LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030181.D
Acq On : 20 Sep 2024 17:38
Operator : SY/MD
Sample : P4109-17
Misc : 5.22g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

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\SFAMWLM091624SMA.M
Title : SFAM01.0

Signal : TIC: VW030181.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	41	47	51	rBV6	2183	5650	0.49%	0.075%
2	2.283	63	65	67	rVB3	904	648	0.06%	0.009%
3	2.369	67	79	92	rBV	58468	153464	13.20%	2.044%
4	2.570	110	112	116	rBV4	1206	1204	0.10%	0.016%
5	2.637	119	123	124	rBV3	1180	1509	0.13%	0.020%
6	2.668	126	128	132	rVB5	1498	1845	0.16%	0.025%
7	2.777	143	146	147	rBV3	585	643	0.06%	0.009%
8	2.820	151	153	157	rVB3	1483	1793	0.15%	0.024%
9	2.899	157	166	184	rBV	47055	140248	12.07%	1.868%
10	3.143	204	206	207	rVB	670	427	0.04%	0.006%
11	3.210	214	217	219	rVB4	458	506	0.04%	0.007%
12	3.393	240	247	253	rVV3	2754	6250	0.54%	0.083%
13	3.478	258	261	265	rBV3	263	365	0.03%	0.005%
14	3.856	318	323	324	rBV2	485	614	0.05%	0.008%
15	4.021	339	350	363	rBV	122178	390686	33.61%	5.204%
16	4.112	363	365	366	rBV2	1814	1330	0.11%	0.018%
17	4.246	385	387	392	rVB3	626	816	0.07%	0.011%
18	4.301	394	396	398	rVB2	394	346	0.03%	0.005%
19	4.381	405	409	412	rBV3	491	772	0.07%	0.010%
20	4.521	429	432	437	rVB2	318	447	0.04%	0.006%
21	4.631	444	450	451	rBV2	328	583	0.05%	0.008%
22	4.917	487	497	511	rVV4	4331	15716	1.35%	0.209%
23	5.130	526	532	533	rBV4	379	499	0.04%	0.007%
24	5.515	592	595	600	rBV2	257	358	0.03%	0.005%
25	5.679	621	622	626	rBV	247	322	0.03%	0.004%
26	5.795	633	641	648	rBV3	707	2241	0.19%	0.030%
27	5.941	663	665	673	rVB2	1995	3893	0.33%	0.052%
28	6.155	696	700	703	rVB2	337	477	0.04%	0.006%
29	6.191	703	706	710	rBV3	275	454	0.04%	0.006%
30	6.283	715	721	723	rBV2	225	426	0.04%	0.006%
31	6.362	729	734	739	rVB2	237	388	0.03%	0.005%
32	6.911	814	824	833	rBV5	2198	7446	0.64%	0.099%
33	7.081	843	852	859	rBV	32286	97885	8.42%	1.304%
34	7.398	901	904	907	rBV2	264	288	0.02%	0.004%
35	7.453	907	913	914	rBV3	290	405	0.03%	0.005%
36	7.496	918	920	923	rBV3	334	320	0.03%	0.004%

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Sample : P4109-17
Misc : 5.22g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

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\SFAMWLM091624SMA.M
Title : SFAM01.0

37	7.526	923	925	926	rBV	410	341	0.03%	0.005%
38	7.551	926	929	934	rVB3	549	902	0.08%	0.012%
39	7.648	934	945	962	rBV	197124	484929	41.72%	6.459%
40	8.160	1027	1029	1032	rBV2	452	457	0.04%	0.006%
41	8.191	1032	1034	1037	rVB3	297	297	0.03%	0.004%
42	8.276	1037	1048	1065	rBV2	386209	1162286	100.00%	15.482%
43	8.575	1095	1097	1101	rVB2	355	293	0.03%	0.004%
44	8.618	1101	1104	1106	rBV	340	382	0.03%	0.005%
45	8.697	1109	1117	1122	rBV6	1288	3140	0.27%	0.042%
46	8.764	1126	1128	1131	rVB2	324	312	0.03%	0.004%
47	8.843	1131	1141	1153	rBV	481659	968503	83.33%	12.901%
48	9.032	1169	1172	1173	rBV2	697	629	0.05%	0.008%
49	9.057	1173	1176	1177	rVV2	569	594	0.05%	0.008%
50	9.075	1177	1179	1185	rVB6	1517	2449	0.21%	0.033%
51	9.124	1185	1187	1190	rBV3	357	323	0.03%	0.004%
52	9.270	1203	1211	1223	rBV	251392	525069	45.18%	6.994%
53	9.380	1228	1229	1233	rVB3	589	643	0.06%	0.009%
54	9.422	1233	1236	1237	rBV3	483	336	0.03%	0.004%
55	9.441	1237	1239	1243	rVB3	591	616	0.05%	0.008%
56	9.496	1247	1248	1251	rVB2	526	376	0.03%	0.005%
57	9.526	1251	1253	1260	rVB5	409	681	0.06%	0.009%
58	9.630	1268	1270	1271	rBV2	560	537	0.05%	0.007%
59	9.666	1271	1276	1278	rBV5	1029	1513	0.13%	0.020%
60	9.721	1284	1285	1287	rBV3	634	523	0.04%	0.007%
61	9.770	1291	1293	1296	rBV3	818	978	0.08%	0.013%
62	9.813	1296	1300	1301	rBV3	499	590	0.05%	0.008%
63	9.825	1301	1302	1303	rBV	504	331	0.03%	0.004%
64	9.843	1303	1305	1309	rVB3	633	839	0.07%	0.011%
65	9.880	1309	1311	1313	rBV3	525	497	0.04%	0.007%
66	9.904	1313	1315	1318	rBV3	455	522	0.04%	0.007%
67	10.032	1327	1336	1350	rBV	116086	219101	18.85%	2.918%
68	10.130	1350	1352	1353	rBV2	662	683	0.06%	0.009%
69	10.209	1362	1365	1369	rVB4	1047	1724	0.15%	0.023%
70	10.239	1369	1370	1372	rBV2	479	378	0.03%	0.005%
71	10.319	1375	1383	1391	rVV	394802	718960	61.86%	9.577%
72	10.380	1391	1393	1400	rVB4	3636	5911	0.51%	0.079%
73	10.501	1408	1413	1418	rBV6	1342	2823	0.24%	0.038%
74	10.575	1418	1425	1435	rBV	73654	131140	11.28%	1.747%
75	10.697	1440	1445	1451	rVB	6883	12099	1.04%	0.161%
76	10.818	1463	1465	1466	rVB2	603	289	0.02%	0.004%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4ET9

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\SFAMWLM091624SMA.M
Title : SFAM01.0

77	10.855	1466	1471	1475	rBV7	1841	4093	0.35%	0.055%
78	10.922	1475	1482	1494	rBV3	139752	287864	24.77%	3.834%
79	11.050	1501	1503	1507	rVB5	1550	1892	0.16%	0.025%
80	11.337	1534	1550	1552	rBV5	5806	22051	1.90%	0.294%
81	11.629	1591	1598	1609	rBV	388121	660248	56.81%	8.795%
82	11.721	1609	1613	1618	rVB7	1495	3133	0.27%	0.042%
83	11.837	1625	1632	1637	rBV5	8253	17589	1.51%	0.234%
84	12.166	1682	1686	1691	rBV8	2904	5505	0.47%	0.073%
85	12.251	1696	1700	1704	rVB6	2345	3750	0.32%	0.050%
86	12.599	1754	1757	1763	rVB	11595	17790	1.53%	0.237%
87	12.690	1766	1772	1779	rBV	141815	236156	20.32%	3.146%
88	12.867	1797	1801	1803	rBV4	8049	13791	1.19%	0.184%
89	12.928	1807	1811	1816	rVV5	17965	41922	3.61%	0.558%
90	13.025	1824	1827	1837	rVB	51580	91169	7.84%	1.214%
91	13.275	1858	1868	1883	rVB2	124124	290660	25.01%	3.872%
92	13.550	1908	1913	1925	rBV	155951	269846	23.22%	3.594%
93	13.641	1926	1928	1933	rVB3	6293	8248	0.71%	0.110%
94	13.848	1956	1962	1975	rBV	106993	197358	16.98%	2.629%
95	14.050	1990	1995	2006	rVB2	44672	95916	8.25%	1.278%
96	14.610	2085	2087	2089	rBV3	5073	6033	0.52%	0.080%
97	14.714	2102	2104	2106	rBV3	4214	4161	0.36%	0.055%
98	15.129	2167	2172	2176	rBV6	11009	22326	1.92%	0.297%
99	15.903	2292	2299	2312	rVB10	22332	85797	7.38%	1.143%
100	16.427	2382	2385	2398	rVB10	8648	25785	2.22%	0.343%

Sum of corrected areas: 7507343

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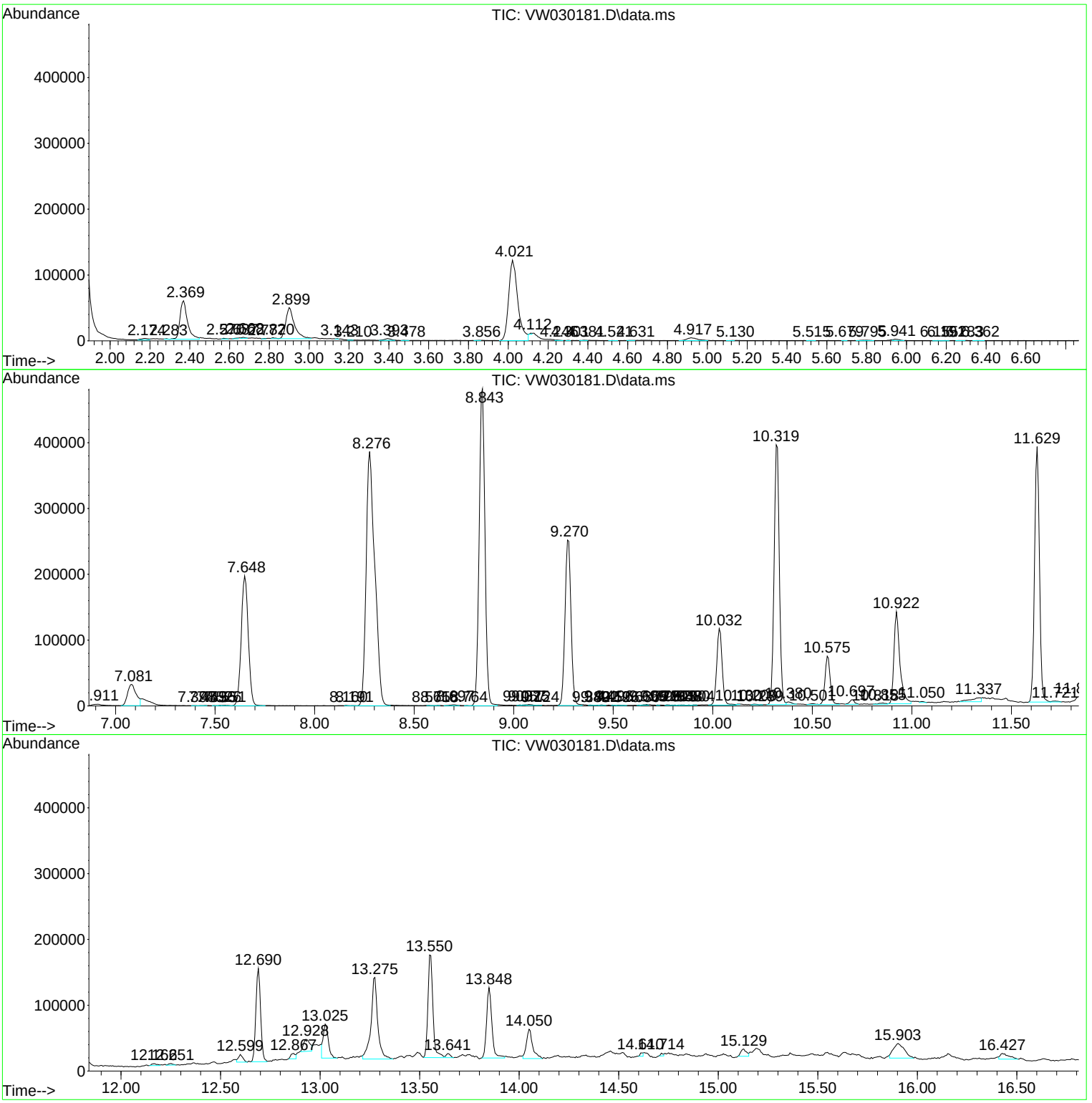
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030181.D
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Operator : SY/MD
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

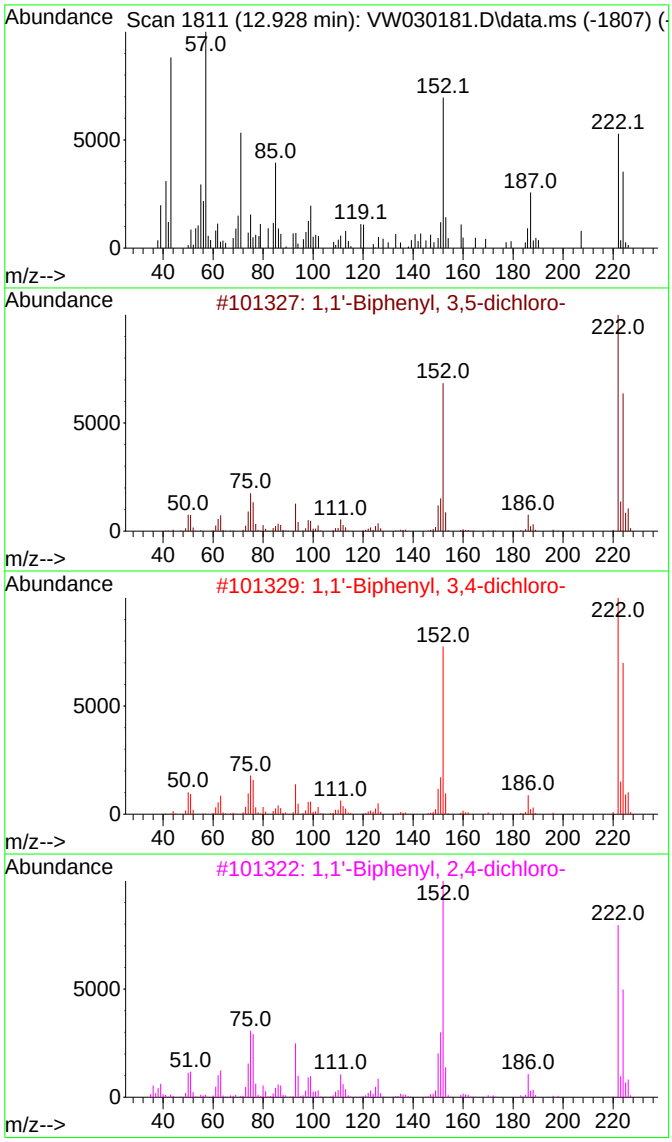
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

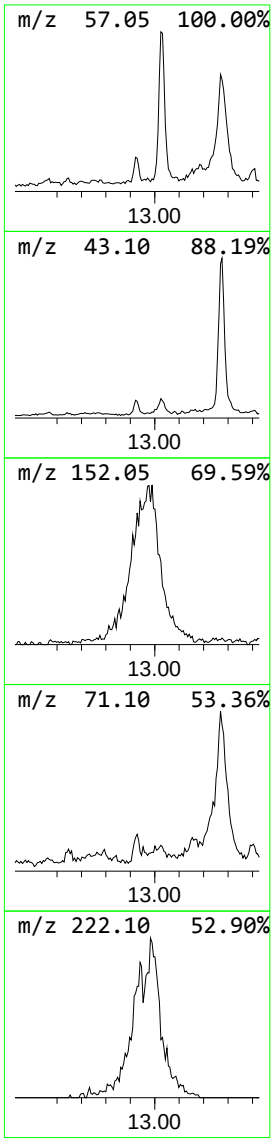
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	3.88 ug/L	41922	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	42
2	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	42
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	38
4	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	30
5	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030181.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

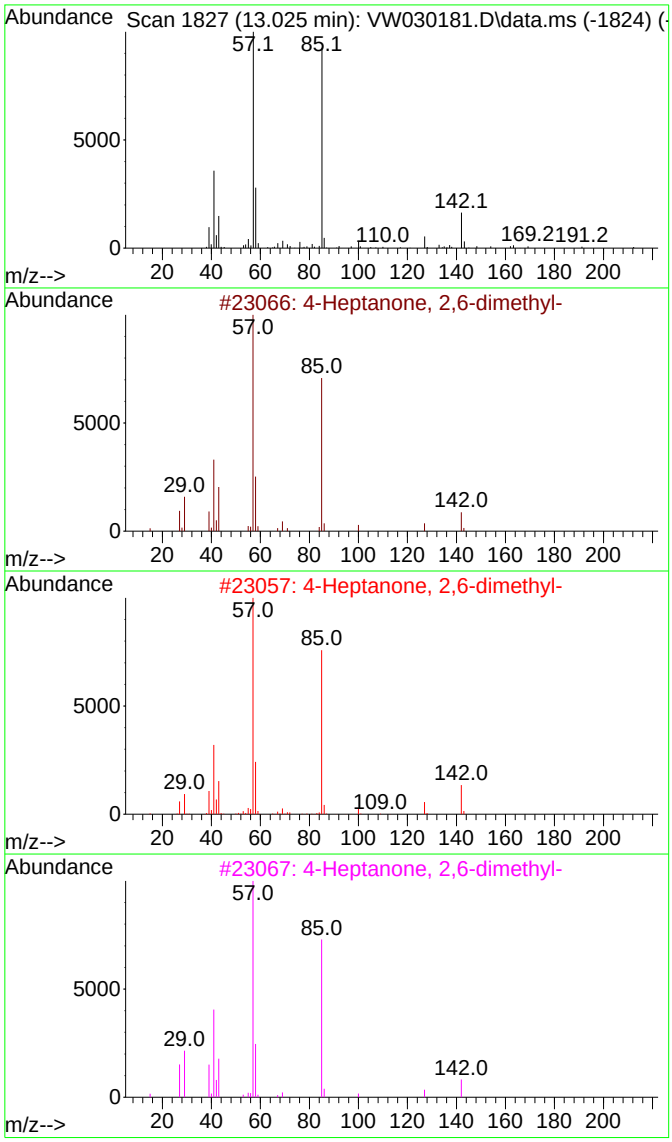
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

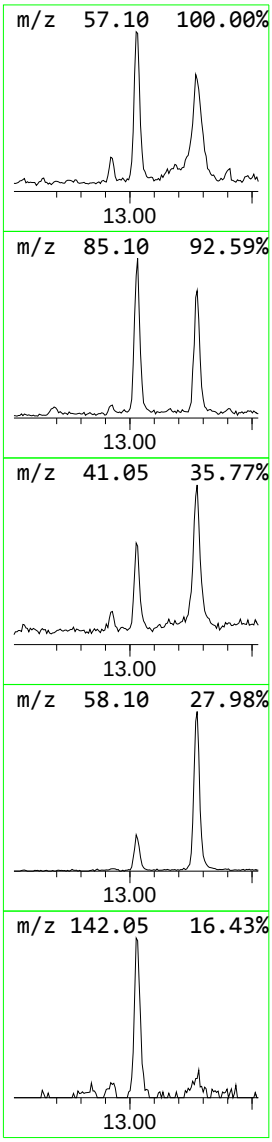
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	8.45 ug/L	91169	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	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	78
5	1-Propoxypropan-2-yl 2-methylbut...	202	C11H22O3	1000367-10-7	64





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ClientSampleId :
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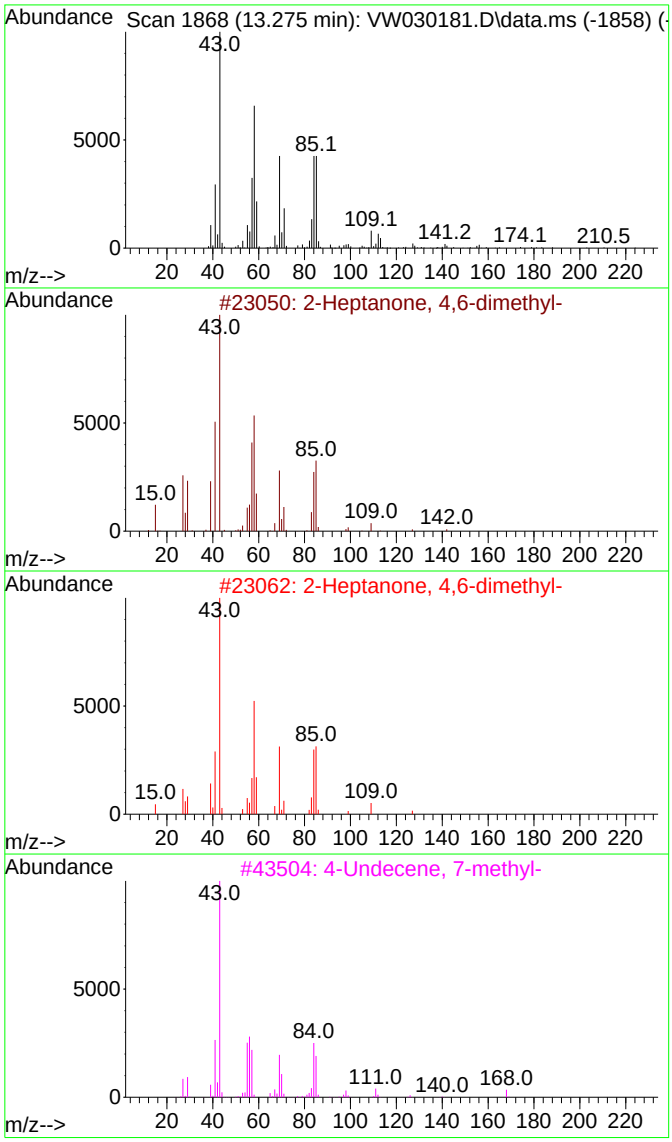
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

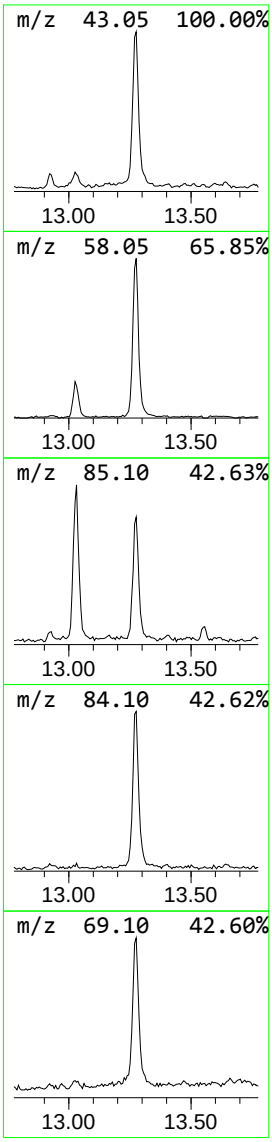
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Heptanone, 4,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	26.93 ug/L	290660	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	87
2	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	86
3	4-Undecene, 7-methyl-	168	C12H24	076441-79-7	38
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	38





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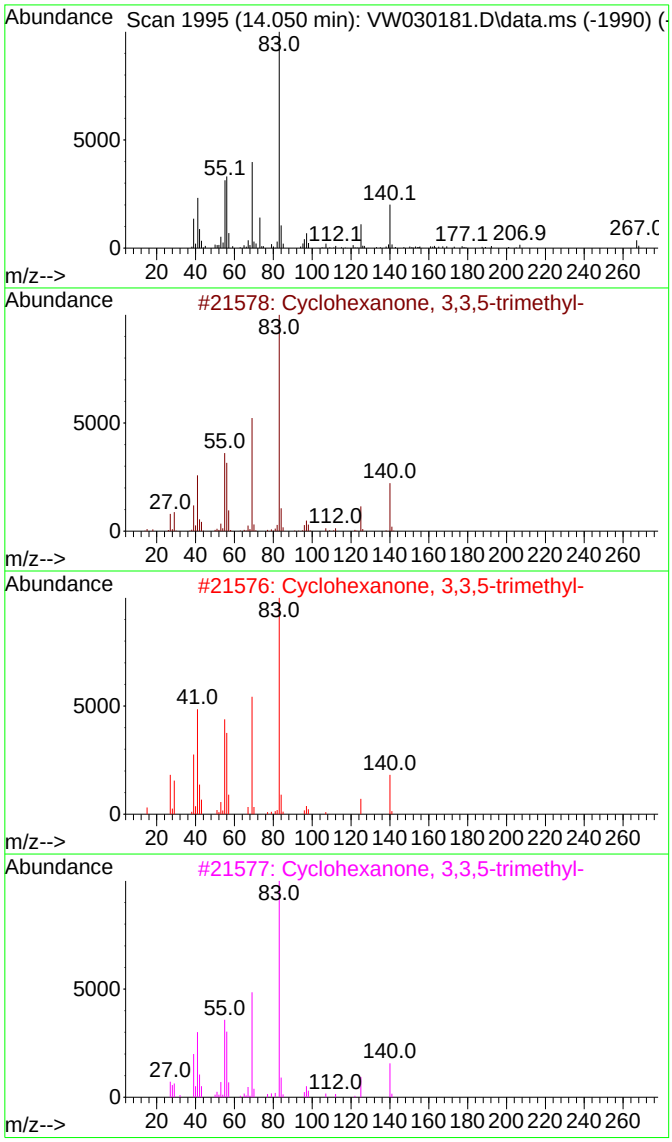
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

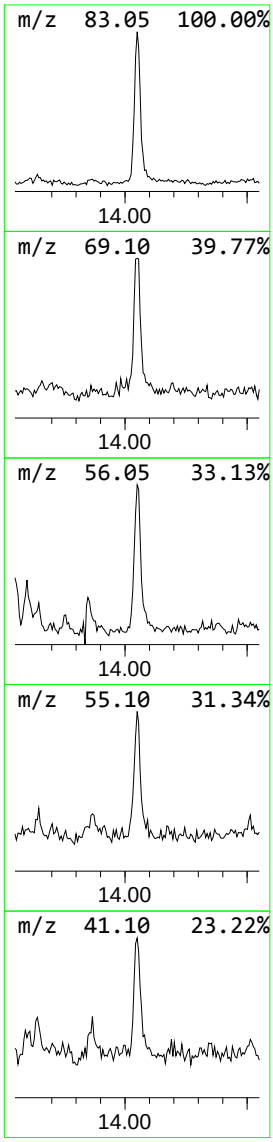
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.050	8.89 ug/L	95916	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	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	83
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	59





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

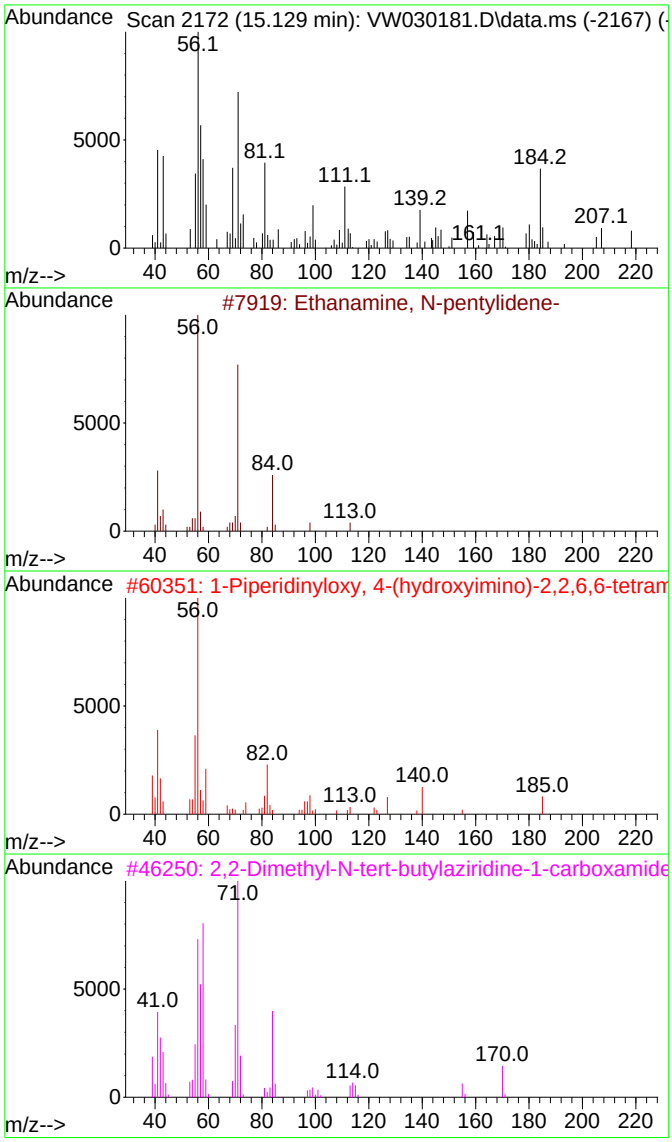
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

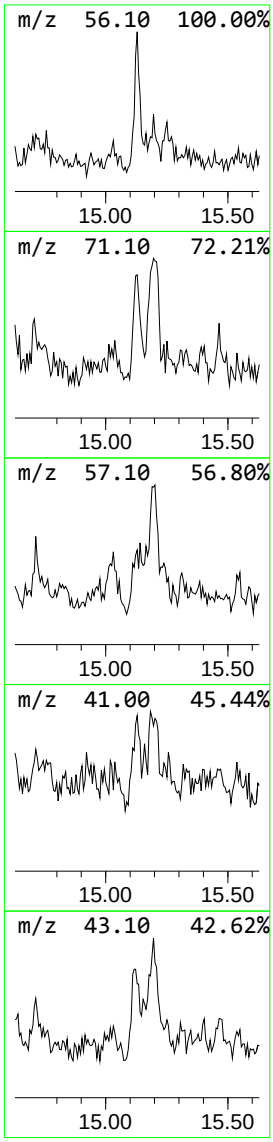
****

Peak Number 8 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.129	2.07 ug/L	22326	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	35
2	1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	30
3	2,2-Dimethyl-N-tert-butylaziridi...	170	C9H18N2O	1000306-11-4	27
4	1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	27
5	Valeric acid, 3,5-dihydroxy-2,4-...	144	C7H12O3	109717-37-5	25





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Data File : VW030181.D
Acq On : 20 Sep 2024 17:38
Operator : SY/MD
Sample : P4109-17
Misc : 5.22g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

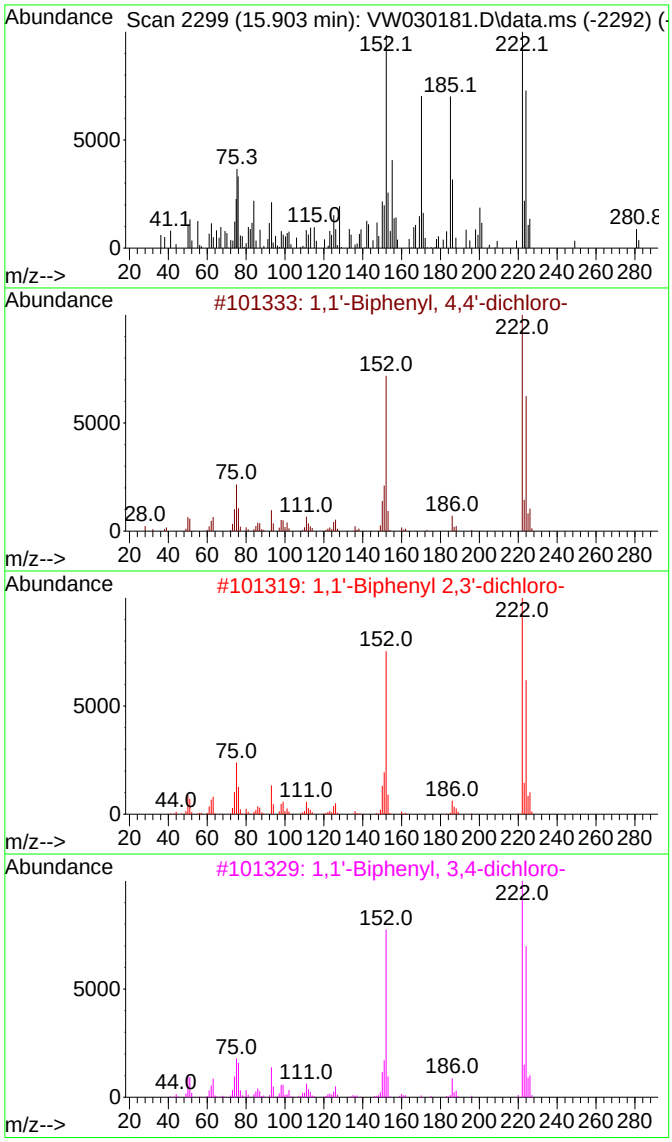
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

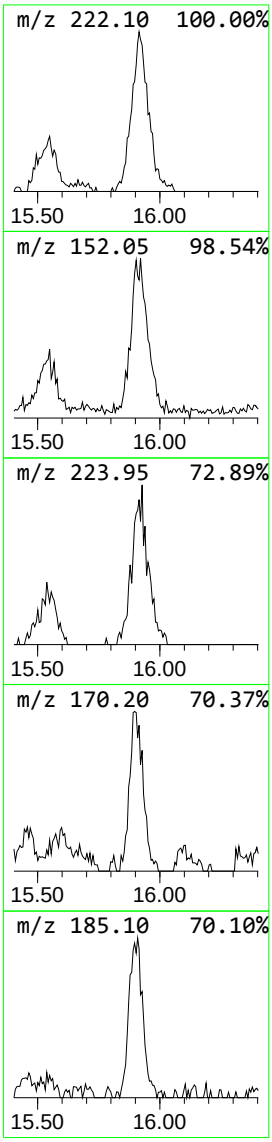
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.903	7.95 ug/L	85797	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	89
2	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	89
3	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	89
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	78
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030181.D
Acq On : 20 Sep 2024 17:38
Operator : SY/MD
Sample : P4109-17
Misc : 5.22g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

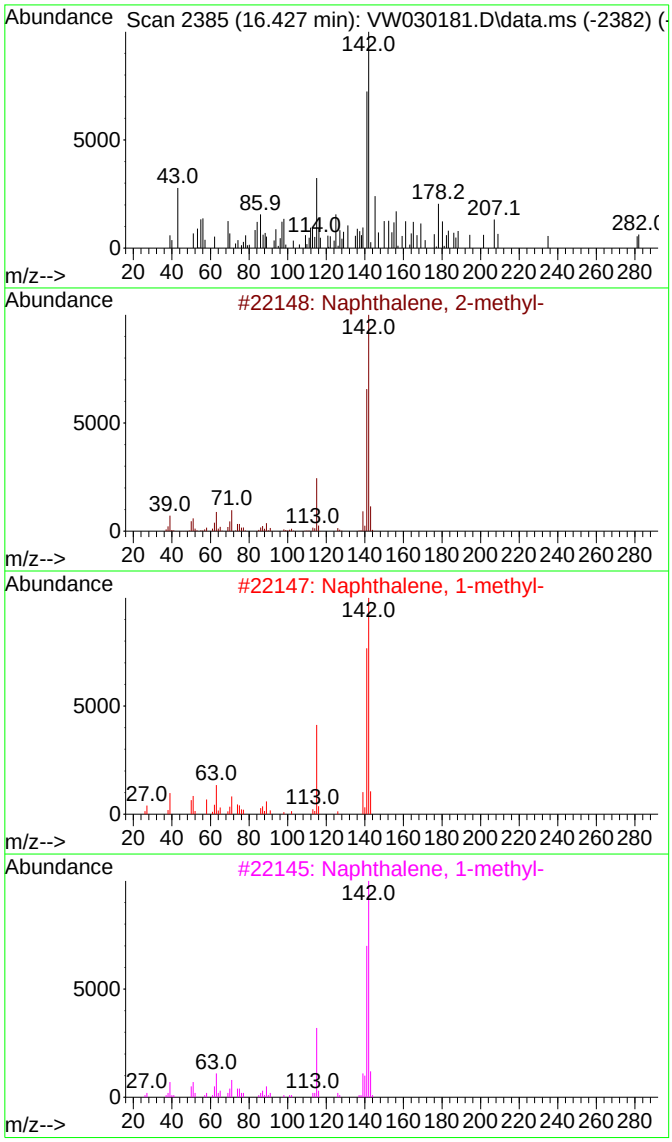
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

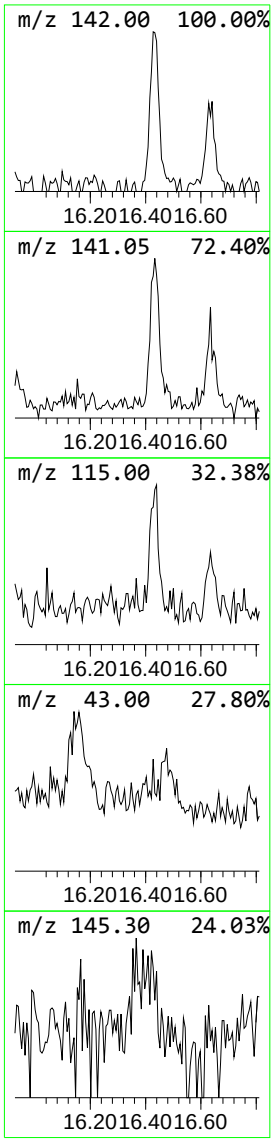
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	2.39 ug/L	25785	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	49
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	49
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	49
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	47
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030181.D
Acq On : 20 Sep 2024 17:38
Operator : SY/MD
Sample : P4109-17
Misc : 5.22g/10mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	12.928	3.9	ug/L	41922	3	13.556	269846	25.0
4-Heptanone, 2,...	13.025	8.4	ug/L	91169	3	13.556	269846	25.0
2-Heptanone, 4,...	13.275	26.9	ug/L	290660	3	13.556	269846	25.0
Cyclohexanone, ...	14.050	8.9	ug/L	95916	3	13.556	269846	25.0
unknown-02	15.129	2.1	ug/L	22326	3	13.556	269846	25.0
1,1'-Biphenyl, ...	15.903	8.0	ug/L	85797	3	13.556	269846	25.0
Naphthalene, 2-...	16.427	2.4	ug/L	25785	3	13.556	269846	25.0