LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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: VW029966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	68	79	93	rBV	40893	113278	7.88%	1.307%
2	2.503	97	101	109	rBV	6674	18158	1.26%	0.210%
3	2.905	159	167	182	rVB	33028	99072	6.89%	1.144%
4	3.283	227	229	235	rBV5	651	1284	0.09%	0.015%
5	3.393	239	247	254	rBV2	9341	22598	1.57%	0.261%
6	4.021	339	350	362	rVV	69710	240138	16.71%	2.772%
7	4.143	363	370	385	rVB	44381	143610	9.99%	1.658%
8	4.685	450	459	470	rBV	3553	11927	0.83%	0.138%
9	4.923	487	498	512	rBV3	6906	28118	1.96%	0.325%
10	5.417	577	579	582	rBV3	561	716	0.05%	0.008%
11	5.789	631	640	650	rBV5	2391	8487	0.59%	0.098%
12	5.941	656	665	674	rBV7	2096	6789	0.47%	0.078%
13	6.112	685	693	694	rBV4	2388	4787	0.33%	0.055%
14	6.277	718	720	722	rVV4	782	890	0.06%	0.010%
15	6.502	753	757	760	rBV3	482	671	0.05%	0.008%
16	6.612	769	775	782	rBV7	643	1684	0.12%	0.019%
17	6.898	812	822	823	rBV2	7351	13374	0.93%	0.154%
18	7.087	845	853	865	rBV	20317	65869	4.58%	0.760%
19	7.648	935	945	958	rBV	132773	325628	22.66%	3.759%
20	8.154	1026	1028	1031	rVV3	511	564	0.04%	0.007%
21	8.276	1037	1048	1064	rBV2	243057	726846	50.58%	8.390%
22	8.410	1067	1070	1076	rVB5	897	1660	0.12%	0.019%
23	8.557	1086	1094	1100	rBV4	4950	12381	0.86%	0.143%
24	8.703	1111	1118	1130	rVB2	14413	32872	2.29%	0.379%
25	8.843	1132	1141	1153	rBV	305173	607705	42.29%	7.014%
26	9.056	1174	1176	1177	rBV2	793	594	0.04%	0.007%
27	9.197	1194	1199	1202	rVB3	754	1016	0.07%	0.012%
28	9.270	1202	1211	1223	rBV	171970	358498	24.95%	4.138%
29	9.410	1227	1234	1248	rVB	47969	98391	6.85%	1.136%
30	9.544	1253	1256	1257	rBV3	578	682	0.05%	0.008%
31	9.666	1272	1276	1281	rVB5	1082	2036	0.14%	0.024%
32	9.977	1325	1327	1328	rVV2	713	596	0.04%	0.007%
33	10.032	1329	1336	1349	rVV	80545	151979	10.58%	1.754%
34	10.123	1349	1351	1353	rVV2	671	872	0.06%	0.010%
35	10.148	1353	1355	1356	rVV2	1159	919	0.06%	0.011%
36	10.203	1360	1364	1368	rVV3	1109	1359	0.09%	0.016%

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Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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	10.325	1373	1384	1390	rBV	293607	541127	37.65%	6.246%
38	10.386	1390	1394	1407	rVB	27889	51425	3.58%	0.594%
39	10.507	1407	1414	1418	rBV5	2220	5024	0.35%	0.058%
40	10.575	1418	1425	1432	rBV	52786	94577	6.58%	1.092%
41	10.703	1440	1446	1450	rBV3	6817	11980	0.83%	0.138%
42	10.739	1450	1452	1461	rVB3	2496	4395	0.31%	0.051%
43	10.861	1471	1472	1476	rVV3	653	811	0.06%	0.009%
44	10.922	1476	1482	1498	rVV	84512	148173	10.31%	1.710%
45	11.068	1499	1506	1520	rBV	348422	570461	39.69%	6.584%
46	11.202	1526	1528	1533	rVB6	1409	1934	0.13%	0.022%
47	11.562	1582	1587	1591	rBV4	1731	3444	0.24%	0.040%
48	11.629	1591	1598	1608	rVV	342064	577691	40.20%	6.668%
49	11.843	1624	1633	1644	rBV2	15935	36830	2.56%	0.425%
50	11.946	1645	1650	1657	rVV5	6143	11234	0.78%	0.130%
51	12.013	1657	1661	1669	rVB2	10933	18391	1.28%	0.212%
52	12.227	1694	1696	1698	rBV2	1092	1077	0.07%	0.012%
53	12.336	1708	1714	1726	rBV3	29505	71149	4.95%	0.821%
54	12.471	1727	1736	1749	rBV	867201	1437114	100.00%	16.588%
55	12.605	1752	1758	1763	rBV2	10470	16902	1.18%	0.195%
56	12.690	1764	1772	1789	rVB2	128660	303472	21.12%	3.503%
57	12.806	1789	1791	1794	rVB4	976	995	0.07%	0.011%
58	12.897	1798	1806	1807	rBV6	1990	3514	0.24%	0.041%
59	12.952	1808	1815	1820	rVB3	13966	29236	2.03%	0.337%
60	13.025	1821	1827	1834	rBV3	14792	28136	1.96%	0.325%
61	13.092	1834	1838	1843	rBV4	8572	12618	0.88%	0.146%
62	13.153	1844	1848	1852	rVB3	5358	8293	0.58%	0.096%
63	13.208	1853	1857	1859	rBV2	7344	11298	0.79%	0.130%
64	13.239	1859	1862	1876	rVB4	21451	51197	3.56%	0.591%
65	13.361	1876	1882	1884	rBV2	16540	27976	1.95%	0.323%
66	13.409	1884	1890	1894	rBV2	51254	96380	6.71%	1.112%
67	13.464	1894	1899	1902	rBV	216230	360702	25.10%	4.163%
68	13.556	1908	1914	1920	rVB	290018	465323	32.38%	5.371%
69	13.708	1934	1939	1946	rVB2	9232	14563	1.01%	0.168%
70	13.763	1946	1948	1952	rVV4	816	826	0.06%	0.010%
71	13.848	1955	1962	1973	rVB	138018	236929	16.49%	2.735%
72	13.995	1979	1986	1994	rBV2	31585	60277	4.19%	0.696%
73	14.068	1994	1998	2007	rVV2	20486	39413	2.74%	0.455%
74	14.147	2007	2011	2016	rVV3	5663	9428	0.66%	0.109%
75	14.214	2019	2022	2026	rVB6	1220	1763	0.12%	0.020%
76	14.318	2032	2039	2046	rBV	19627	32585	2.27%	0.376%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCXY1

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	14.470	2062	2064	2065	rBV	757	598	0.04%	0.007%
78	14.616	2083	2088	2091	rBV4	1235	2038	0.14%	0.024%
79	14.690	2091	2100	2109	rVB2	15934	32613	2.27%	0.376%
80	14.769	2111	2113	2116	rVV4	586	682	0.05%	0.008%
81	14.848	2122	2126	2128	rBV5	1507	2046	0.14%	0.024%
82	14.946	2136	2142	2148	rBV7	6518	13085	0.91%	0.151%
83	15.013	2149	2153	2158	rVB6	1865	3142	0.22%	0.036%
84	15.068	2158	2162	2164	rBV3	1311	1994	0.14%	0.023%
85	15.110	2164	2169	2174	rVB8	3412	6586	0.46%	0.076%
86	15.165	2175	2178	2180	rBV3	2080	2485	0.17%	0.029%
87	15.244	2187	2191	2196	rVV3	15552	23639	1.64%	0.273%
88	15.293	2196	2199	2205	rVB3	6320	10160	0.71%	0.117%
89	15.379	2211	2213	2218	rVB6	1171	1514	0.11%	0.017%
90	15.476	2224	2229	2233	rBV2	3492	5751	0.40%	0.066%
91	15.763	2271	2276	2281	rVV5	4367	8419	0.59%	0.097%
92	15.842	2284	2289	2296	rVV4	7007	13113	0.91%	0.151%
93	15.958	2303	2308	2313	rBV6	3601	5839	0.41%	0.067%
94	16.031	2314	2320	2325	rVB4	9597	19054	1.33%	0.220%
95	16.360	2367	2374	2375	rBV6	1290	2272	0.16%	0.026%
96	16.470	2390	2392	2394	rVV2	732	678	0.05%	0.008%
97	16.494	2394	2396	2399	rVV4	629	675	0.05%	0.008%
98	16.537	2399	2403	2407	rVV4	435	833	0.06%	0.010%
99	16.671	2422	2425	2428	rBV5	716	1213	0.08%	0.014%
100	16.701	2428	2430	2434	rVV3	478	609	0.04%	0.007%

Sum of corrected areas: 8663749

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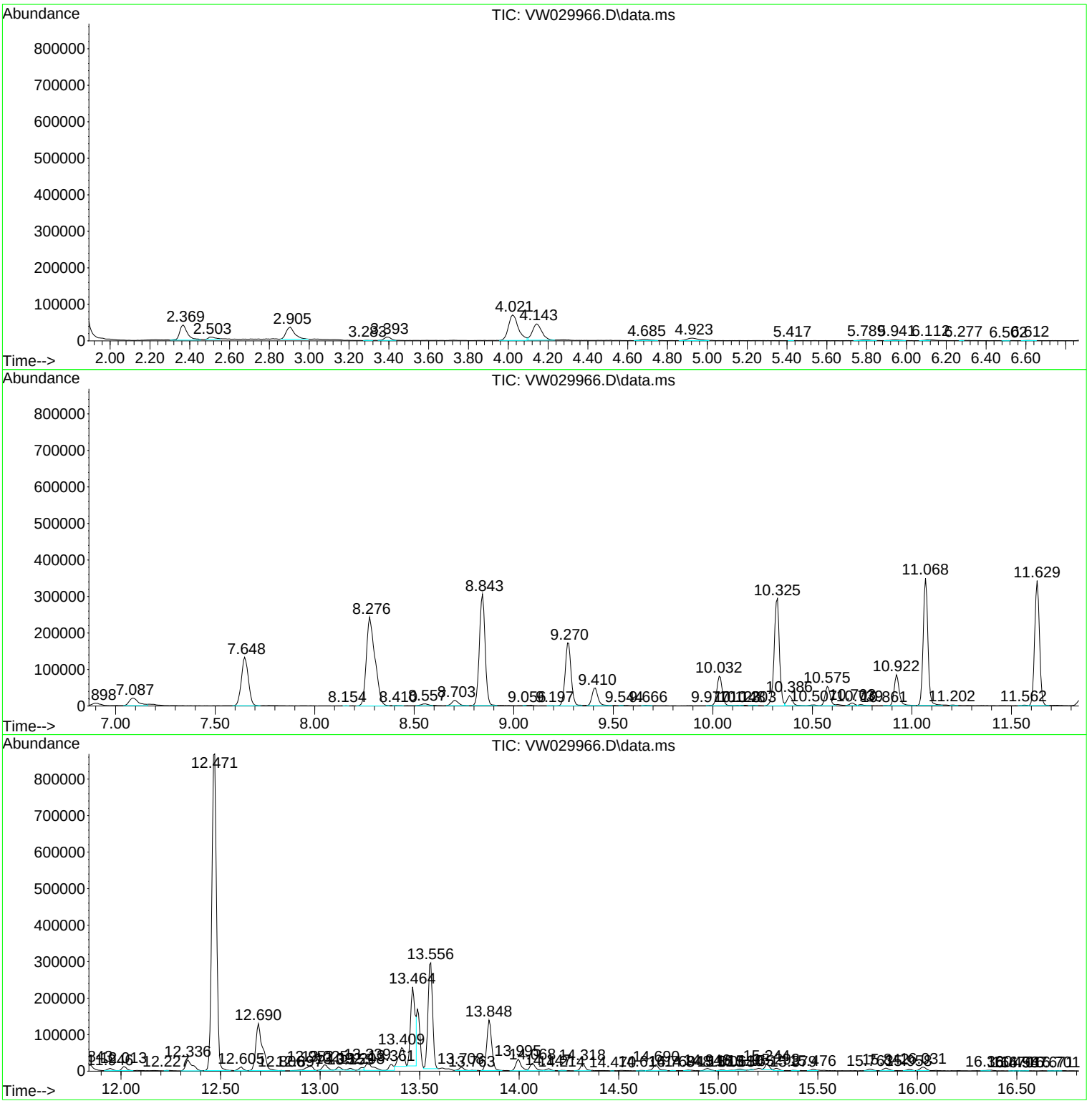
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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\VW082024\
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Instrument :
MSVOA_W
ClientSampleId :
DCXY1

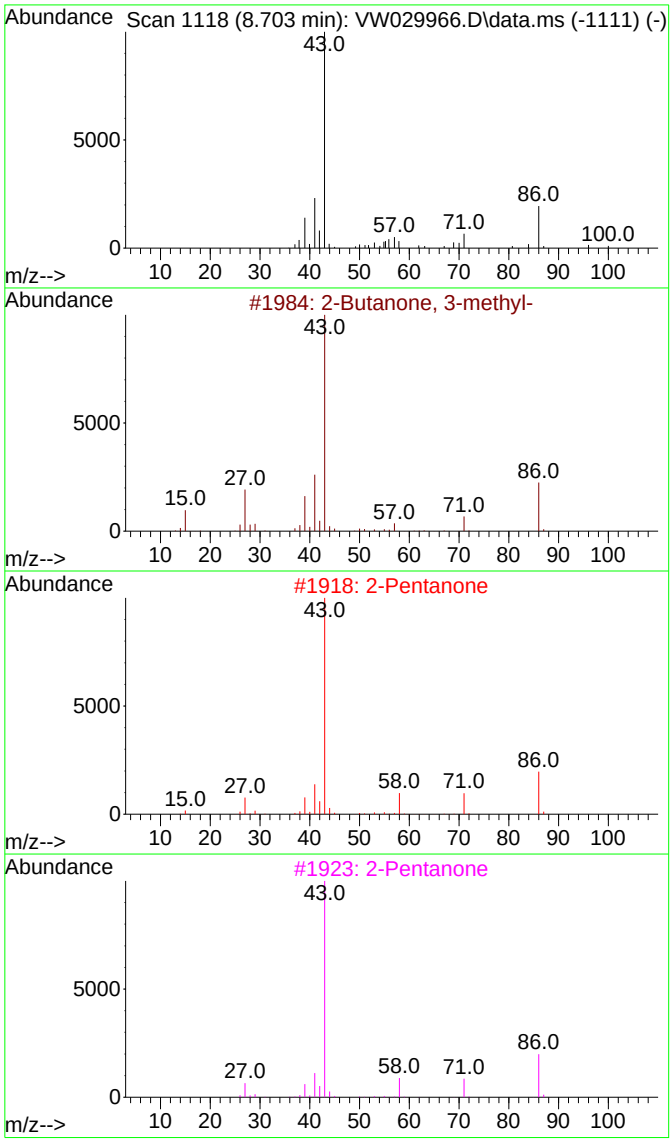
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

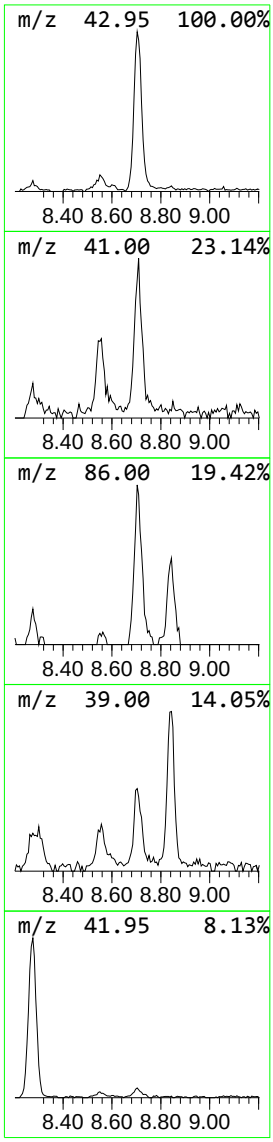
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Butanone, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	1.35 ug/L	32872	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	58
2	2-Pentanone	86	C5H10O	000107-87-9	50
3	2-Pentanone	86	C5H10O	000107-87-9	40
4	Oxalic acid, monoamide, n-propyl...	215	C11H21NO3	1000309-64-4	38
5	Ethane-1,2-diimine, N,N'-diamino-	86	C2H6N4	1000197-11-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
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Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

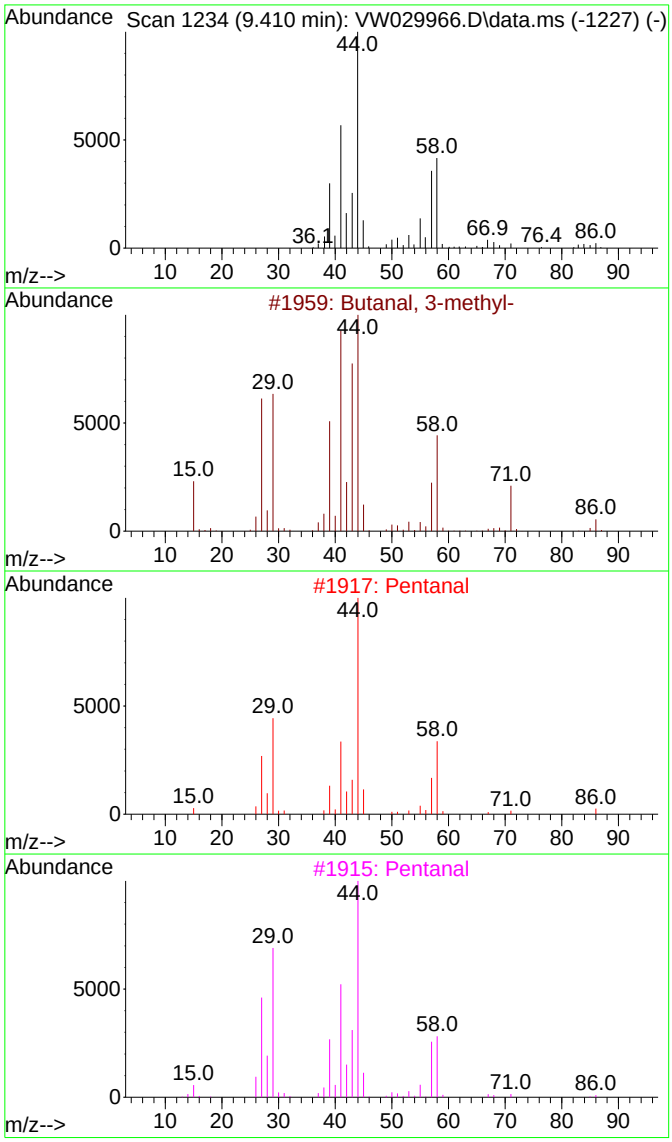
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

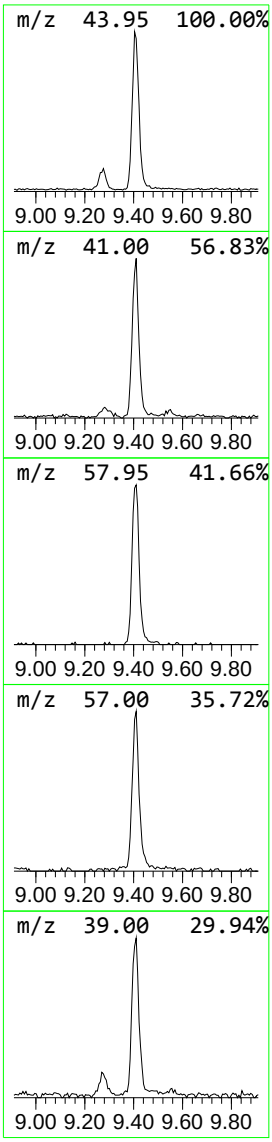
****

Peak Number 2 Butanal, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	4.05 ug/L	98391	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	86
2	Pentanal	86	C5H10O	000110-62-3	78
3	Pentanal	86	C5H10O	000110-62-3	78
4	Pentanal	86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64





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Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

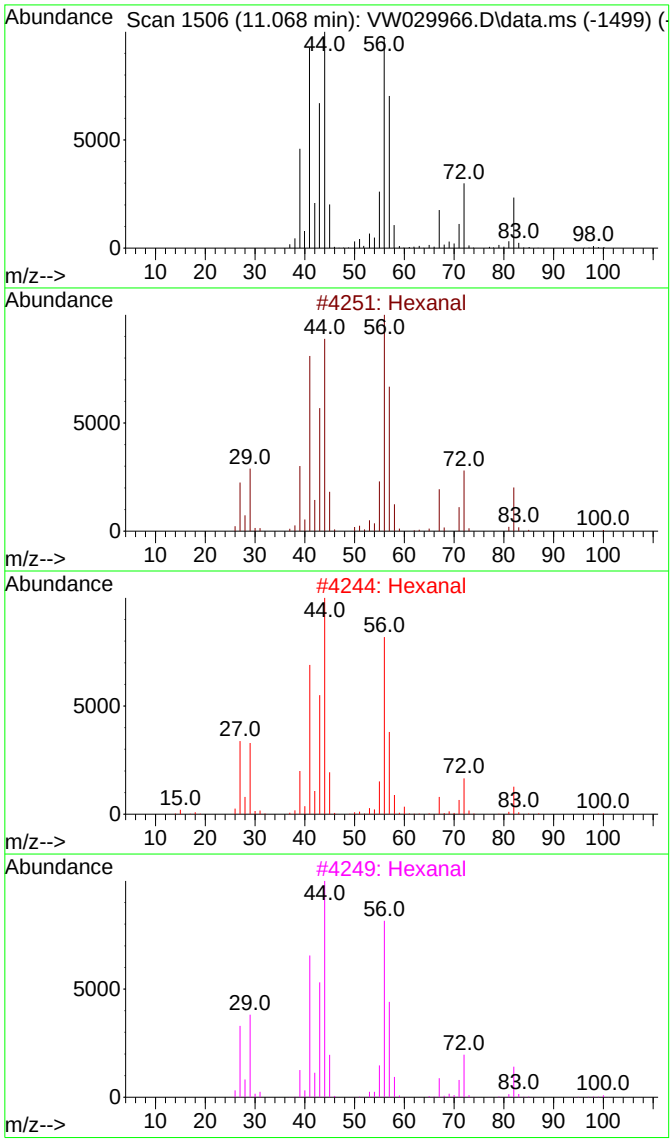
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

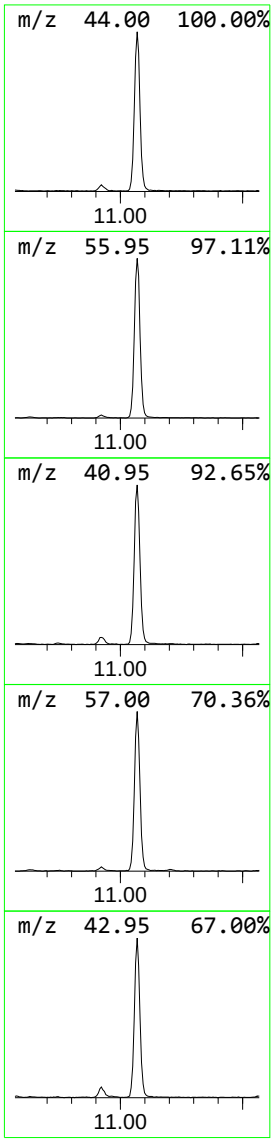
****

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	24.69 ug/L	570461	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	95
2	Hexanal	100	C6H12O	000066-25-1	74
3	Hexanal	100	C6H12O	000066-25-1	72
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	59





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Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

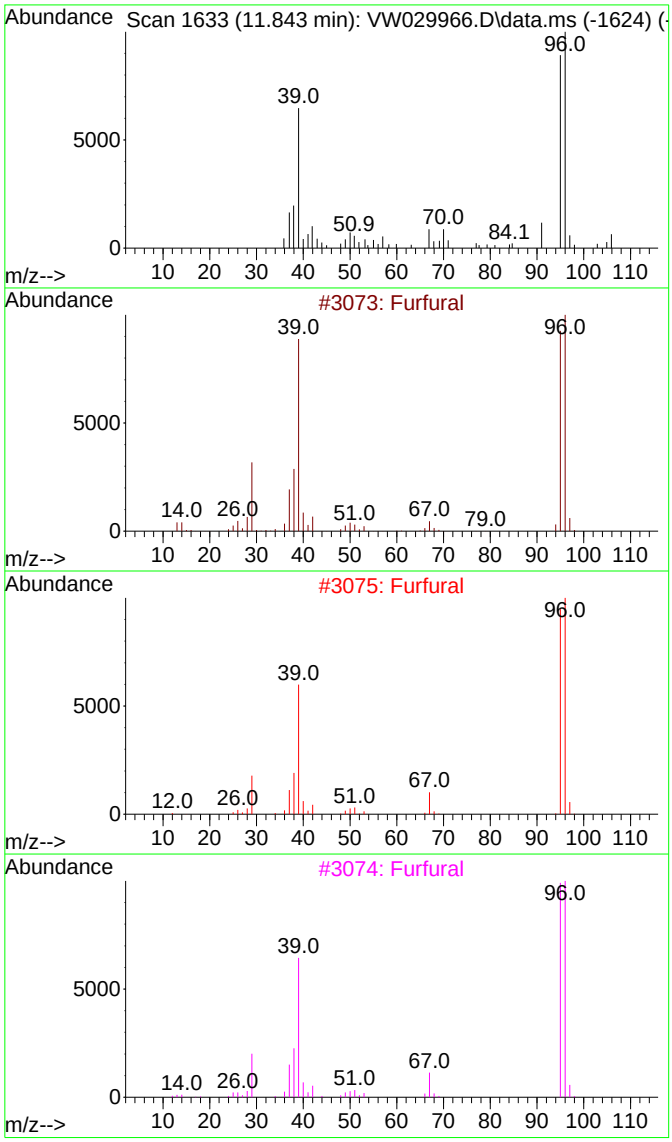
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

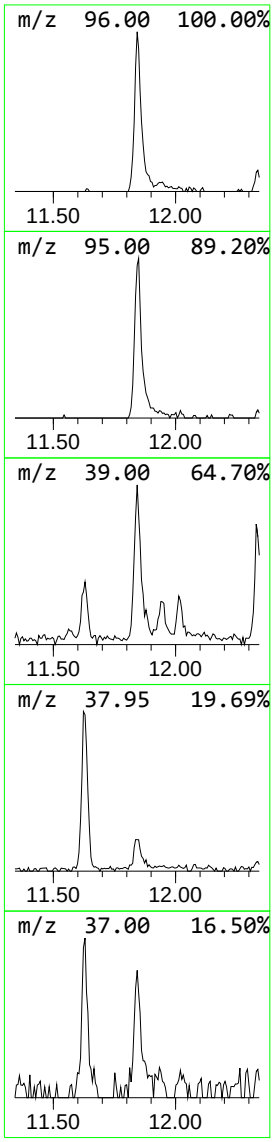
****

Peak Number 5 Furfural Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.843	1.59 ug/L	36830	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	91
2	Furfural	96	C5H4O2	000098-01-1	91
3	Furfural	96	C5H4O2	000098-01-1	91
4	Furfural	96	C5H4O2	000098-01-1	90
5	3-Furaldehyde	96	C5H4O2	000498-60-2	83





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Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

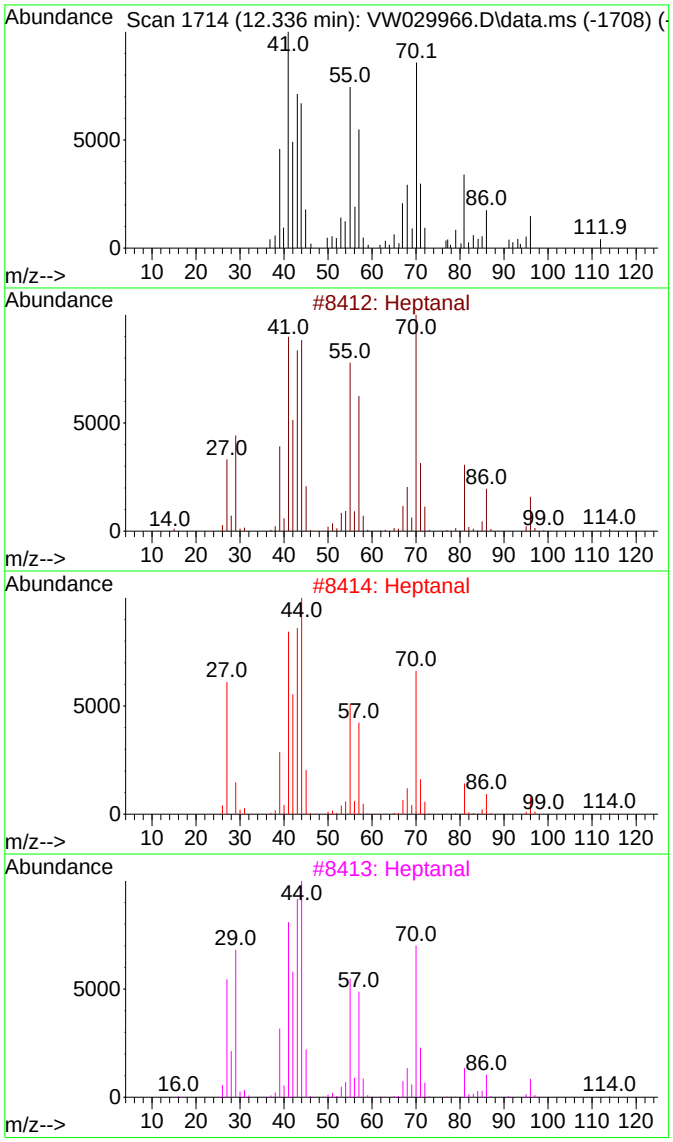
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

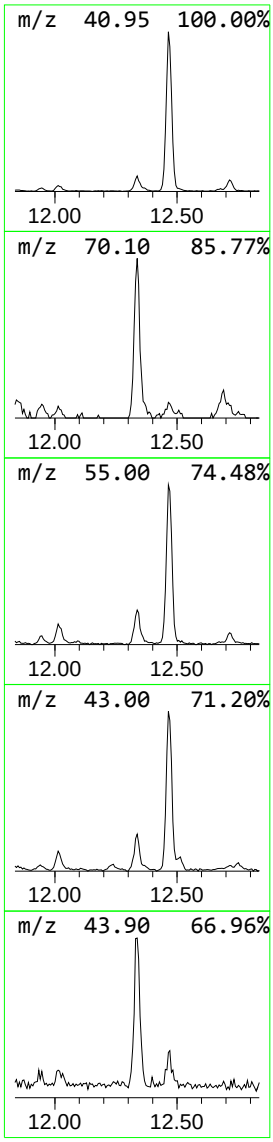
****

Peak Number 6 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	3.08 ug/L	71149	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	72
2	Heptanal	114	C7H14O	000111-71-7	64
3	Heptanal	114	C7H14O	000111-71-7	64
4	Heptanal	114	C7H14O	000111-71-7	59
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

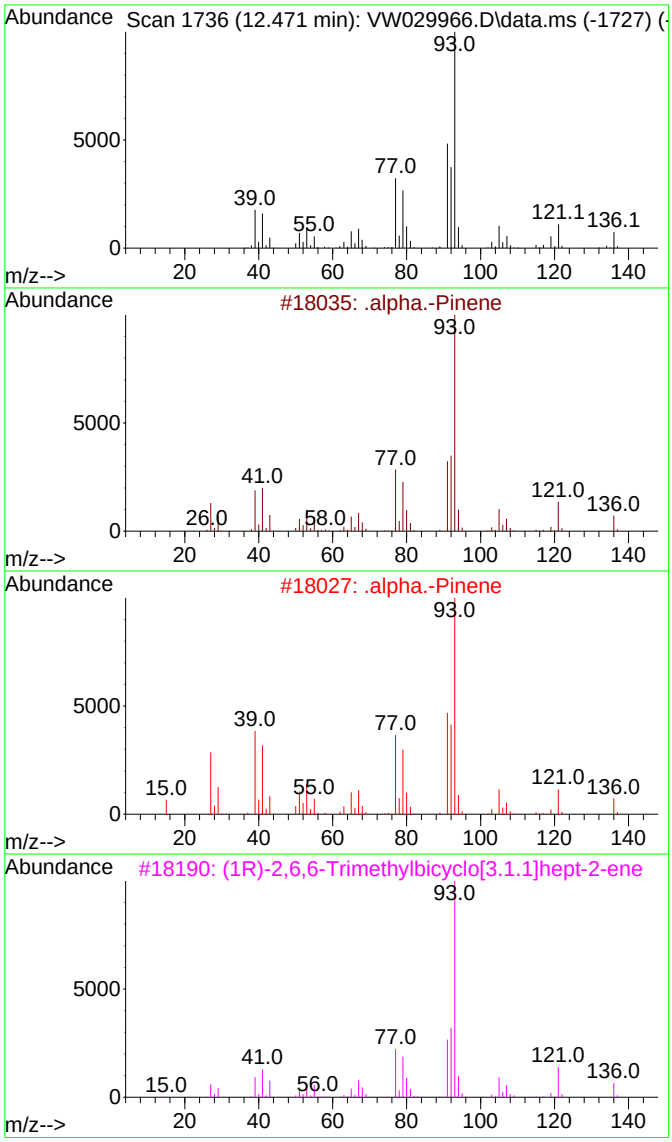
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

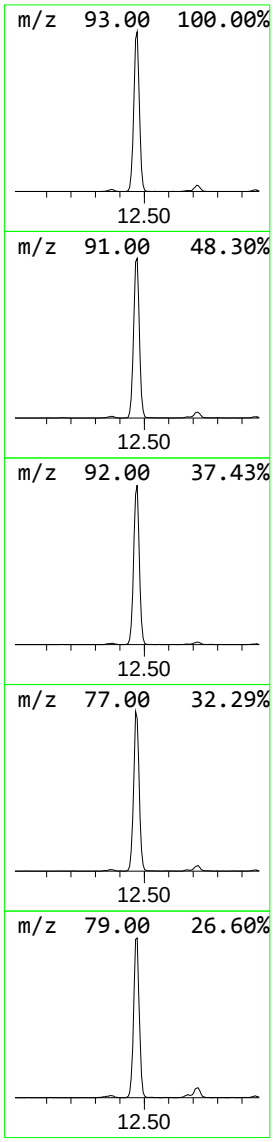
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	62.19 ug/L	1437110	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

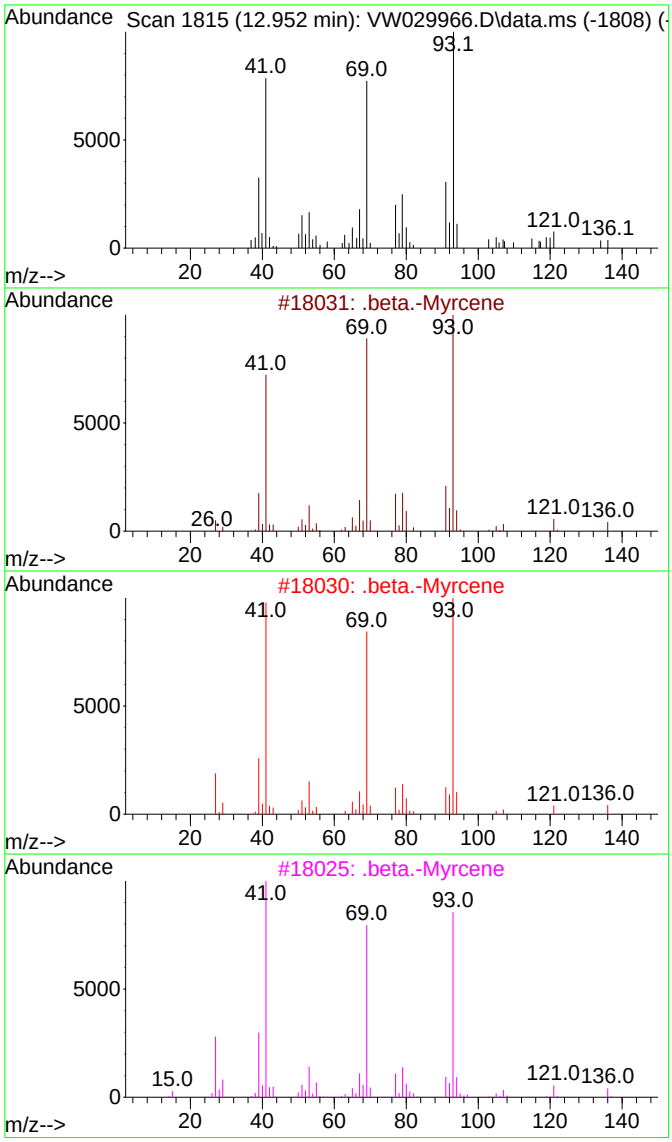
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

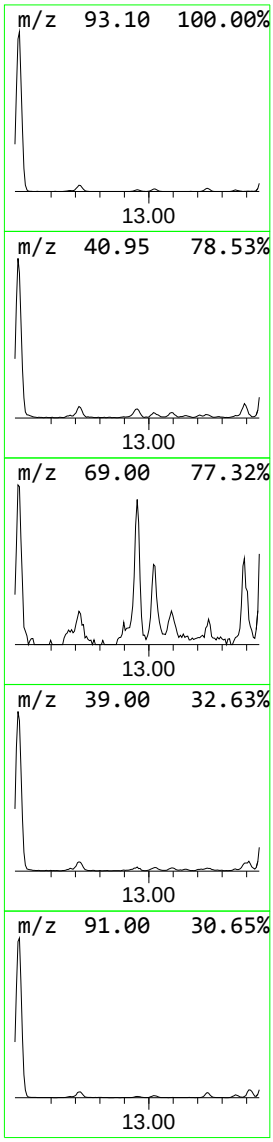
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 .beta.-Myrcene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.952	1.57 ug/L	29236	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	90
2	.beta.-Myrcene	136	C10H16	000123-35-3	87
3	.beta.-Myrcene	136	C10H16	000123-35-3	87
4	.beta.-Pinene	136	C10H16	000127-91-3	64
5	.beta.-Myrcene	136	C10H16	000123-35-3	62





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Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

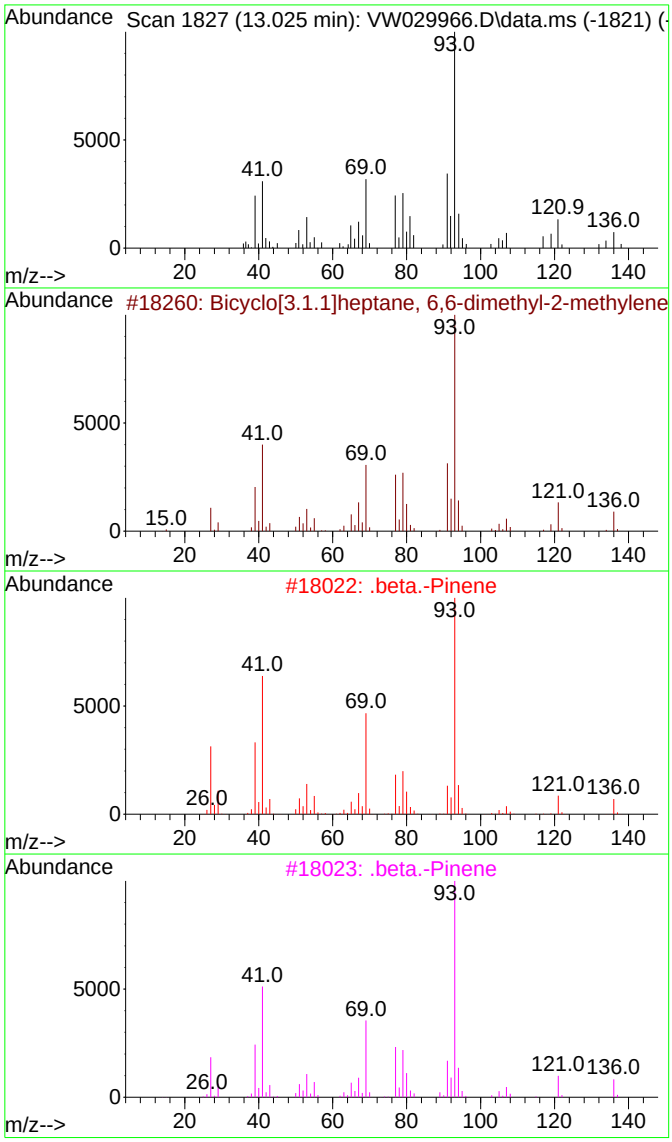
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

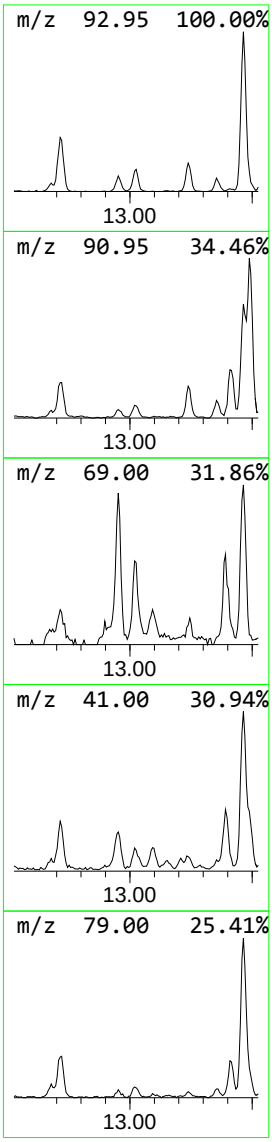
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	1.51 ug/L	28136	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	90
2	.beta.-Pinene	136	C10H16	000127-91-3	90
3	.beta.-Pinene	136	C10H16	000127-91-3	90
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	90
5	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

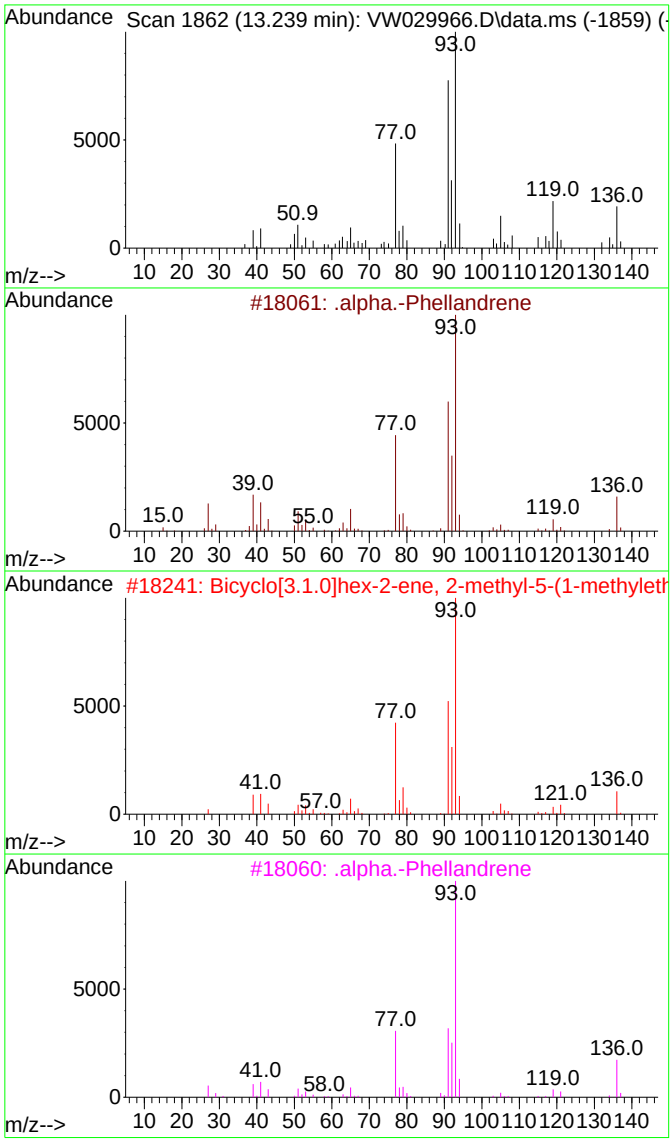
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

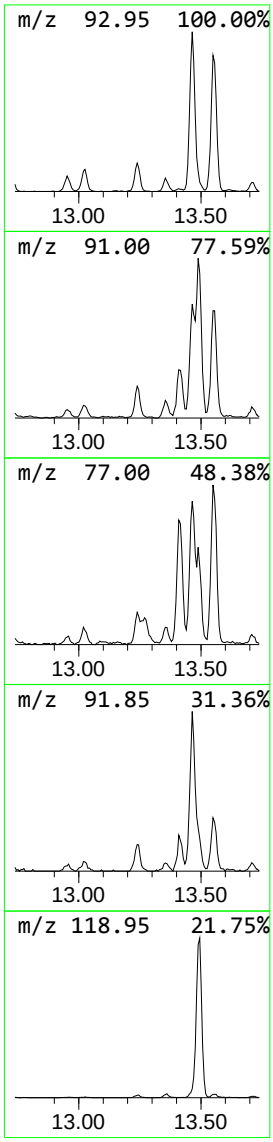
****

Peak Number 10 .alpha.-Phellandrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.75 ug/L	51197	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Phellandrene	136	C10H16	000099-83-2	87
2	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	81
3	.alpha.-Phellandrene	136	C10H16	000099-83-2	81
4	.alpha.-Phellandrene	136	C10H16	000099-83-2	64
5	.alpha.-Phellandrene	136	C10H16	000099-83-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

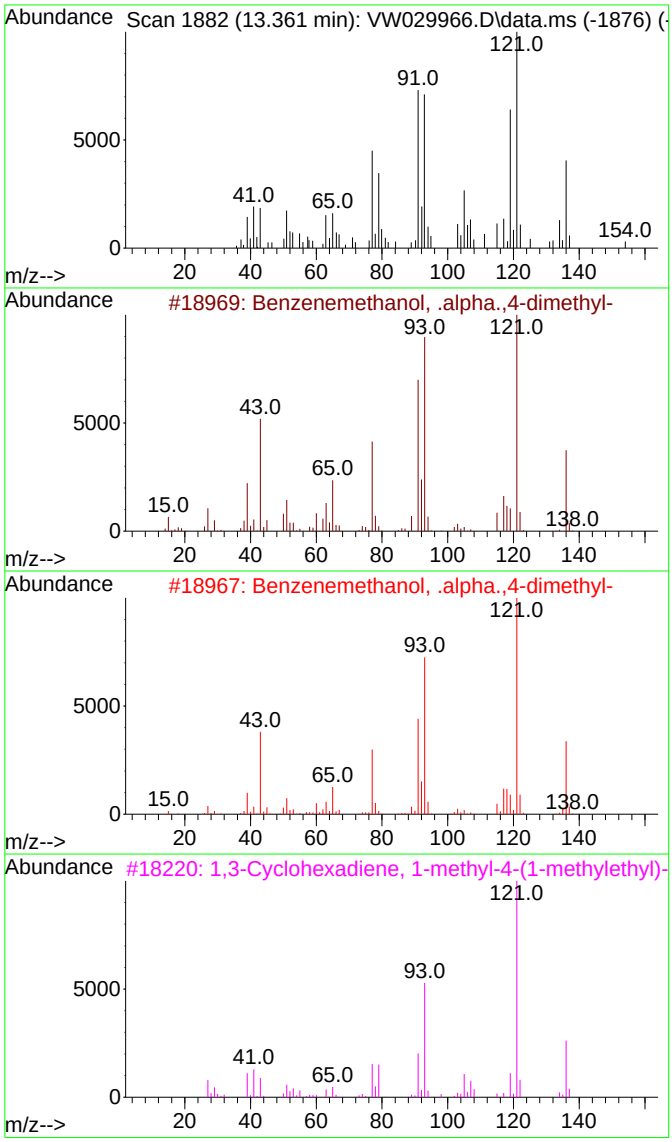
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

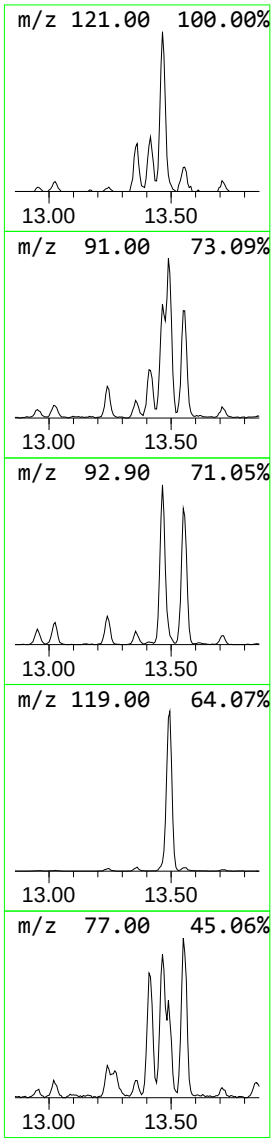
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzenemethanol, .alpha.,4-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.361	1.50 ug/L	27976	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	81
2	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	81
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	76
4	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	70
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

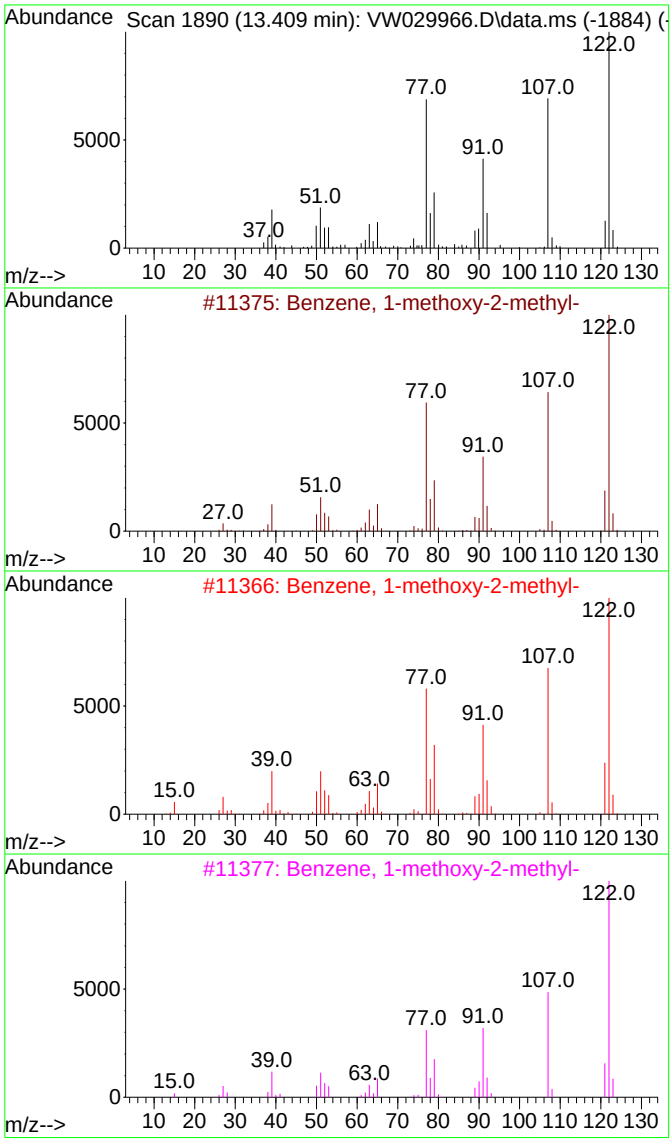
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

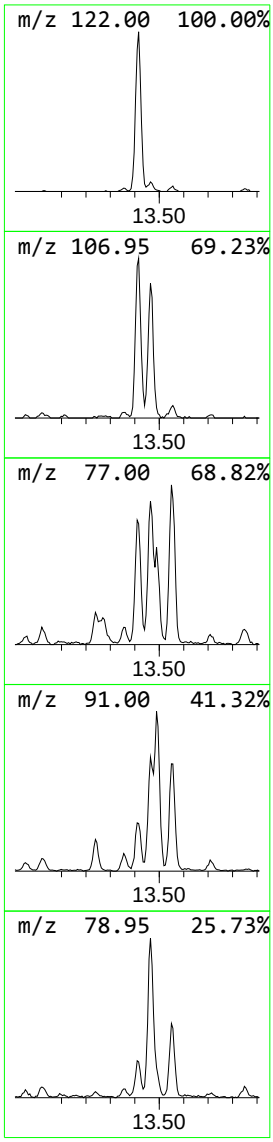
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.409	5.18 ug/L	96380	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	97
2	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	95
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	95
4	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	93
5	1,3,5-Cycloheptatriene, 1-methoxy-	122	C8H10O	001728-32-1	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

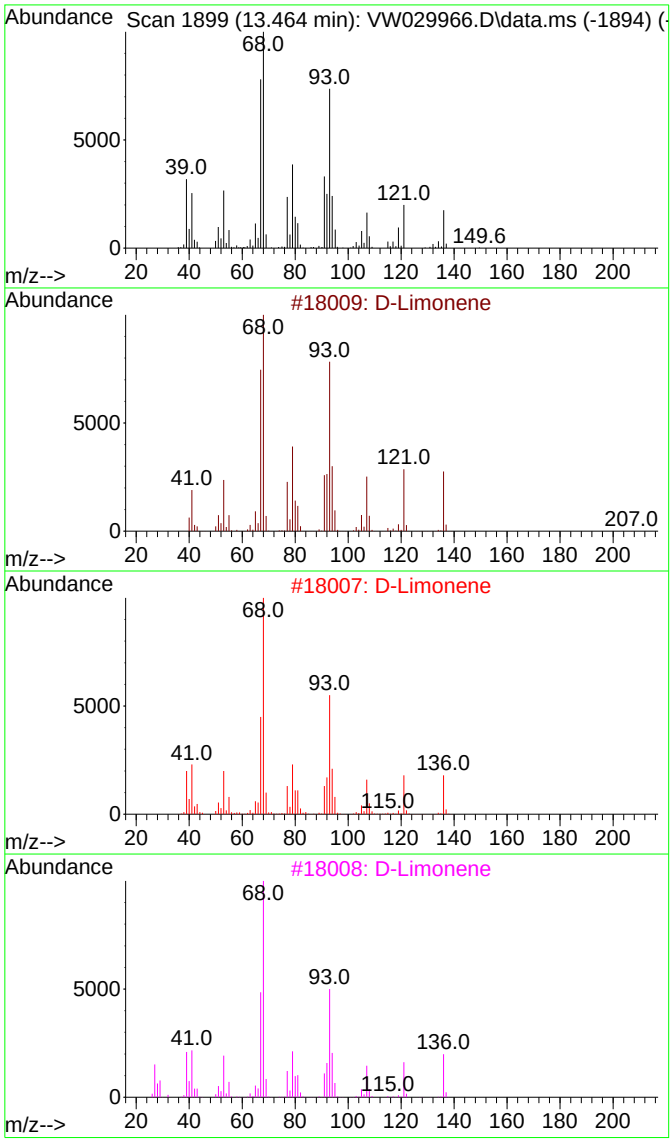
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

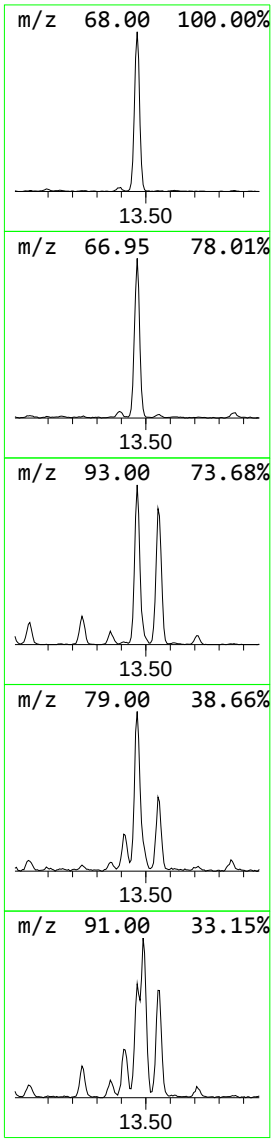
****

Peak Number 13 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	19.38 ug/L	360702	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	D-Limonene	136	C10H16	005989-27-5	94
3	D-Limonene	136	C10H16	005989-27-5	93
4	Limonene	136	C10H16	000138-86-3	86
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

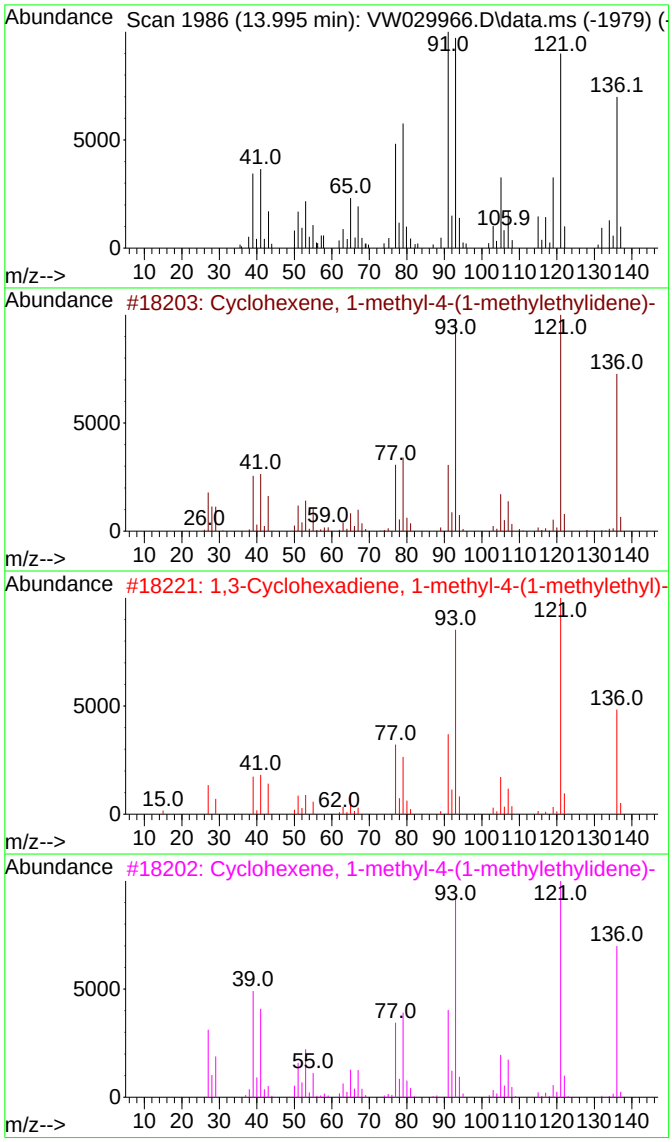
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

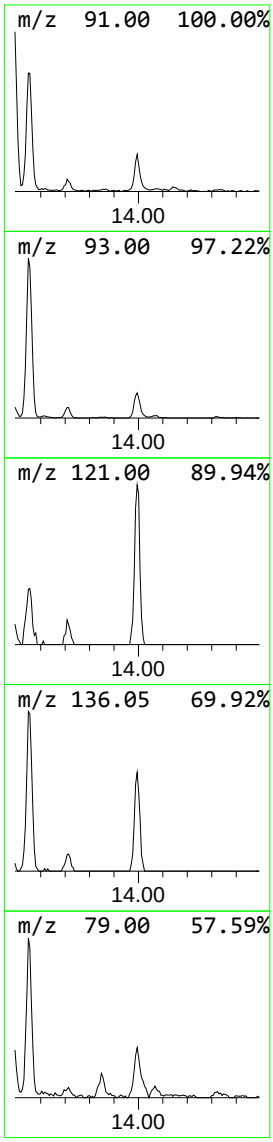
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.995	3.24 ug/L	60277	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	94
2	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	93
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93
5	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

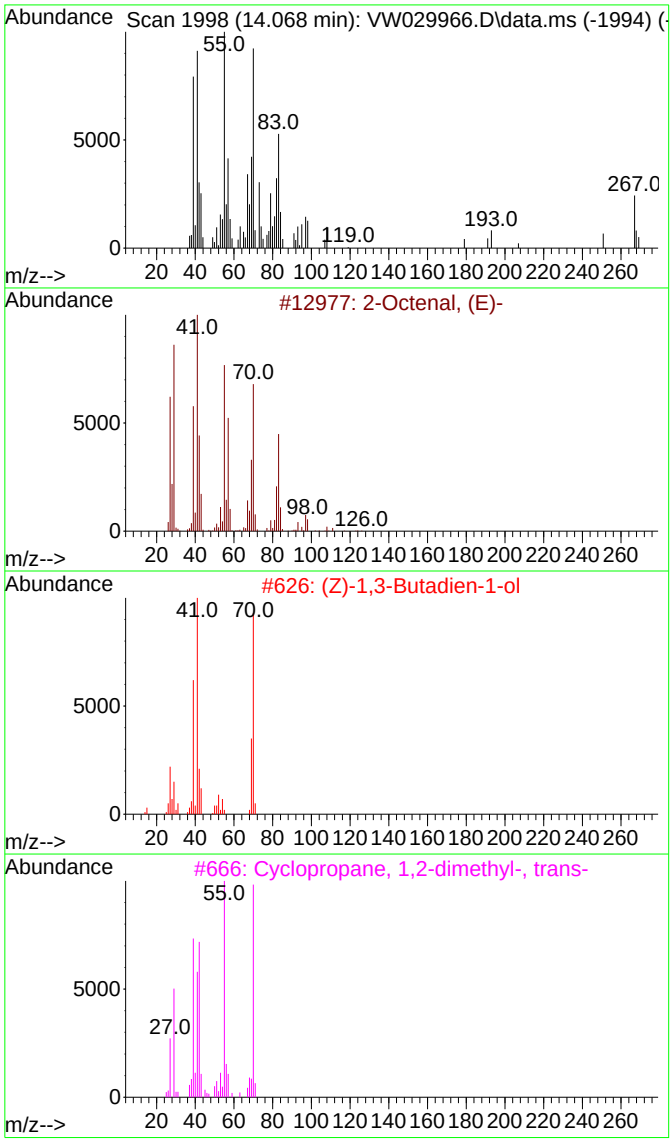
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

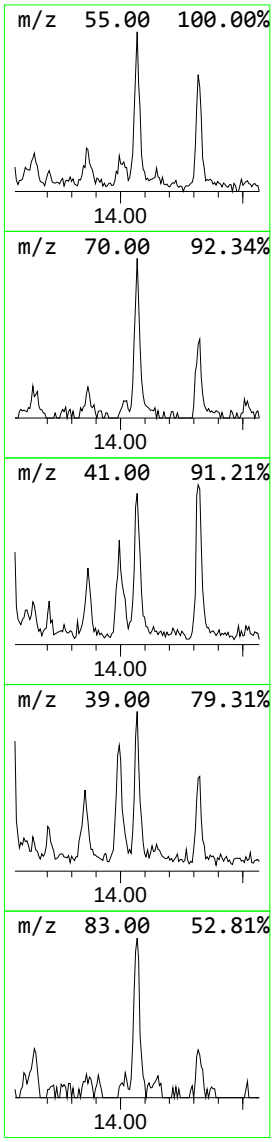
****

Peak Number 15 2-Octenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	2.12 ug/L	39413	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	72
2	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	64
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	64
4	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	64
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

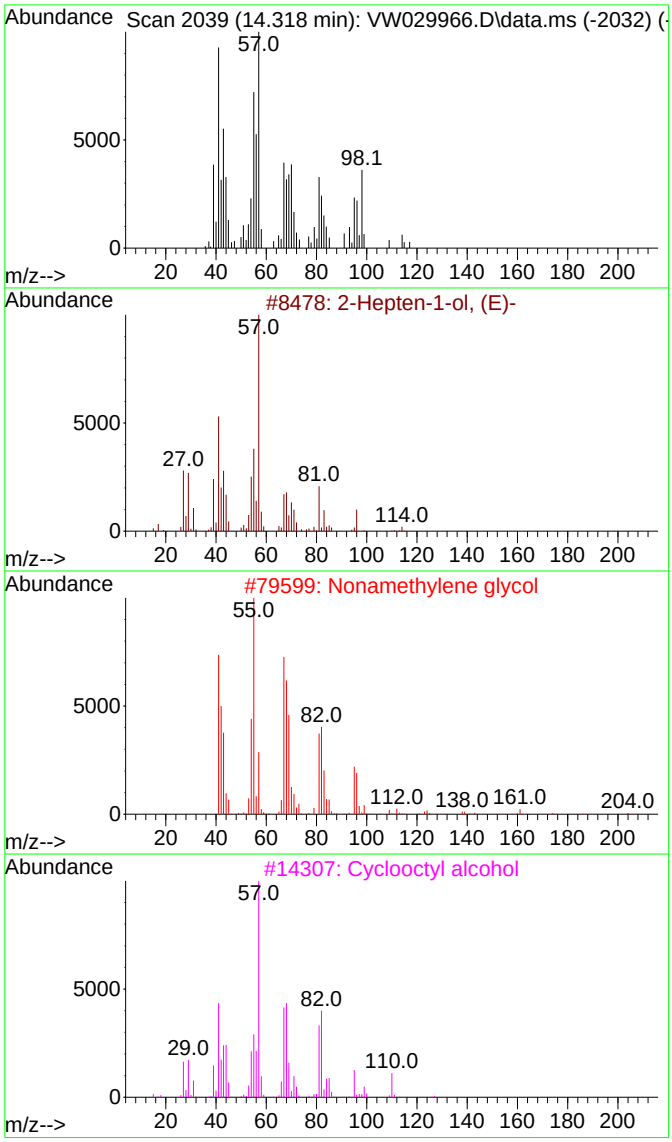
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

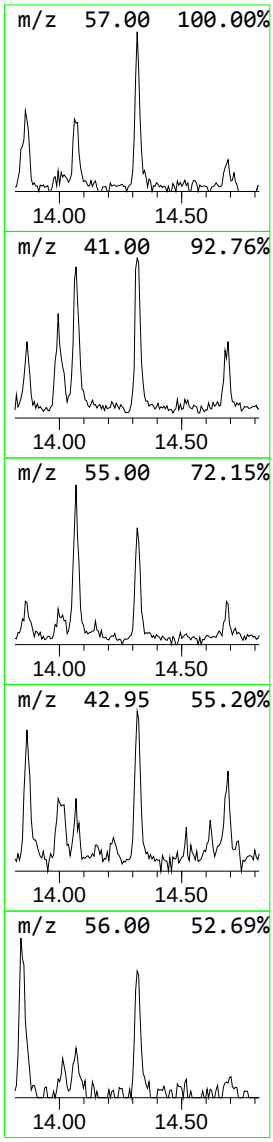
****

Peak Number 16 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.75 ug/L	32585	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	45
2	Nonamethylene glycol	204	C11H24O3	1000129-54-8	43
3	Cyclooctyl alcohol	128	C8H16O	000696-71-9	35
4	2-Nonen-1-ol	142	C9H18O	022104-79-6	35
5	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

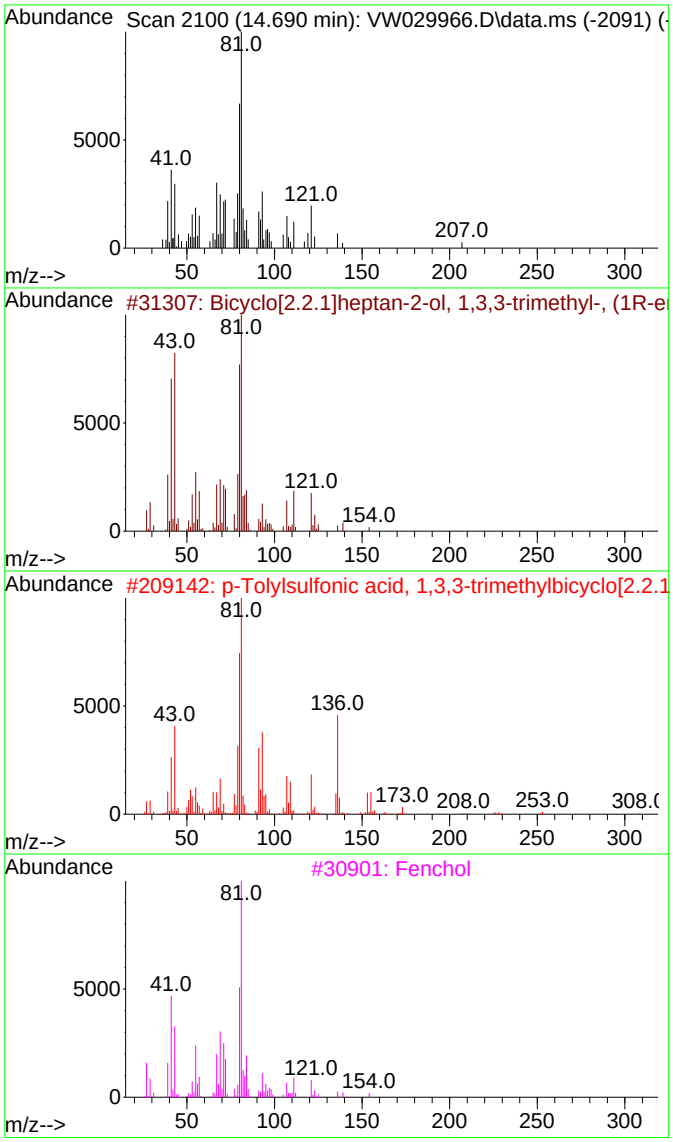
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

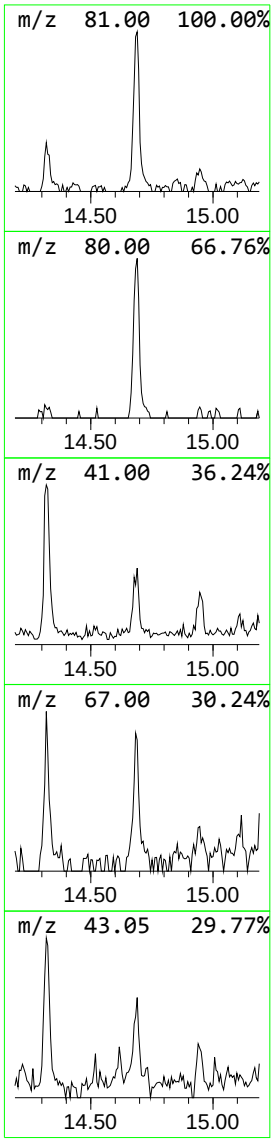
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	1.75 ug/L	32613	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	72
2	p-Tolylsulfonic acid, 1,3,3-trim...	308	C17H24O3S	1000196-53-0	50
3	Fenchol	154	C10H18O	001632-73-1	50
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	43
5	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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

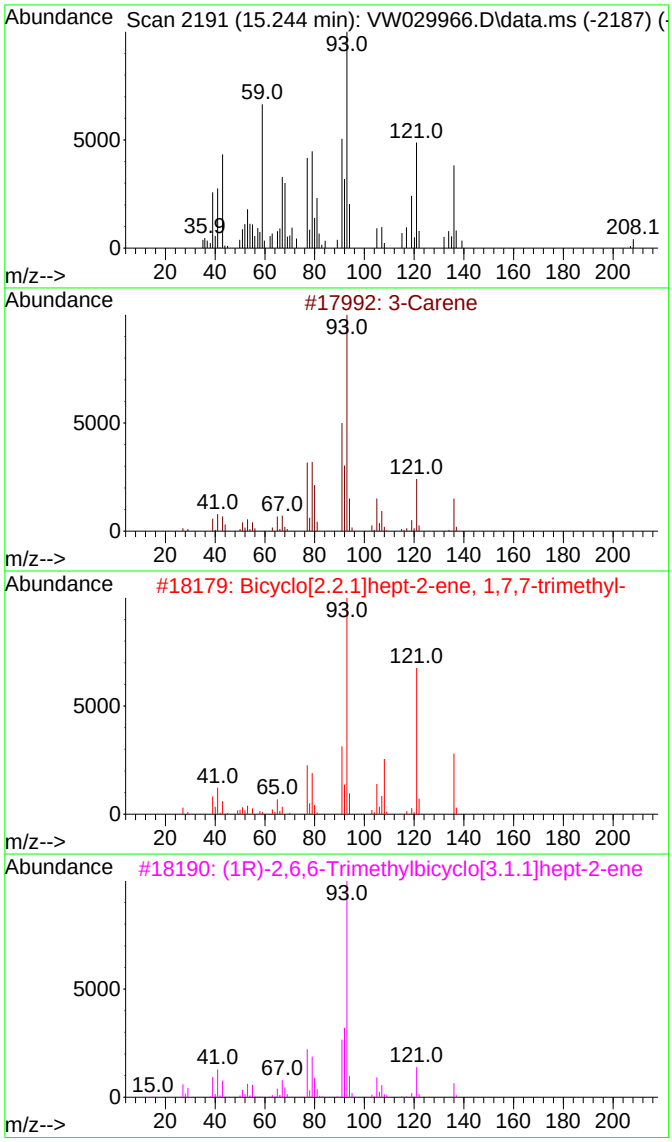
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

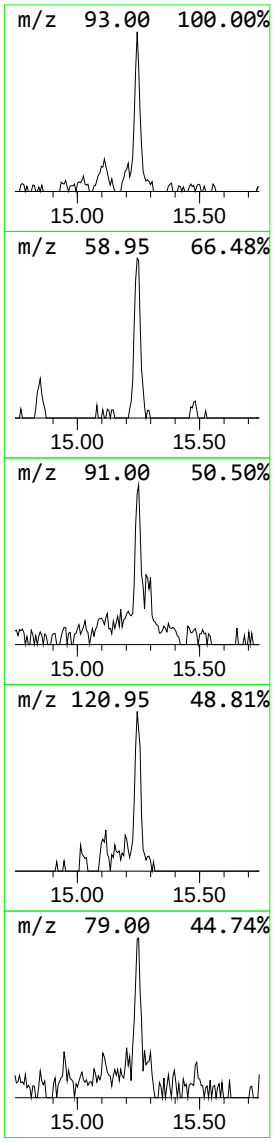
****

Peak Number 18 3-Carene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.244	1.27 ug/L	23639	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	89
2	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	70
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	64
4	2-Carene	136	C10H16	000554-61-0	64
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029966.D
Acq On : 20 Aug 2024 18:08
Operator : SY/MD
Sample : P3675-02
Misc : 3.93g/10mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY1

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
2-Butanone, 3-m...	8.703	1.4	ug/L	32872	1	8.843	607705	25.0
Butanal, 3-methyl-	9.410	4.0	ug/L	98391	1	8.843	607705	25.0
Hexanal	11.068	24.7	ug/L	570461	2	11.629	577691	25.0
Furfural	11.843	1.6	ug/L	36830	2	11.629	577691	25.0
Heptanal	12.336	3.1	ug/L	71149	2	11.629	577691	25.0
.alpha.-Pinene	12.470	62.2	ug/L	1437110	2	11.629	577691	25.0
.beta.-Myrcene	12.952	1.6	ug/L	29236	3	13.556	465323	25.0
Bicyclo[3.1.1]h...	13.025	1.5	ug/L	28136	3	13.556	465323	25.0
.alpha.-Phellan...	13.239	2.8	ug/L	51197	3	13.556	465323	25.0
Benzenemethanol...	13.361	1.5	ug/L	27976	3	13.556	465323	25.0
Benzene, 1-meth...	13.409	5.2	ug/L	96380	3	13.556	465323	25.0
D-Limonene	13.464	19.4	ug/L	360702	3	13.556	465323	25.0
Cyclohexene, 1-...	13.995	3.2	ug/L	60277	3	13.556	465323	25.0
2-Octenal, (E)-	14.068	2.1	ug/L	39413	3	13.556	465323	25.0
unknown-01	14.318	1.8	ug/L	32585	3	13.556	465323	25.0
Bicyclo[2.2.1]h...	14.690	1.8	ug/L	32613	3	13.556	465323	25.0
3-Carene	15.244	1.3	ug/L	23639	3	13.556	465323	25.0