LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

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\SFAMWLM072424SMA.M
Title : SFAM01.0

Signal : TIC: VW030009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	44	47	61	rVB2	19607	39436	0.49%	0.087%
2	2.363	67	78	91	rBV2	51185	126042	1.56%	0.277%
3	2.503	97	101	109	rVB	10100	21176	0.26%	0.046%
4	2.814	149	152	157	rBV	3045	5777	0.07%	0.013%
5	2.899	157	166	181	rVV	29268	89208	1.10%	0.196%
6	3.027	182	187	196	rVB3	9632	21637	0.27%	0.047%
7	3.308	226	233	239	rVB4	2686	5883	0.07%	0.013%
8	3.393	239	247	258	rBV2	8591	22570	0.28%	0.050%
9	3.594	275	280	285	rVB4	590	1193	0.01%	0.003%
10	3.753	296	306	312	rVV8	1663	5939	0.07%	0.013%
11	3.844	317	321	324	rBV5	556	1033	0.01%	0.002%
12	4.015	338	349	362	rBV2	64314	211063	2.61%	0.463%
13	4.143	362	370	389	rVV	27297	95387	1.18%	0.209%
14	4.387	404	410	417	rVB4	716	1935	0.02%	0.004%
15	4.679	450	458	471	rBV2	7987	25159	0.31%	0.055%
16	4.795	475	477	482	rVB2	460	775	0.01%	0.002%
17	4.923	487	498	517	rBV4	11825	49762	0.62%	0.109%
18	5.185	537	541	543	rBV2	469	662	0.01%	0.001%
19	5.423	569	580	582	rBV4	1438	2965	0.04%	0.007%
20	5.448	582	584	590	rVV3	1145	1721	0.02%	0.004%
21	5.789	625	640	655	rBV2	48840	163482	2.02%	0.359%
22	5.941	655	665	677	rVB4	7838	24634	0.31%	0.054%
23	6.118	684	694	703	rBV4	3278	9616	0.12%	0.021%
24	6.600	767	773	781	rVB4	980	2907	0.04%	0.006%
25	6.899	808	822	843	rBV	1393631	4029129	49.91%	8.843%
26	7.088	845	853	862	rVV	34874	111464	1.38%	0.245%
27	7.179	863	868	876	rVV2	12995	41216	0.51%	0.090%
28	7.258	876	881	898	rVB4	8910	27389	0.34%	0.060%
29	7.411	904	906	910	rVB3	526	757	0.01%	0.002%
30	7.533	922	926	928	rBV4	483	669	0.01%	0.001%
31	7.557	928	930	934	rVB4	516	660	0.01%	0.001%
32	7.648	934	945	961	rVB	99602	250136	3.10%	0.549%
33	7.929	983	991	992	rBV5	1687	3081	0.04%	0.007%
34	8.136	1022	1025	1026	rBV2	1342	1311	0.02%	0.003%
35	8.154	1026	1028	1034	rVV6	1784	2835	0.04%	0.006%
36	8.282	1038	1049	1066	rVV2	165088	582877	7.22%	1.279%

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Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

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\SFAMWLM072424SMA.M
Title : SFAM01.0

37	8.417	1069	1071	1073	rVV3	1223	1537	0.02%	0.003%
38	8.459	1076	1078	1080	rVB3	817	752	0.01%	0.002%
39	8.551	1087	1093	1106	rVB4	8574	22571	0.28%	0.050%
40	8.709	1112	1119	1127	rBV3	9731	27357	0.34%	0.060%
41	8.782	1127	1131	1133	rBV4	2647	3856	0.05%	0.008%
42	8.843	1133	1141	1151	rVB	188980	371961	4.61%	0.816%
43	9.045	1166	1174	1188	rBV	251062	632293	7.83%	1.388%
44	9.276	1204	1212	1219	rBV2	121804	257568	3.19%	0.565%
45	9.410	1228	1234	1244	rBV3	28327	66660	0.83%	0.146%
46	9.648	1268	1273	1277	rBV3	7769	14330	0.18%	0.031%
47	10.032	1331	1336	1342	rBV	56966	104899	1.30%	0.230%
48	10.215	1362	1366	1370	rBV5	5250	8681	0.11%	0.019%
49	10.325	1377	1384	1390	rBV	127965	245221	3.04%	0.538%
50	10.392	1390	1395	1400	rVB	15573	30950	0.38%	0.068%
51	10.575	1420	1425	1430	rBV	34433	69199	0.86%	0.152%
52	10.922	1477	1482	1488	rBV2	118227	235439	2.92%	0.517%
53	11.069	1501	1506	1515	rVB	71420	135071	1.67%	0.296%
54	11.629	1593	1598	1605	rVB	125720	221275	2.74%	0.486%
55	11.983	1652	1656	1665	rVB	52941	103139	1.28%	0.226%
56	12.154	1679	1684	1688	rBV	134518	199790	2.47%	0.439%
57	12.239	1694	1698	1707	rVB3	37832	95754	1.19%	0.210%
58	12.337	1711	1714	1716	rBV3	28673	40152	0.50%	0.088%
59	12.690	1769	1772	1776	rBV2	47749	73769	0.91%	0.162%
60	12.891	1800	1805	1808	rBV	163564	255650	3.17%	0.561%
61	12.928	1808	1811	1817	rVB3	113657	187359	2.32%	0.411%
62	13.032	1823	1828	1832	rBV	108621	183834	2.28%	0.403%
63	13.111	1838	1841	1845	rVB4	51406	74932	0.93%	0.164%
64	13.160	1846	1849	1856	rVB	101896	158481	1.96%	0.348%
65	13.269	1860	1867	1868	rBV3	132515	254693	3.15%	0.559%
66	13.452	1891	1897	1905	rVB4	259870	584337	7.24%	1.283%
67	13.550	1910	1913	1916	rBV3	73297	102147	1.27%	0.224%
68	13.641	1921	1928	1938	rBV	5053535	8073380	100.00%	17.720%
69	13.781	1948	1951	1957	rVB2	102263	152353	1.89%	0.334%
70	13.867	1960	1965	1970	rBV	575797	892523	11.06%	1.959%
71	14.044	1986	1994	1998	rBV5	157142	432145	5.35%	0.948%
72	14.123	2005	2007	2013	rVB2	118483	170998	2.12%	0.375%
73	14.196	2014	2019	2024	rBV3	209033	397490	4.92%	0.872%
74	14.251	2025	2028	2035	rVB6	121600	233296	2.89%	0.512%
75	14.342	2035	2043	2046	rBV4	213556	535302	6.63%	1.175%
76	14.379	2046	2049	2053	rVV2	325616	568644	7.04%	1.248%

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCN88RE

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

77	14.422	2053	2056	2058	rVV3	258040	374067	4.63%	0.821%
78	14.452	2058	2061	2064	rVV	239628	342408	4.24%	0.752%
79	14.495	2064	2068	2071	rVV2	325504	507948	6.29%	1.115%
80	14.537	2071	2075	2082	rVB5	225650	459708	5.69%	1.009%
81	14.714	2100	2104	2110	rVB2	1018972	1470273	18.21%	3.227%
82	14.787	2111	2116	2120	rBV3	463080	1060782	13.14%	2.328%
83	14.830	2121	2123	2131	rVB3	385066	749979	9.29%	1.646%
84	15.056	2156	2160	2170	rBV3	317214	819647	10.15%	1.799%
85	15.159	2172	2177	2186	rVV6	555090	1684993	20.87%	3.698%
86	15.232	2186	2189	2197	rVB5	412228	854944	10.59%	1.876%
87	15.318	2198	2203	2212	rBV4	699317	1682994	20.85%	3.694%
88	15.464	2221	2227	2233	rBV4	786173	1621452	20.08%	3.559%
89	15.543	2235	2240	2250	rVB	1370808	2487747	30.81%	5.460%
90	15.647	2250	2257	2263	rBV4	537461	1184026	14.67%	2.599%
91	15.720	2264	2269	2274	rVB3	309484	550210	6.82%	1.208%
92	15.812	2280	2284	2289	rVB3	363938	611721	7.58%	1.343%
93	15.940	2302	2305	2309	rVB2	291515	443967	5.50%	0.974%
94	15.994	2310	2314	2323	rBV8	334906	854635	10.59%	1.876%
95	16.159	2332	2341	2345	rBV7	234622	746722	9.25%	1.639%
96	16.208	2346	2349	2355	rVV4	205258	398070	4.93%	0.874%
97	16.275	2356	2360	2365	rVB2	266137	444685	5.51%	0.976%
98	16.427	2380	2385	2389	rBV2	257208	527726	6.54%	1.158%
99	16.482	2389	2394	2399	rVB	852944	1485964	18.41%	3.261%
100	16.635	2411	2419	2430	rVB5	650834	1995341	24.72%	4.379%

Sum of corrected areas: 45561283

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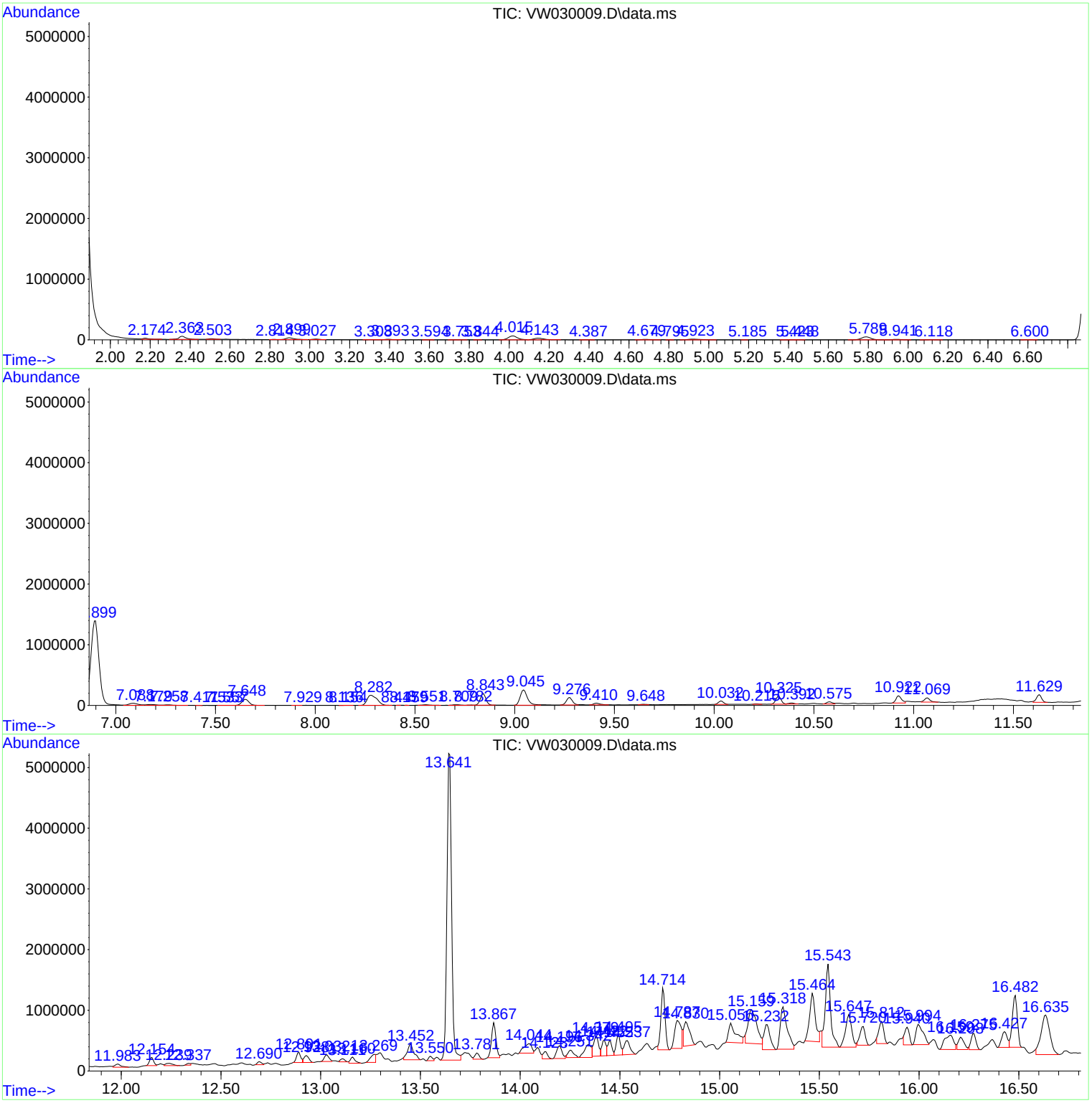
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

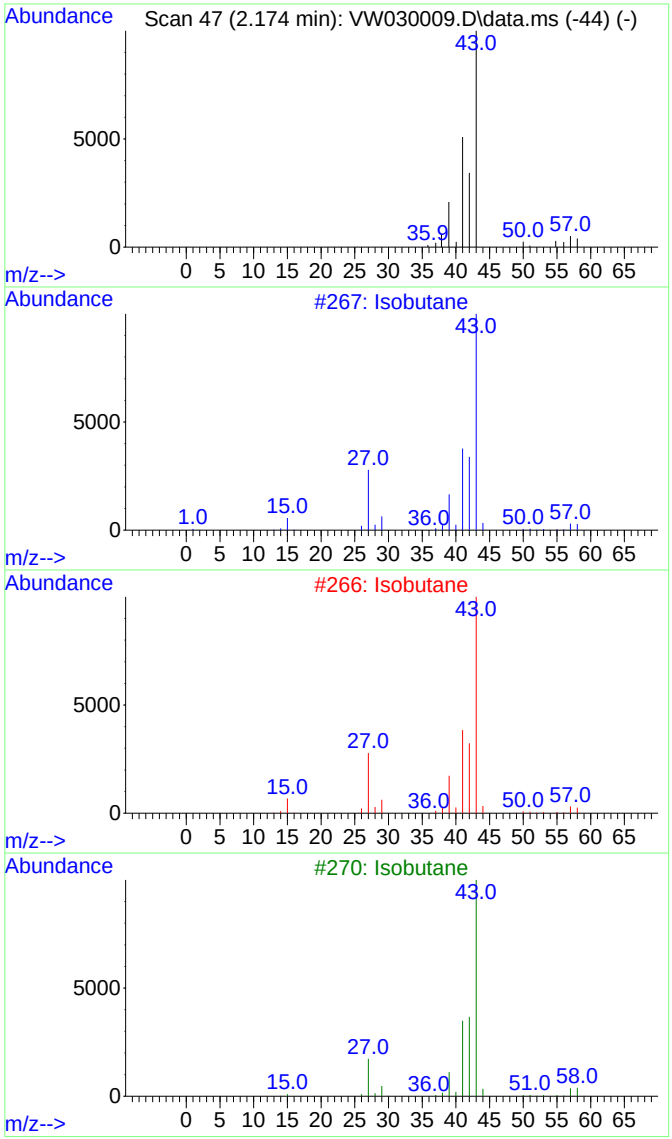
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

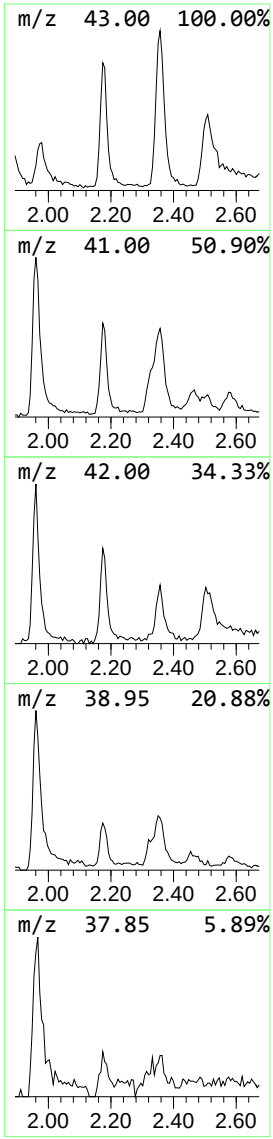
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.174	2.65 ug/L	39436	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	45
4	Isobutane	58	C4H10	000075-28-5	9
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

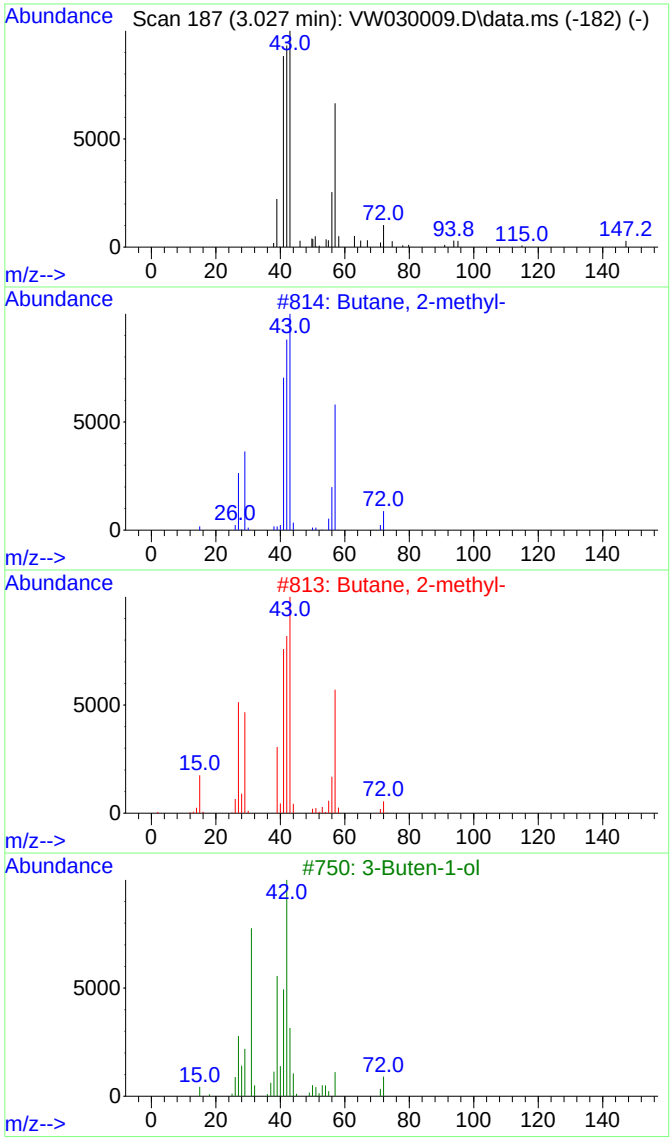
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

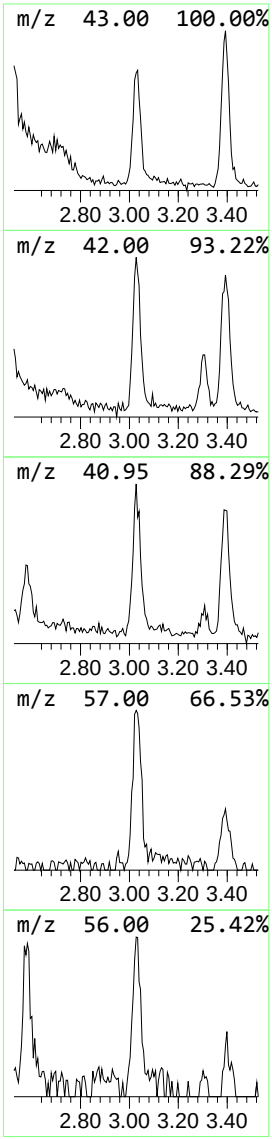
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.027	1.45 ug/L	21637	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	78
3	3-Buten-1-ol	72	C4H8O	000627-27-0	9
4	Pentane	72	C5H12	000109-66-0	9
5	3-Buten-1-ol	72	C4H8O	000627-27-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

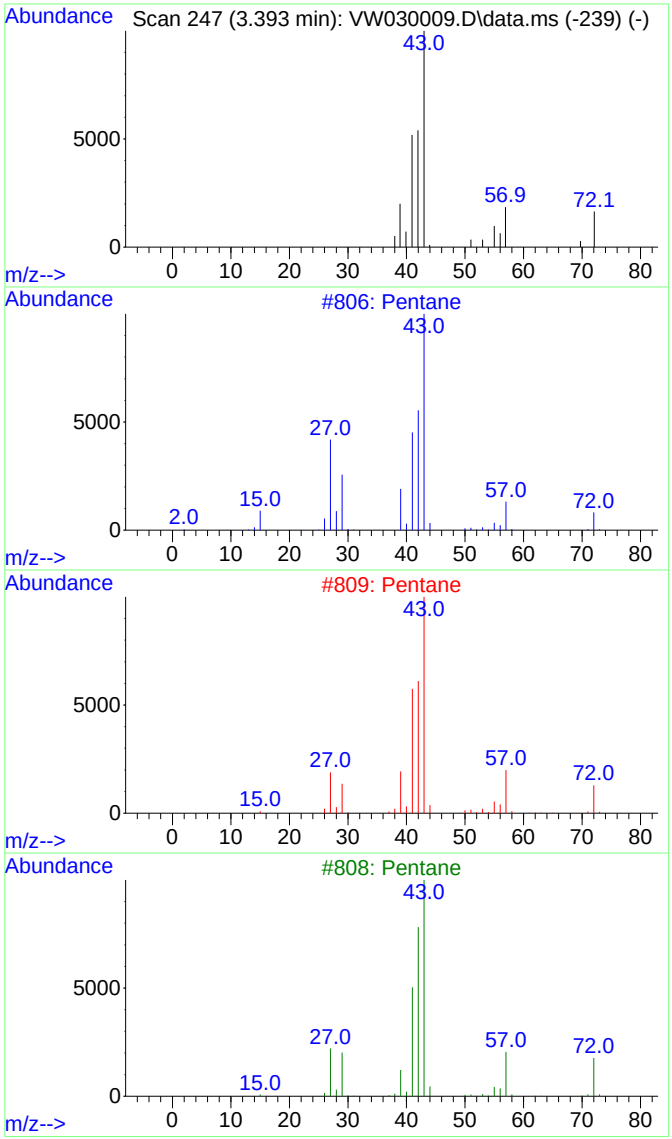
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

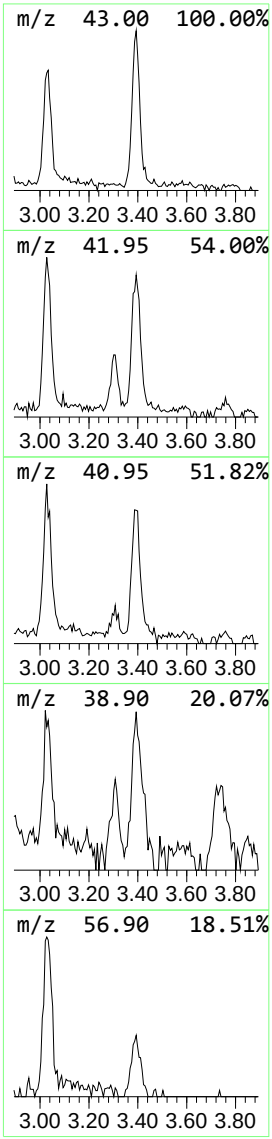
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	1.52 ug/L	22570	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	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
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Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

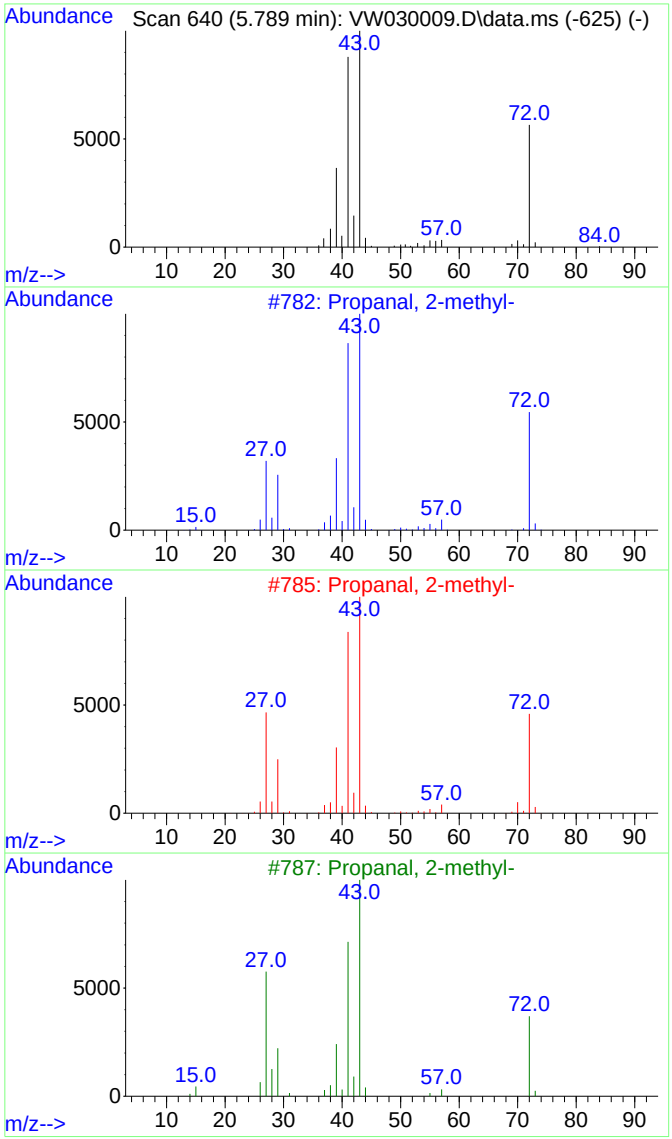
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

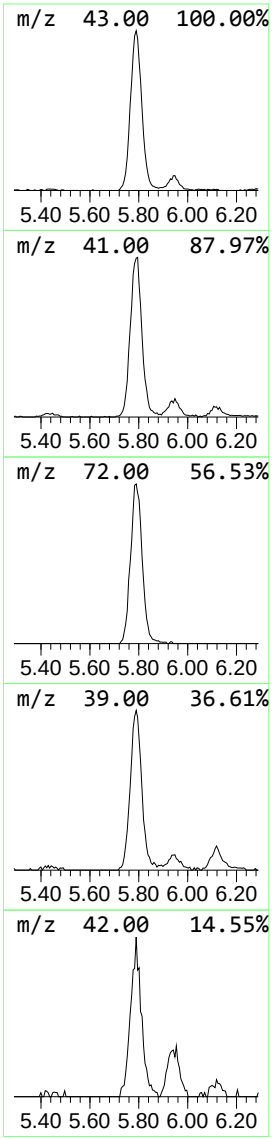
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanal, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.789	10.99 ug/L	163482	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	78
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
5	Butanal	72	C4H8O	000123-72-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

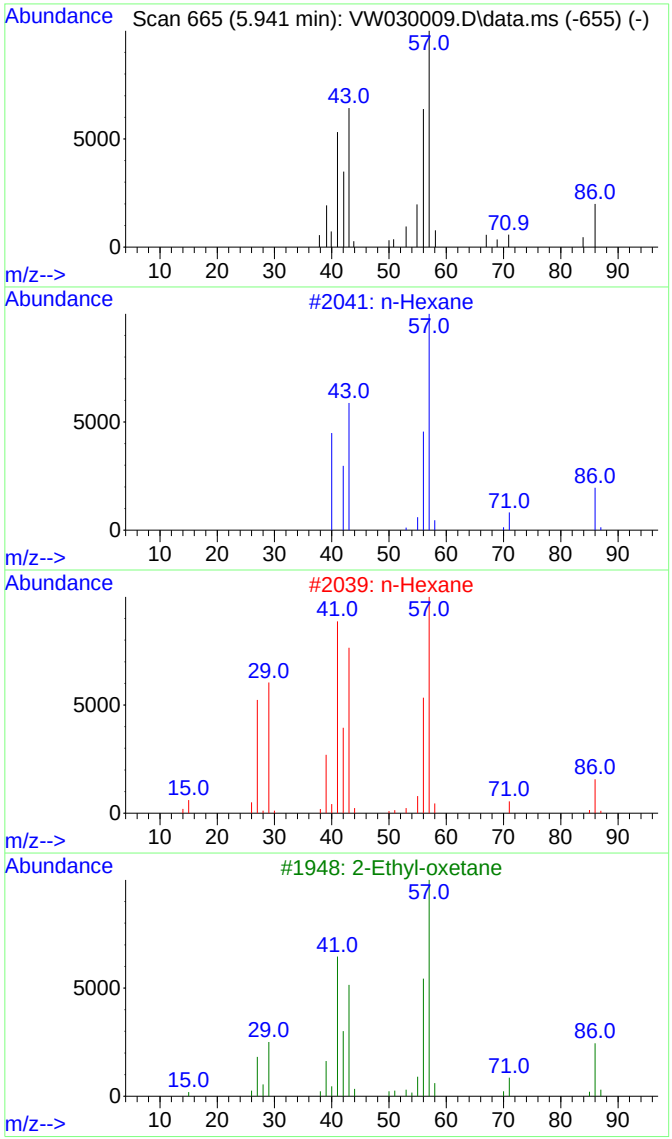
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

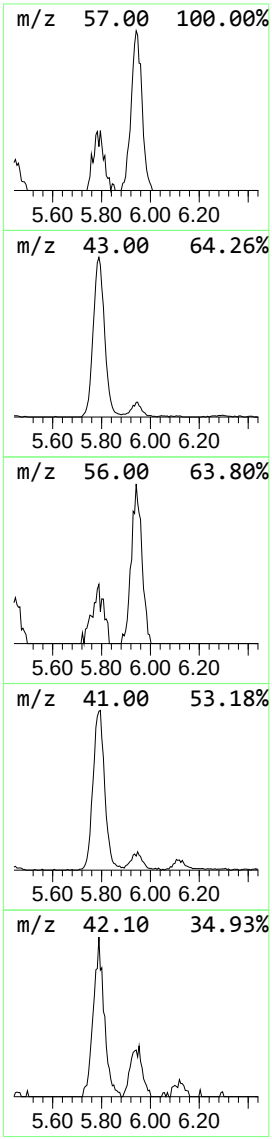
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.66 ug/L	24634	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	72
2	n-Hexane	86	C6H14	000110-54-3	64
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
4	n-Hexane	86	C6H14	000110-54-3	59
5	n-Hexane	86	C6H14	000110-54-3	45





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

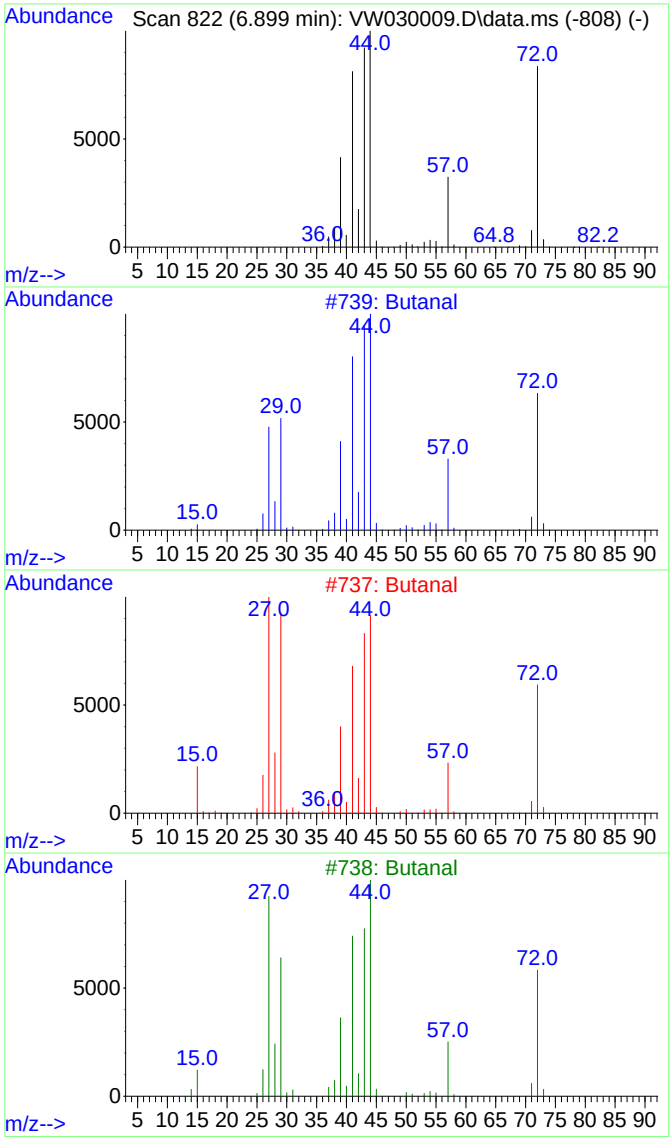
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

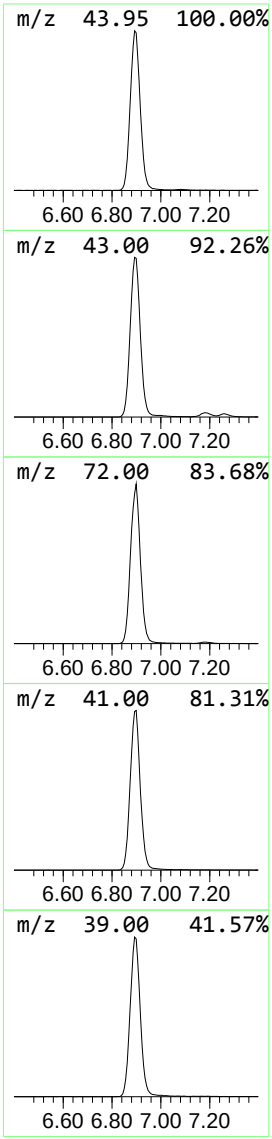
****

Peak Number 7 Butanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.899	270.80 ug/L	4029130	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	83
4	Butanal	72	C4H8O	000123-72-8	83
5	Butanal	72	C4H8O	000123-72-8	74





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

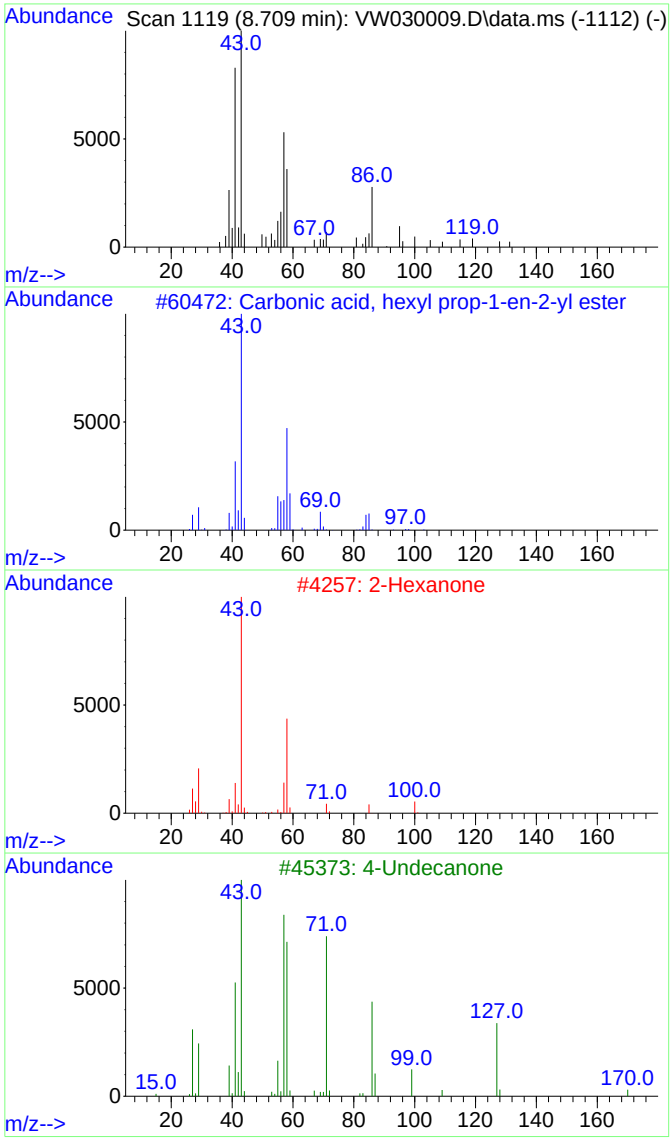
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

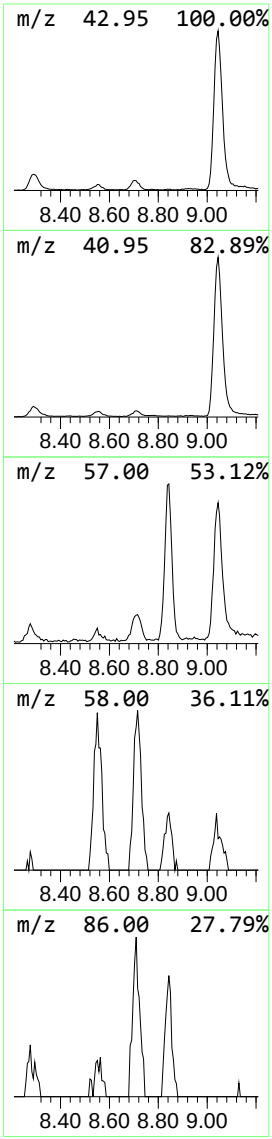
****

Peak Number 10 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.709	1.84 ug/L	27357	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	43
2	2-Hexanone	100	C6H12O	000591-78-6	37
3	4-Undecanone	170	C11H22O	014476-37-0	37
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	35
5	2,4-Pentanedione, 3-ethyl-	128	C7H12O2	001540-34-7	35





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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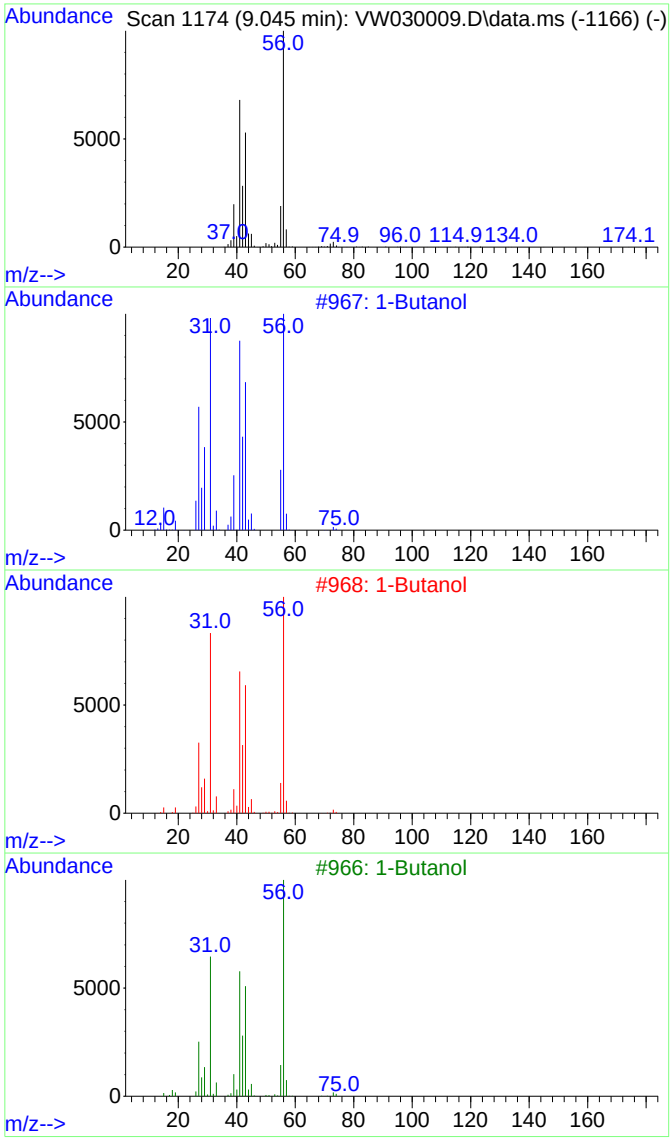
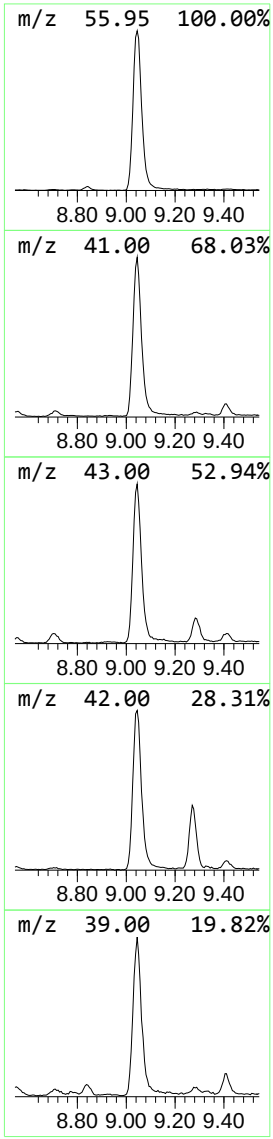
Peak Number 11 1-Butanol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	42.50 ug/L	632293	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	90
2	1-Butanol	74	C4H10O	000071-36-3	90
3	1-Butanol	74	C4H10O	000071-36-3	83
4	1-Butanol	74	C4H10O	000071-36-3	56
5	1-Butanol	74	C4H10O	000071-36-3	50





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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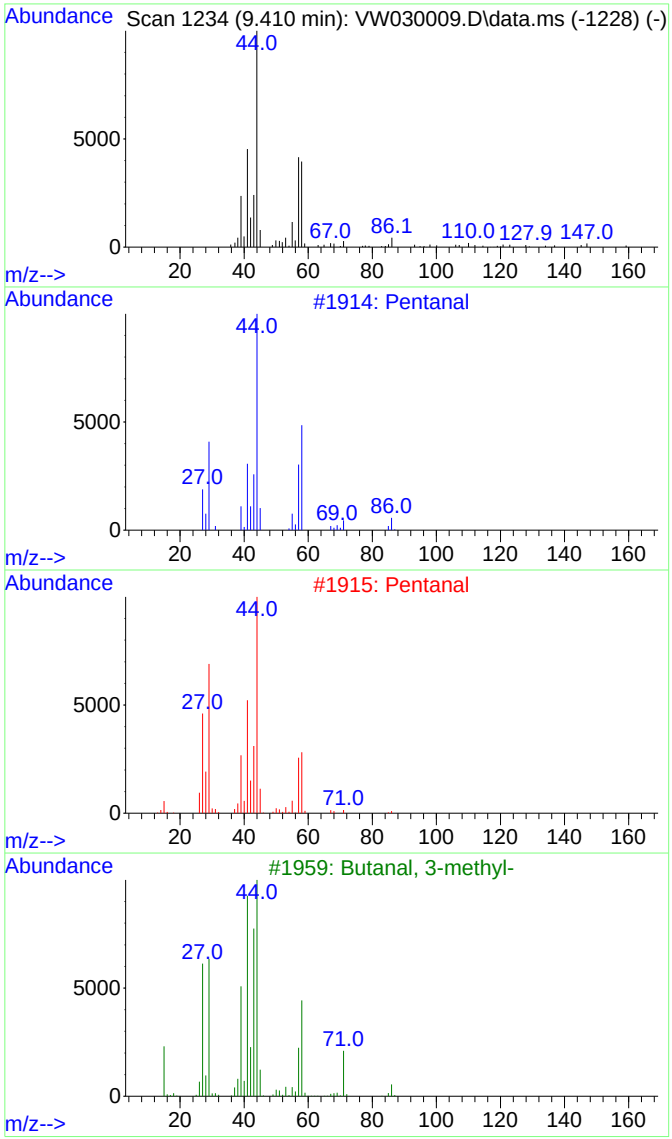
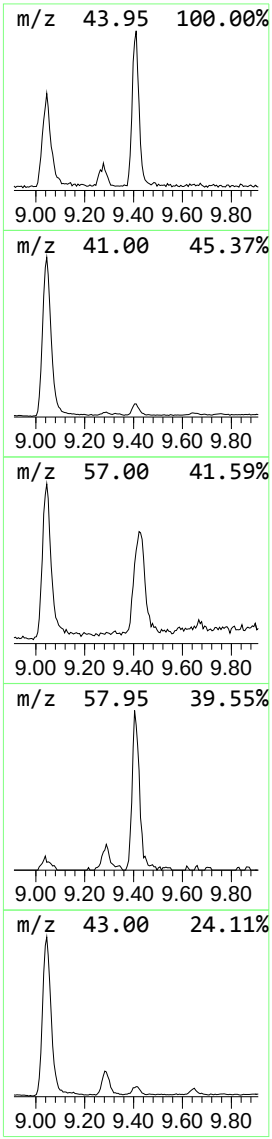
Peak Number 12 Pentanal Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	4.48 ug/L	66660	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	72
2	Pentanal	86	C5H10O	000110-62-3	50
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40
5	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	40





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Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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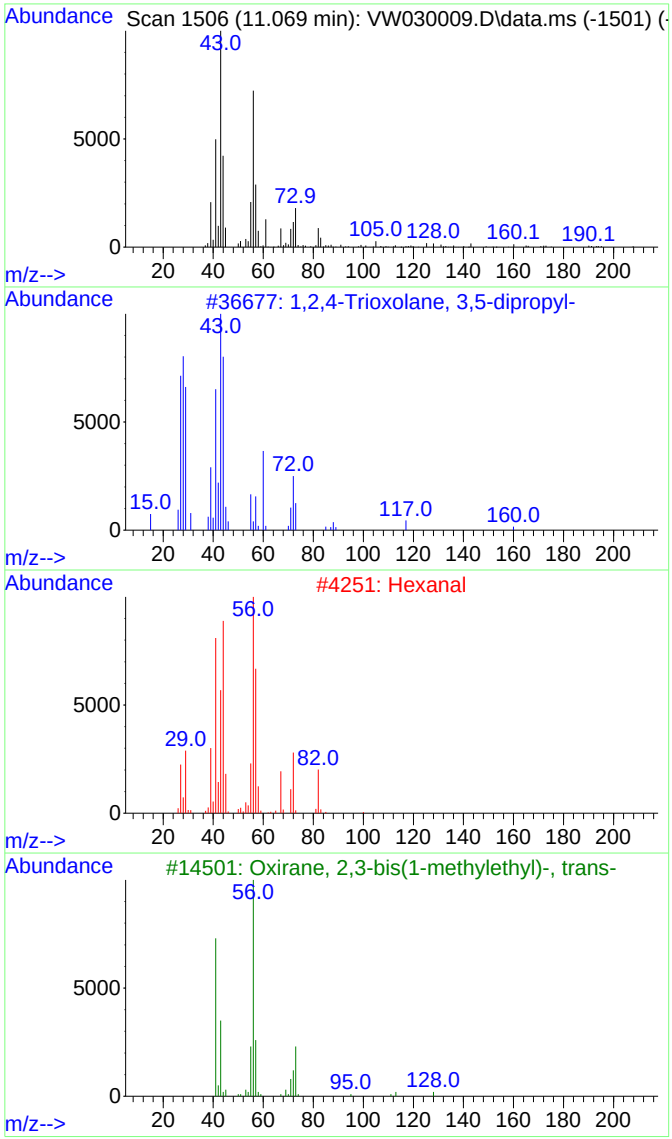
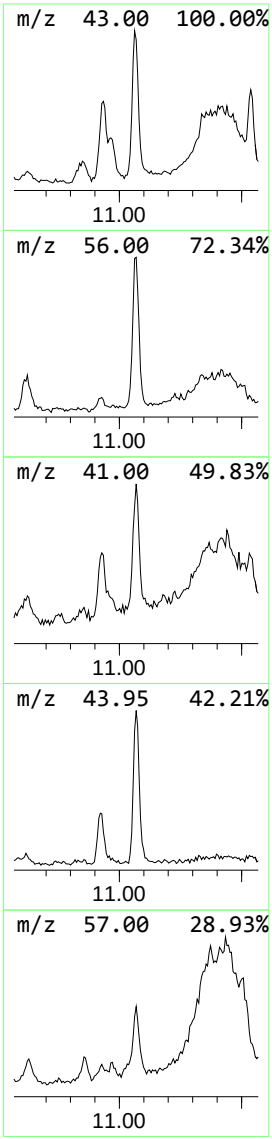
Peak Number 14 unknown-02 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	15.26 ug/L	135071	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trioxolane, 3,5-dipropyl-	160	C8H16O3	001696-03-3	43
2	Hexanal	100	C6H12O	000066-25-1	37
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	30
4	1-Aziridineethanol	87	C4H9NO	001072-52-2	25
5	sec-Butyl acetate	116	C6H12O2	000105-46-4	23





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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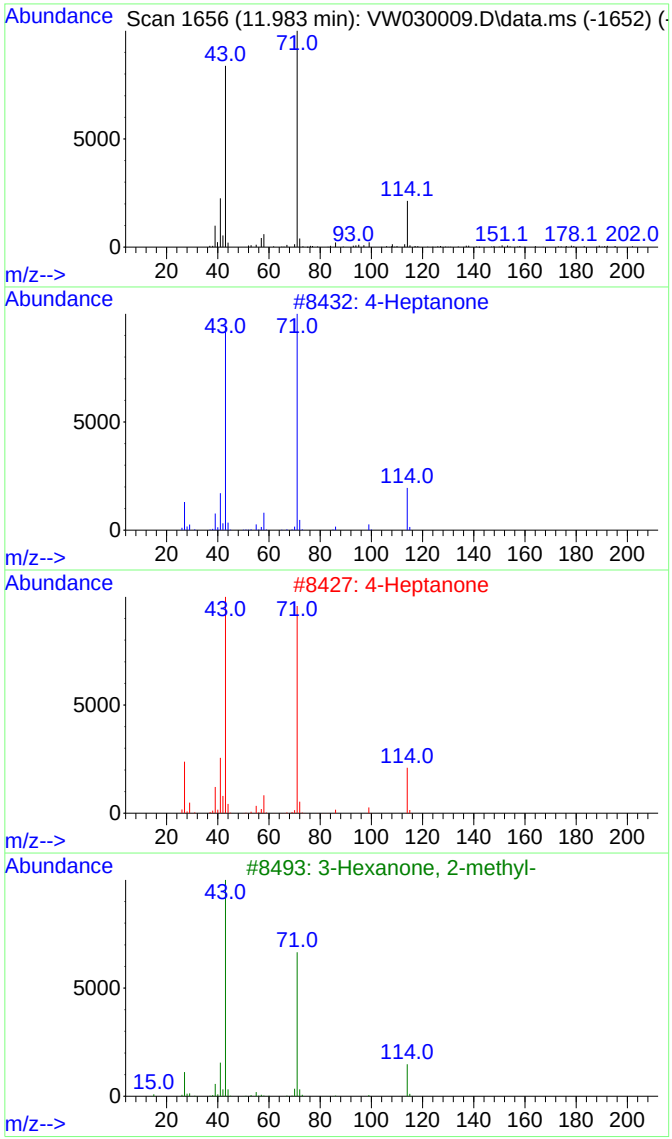
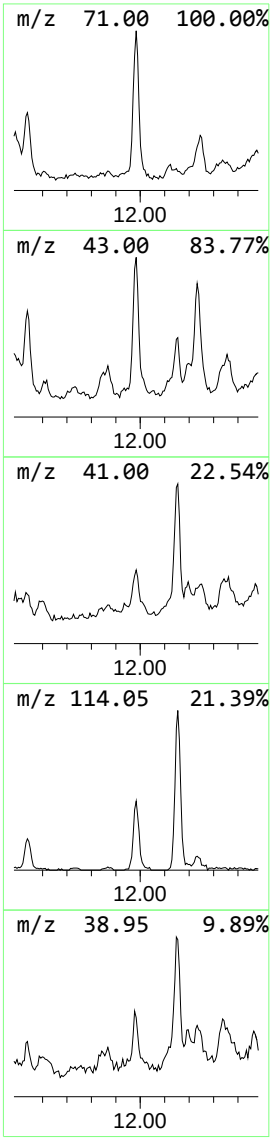
Peak Number 15 4-Heptanone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.983	11.65 ug/L	103139	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	86
2	4-Heptanone	114	C7H14O	000123-19-3	72
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64
4	Pentane, 3-bromo-	150	C5H11Br	001809-10-5	59
5	4-Heptanone	114	C7H14O	000123-19-3	59





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

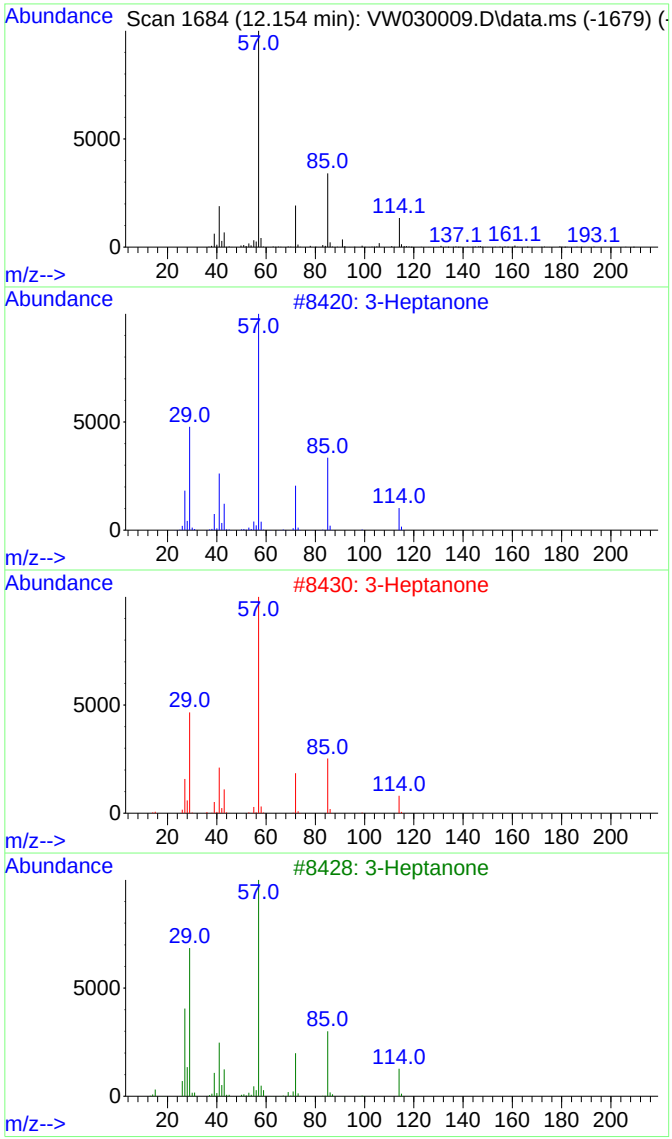
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

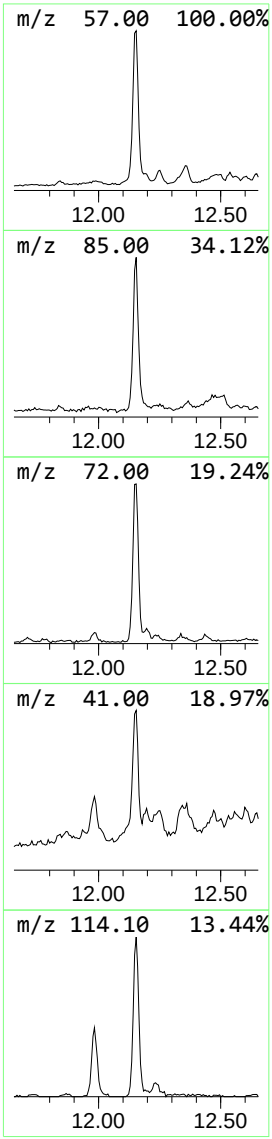
****

Peak Number 16 3-Heptanone Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.154	22.57 ug/L	199790	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	87
2	3-Heptanone	114	C7H14O	000106-35-4	83
3	3-Heptanone	114	C7H14O	000106-35-4	80
4	3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	56
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	53





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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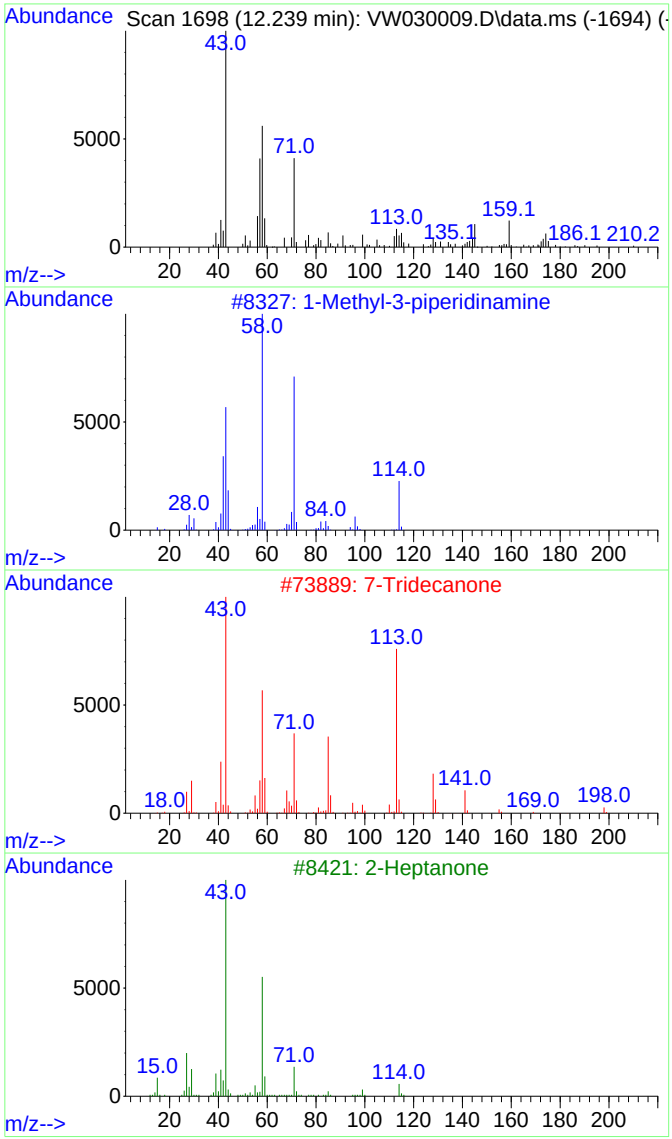
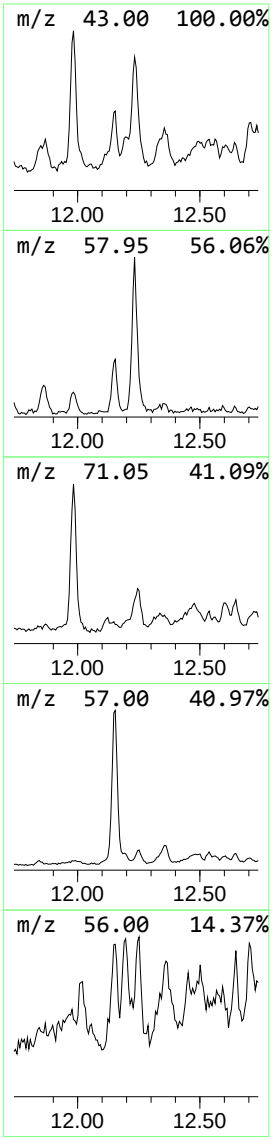
Peak Number 17 1-Methyl-3-piperidinamine Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	10.82 ug/L	95754	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-piperidinamine	114	C6H14N2	042389-57-1	50
2	7-Tridecanone	198	C13H26O	000462-18-0	42
3	2-Heptanone	114	C7H14O	000110-43-0	38
4	2-Heptanone	114	C7H14O	000110-43-0	38
5	2-Octanone	128	C8H16O	000111-13-7	38





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

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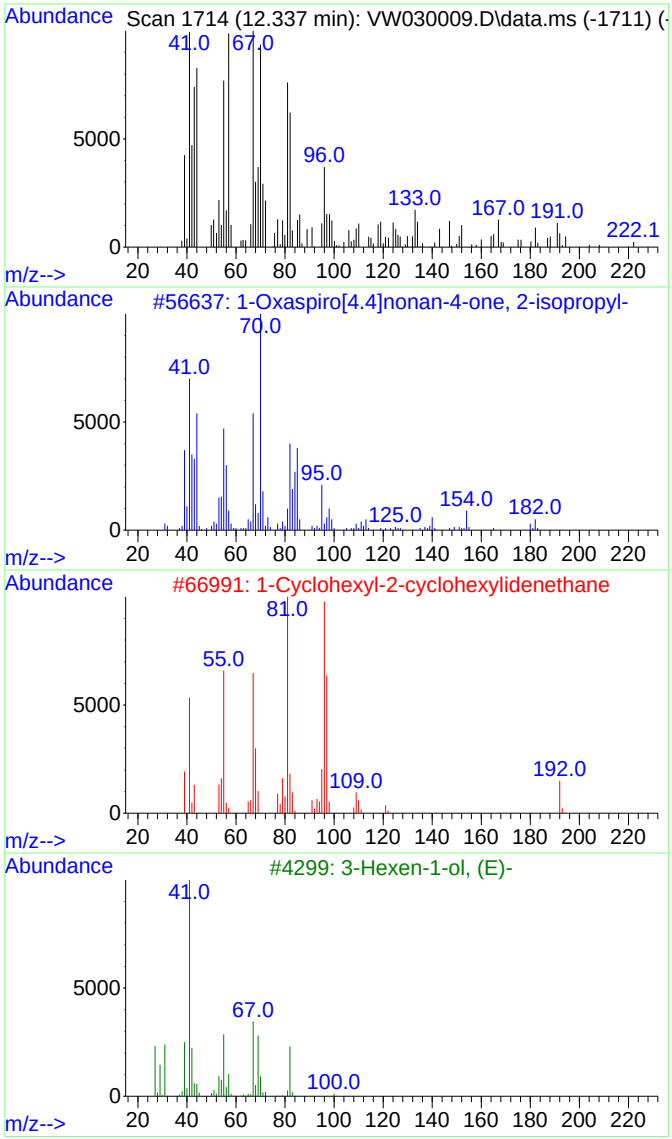
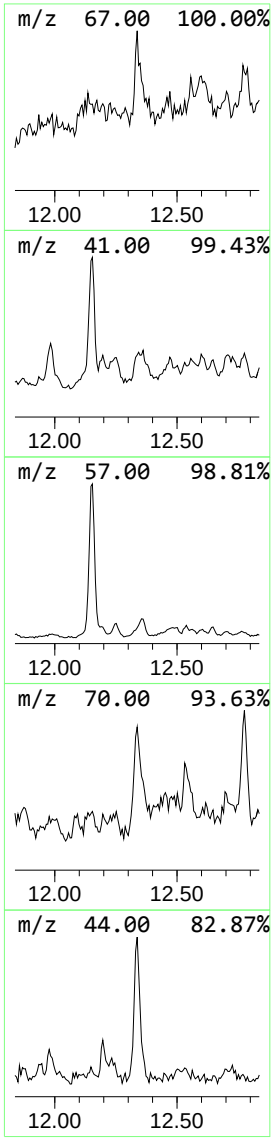
Peak Number 18 unknown-03 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	4.54 ug/L	40152	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Oxaspiro[4.4]nonan-4-one, 2-is...	182	C11H18O2	034003-75-3	45
2	1-Cyclohexyl-2-cyclohexylidenethane	192	C14H24	059986-23-1	42
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	30
4	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	25
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	18





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

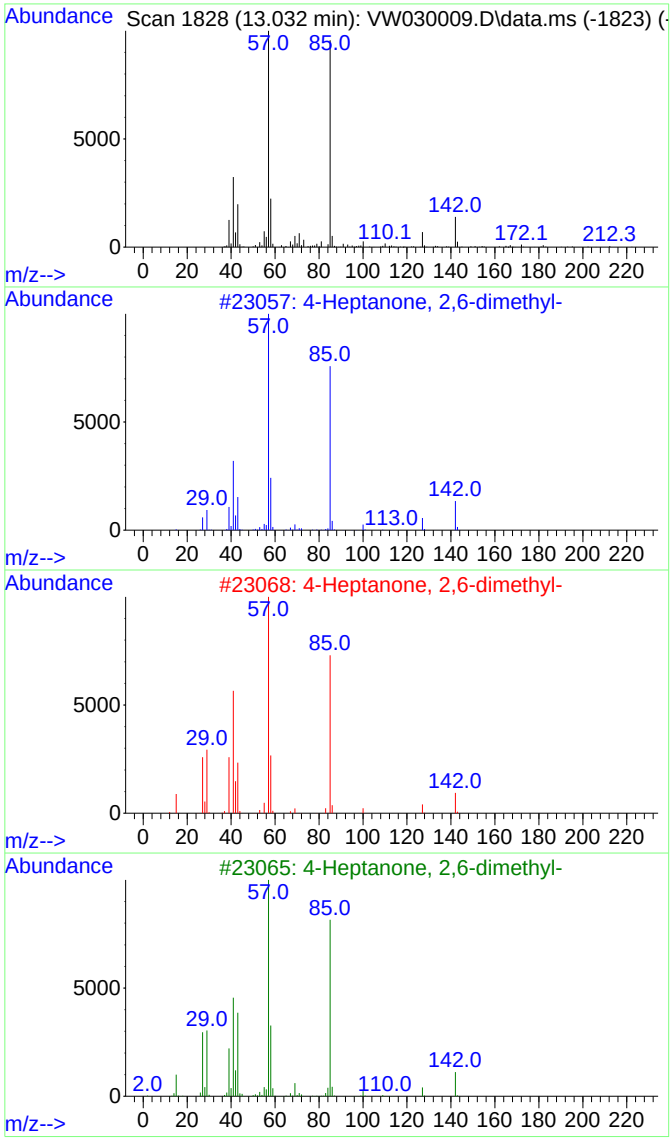
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

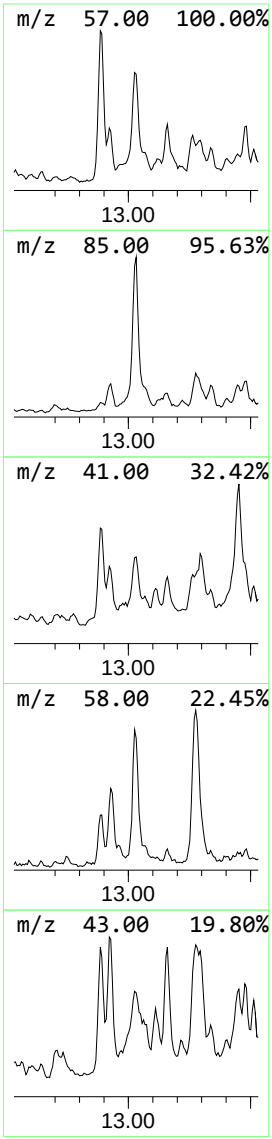
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4-Heptanone, 2,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.032	44.99 ug/L	183834	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	86
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
5	5-Nonanone	142	C9H18O	000502-56-7	59





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

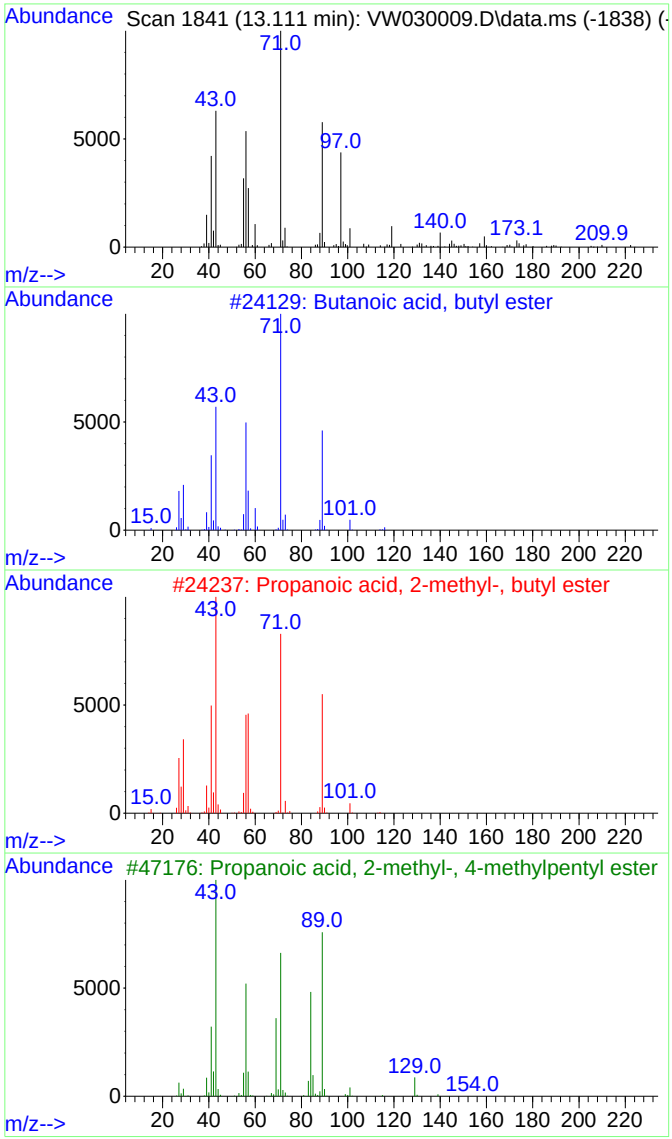
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

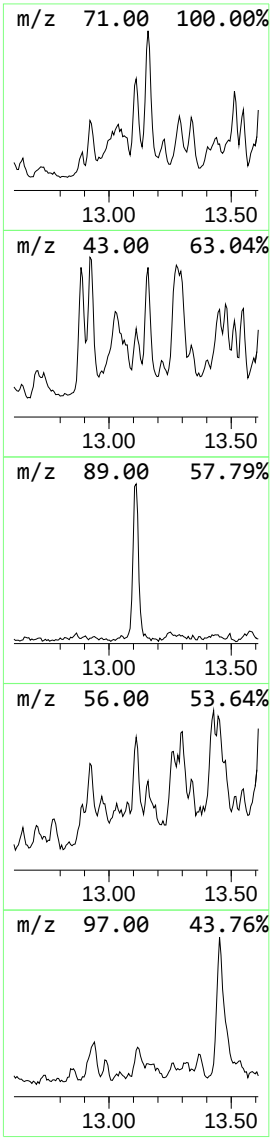
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Butanoic acid, butyl ester Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	18.34 ug/L	74932	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	53
2	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	50
3	Propanoic acid, 2-methyl-, 4-met...	172	C10H20O2	035852-44-9	50
4	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	43
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

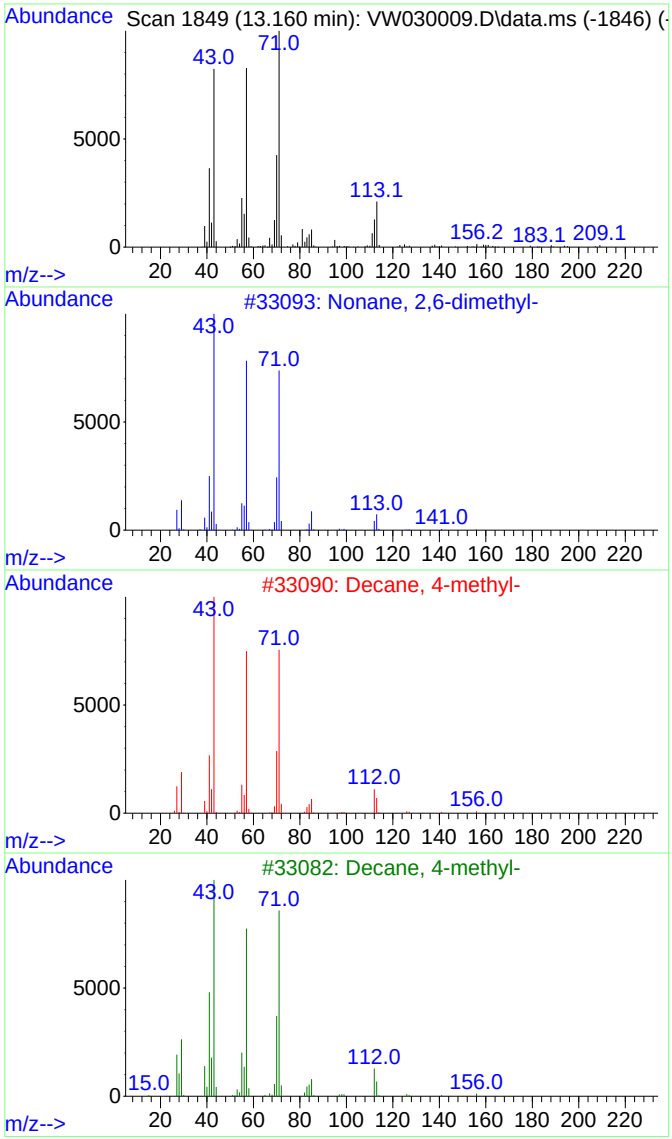
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

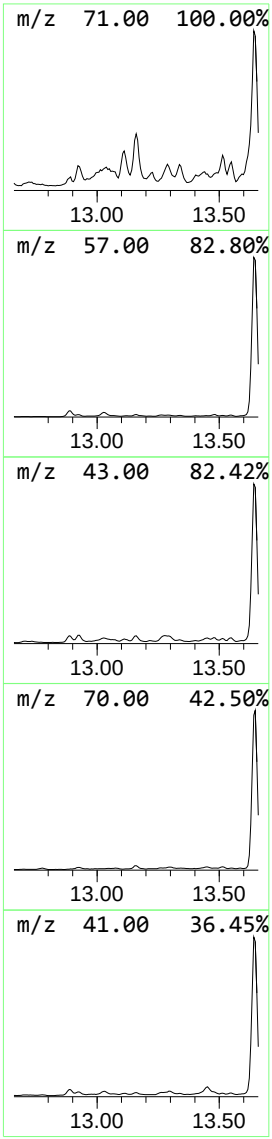
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	38.79 ug/L	158481	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	90
3	Decane, 4-methyl-	156	C11H24	002847-72-5	87
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

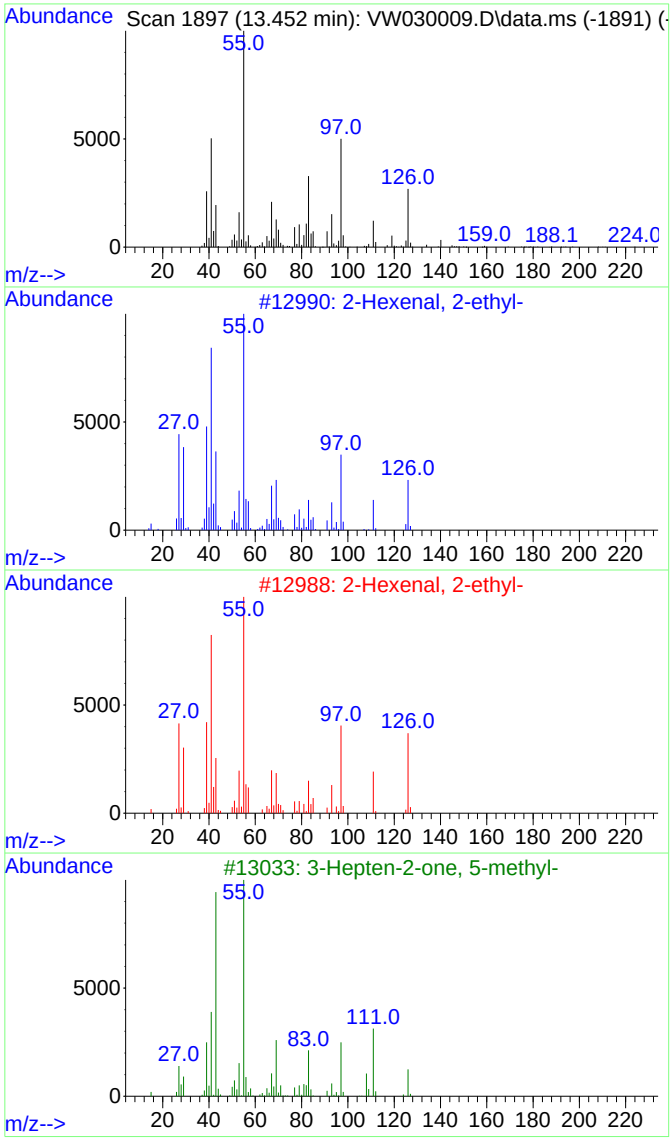
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

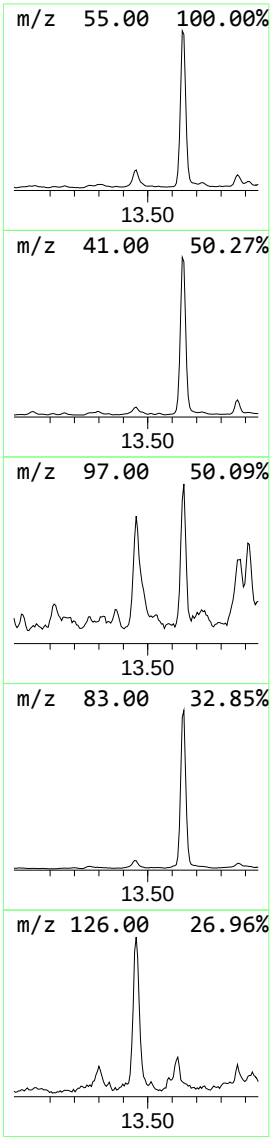
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Hexenal, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	143.01 ug/L	584337	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	68
2	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	64
3	3-Hepten-2-one, 5-methyl-	126	C8H14O	005090-16-4	53
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	47
5	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

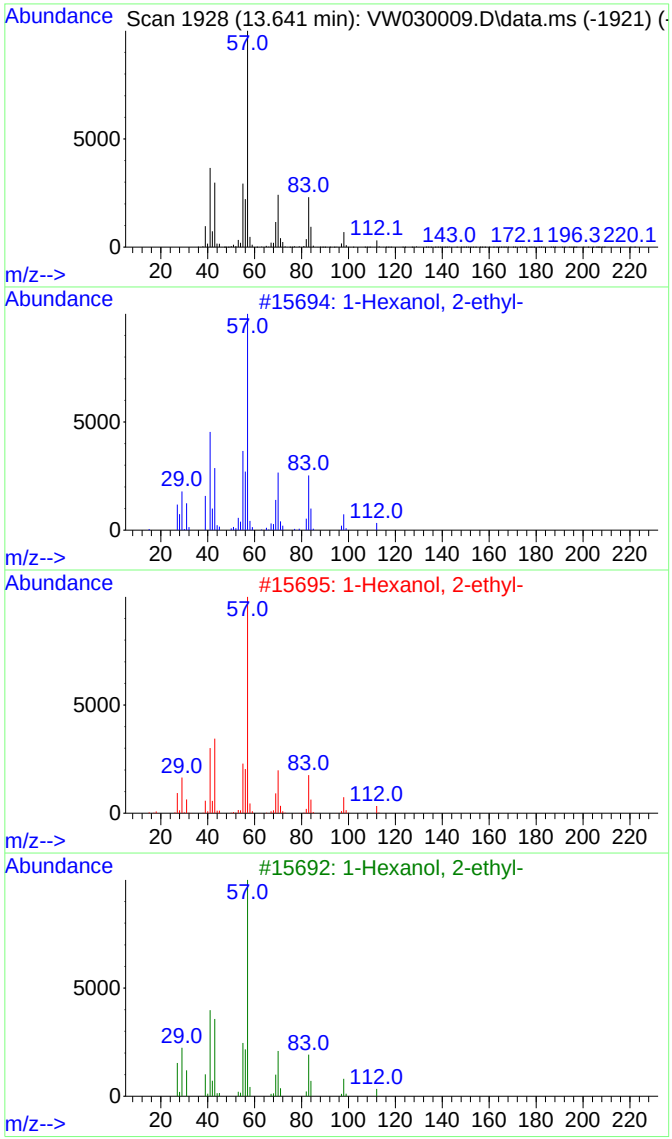
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

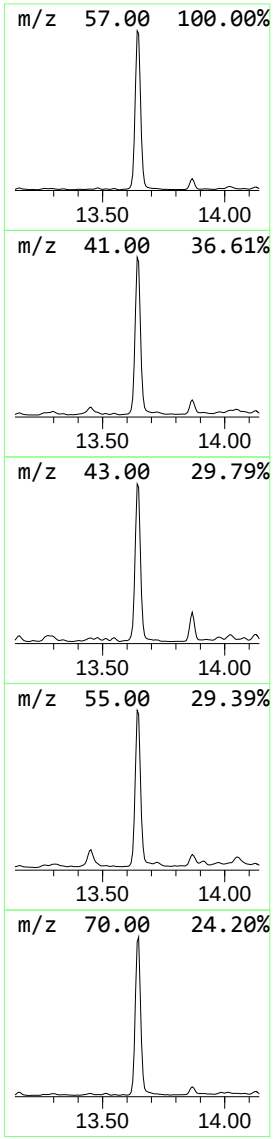
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	1975.92 ug/L	8073380	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

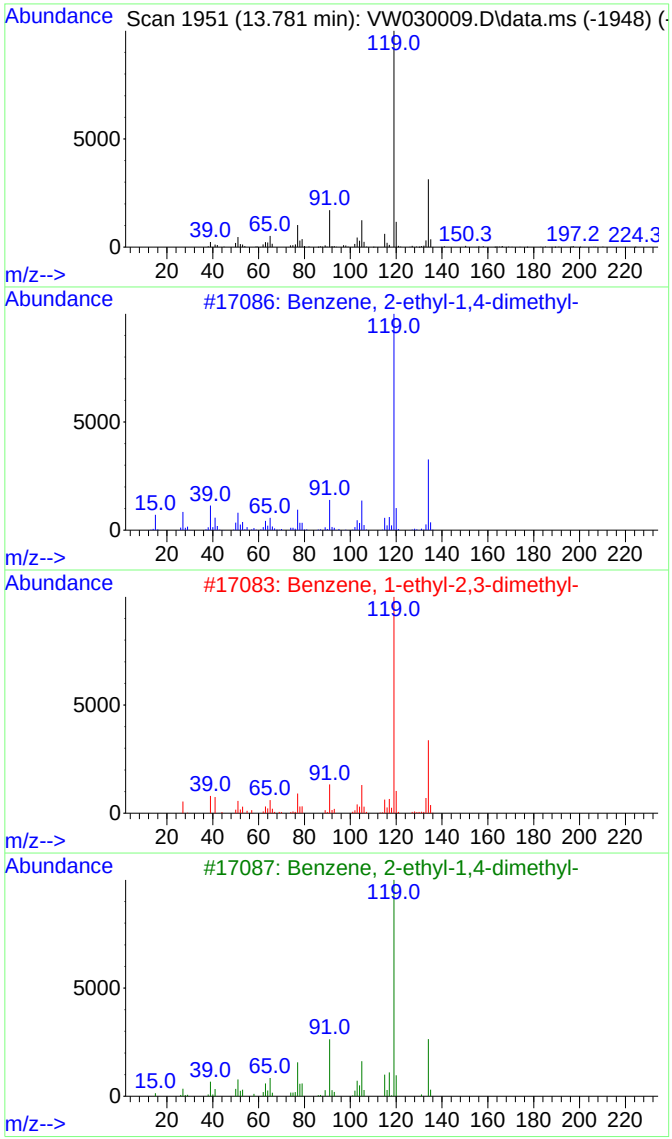
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

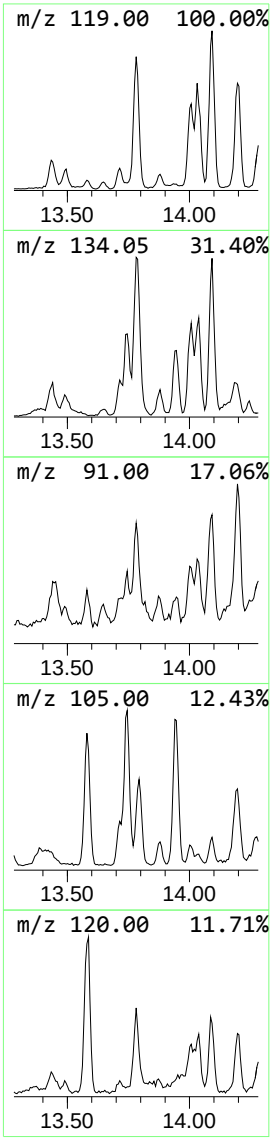
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	37.29 ug/L	152353	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

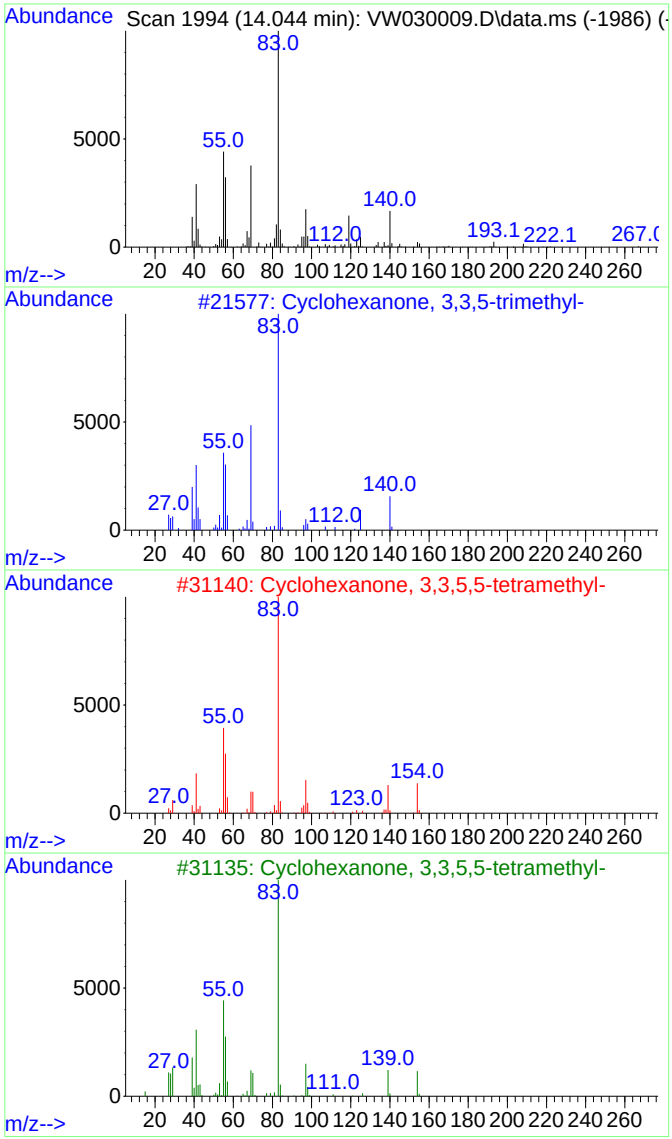
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

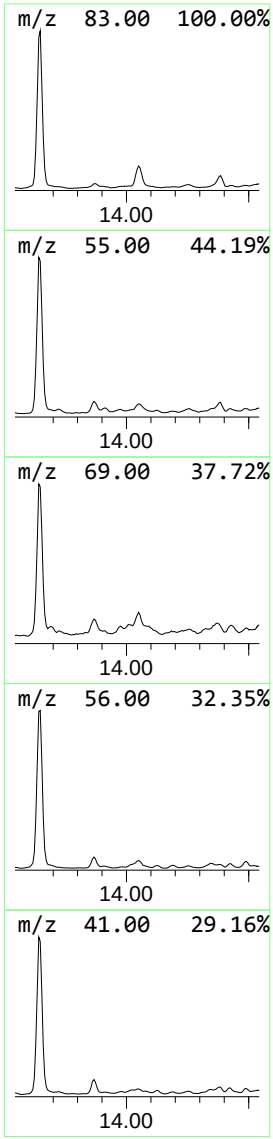
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Cyclohexanone, 3,3,5-trimet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.044	105.77 ug/L	432145	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	74
2	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	64
3	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	59
4	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	52
5	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

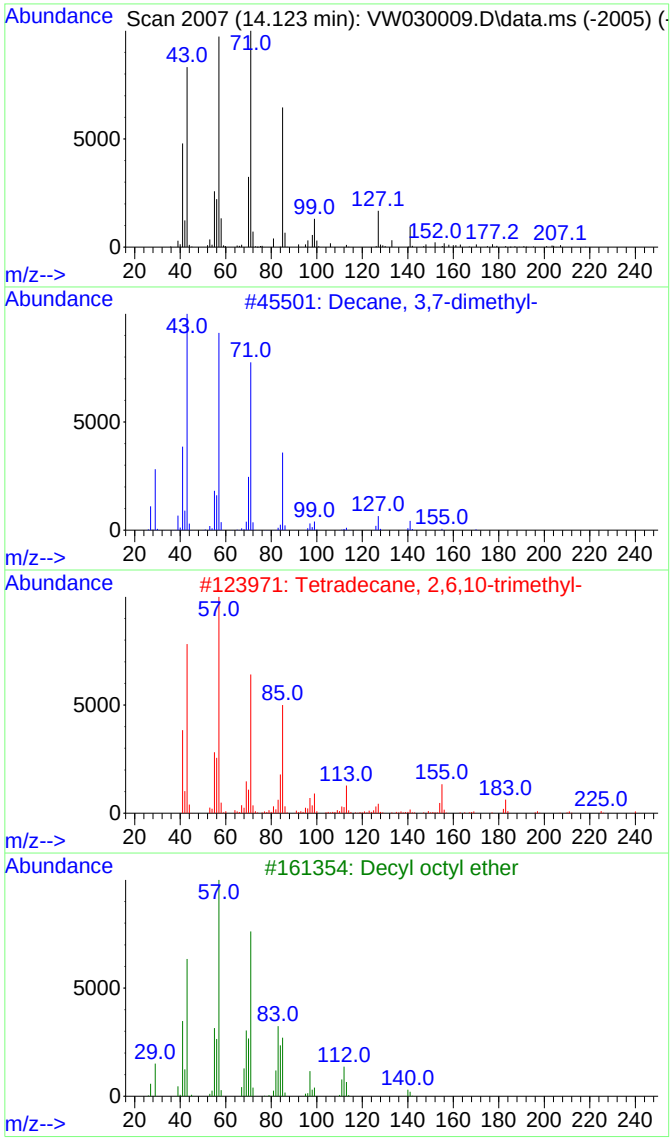
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

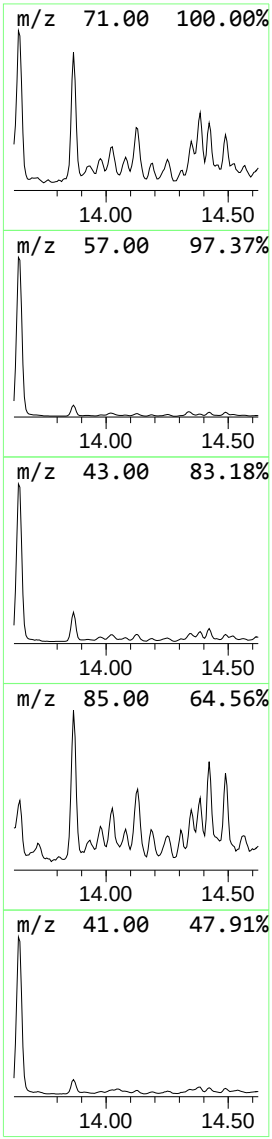
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	41.85 ug/L	170998	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
3	Decyl octyl ether	270	C18H38O	1000406-38-3	59
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

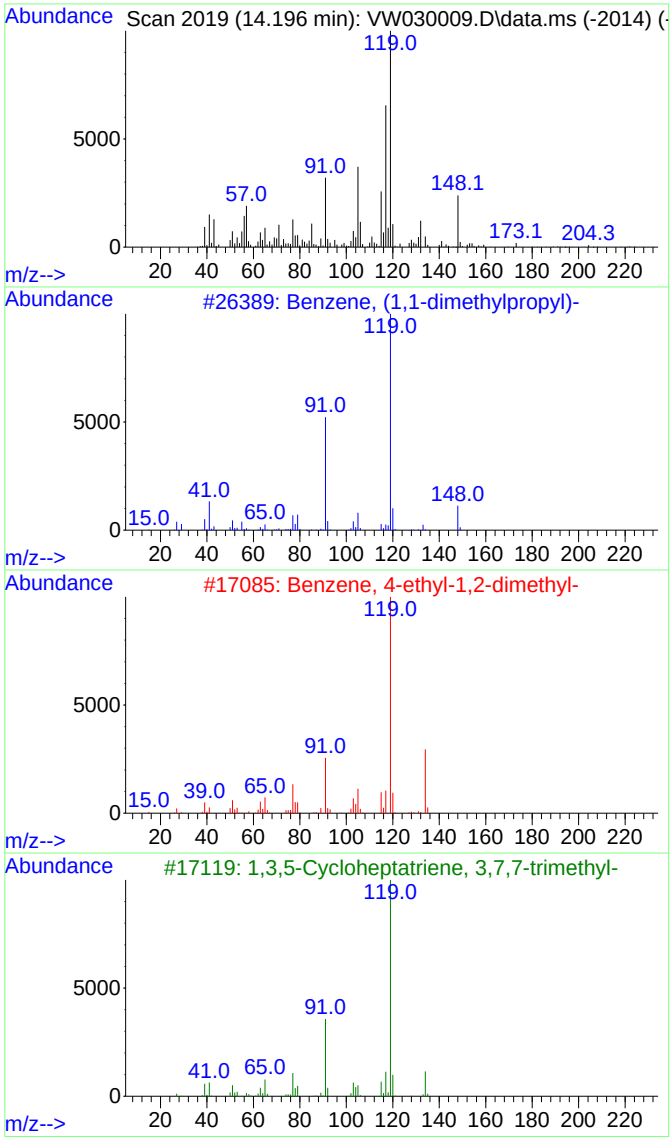
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

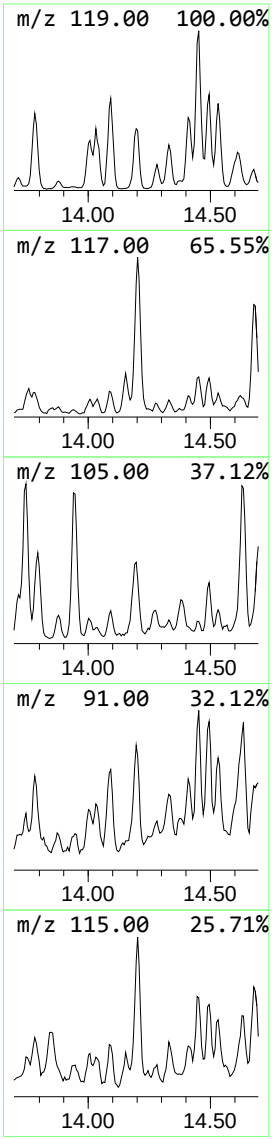
****

Peak Number 27 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	97.28 ug/L	397490	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	43
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	43
5	o-Cymene	134	C10H14	000527-84-4	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

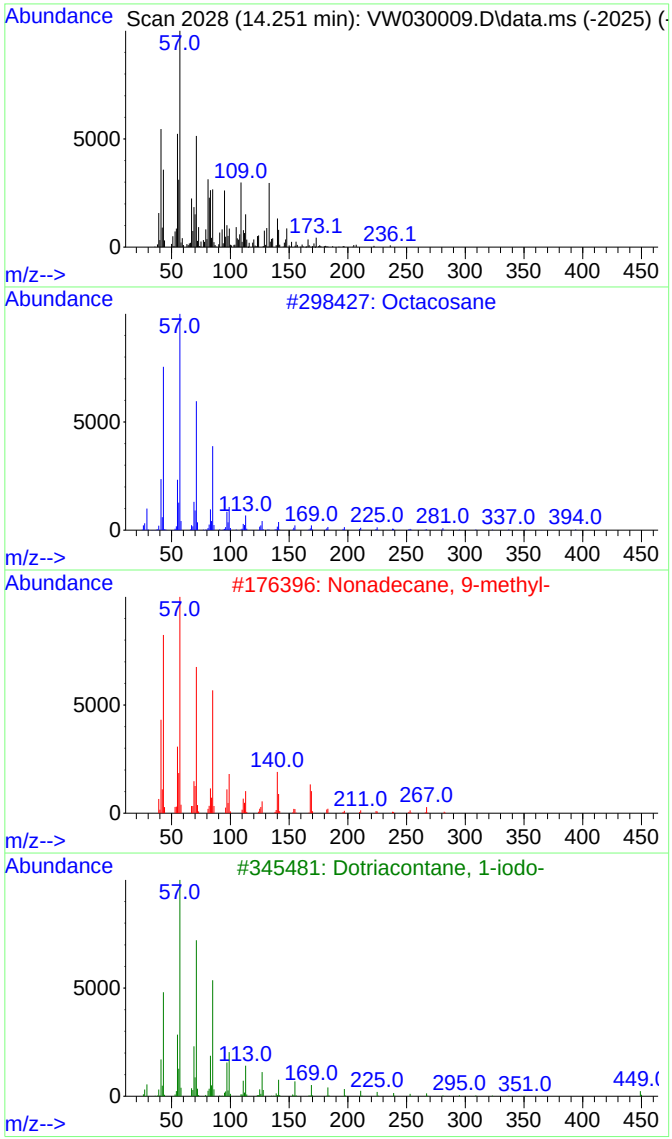
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

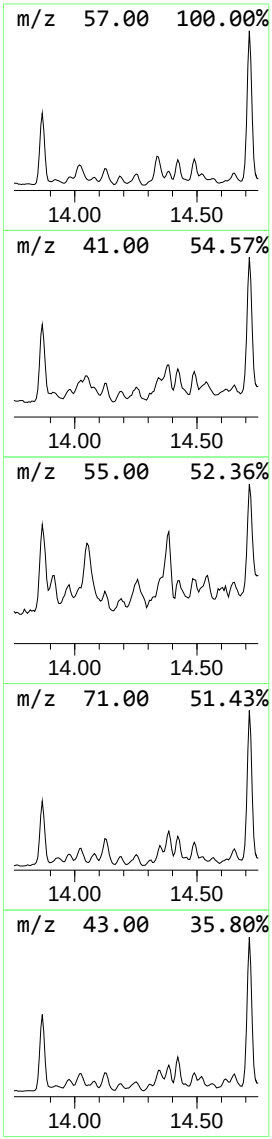
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	57.10 ug/L	233296	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	35
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	35
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	35
4	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	30
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

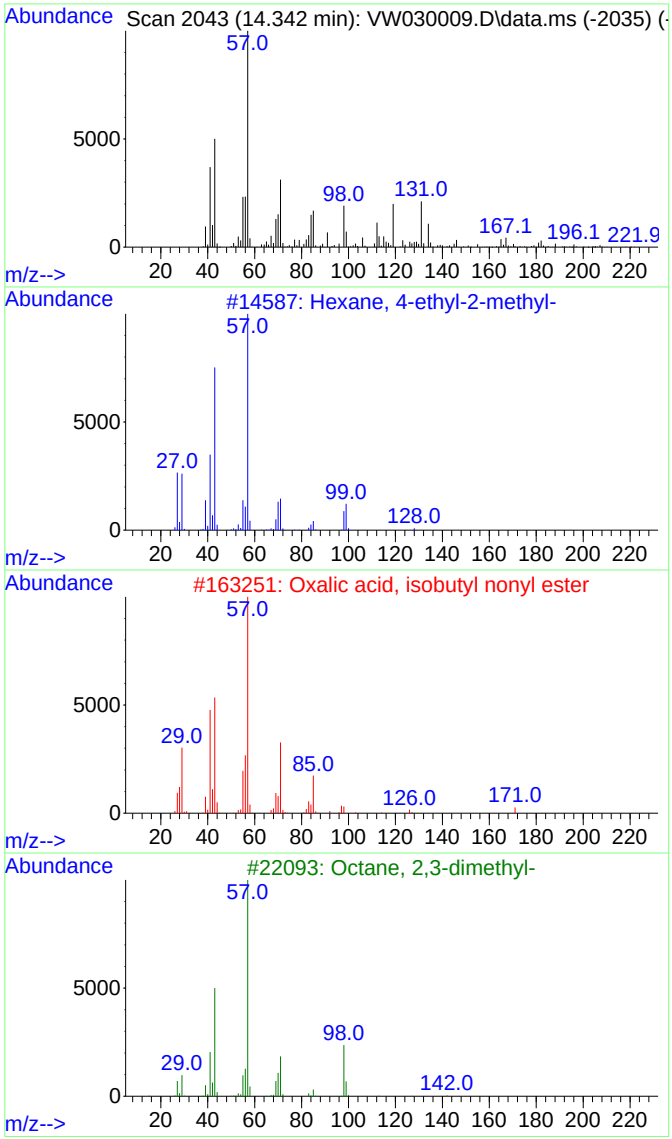
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

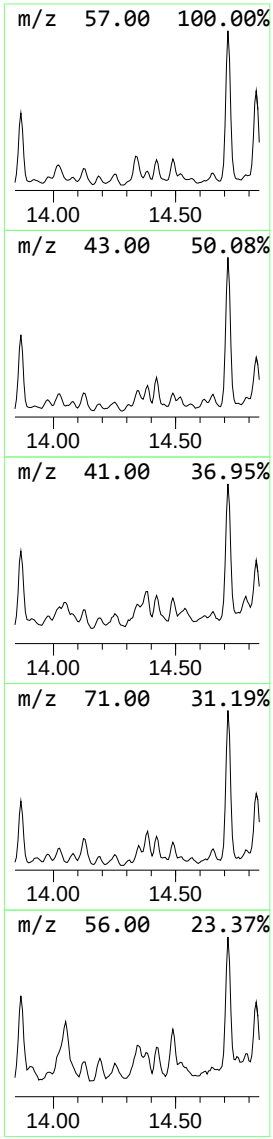
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	131.01 ug/L	535302	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	38
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	30
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	30
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

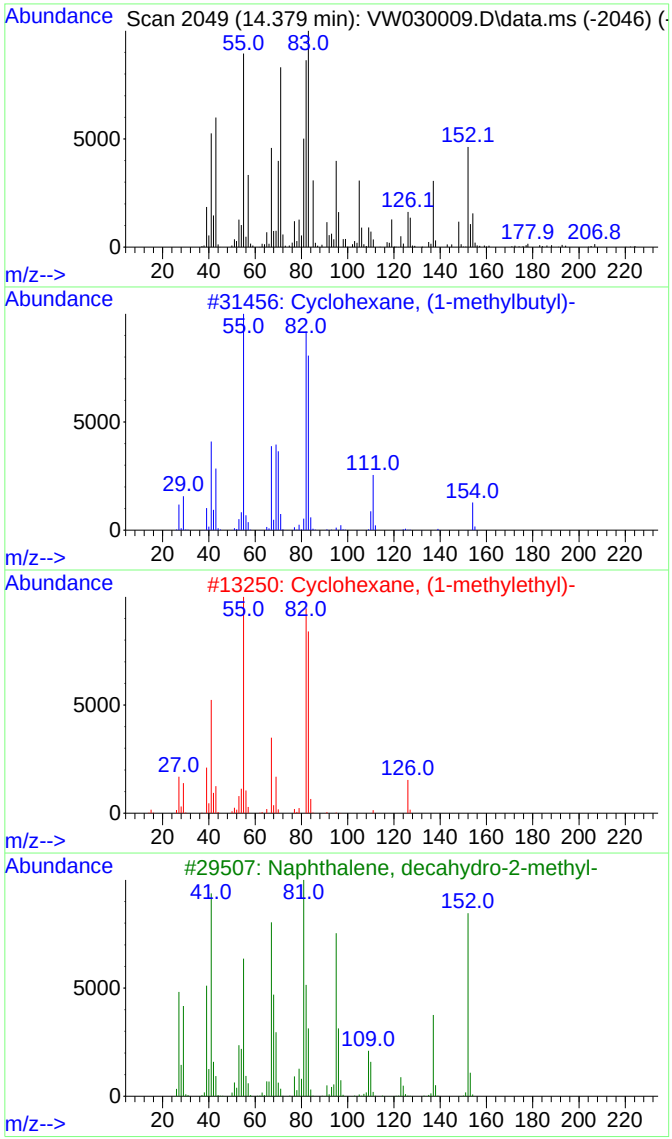
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

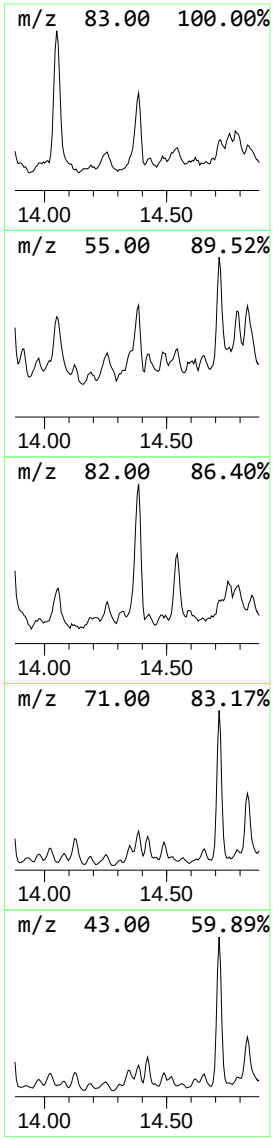
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic14.379 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	139.17 ug/L	568644	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	41
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
4	3,7-Octadiene-2,6-diol, 2,6-dime...	170	C10H18O2	013741-21-4	35
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

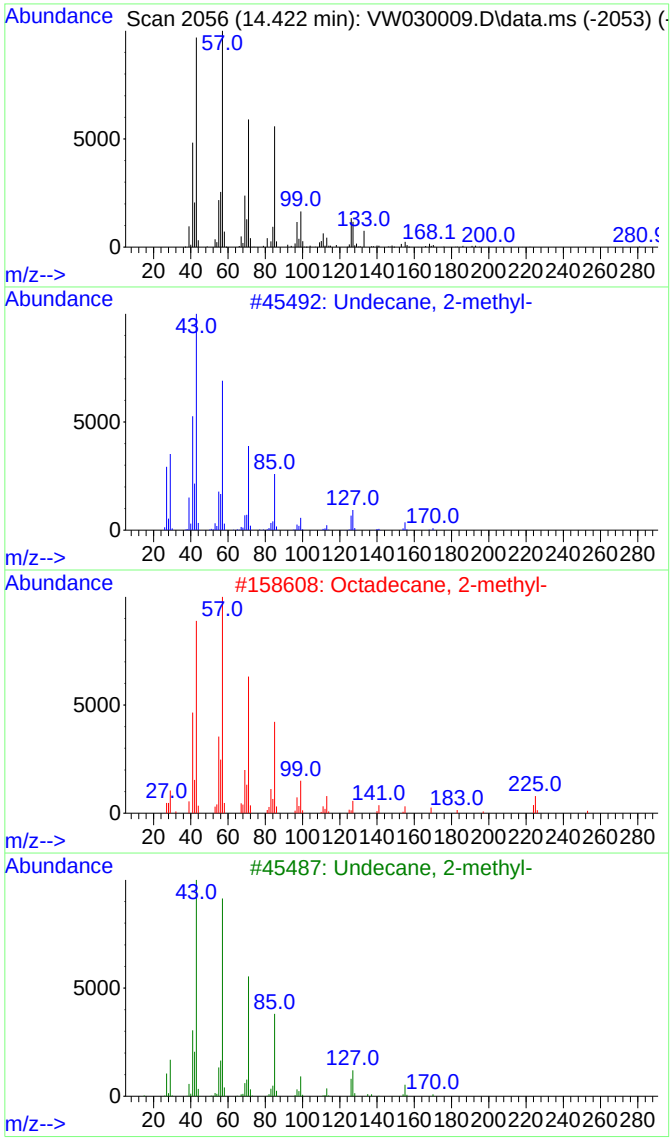
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

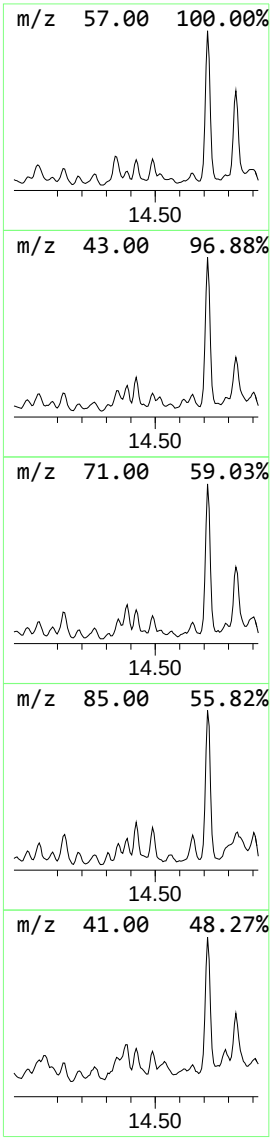
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	91.55 ug/L	374067	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	76
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	74
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

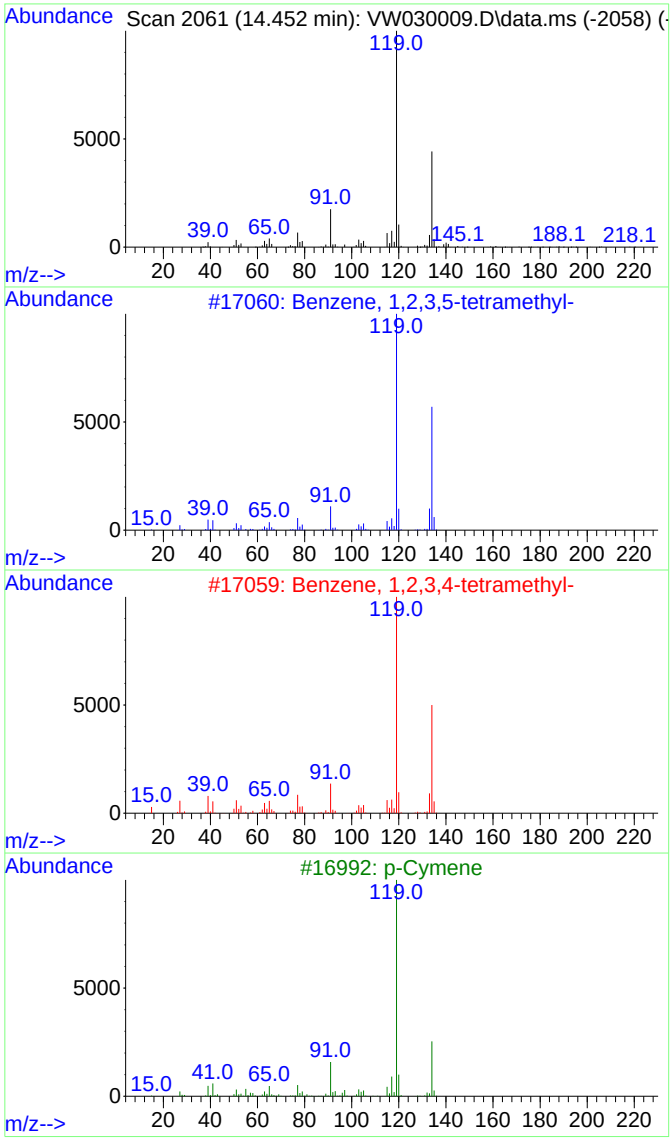
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

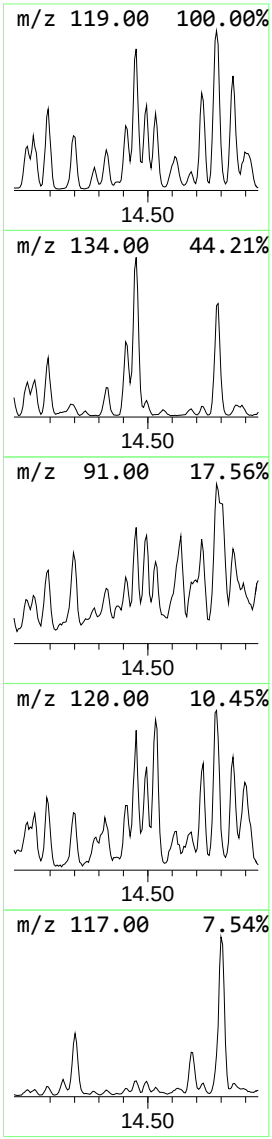
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	83.80 ug/L	342408	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

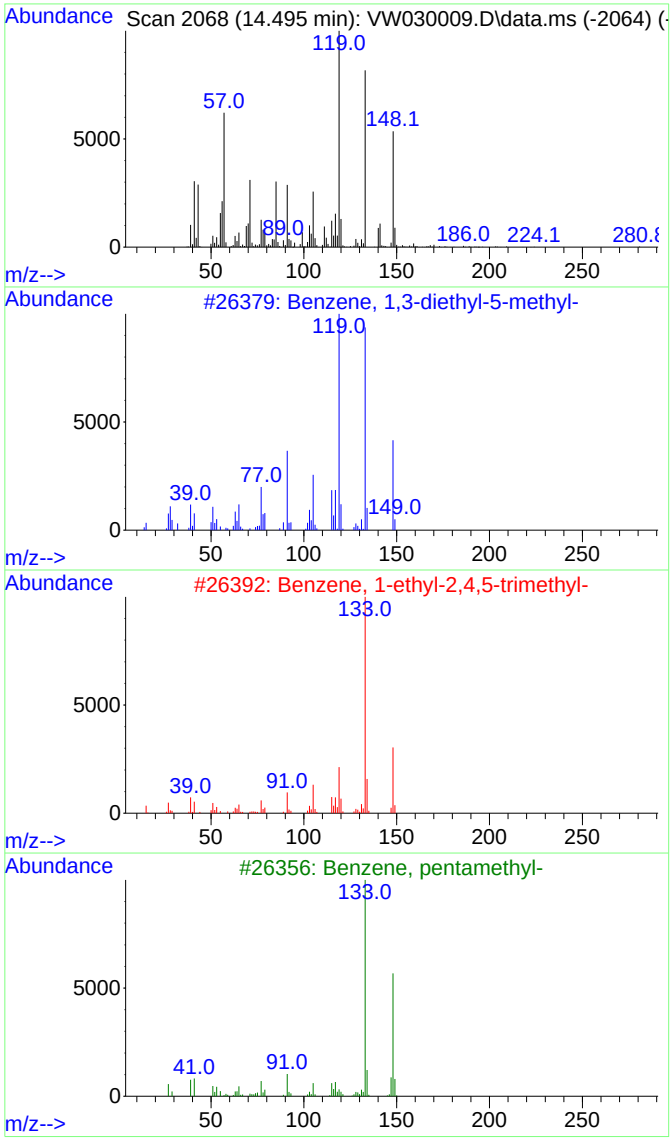
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

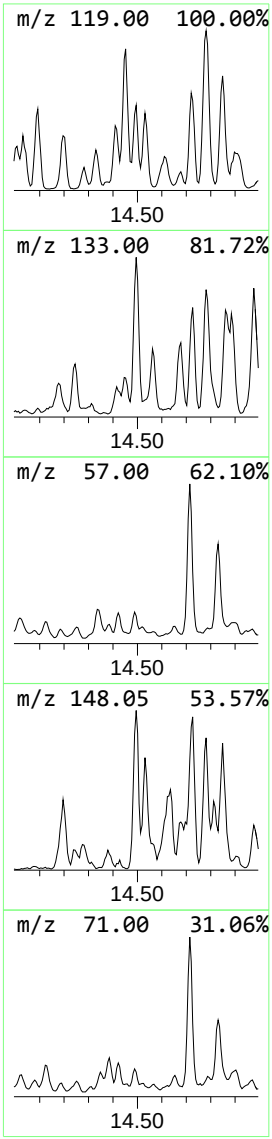
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	124.32 ug/L	507948	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	80
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	43
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	38





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

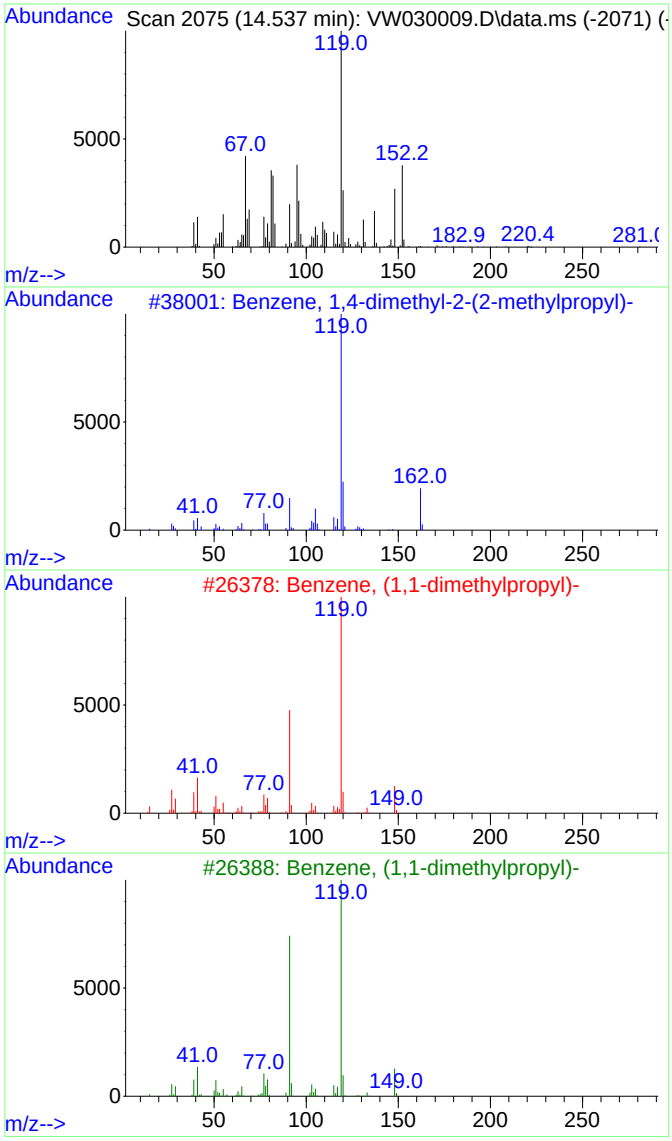
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

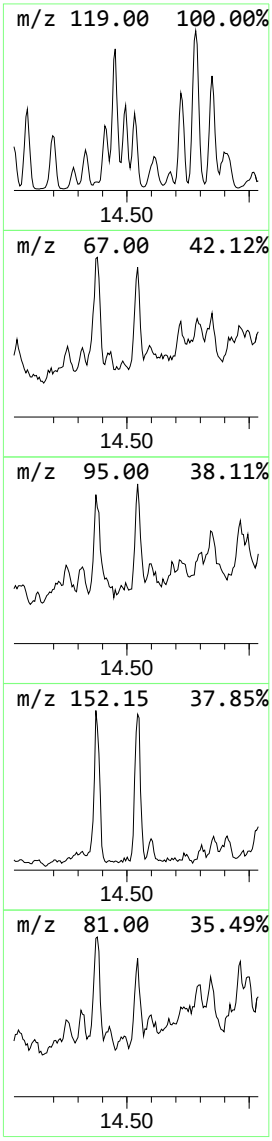
****

Peak Number 34 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	112.51 ug/L	459708	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	38
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	25
5	p-Toluic acid, 6-ethyl-3-octyl e...	276	C18H28O2	1000293-34-2	22





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

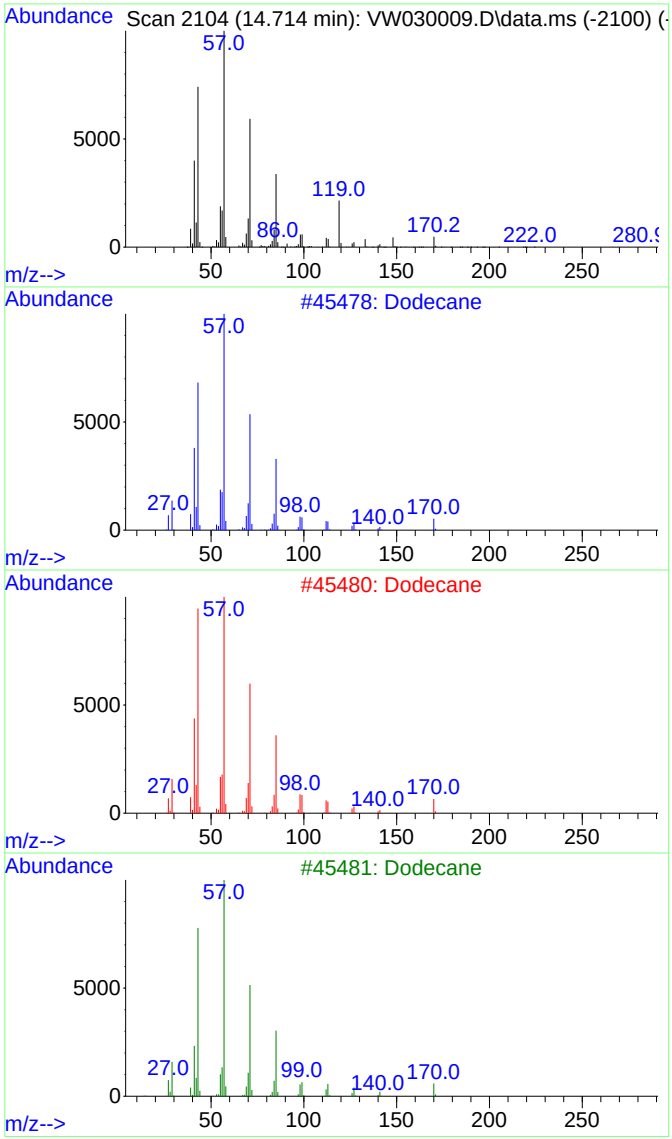
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

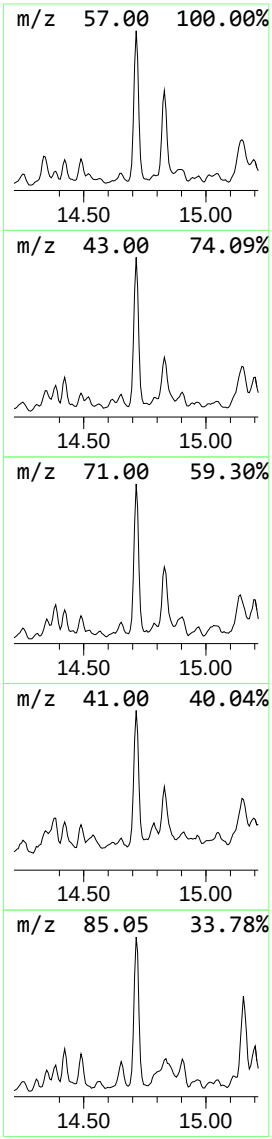
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	359.84 ug/L	1470270	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	95
3	Dodecane	170	C12H26	000112-40-3	62
4	Pentadecane	212	C15H32	000629-62-9	58
5	Tridecane	184	C13H28	000629-50-5	58





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

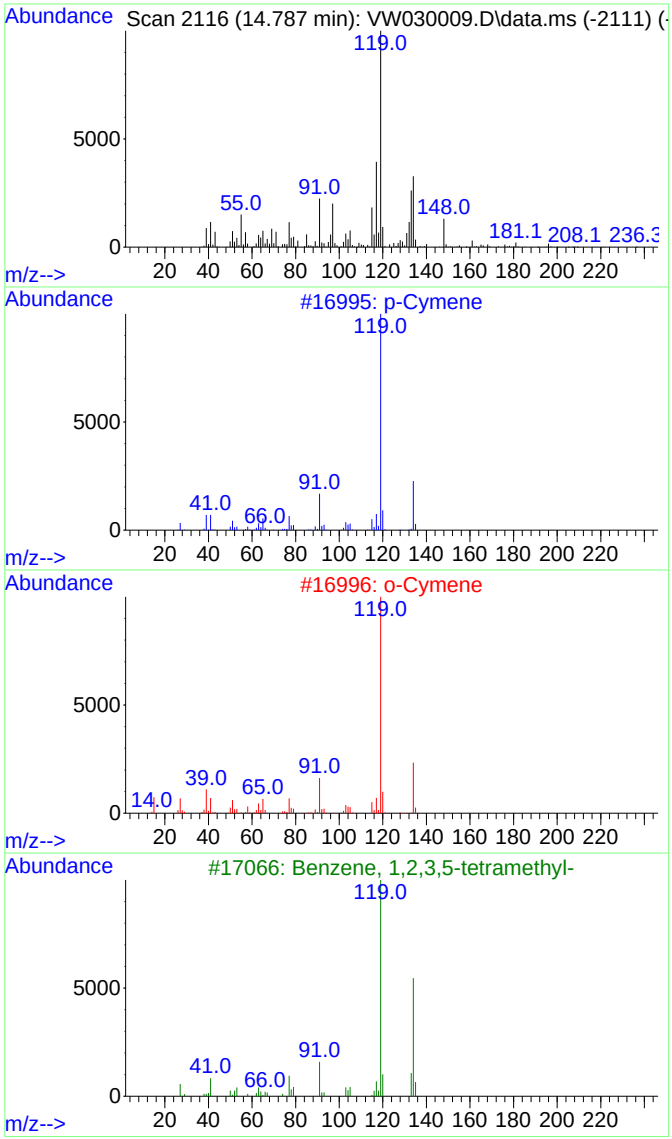
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

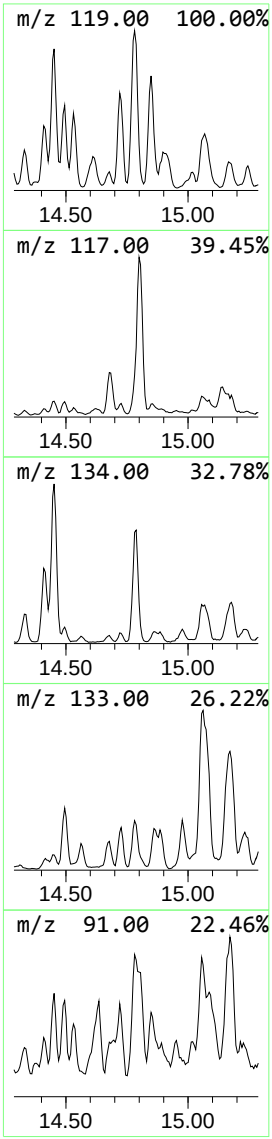
****

Peak Number 36 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	259.62 ug/L	1060780	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	55
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	o-Cymene	134	C10H14	000527-84-4	55





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

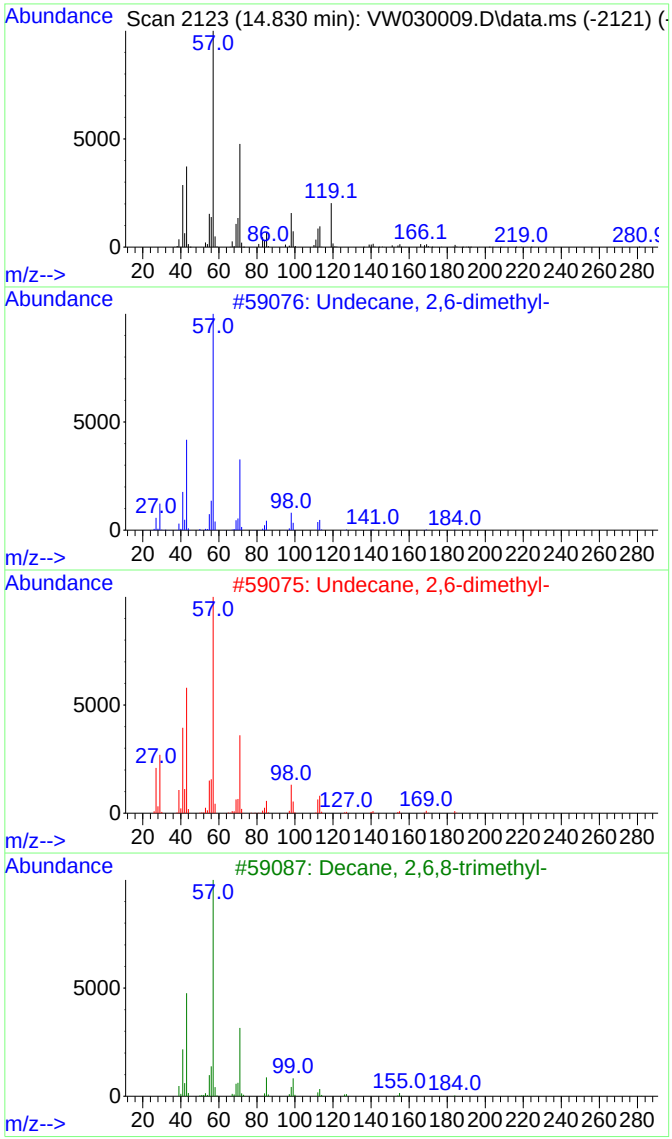
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

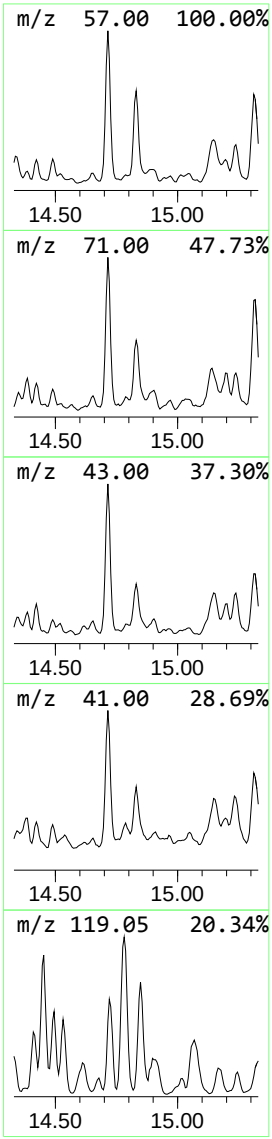
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	183.55 ug/L	749979	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

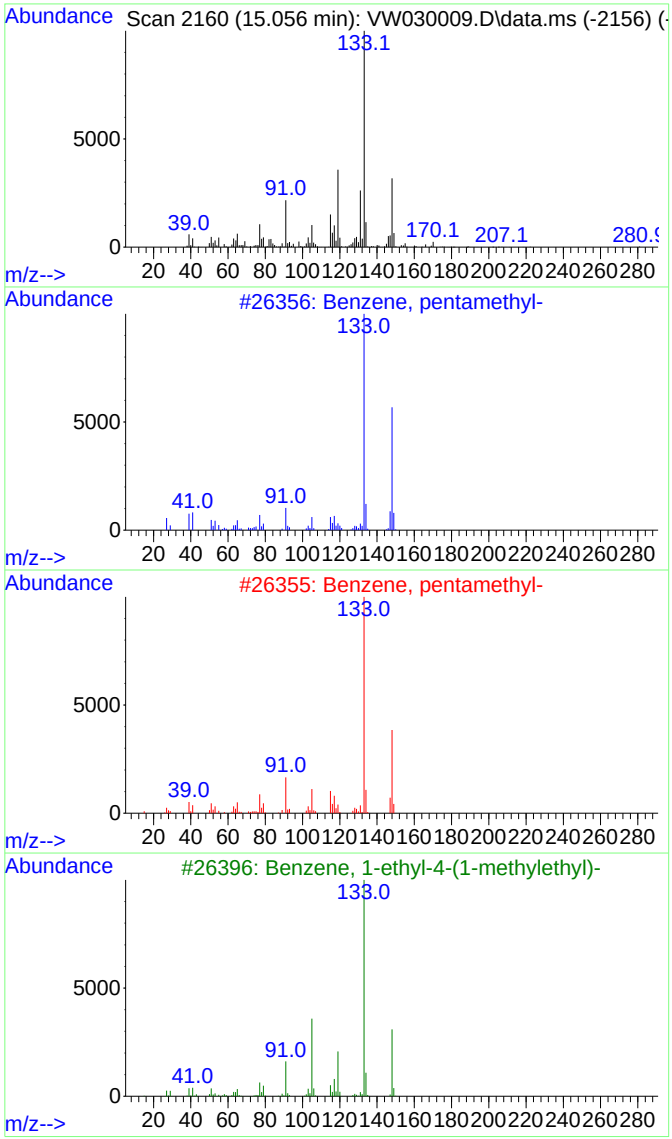
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

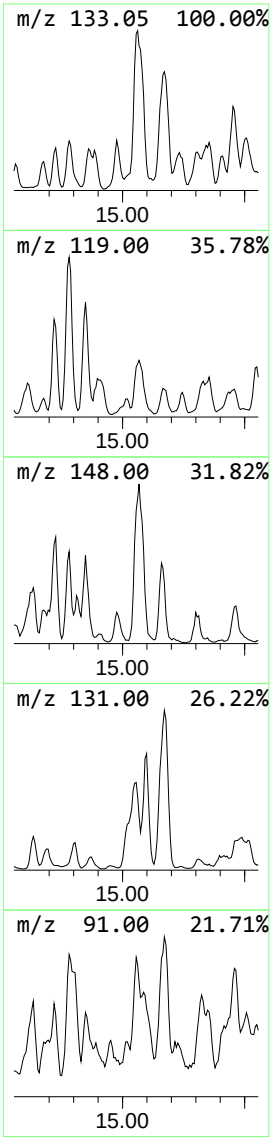
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, pentamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	200.60 ug/L	819647	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	74
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

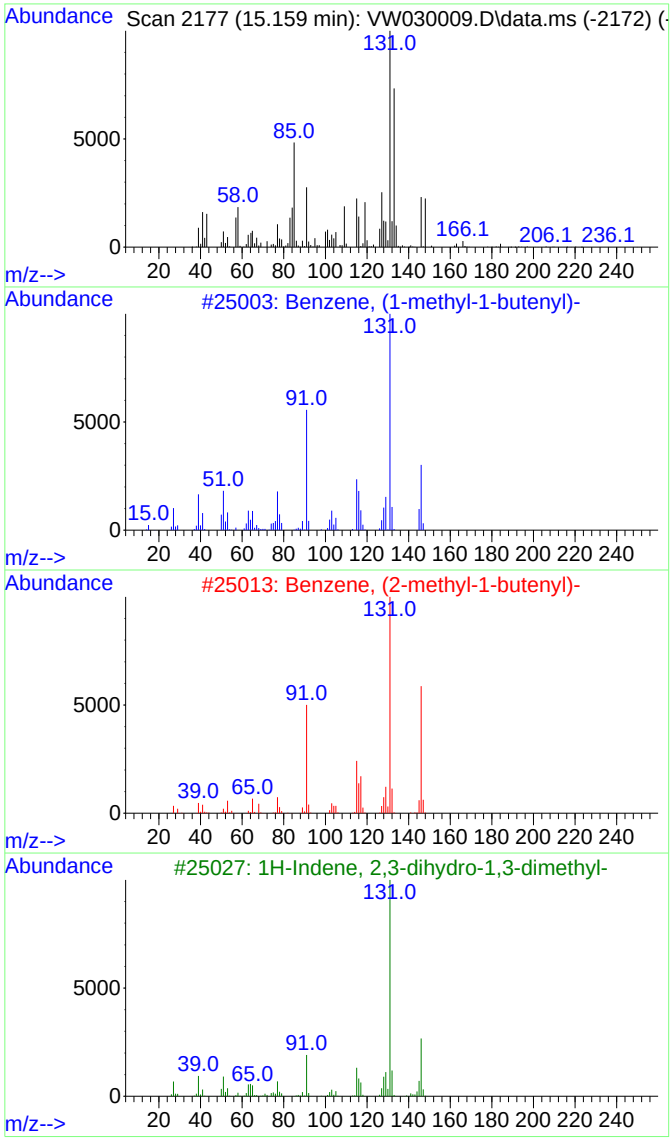
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

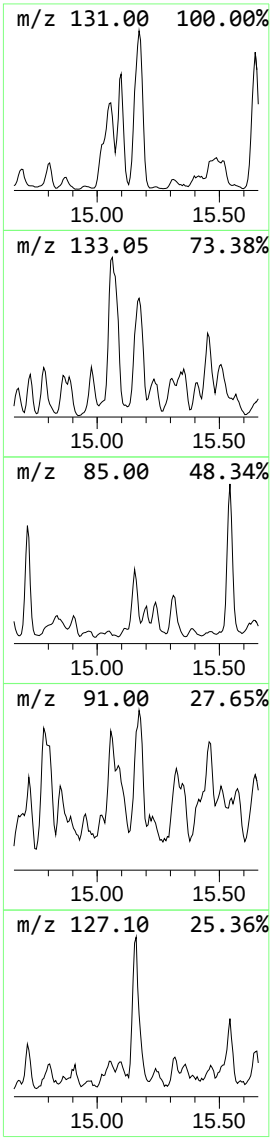
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, (1-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.159	412.39 ug/L	1684990	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	38
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

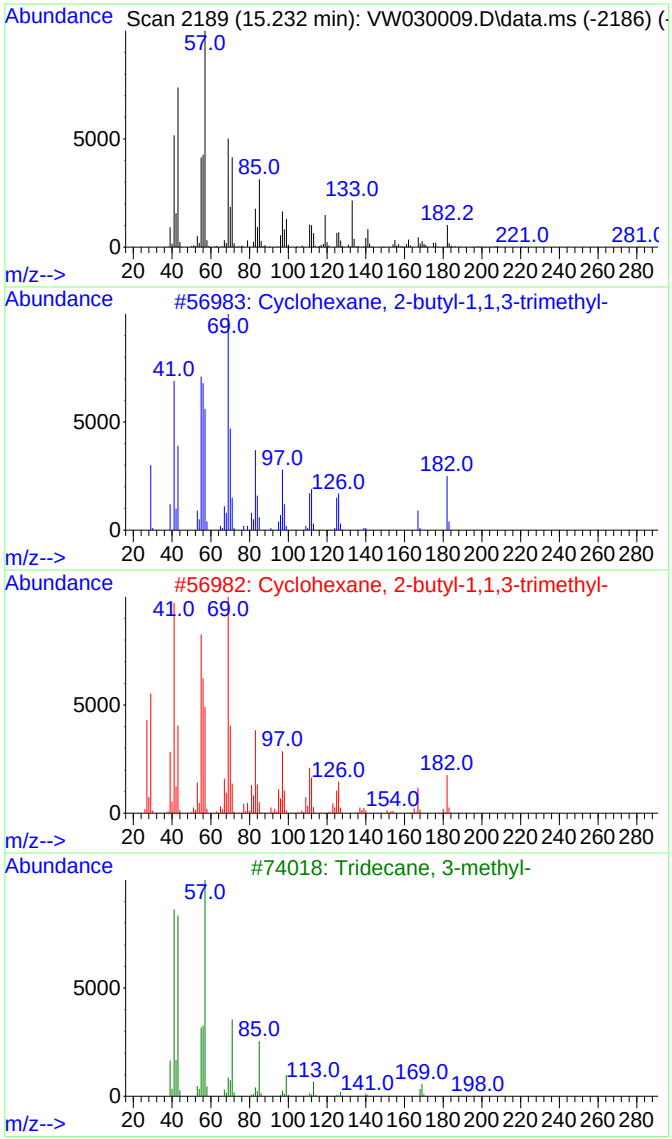
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

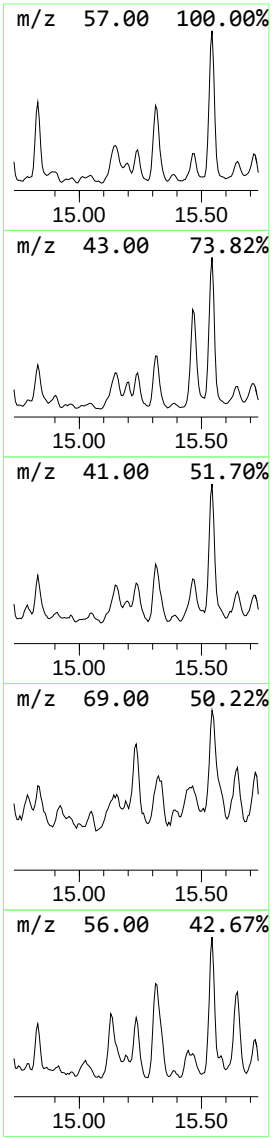
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic15.232 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.232	209.24 ug/L	854944	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	60
4	Carbonic acid, di(decyl) ester	342	C21H42O3	1000383-15-9	52
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

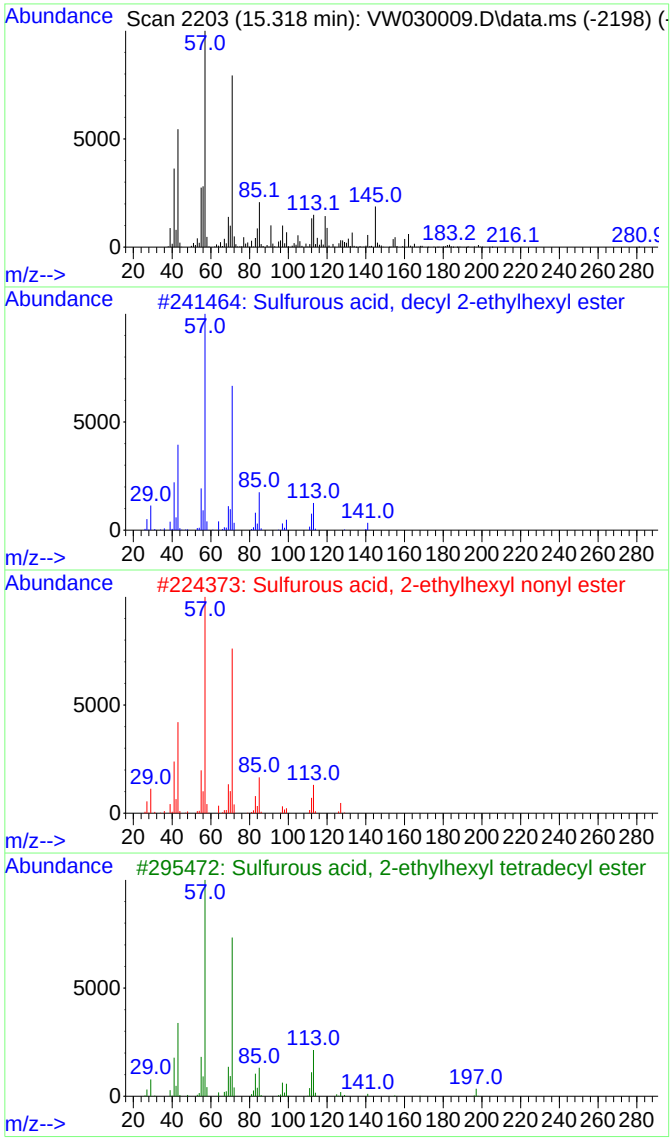
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

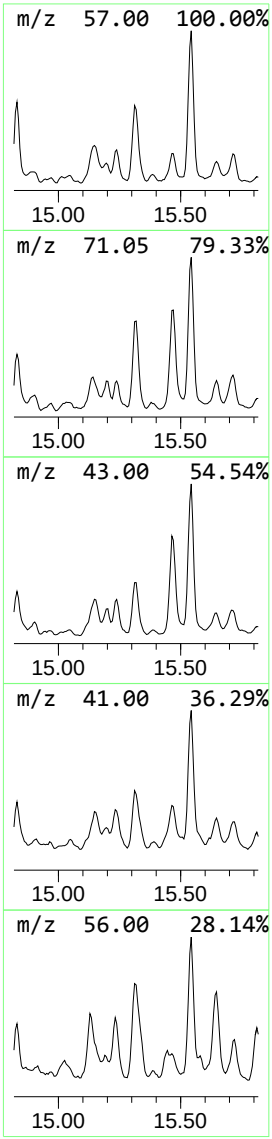
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Sulfurous acid, decyl 2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	411.90 ug/L	1682990	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58





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Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

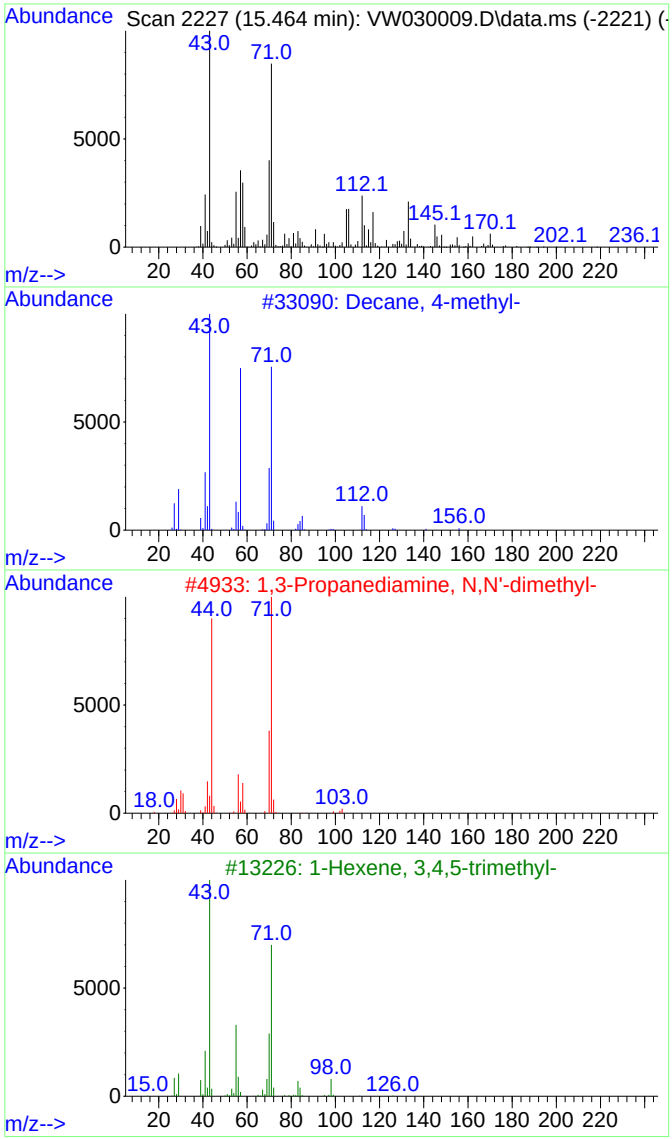
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

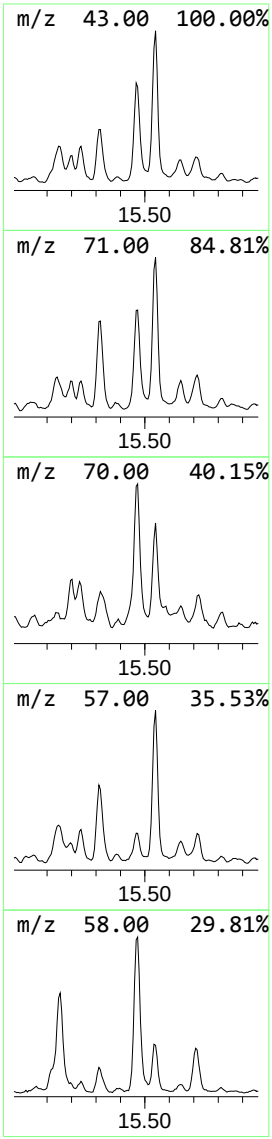
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.464	396.84 ug/L	1621450	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	50
2	1,3-Propanediamine, N,N'-dimethyl-	102	C5H14N2	000111-33-1	47
3	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
4	2,2-Dimethyl-N-tert-butylaziridi...	170	C9H18N2O	1000306-11-4	43
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

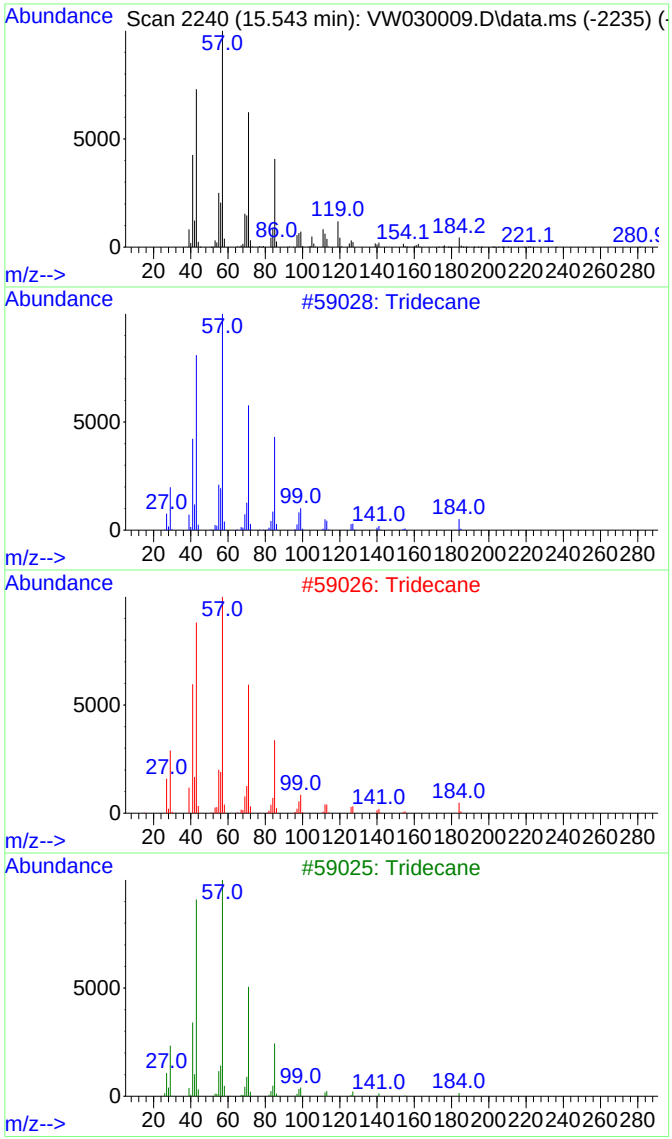
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

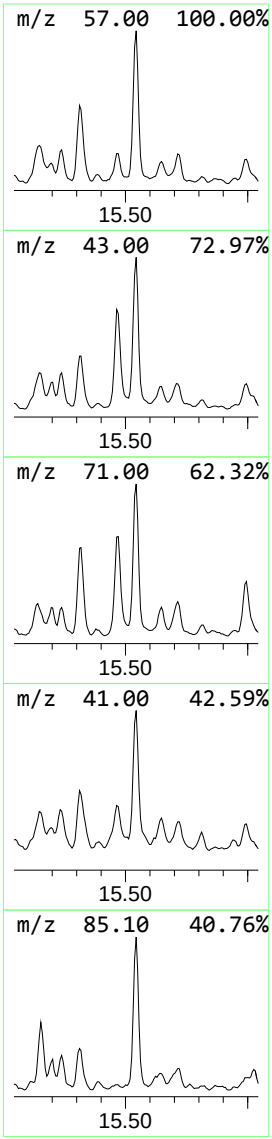
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	608.86 ug/L	2487750	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	81
4	Tridecane	184	C13H28	000629-50-5	81
5	Tetradecane	198	C14H30	000629-59-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

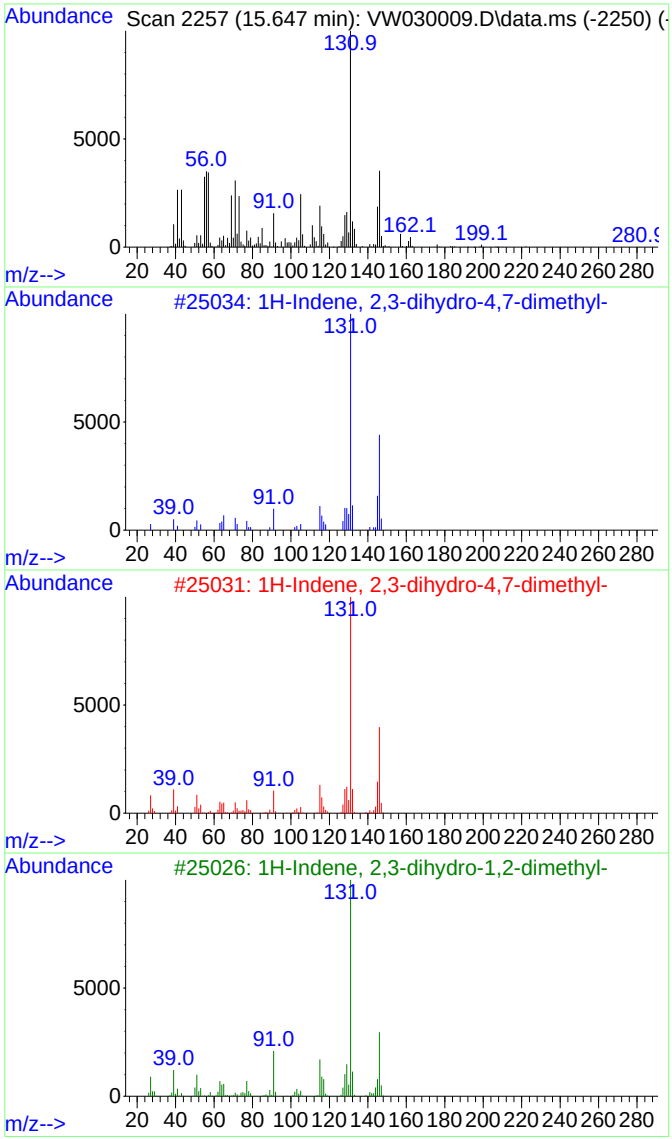
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

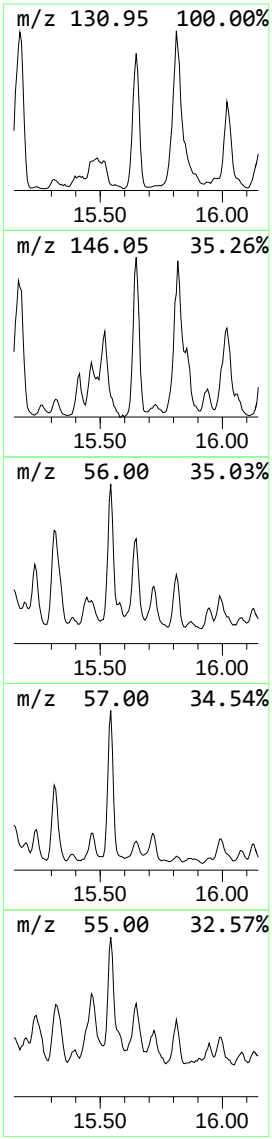
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	289.79 ug/L	1184030	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

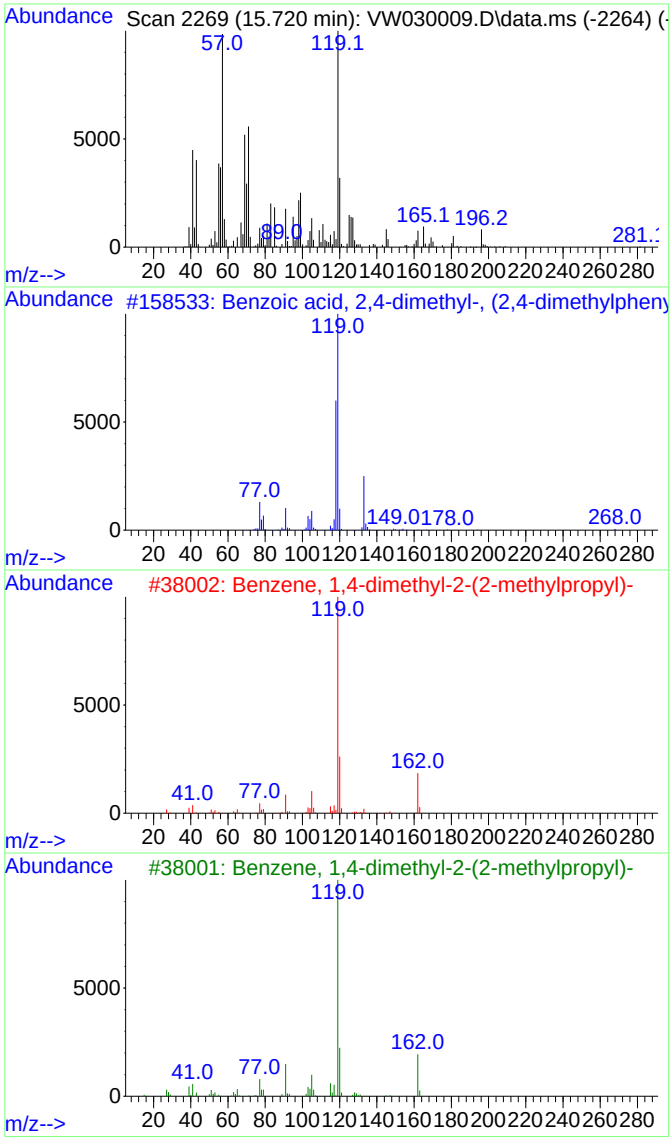
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

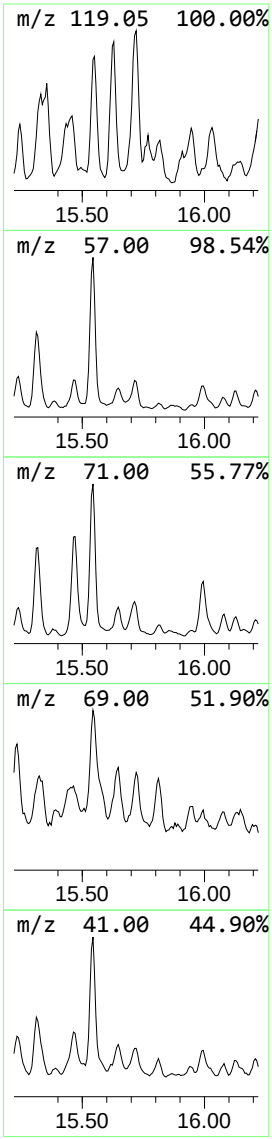
****

Peak Number 45 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	134.66 ug/L	550210	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	35
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	35
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	30
4	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	30
5	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

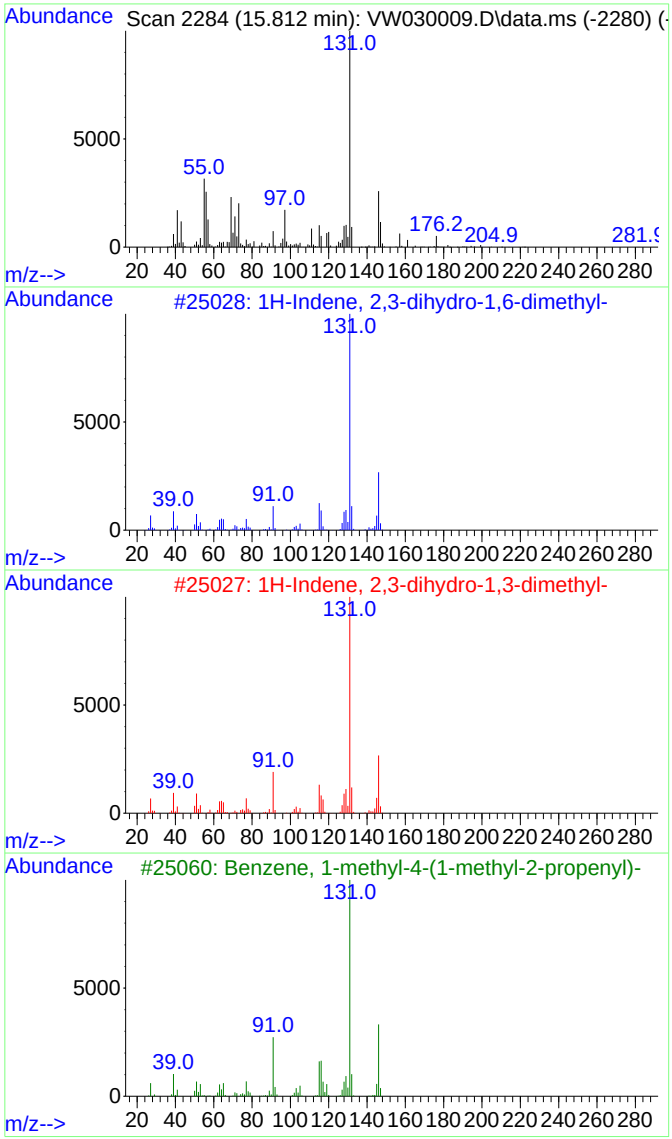
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

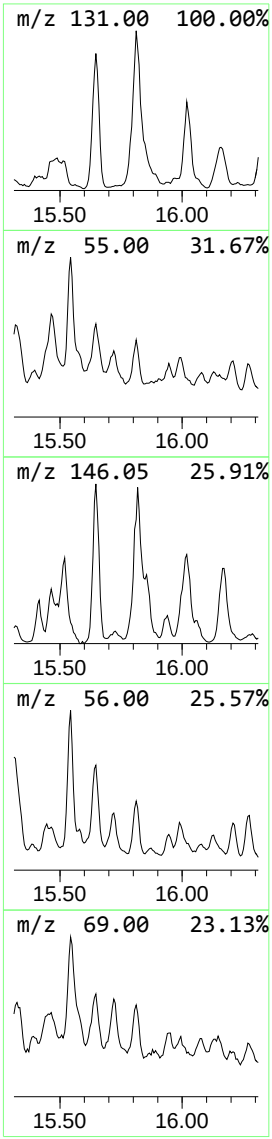
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.812	149.72 ug/L	611721	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	58
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	58
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	58
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	52
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

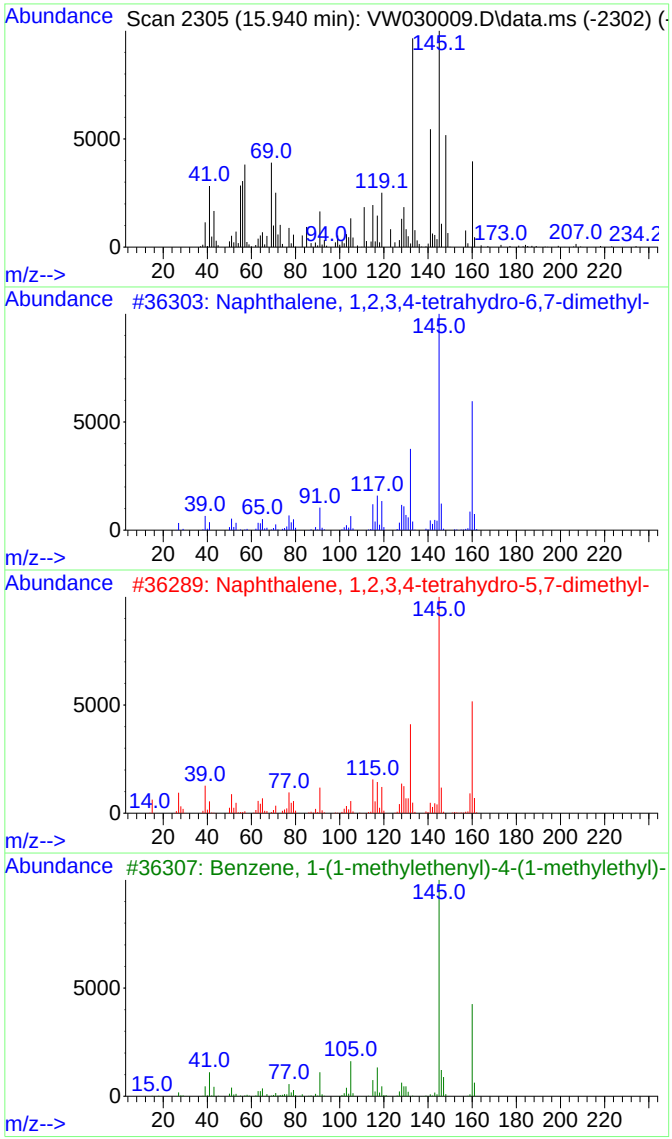
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

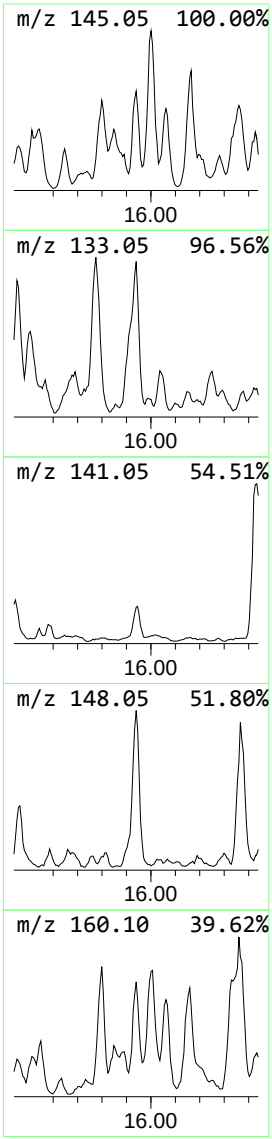
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.940	108.66 ug/L	443967	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	50
3	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	46
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

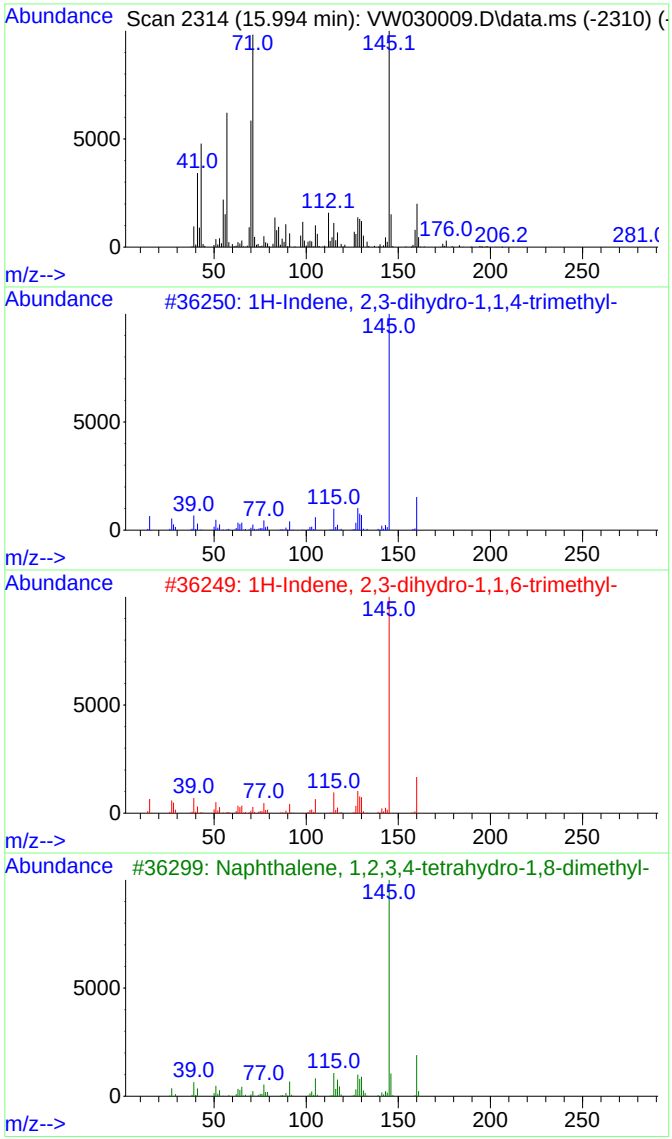
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

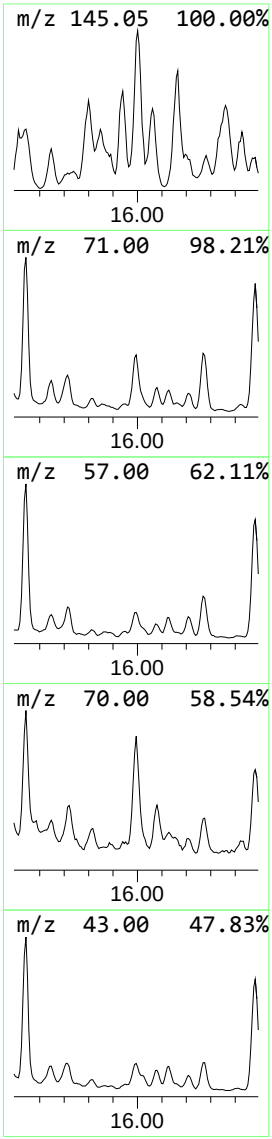
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.995	209.17 ug/L	854635	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	83
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	50
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	50
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

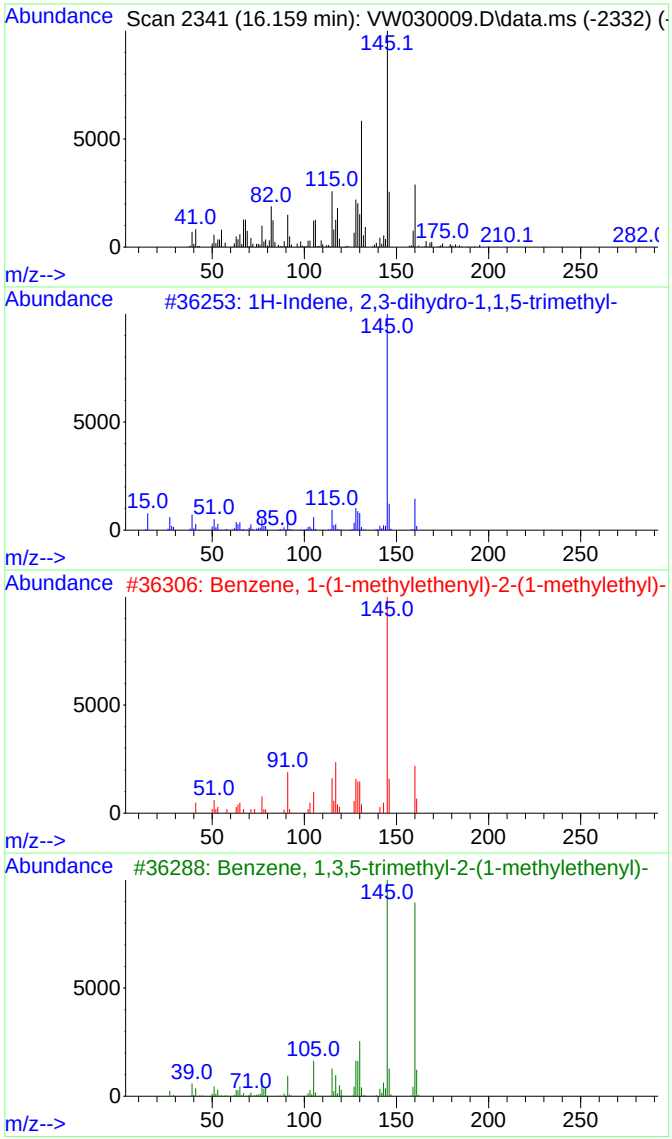
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

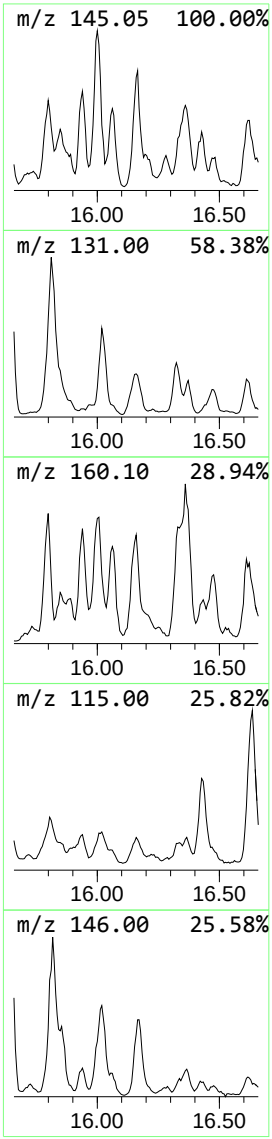
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	182.76 ug/L	746722	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

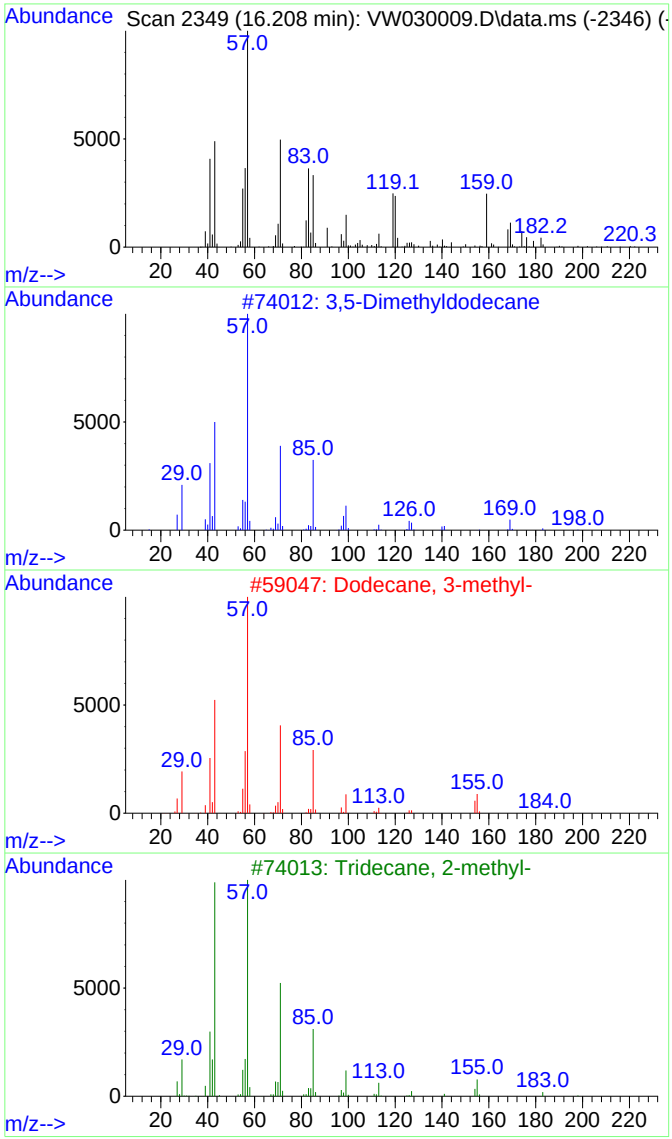
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

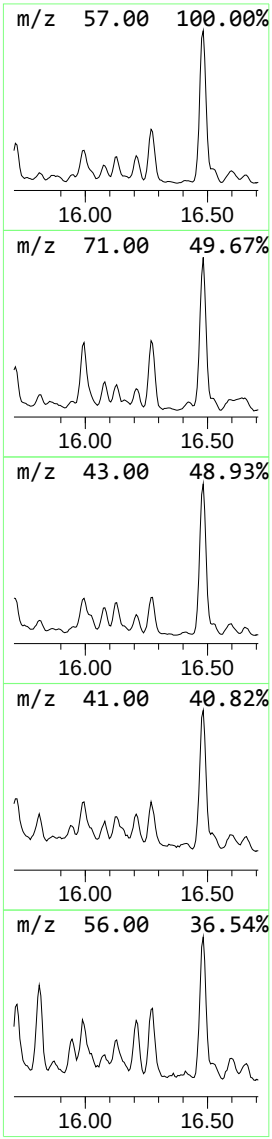
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.208	97.43 ug/L	398070	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	43
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	43
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

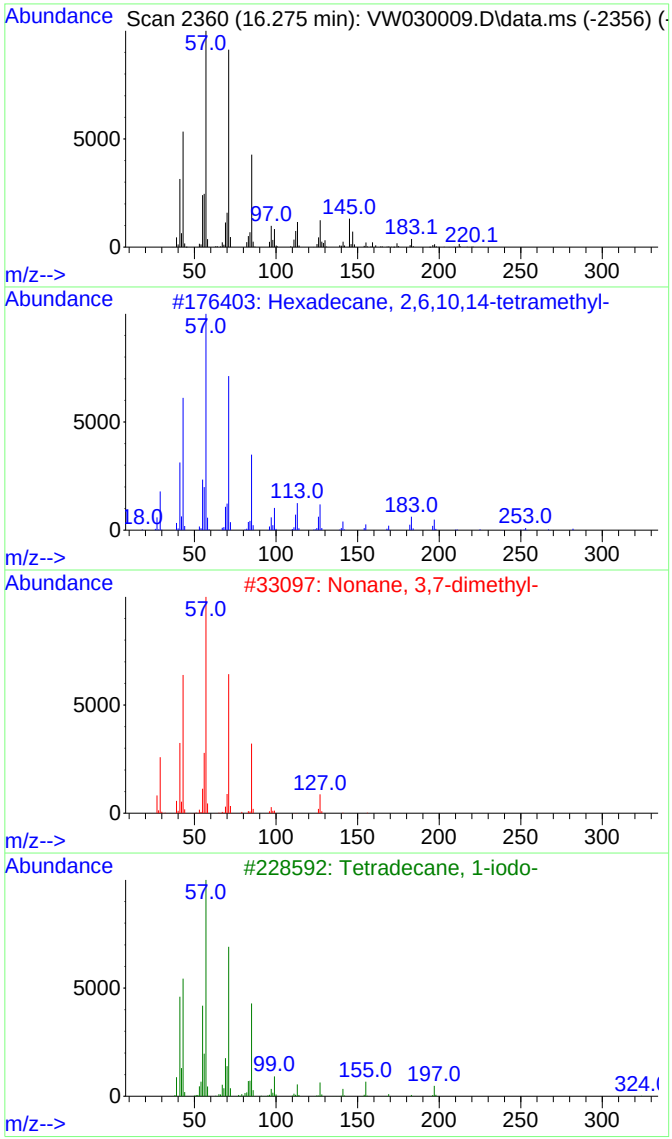
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

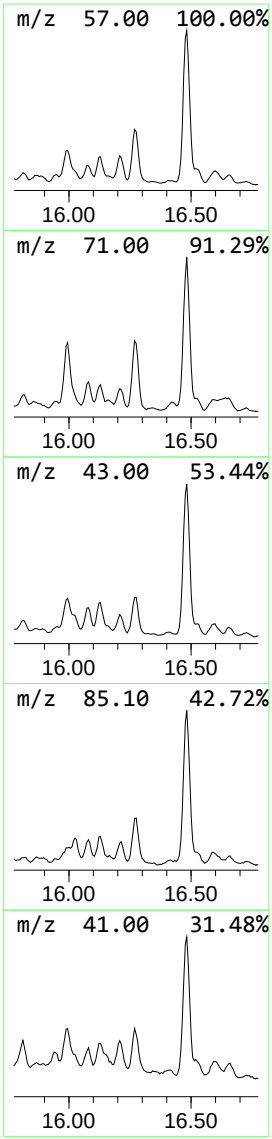
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	108.83 ug/L	444685	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

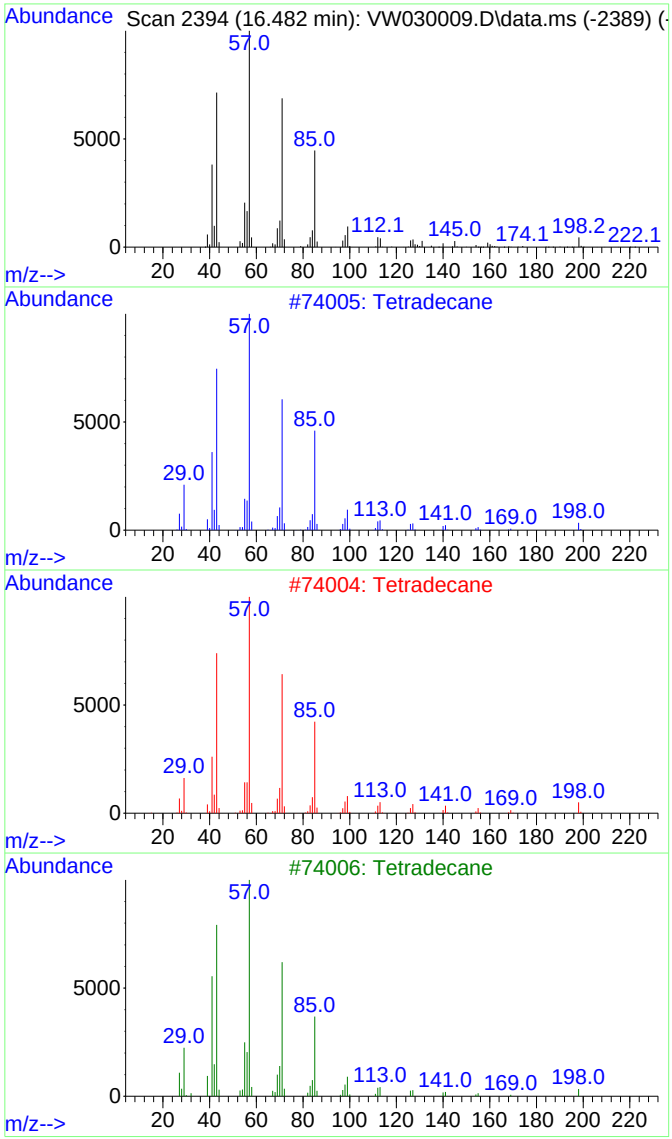
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

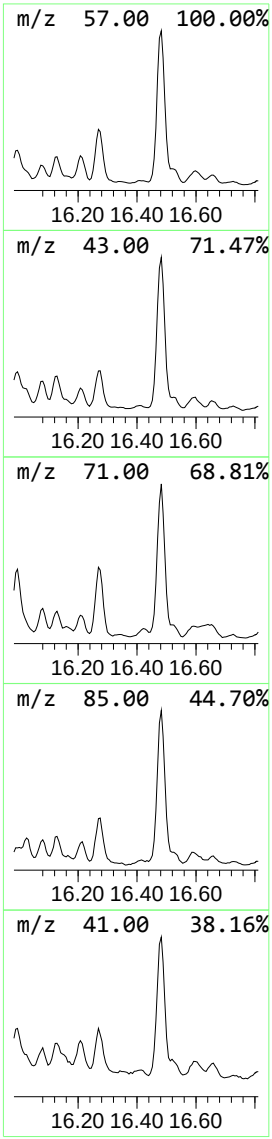
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	363.68 ug/L	1485960	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	96
3	Tetradecane	198	C14H30	000629-59-4	95
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane	170	C12H26	000112-40-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
Data File : VW030009.D
Acq On : 23 Aug 2024 14:42
Operator : SY/MD
Sample : P3696-04RE
Misc : 5.36g/10mL/MSVOA_W/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCN88RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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...	2.174	2.6	ug/L	39436	1	8.843	371961	25.0
(DEL) Alkane: S...	3.027	1.5	ug/L	21637	1	8.843	371961	25.0
(DEL) Alkane: S...	3.393	1.5	ug/L	22570	1	8.843	371961	25.0
Propanal, 2-met...	5.789	11.0	ug/L	163482	1	8.843	371961	25.0
(DEL) Alkane: S...	5.941	1.7	ug/L	24634	1	8.843	371961	25.0
Butanal	6.899	270.8	ug/L	4029130	1	8.843	371961	25.0
unknown-01	8.709	1.8	ug/L	27357	1	8.843	371961	25.0
1-Butanol	9.045	42.5	ug/L	632293	1	8.843	371961	25.0
Pentanal	9.410	4.5	ug/L	66660	1	8.843	371961	25.0
unknown-02	11.069	15.3	ug/L	135071	2	11.629	221275	25.0
4-Heptanone	11.983	11.7	ug/L	103139	2	11.629	221275	25.0
3-Heptanone	12.154	22.6	ug/L	199790	2	11.629	221275	25.0
1-Methyl-3-pipe...	12.239	10.8	ug/L	95754	2	11.629	221275	25.0
unknown-03	12.337	4.5	ug/L	40152	2	11.629	221275	25.0
4-Heptanone, 2,...	13.032	45.0	ug/L	183834	3	13.556	102147	25.0
Butanoic acid, ...	13.111	18.3	ug/L	74932	3	13.556	102147	25.0
(DEL) Alkane: S...	13.160	38.8	ug/L	158481	3	13.556	102147	25.0
2-Hexenal, 2-et...	13.452	143.0	ug/L	584337	3	13.556	102147	25.0
1-Hexanol, 2-et...	13.641	1975.9	ug/L	8073380	3	13.556	102147	25.0
Benzene, 2-ethy...	13.781	37.3	ug/L	152353	3	13.556	102147	25.0
Cyclohexanone, ...	14.044	105.8	ug/L	432145	3	13.556	102147	25.0
(DEL) Alkane: S...	14.123	41.9	ug/L	170998	3	13.556	102147	25.0
unknown-04	14.196	97.3	ug/L	397490	3	13.556	102147	25.0
(DEL) Alkane: S...	14.251	57.1	ug/L	233296	3	13.556	102147	25.0
(DEL) Alkane: S...	14.342	131.0	ug/L	535302	3	13.556	102147	25.0
(DEL) Alkane: C...	14.379	139.2	ug/L	568644	3	13.556	102147	25.0
(DEL) Alkane: S...	14.422	91.5	ug/L	374067	3	13.556	102147	25.0
Benzene, 1,2,3,...	14.452	83.8	ug/L	342408	3	13.556	102147	25.0
Benzene, 1,3-di...	14.495	124.3	ug/L	507948	3	13.556	102147	25.0
unknown-05	14.537	112.5	ug/L	459708	3	13.556	102147	25.0
(DEL) Alkane: S...	14.714	359.8	ug/L	1470270	3	13.556	102147	25.0
p-Cymene	14.787	259.6	ug/L	1060780	3	13.556	102147	25.0
(DEL) Alkane: S...	14.830	183.6	ug/L	749979	3	13.556	102147	25.0
Benzene, pentam...	15.056	200.6	ug/L	819647	3	13.556	102147	25.0
Benzene, (1-met...	15.159	412.4	ug/L	1684990	3	13.556	102147	25.0
(DEL) Alkane: C...	15.232	209.2	ug/L	854944	3	13.556	102147	25.0
Sulfurous acid,...	15.318	411.9	ug/L	1682990	3	13.556	102147	25.0
(DEL) Alkane: S...	15.464	396.8	ug/L	1621450	3	13.556	102147	25.0
(DEL) Alkane: S...	15.543	608.9	ug/L	2487750	3	13.556	102147	25.0
1H-Indene, 2,3-...	15.647	289.8	ug/L	1184030	3	13.556	102147	25.0
unknown-06	15.720	134.7	ug/L	550210	3	13.556	102147	25.0
1H-Indene, 2,3-...	15.812	149.7	ug/L	611721	3	13.556	102147	25.0
Naphthalene, 1,...	15.940	108.7	ug/L	443967	3	13.556	102147	25.0
1H-Indene, 2,3-...	15.995	209.2	ug/L	854635	3	13.556	102147	25.0
1H-Indene, 2,3-...	16.159	182.8	ug/L	746722	3	13.556	102147	25.0
(DEL) Alkane: S...	16.208	97.4	ug/L	398070	3	13.556	102147	25.0
(DEL) Alkane: S...	16.275	108.8	ug/L	444685	3	13.556	102147	25.0
(DEL) Alkane: S...	16.482	363.7	ug/L	1485960	3	13.556	102147	25.0