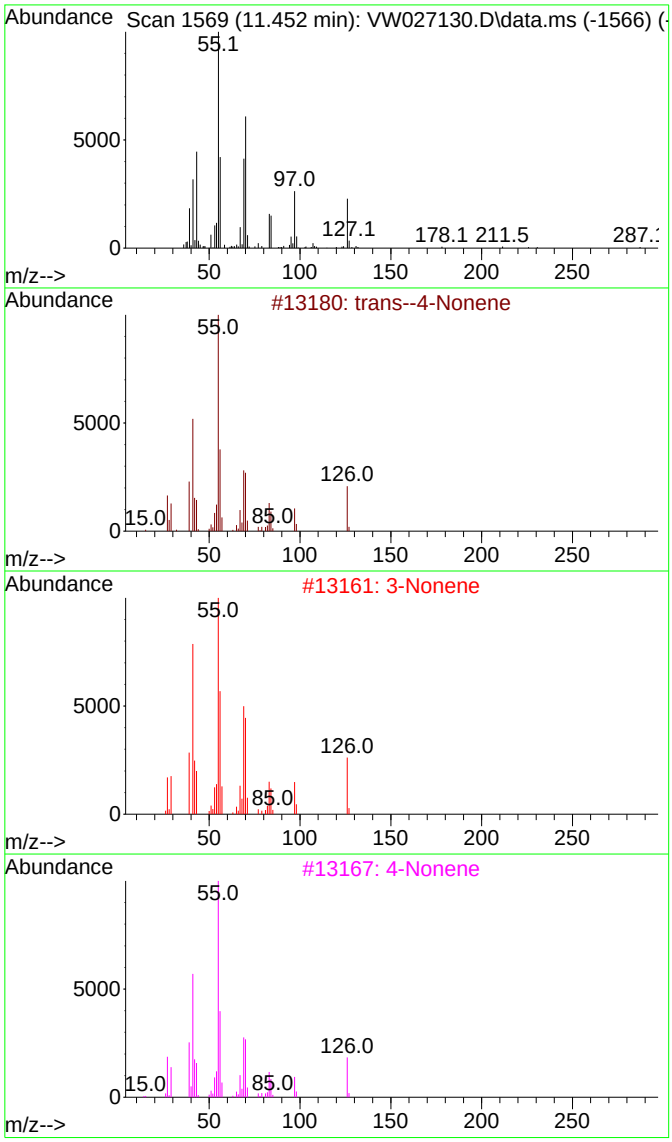
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

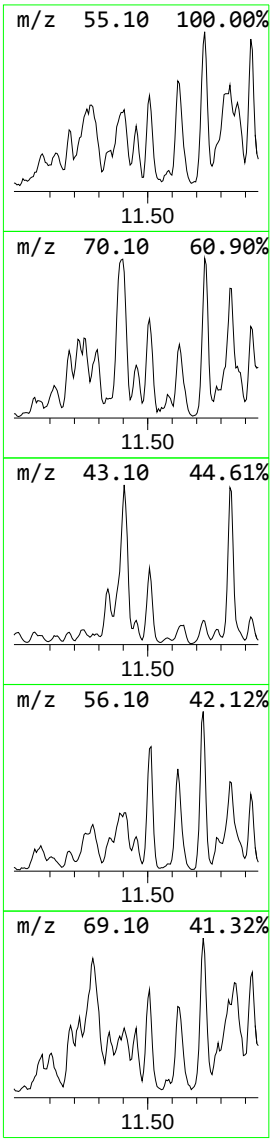
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.452	1.48 ug/L	147942	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans--4-Nonene	126	C9H18	010405-85-3	81
2	3-Nonene	126	C9H18	020063-77-8	76
3	4-Nonene	126	C9H18	002198-23-4	76
4	4-Nonene	126	C9H18	002198-23-4	74
5	cis-4-Nonene	126	C9H18	010405-84-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

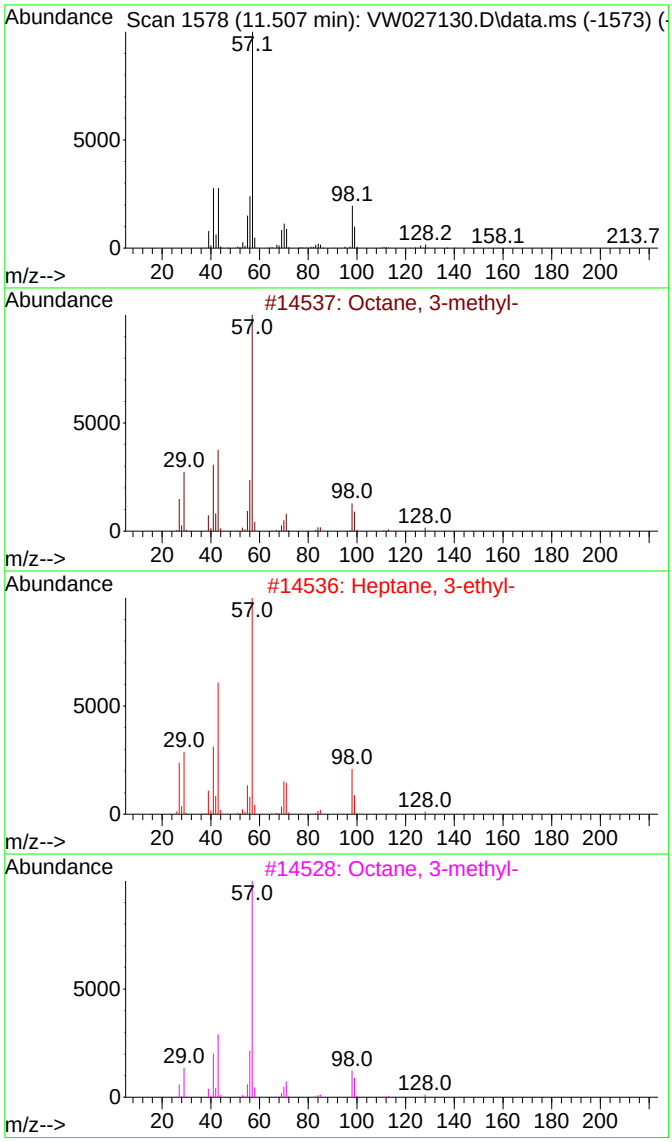
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

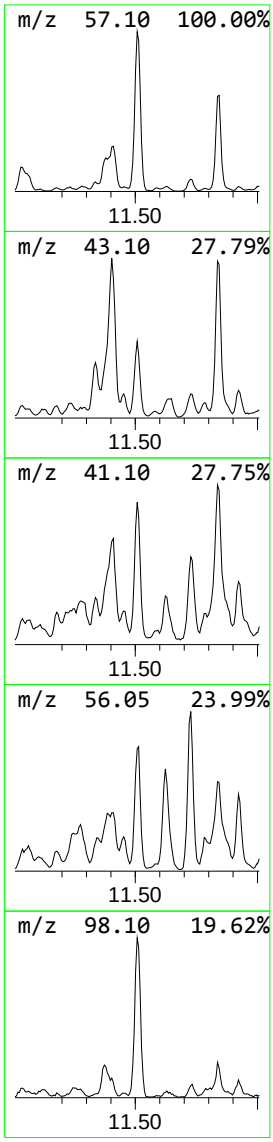
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	8.47 ug/L	845167	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	62
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

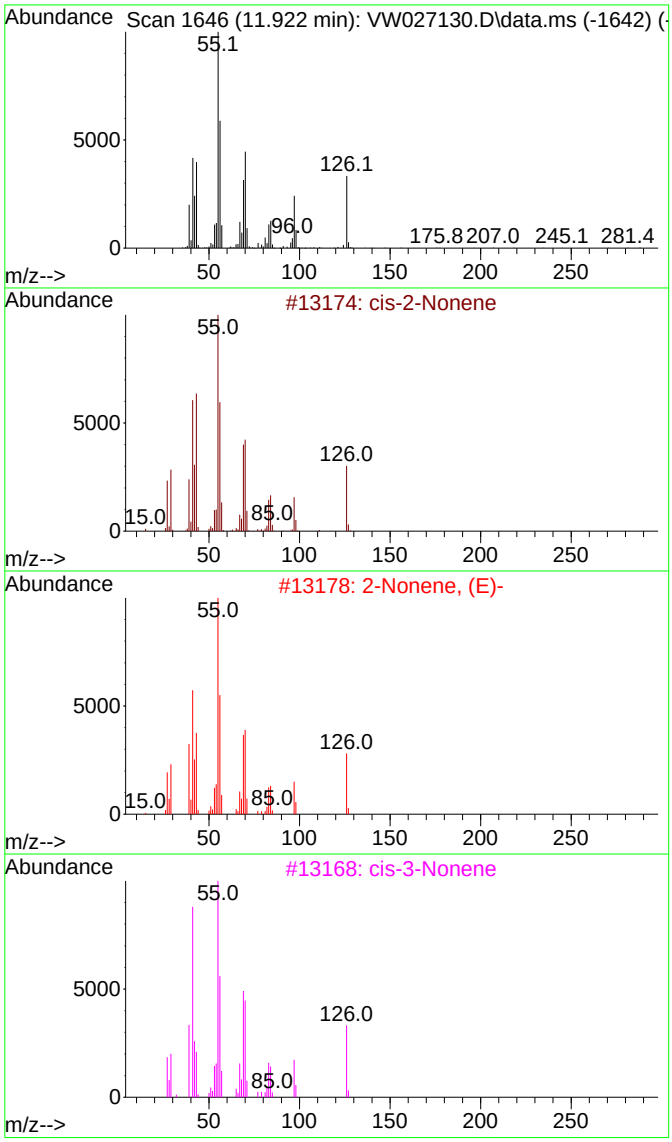
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

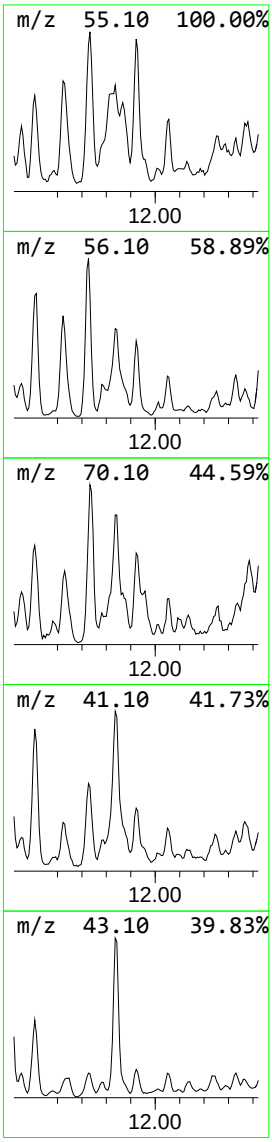
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.63 ug/L	462375	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Nonene	126	C9H18	006434-77-1	96
2	2-Nonene, (E)-	126	C9H18	006434-78-2	95
3	cis-3-Nonene	126	C9H18	020237-46-1	91
4	3-Nonene	126	C9H18	020063-77-8	86
5	cis-2-Nonene	126	C9H18	006434-77-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

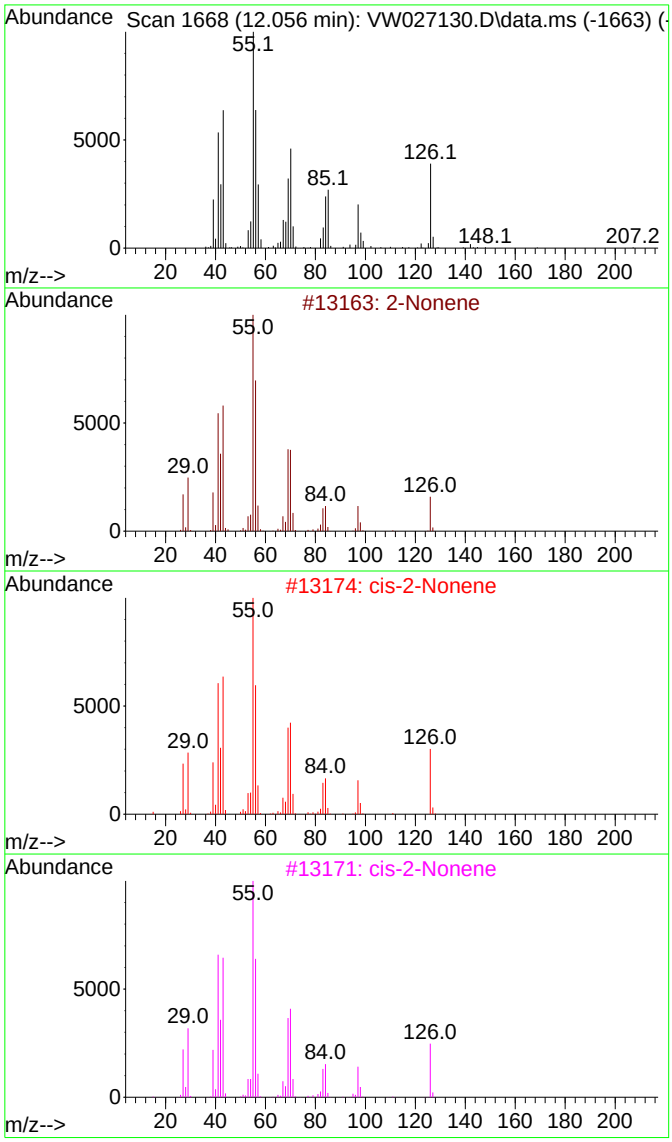
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

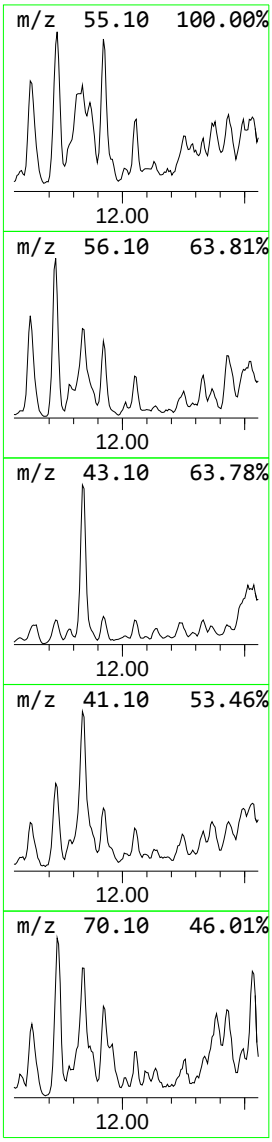
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	1.53 ug/L	153156	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonene	126	C9H18	002216-38-8	90
2	cis-2-Nonene	126	C9H18	006434-77-1	90
3	cis-2-Nonene	126	C9H18	006434-77-1	90
4	2-Nonene, (E)-	126	C9H18	006434-78-2	90
5	4-Nonene	126	C9H18	002198-23-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

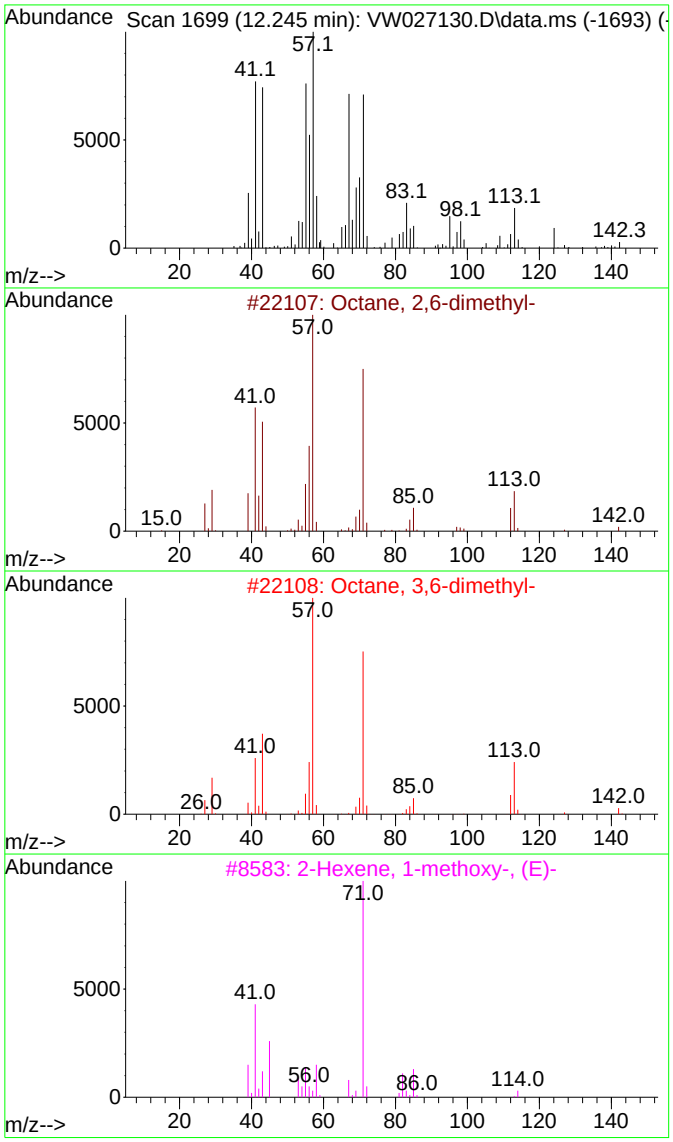
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

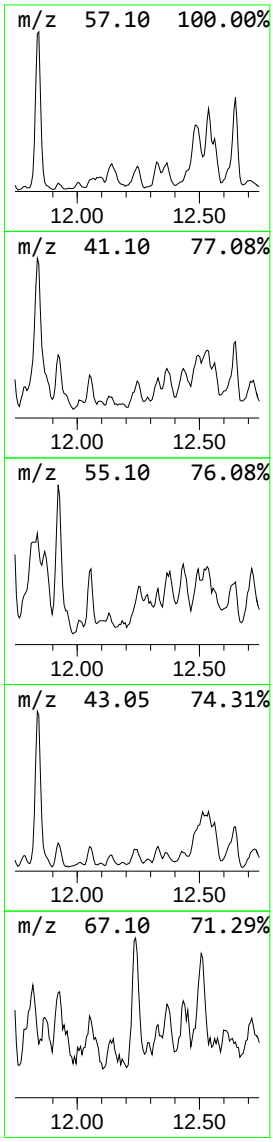
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	2.48 ug/L	247325	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	30
3	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	25
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	25
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

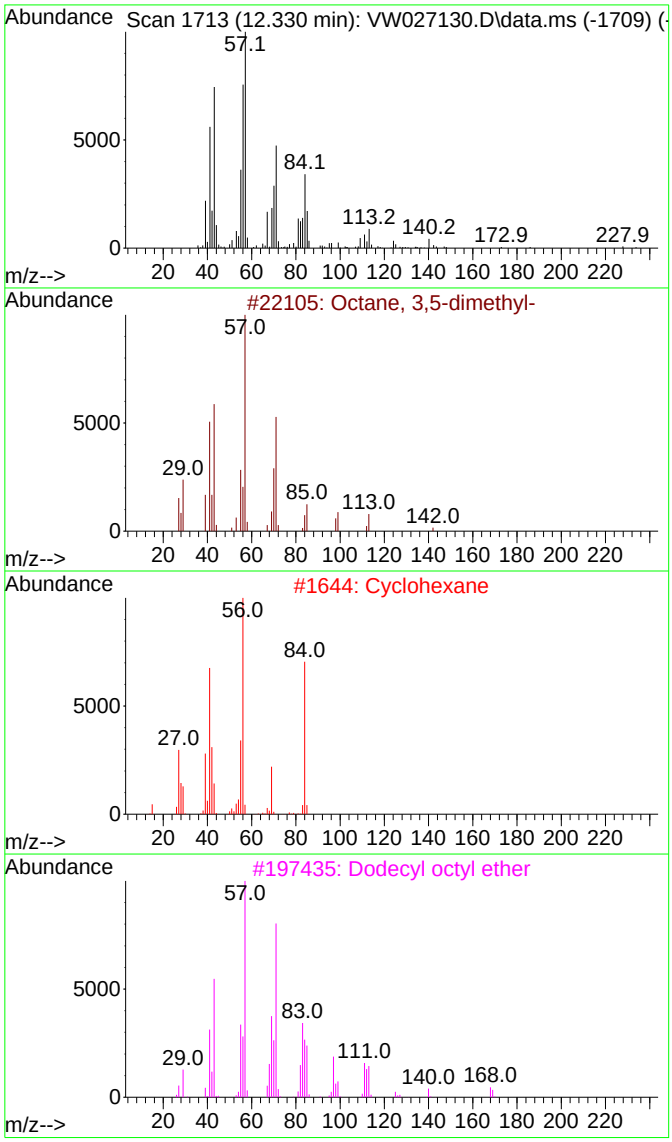
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

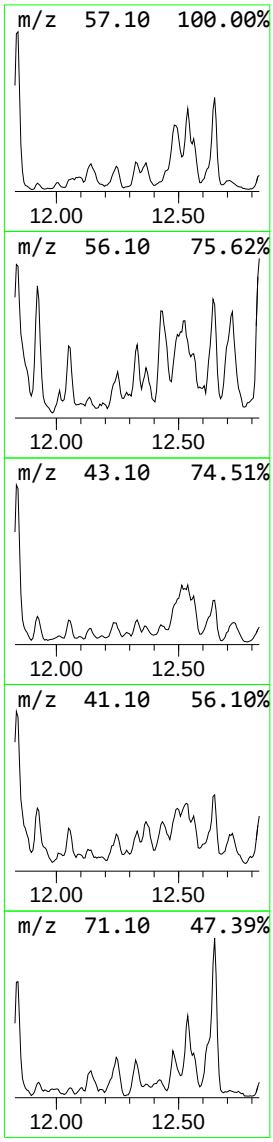
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	1.44 ug/L	143471	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
2	Cyclohexane	84	C6H12	000110-82-7	43
3	Dodecyl octyl ether	298	C20H42O	1000406-38-4	43
4	Cyclohexane	84	C6H12	000110-82-7	43
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

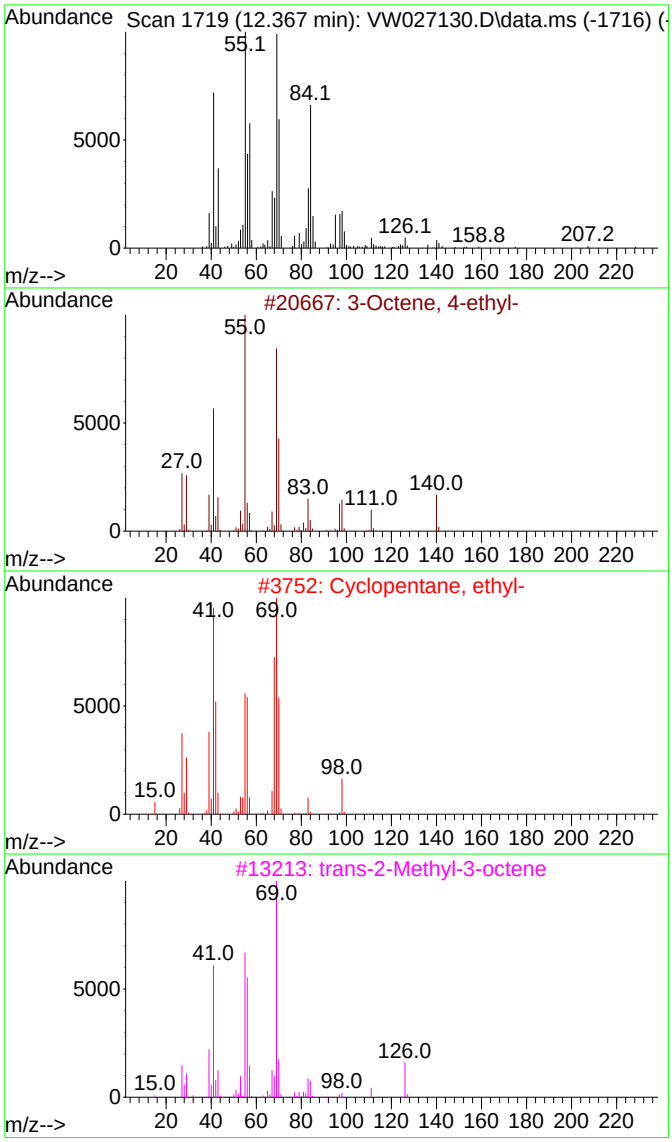
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

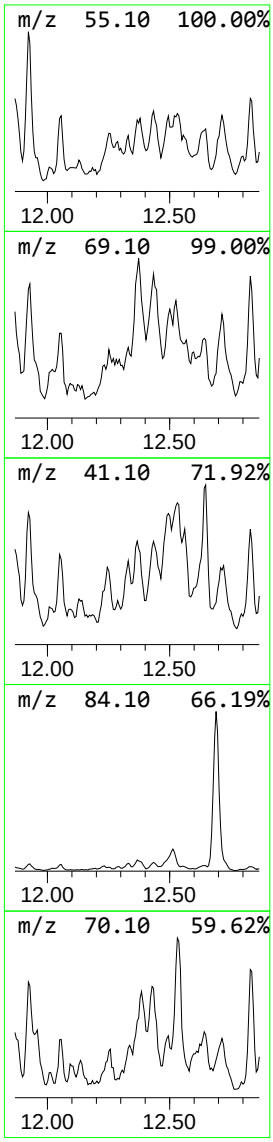
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	1.90 ug/L	190019	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	53
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
3	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43
5	3-Methylpentan-1-yl trifluoroace...	198	C8H13F3O2	1000417-30-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

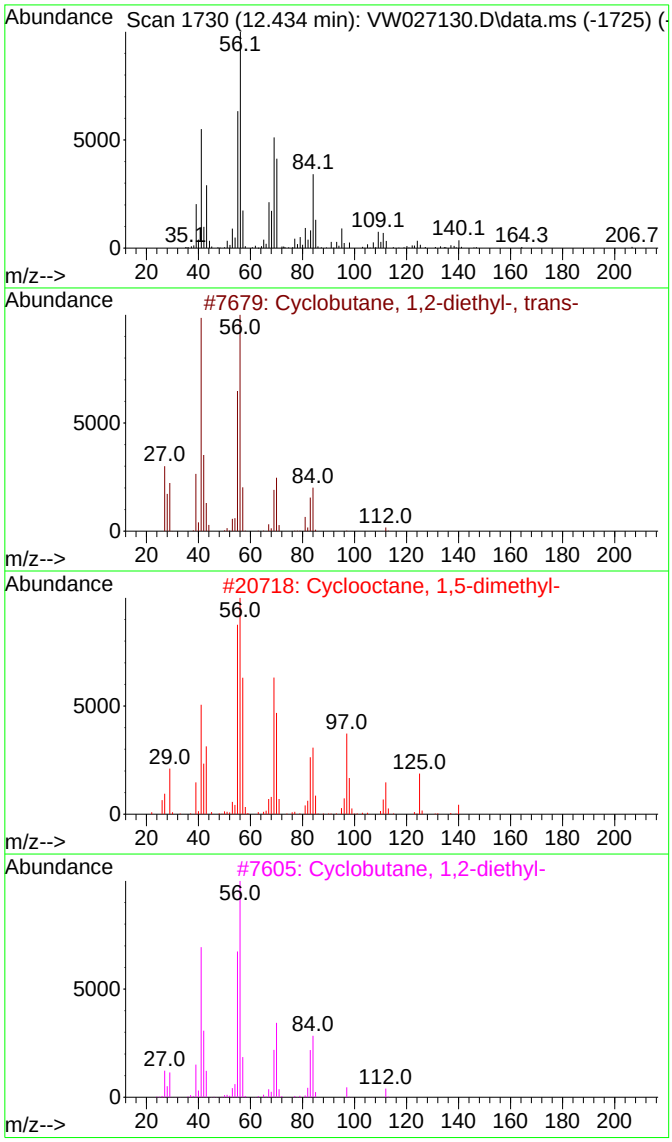
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

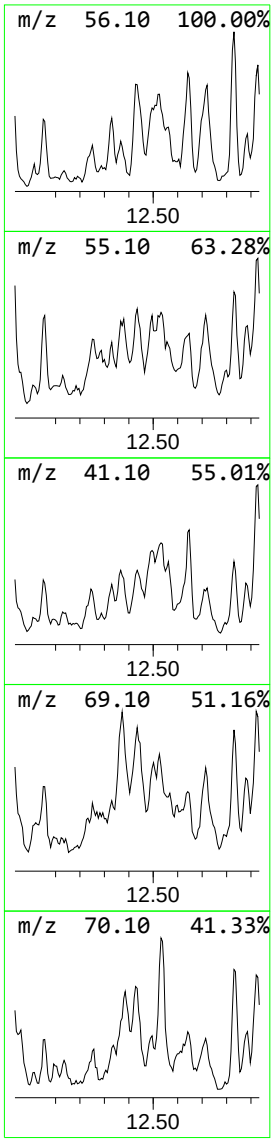
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic12.434 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.434	2.67 ug/L	266288	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2-diethyl-, trans-	112	C8H16	019341-98-1	62
2	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	59
3	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	58
4	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	50
5	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

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

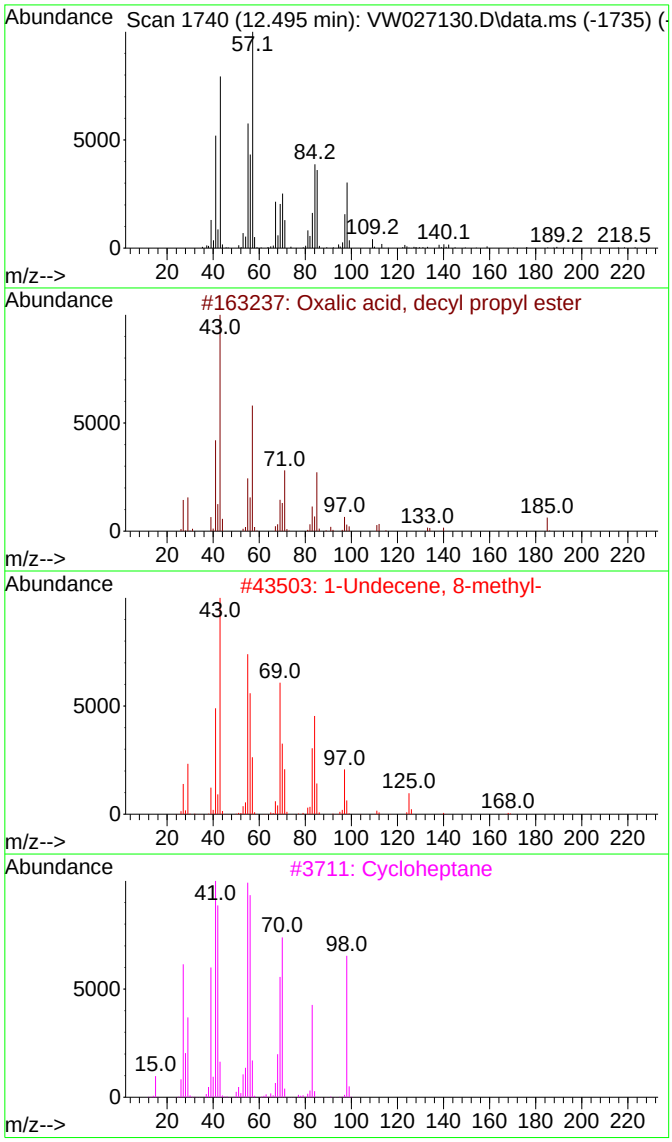
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

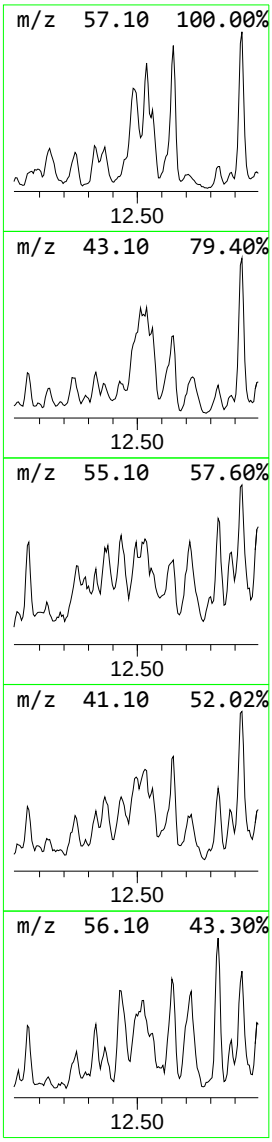
****

Peak Number 39 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.495	2.50 ug/L	249378	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	43
2	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	38
3	Cycloheptane	98	C7H14	000291-64-5	38
4	2-Undecene, 8-methyl-, (Z)-	168	C12H24	074630-44-7	35
5	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

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

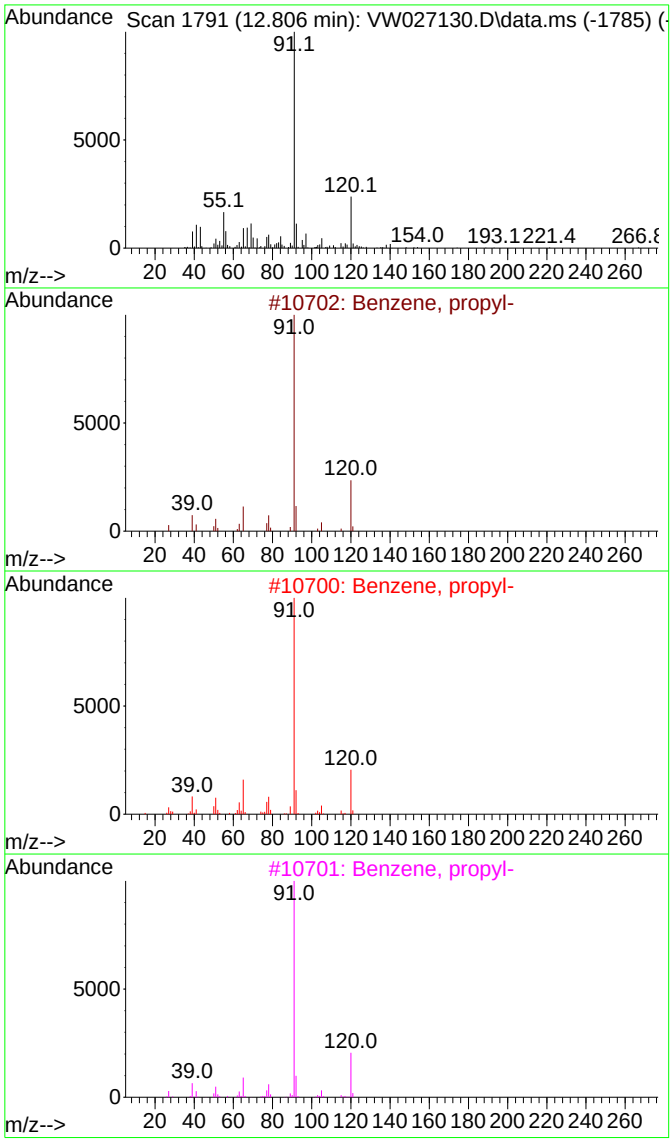
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

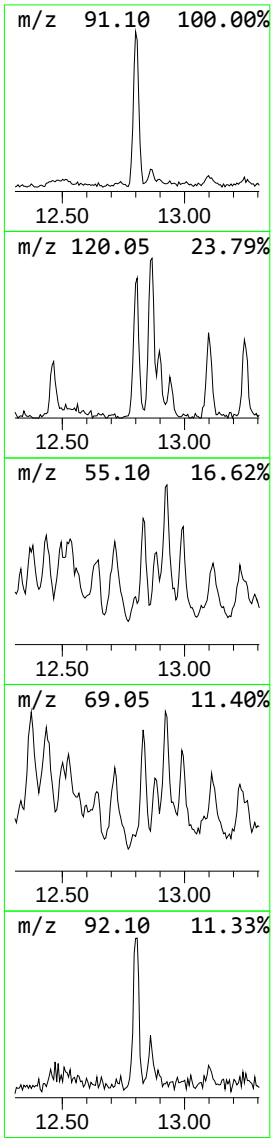
****

Peak Number 40 Benzene, propyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	1.53 ug/L	122513	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	60
3	Benzene, propyl-	120	C9H12	000103-65-1	60
4	Benzene, propyl-	120	C9H12	000103-65-1	60
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

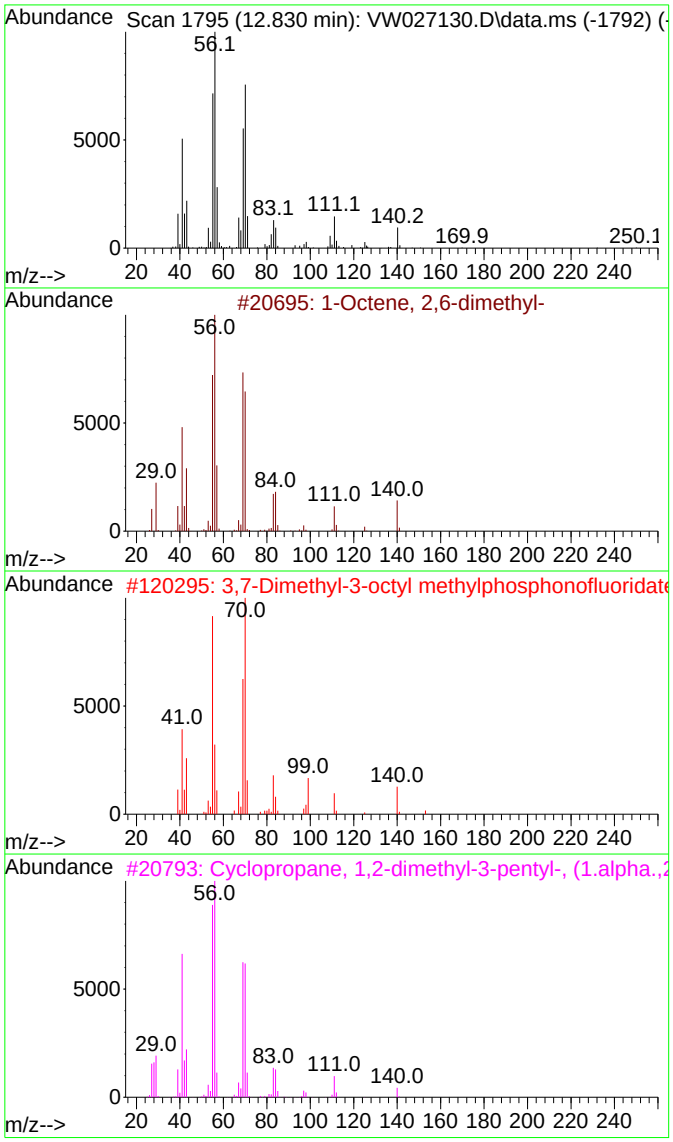
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

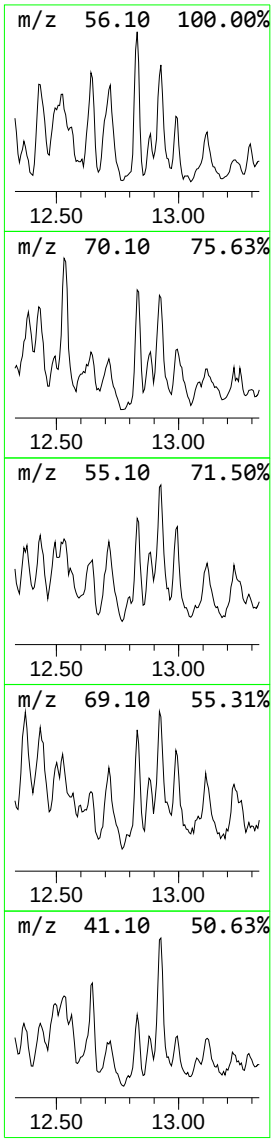
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.830	2.13 ug/L	170402	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	64
2	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24FO2P	159395-79-6	58
3	Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	53
4	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	49
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

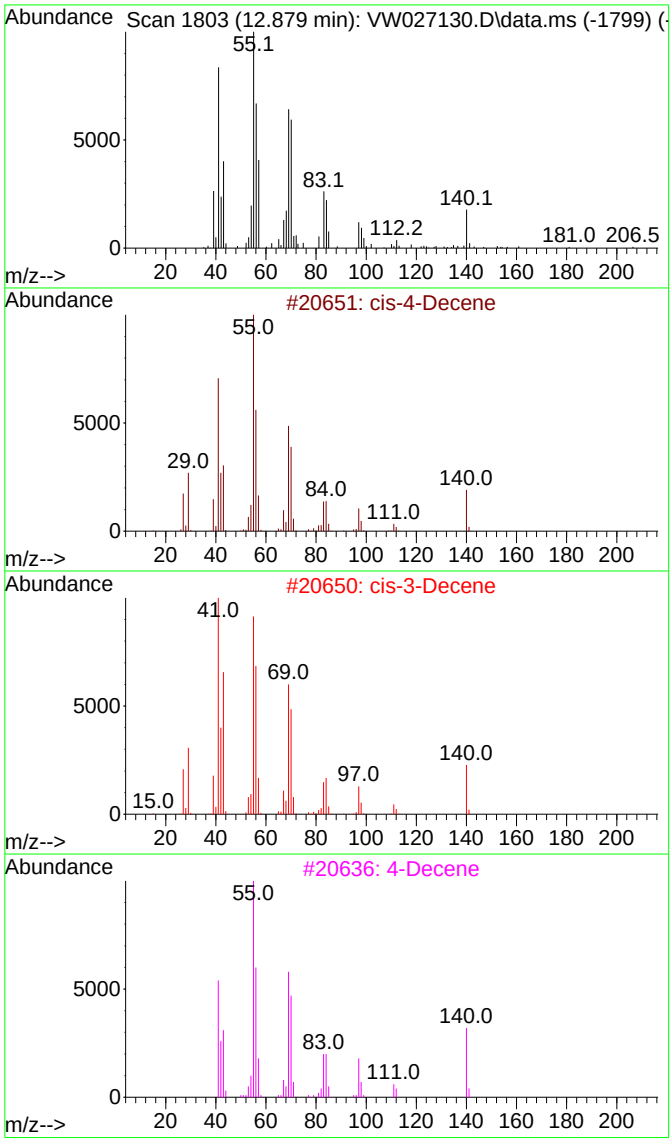
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

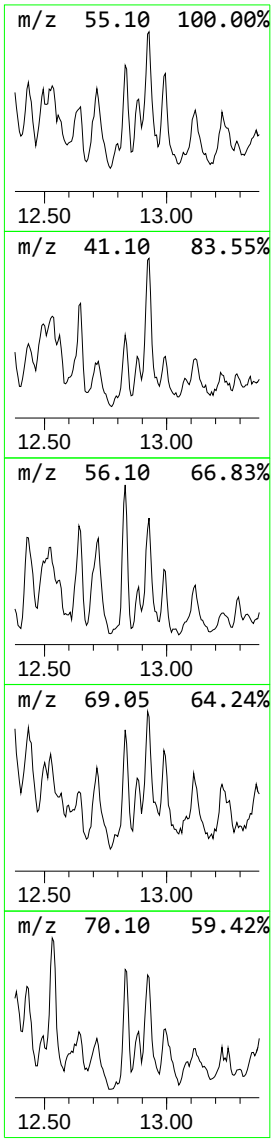
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	1.54 ug/L	123121	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Decene	140	C10H20	019398-88-0	90
2	cis-3-Decene	140	C10H20	019398-86-8	87
3	4-Decene	140	C10H20	019689-18-0	87
4	4-Undecene, (E)-	154	C11H22	000693-62-9	86
5	5-Decene	140	C10H20	019689-19-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

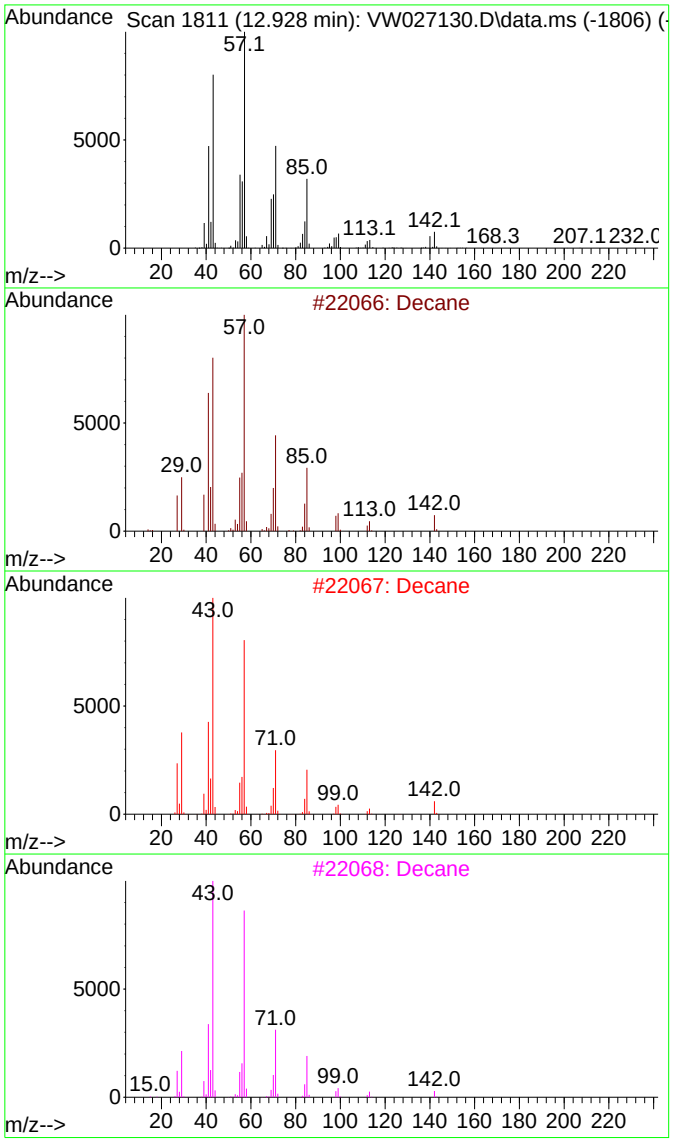
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

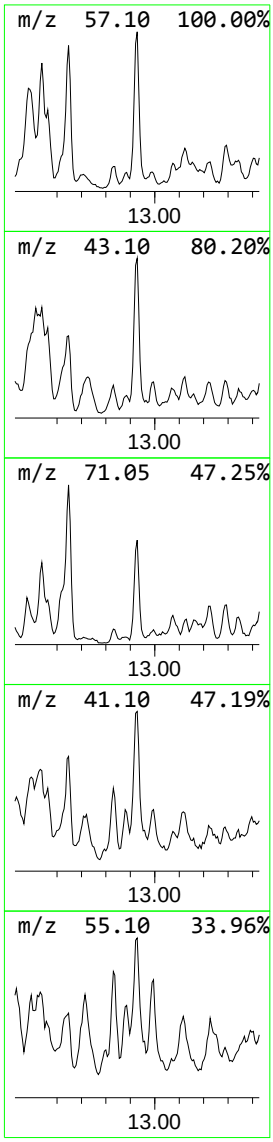
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	7.09 ug/L	566860	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Decane	142	C10H22	000124-18-5	81
3	Decane	142	C10H22	000124-18-5	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Decane	142	C10H22	000124-18-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

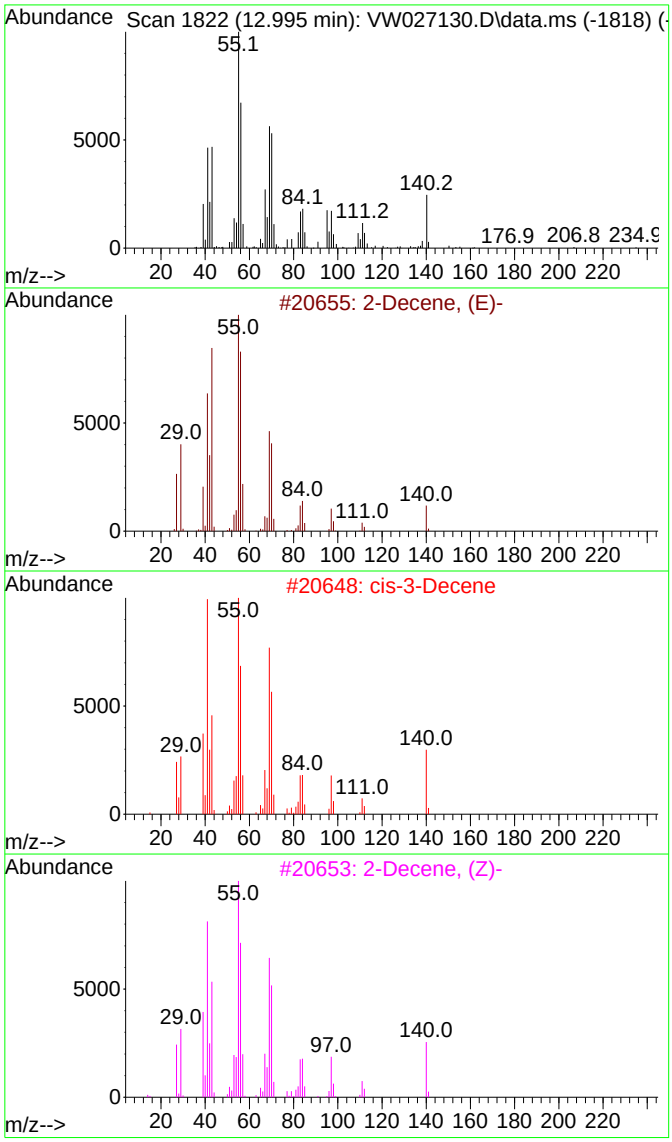
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

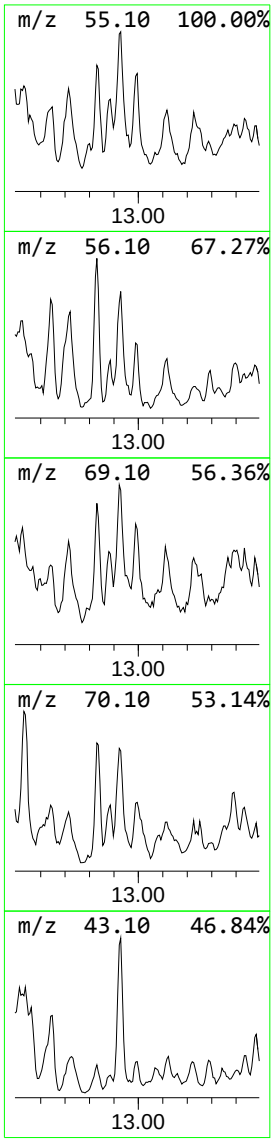
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	2.98 ug/L	238682	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, (E)-	140	C10H20	020063-97-2	94
2	cis-3-Decene	140	C10H20	019398-86-8	93
3	2-Decene, (Z)-	140	C10H20	020348-51-0	93
4	trans-4-Decene	140	C10H20	019398-89-1	86
5	(Z)-5-Decene	140	C10H20	007433-78-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

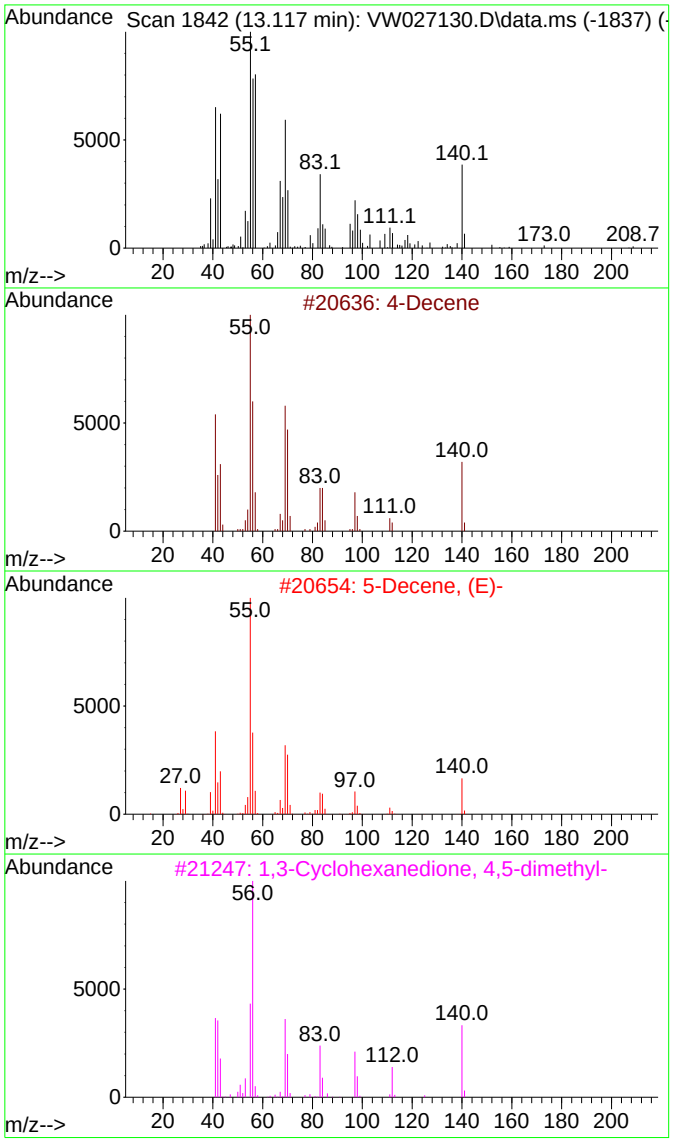
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

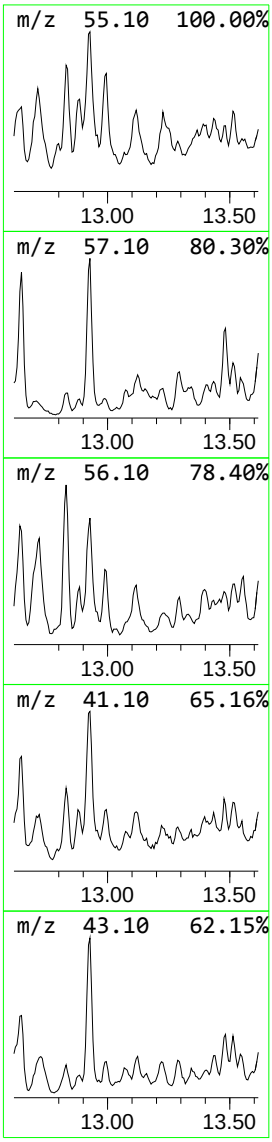
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	2.55 ug/L	203762	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene	140	C10H20	019689-18-0	81
2	5-Decene, (E)-	140	C10H20	007433-56-9	72
3	1,3-Cyclohexanedione, 4,5-dimethyl-	140	C8H12O2	042824-00-0	72
4	5-Decene	140	C10H20	019689-19-1	72
5	2-Decene, (E)-	140	C10H20	020063-97-2	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

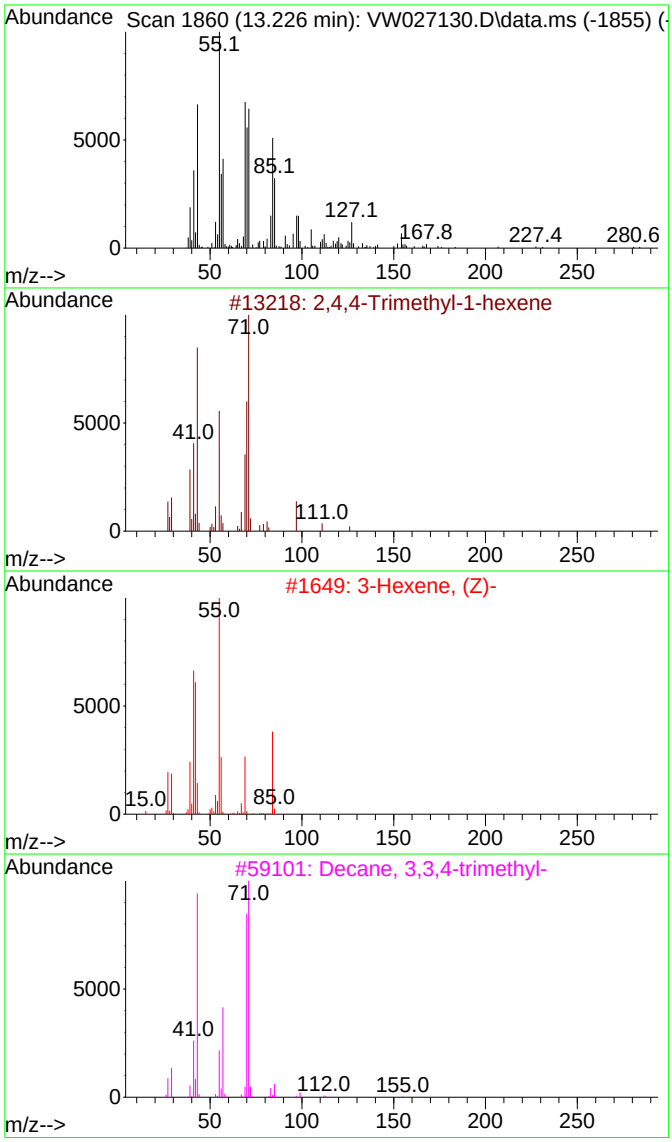
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

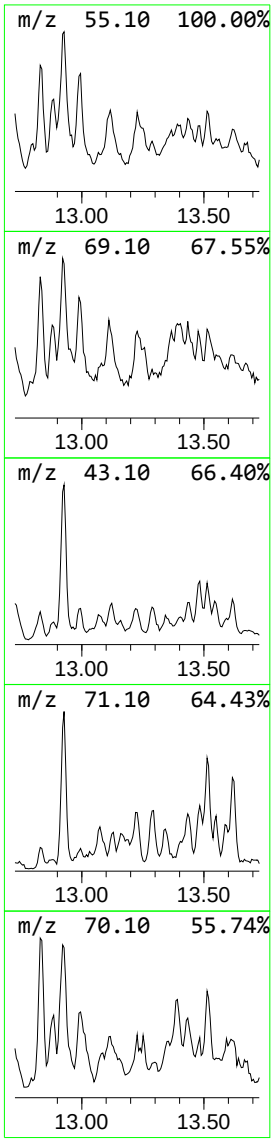
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.24 ug/L	179579	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	27
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	27
4	5-Undecene, (Z)-	154	C11H22	000764-96-5	25
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

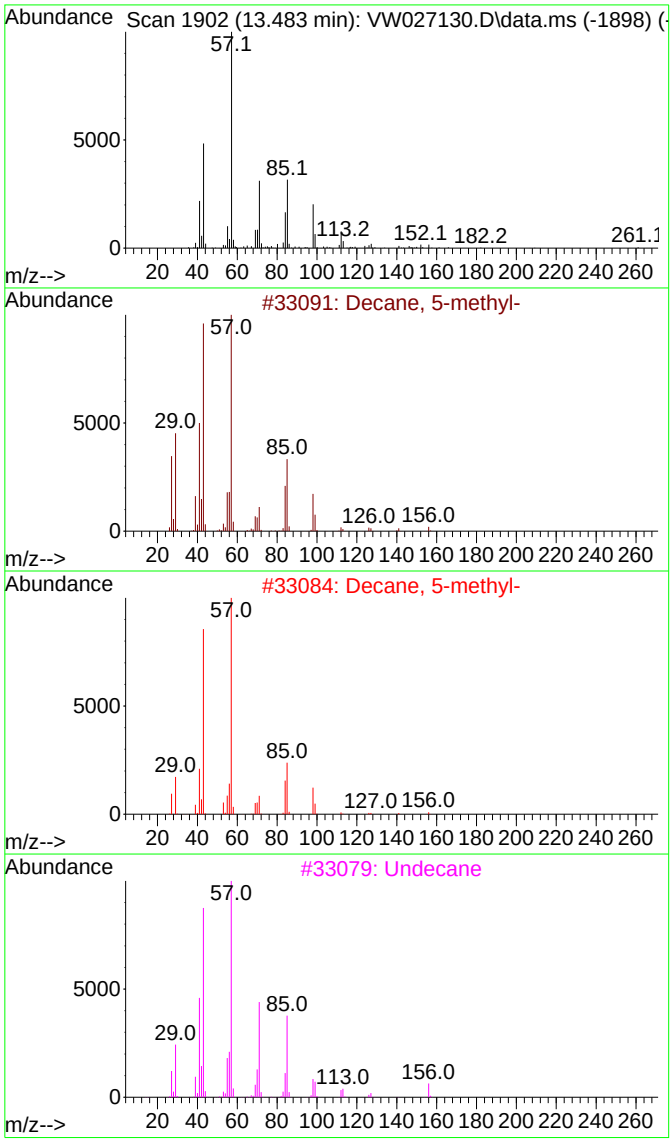
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

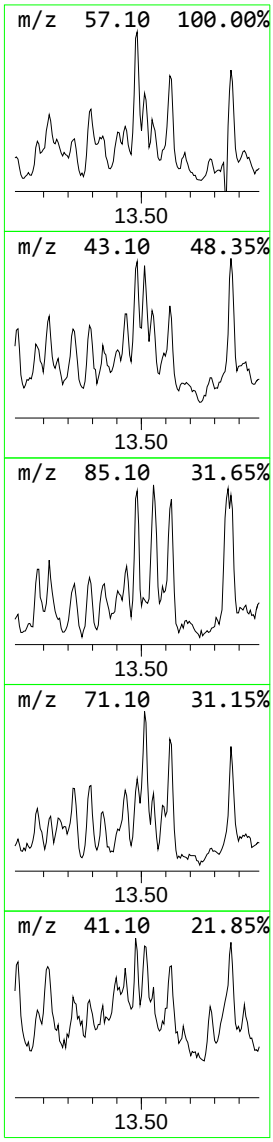
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	1.66 ug/L	132490	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	74
2	Decane, 5-methyl-	156	C11H24	013151-35-4	52
3	Undecane	156	C11H24	001120-21-4	50
4	Pentadecane	212	C15H32	000629-62-9	47
5	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

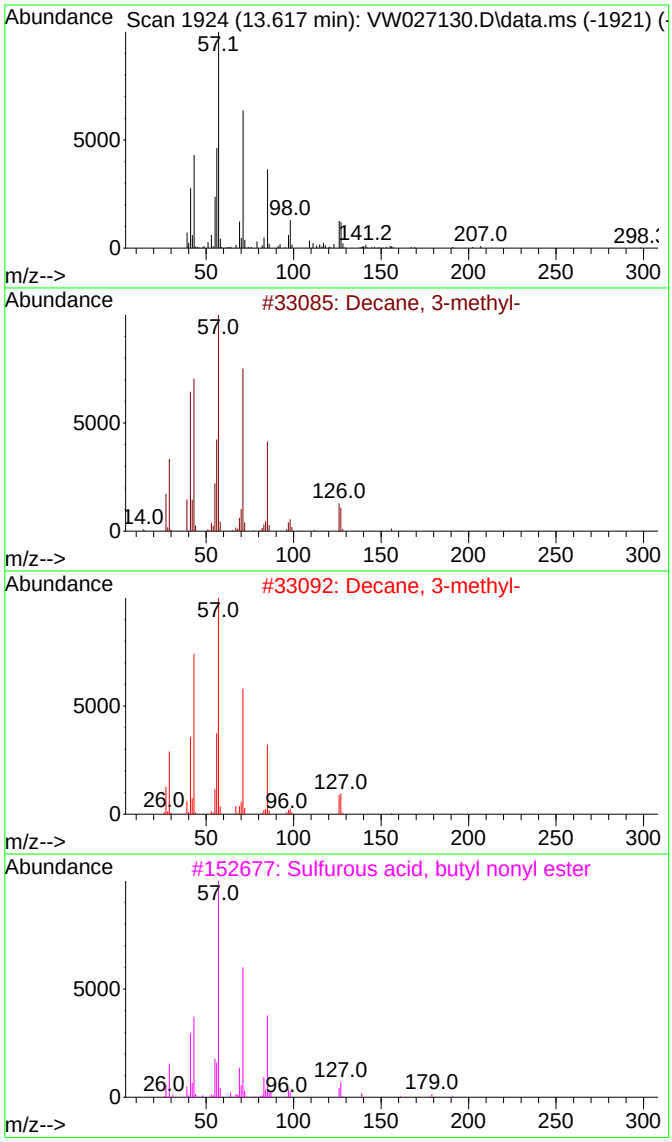
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

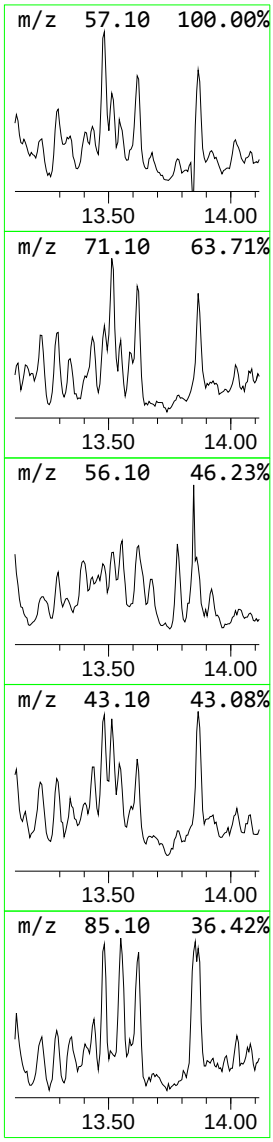
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	2.14 ug/L	170816	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2	Decane, 3-methyl-	156	C11H24	013151-34-3	87
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

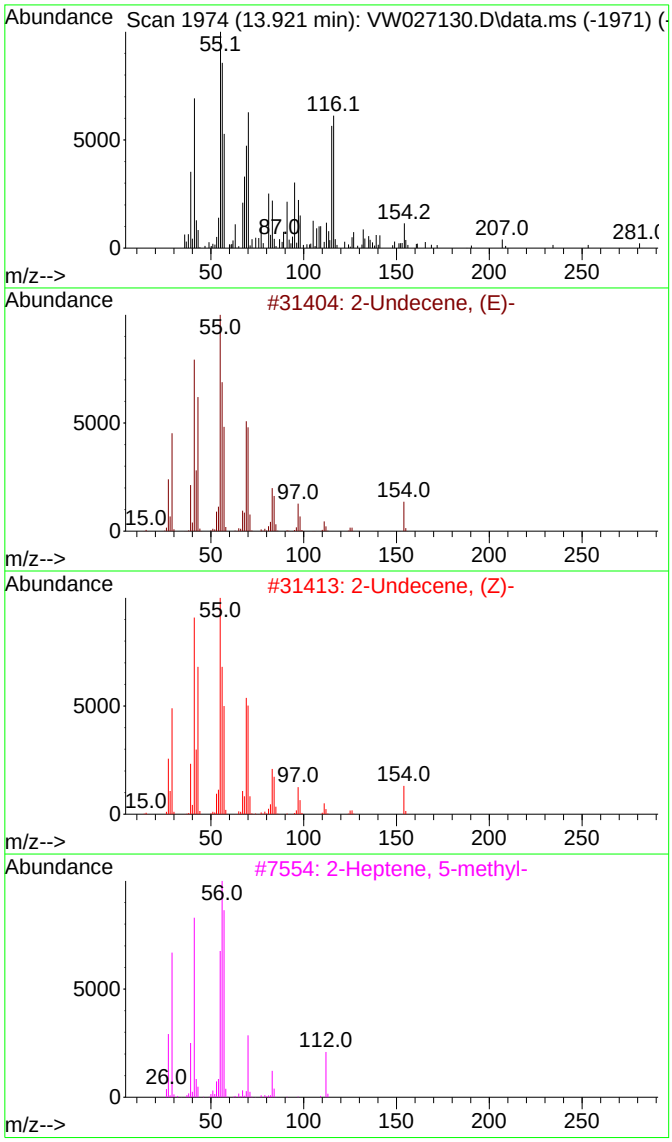
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
Quant Title : SFAM01.0

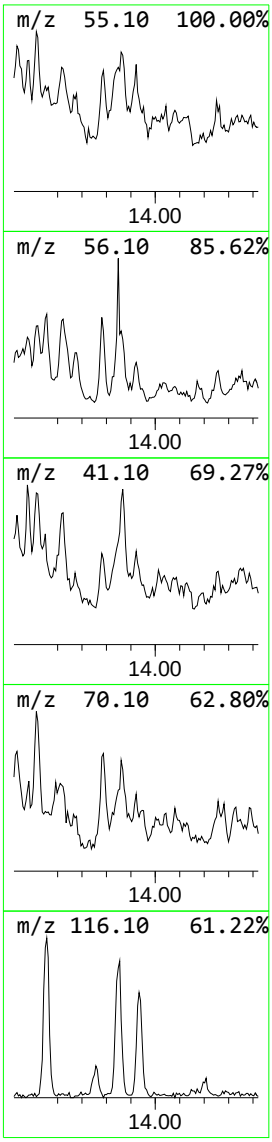
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	2.10 ug/L	167616	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, (E)-	154	C11H22	000693-61-8	43
2	2-Undecene, (Z)-	154	C11H22	000821-96-5	43
3	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	30
4	Cycloheptane	98	C7H14	000291-64-5	30
5	Morpholine, 4-nitroso-	116	C4H8N2O2	000059-89-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
Data File : VW027130.D
Acq On : 18 Sep 2023 16:27
Operator : SY/MD
Sample : 04472-05
Misc : 6.59g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYL0

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
(DEL) Alkane: S...	1.960	2.4	ug/L	187886	1	8.843	1956720	25.0
(DEL) Alkane: S...	3.033	1.4	ug/L	107515	1	8.843	1956720	25.0
(DEL) Alkane: S...	3.393	4.4	ug/L	341430	1	8.843	1956720	25.0
(DEL) Alkane: S...	5.441	2.7	ug/L	213543	1	8.843	1956720	25.0
(DEL) Alkane: S...	5.764	2.0	ug/L	153201	1	8.843	1956720	25.0
2-Ethyl-oxetane	5.941	7.3	ug/L	567372	1	8.843	1956720	25.0
(DEL) Alkane: S...	6.228	1.5	ug/L	118465	1	8.843	1956720	25.0
(DEL) Alkane: S...	7.923	4.0	ug/L	309505	1	8.843	1956720	25.0
(DEL) Alkane: S...	8.032	3.2	ug/L	247635	1	8.843	1956720	25.0
(DEL) Alkane: S...	8.154	8.4	ug/L	656431	1	8.843	1956720	25.0
(DEL) Alkane: S...	8.526	2.3	ug/L	176167	1	8.843	1956720	25.0
(DEL) Alkane: S...	8.593	2.3	ug/L	175763	1	8.843	1956720	25.0
(DEL) Alkane: S...	8.697	14.1	ug/L	1106230	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.087	3.0	ug/L	232891	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.386	1.6	ug/L	127822	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.691	1.9	ug/L	145186	1	8.843	1956720	25.0
(DEL) Alkane: C...	9.745	3.1	ug/L	244817	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.812	1.3	ug/L	100425	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.898	3.6	ug/L	281414	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.953	5.0	ug/L	391251	1	8.843	1956720	25.0
(DEL) Alkane: S...	9.989	3.4	ug/L	265599	1	8.843	1956720	25.0
(DEL) Alkane: S...	10.093	14.5	ug/L	1132770	1	8.843	1956720	25.0
(DEL) Alkane: S...	10.184	1.4	ug/L	111547	1	8.843	1956720	25.0
(DEL) Alkane: S...	10.501	13.3	ug/L	1327900	2	11.629	2495090	25.0
(DEL) Alkane: S...	10.776	3.3	ug/L	329878	2	11.629	2495090	25.0
(DEL) Alkane: C...	11.178	1.3	ug/L	131054	2	11.629	2495090	25.0
(DEL) Alkane: C...	11.245	2.0	ug/L	195524	2	11.629	2495090	25.0
(DEL) Alkane: S...	11.337	1.7	ug/L	172567	2	11.629	2495090	25.0
(DEL) Alkane: S...	11.404	10.1	ug/L	1009790	2	11.629	2495090	25.0
(DEL) Alkane: S...	11.452	1.5	ug/L	147942	2	11.629	2495090	25.0
(DEL) Alkane: S...	11.507	8.5	ug/L	845167	2	11.629	2495090	25.0
(DEL) Alkane: S...	11.922	4.6	ug/L	462375	2	11.629	2495090	25.0
(DEL) Alkane: S...	12.056	1.5	ug/L	153156	2	11.629	2495090	25.0
(DEL) Alkane: S...	12.245	2.5	ug/L	247325	2	11.629	2495090	25.0
(DEL) Alkane: S...	12.330	1.4	ug/L	143471	2	11.629	2495090	25.0
(DEL) Alkane: S...	12.367	1.9	ug/L	190019	2	11.629	2495090	25.0
(DEL) Alkane: C...	12.434	2.7	ug/L	266288	2	11.629	2495090	25.0
unknown-01	12.495	2.5	ug/L	249378	2	11.629	2495090	25.0
Benzene, propyl-	12.806	1.5	ug/L	122513	3	13.556	1999900	25.0
(DEL) Alkane: S...	12.830	2.1	ug/L	170402	3	13.556	1999900	25.0
(DEL) Alkane: S...	12.879	1.5	ug/L	123121	3	13.556	1999900	25.0
(DEL) Alkane: S...	12.928	7.1	ug/L	566860	3	13.556	1999900	25.0
(DEL) Alkane: S...	12.995	3.0	ug/L	238682	3	13.556	1999900	25.0
(DEL) Alkane: S...	13.117	2.5	ug/L	203762	3	13.556	1999900	25.0
(DEL) Alkane: S...	13.227	2.2	ug/L	179579	3	13.556	1999900	25.0
(DEL) Alkane: S...	13.483	1.7	ug/L	132490	3	13.556	1999900	25.0
(DEL) Alkane: S...	13.617	2.1	ug/L	170816	3	13.556	1999900	25.0
(DEL) Alkane: S...	13.922	2.1	ug/L	167616	3	13.556	1999900	25.0