LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

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\SFAMWLM100924SMA.M
Title : SFAM01.0

Signal : TIC: VW030484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.905	162	167	174	rVB2	2266	5309	23.93%	2.054%
2	3.283	228	229	234	rVB4	388	356	1.60%	0.138%
3	3.399	244	248	249	rBV3	581	715	3.22%	0.277%
4	3.716	299	300	301	rBV	772	359	1.62%	0.139%
5	3.795	308	313	316	rBV2	810	1389	6.26%	0.538%
6	4.204	378	380	382	rBV2	981	976	4.40%	0.378%
7	4.253	386	388	389	rVB2	920	530	2.39%	0.205%
8	4.271	389	391	392	rBV2	679	367	1.65%	0.142%
9	4.289	392	394	396	rVB3	841	602	2.71%	0.233%
10	4.314	396	398	399	rBV2	668	382	1.72%	0.148%
11	4.332	399	401	403	rBV3	545	440	1.98%	0.170%
12	4.606	444	446	448	rBV	635	477	2.15%	0.185%
13	4.698	456	461	463	rBV4	615	1053	4.75%	0.407%
14	4.893	492	493	494	rBV	928	553	2.49%	0.214%
15	5.082	522	524	527	rBV2	525	674	3.04%	0.261%
16	5.131	530	532	535	rVB2	555	652	2.94%	0.252%
17	5.161	535	537	539	rBV	688	683	3.08%	0.264%
18	5.289	556	558	561	rBV2	520	702	3.16%	0.272%
19	5.350	566	568	570	rBV2	479	460	2.07%	0.178%
20	5.496	588	592	595	rBV4	661	945	4.26%	0.366%
21	5.667	617	620	622	rVV4	522	802	3.62%	0.310%
22	5.722	628	629	631	rBV2	618	468	2.11%	0.181%
23	5.801	640	642	645	rBV3	419	388	1.75%	0.150%
24	5.868	650	653	656	rBV3	530	786	3.54%	0.304%
25	6.173	701	703	706	rVB3	530	546	2.46%	0.211%
26	6.240	712	714	717	rVB2	618	548	2.47%	0.212%
27	6.271	717	719	722	rVB2	793	799	3.60%	0.309%
28	6.295	722	723	726	rBV2	531	352	1.59%	0.136%
29	6.350	731	732	734	rBV	525	409	1.84%	0.158%
30	6.411	738	742	743	rVB4	532	596	2.69%	0.231%
31	6.502	755	757	759	rBV	537	472	2.13%	0.183%
32	6.557	764	766	771	rBV	764	1039	4.68%	0.402%
33	6.795	804	805	806	rBV	667	356	1.60%	0.138%
34	6.868	815	817	819	rBV2	437	443	2.00%	0.171%
35	6.984	833	836	840	rVB2	640	818	3.69%	0.317%
36	7.130	852	860	867	rBV2	3834	12237	55.16%	4.735%

LSC Area Percent Report

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Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

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\SFAMWLM100924SMA.M
Title : SFAM01.0

37	7.185	867	869	872	rVB3	966	687	3.10%	0.266%
38	7.313	887	890	892	rBV3	330	451	2.03%	0.175%
39	7.490	916	919	920	rBV2	746	787	3.55%	0.305%
40	7.526	923	925	926	rBV	714	372	1.68%	0.144%
41	7.648	937	945	955	rBV2	5980	15972	71.99%	6.181%
42	7.740	959	960	962	rBV2	419	373	1.68%	0.144%
43	7.880	980	983	987	rBV4	710	1115	5.03%	0.431%
44	7.947	993	994	997	rBV2	300	367	1.65%	0.142%
45	7.978	997	999	1001	rVV2	636	577	2.60%	0.223%
46	8.026	1005	1007	1008	rVV	613	418	1.88%	0.162%
47	8.069	1012	1014	1016	rVV	505	440	1.98%	0.170%
48	8.093	1016	1018	1019	rVB	679	427	1.92%	0.165%
49	8.112	1019	1021	1023	rVB2	720	474	2.14%	0.183%
50	8.209	1034	1037	1038	rBV3	824	867	3.91%	0.336%
51	8.282	1043	1049	1051	rBV2	9541	18560	83.66%	7.182%
52	8.447	1074	1076	1078	rVB3	623	461	2.08%	0.178%
53	8.587	1096	1099	1102	rVB4	695	808	3.64%	0.313%
54	8.618	1102	1104	1105	rBV2	512	446	2.01%	0.173%
55	8.709	1115	1119	1120	rBV4	385	377	1.70%	0.146%
56	8.782	1129	1131	1132	rBV	368	391	1.76%	0.151%
57	8.843	1135	1141	1152	rVV2	7060	17171	77.40%	6.645%
58	8.941	1155	1157	1159	rBV3	547	601	2.71%	0.233%
59	9.014	1167	1169	1171	rBV2	491	550	2.48%	0.213%
60	9.069	1176	1178	1183	rVB3	561	811	3.66%	0.314%
61	9.105	1183	1184	1186	rBV2	561	448	2.02%	0.173%
62	9.276	1205	1212	1222	rBV3	9667	22185	100.00%	8.585%
63	9.447	1236	1240	1241	rBV	701	603	2.72%	0.233%
64	9.618	1266	1268	1269	rBV	441	388	1.75%	0.150%
65	9.642	1269	1272	1275	rVV2	667	877	3.95%	0.339%
66	9.715	1283	1284	1289	rVB3	710	913	4.12%	0.353%
67	9.776	1292	1294	1295	rBV2	424	385	1.74%	0.149%
68	9.874	1308	1310	1313	rBV3	547	718	3.24%	0.278%
69	9.904	1313	1315	1317	rVB2	534	474	2.14%	0.183%
70	9.965	1322	1325	1326	rBV2	744	763	3.44%	0.295%
71	10.038	1331	1337	1348	rVV3	3477	7476	33.70%	2.893%
72	10.136	1352	1353	1355	rBV	607	523	2.36%	0.202%
73	10.325	1379	1384	1389	rBV	8971	17523	78.99%	6.781%
74	10.428	1399	1401	1403	rVB	485	353	1.59%	0.137%
75	10.526	1415	1417	1418	rVB	736	415	1.87%	0.161%
76	10.587	1423	1427	1434	rVB5	2377	4801	21.64%	1.858%

LSC Area Percent Report

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Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EOAX0

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\SFAMWLM100924SMA.M
Title : SFAM01.0

77	10.654	1436	1438	1440	rBV3	509	408	1.84%	0.158%
78	10.703	1440	1446	1452	rBV2	4036	8107	36.54%	3.137%
79	10.898	1476	1478	1479	rBV2	507	440	1.98%	0.170%
80	10.928	1479	1483	1485	rBV3	2730	3753	16.92%	1.452%
81	11.062	1504	1505	1509	rVB4	471	365	1.65%	0.141%
82	11.245	1534	1535	1537	rBV2	686	515	2.32%	0.199%
83	11.282	1537	1541	1544	rBV3	805	1256	5.66%	0.486%
84	11.373	1553	1556	1558	rBV3	604	686	3.09%	0.265%
85	11.550	1582	1585	1586	rBV2	426	399	1.80%	0.154%
86	11.629	1592	1598	1604	rBV	10578	19003	85.66%	7.354%
87	11.892	1640	1641	1644	rBV2	748	846	3.81%	0.327%
88	12.093	1672	1674	1677	rVB4	509	511	2.30%	0.198%
89	12.135	1677	1681	1682	rBV3	644	796	3.59%	0.308%
90	12.178	1686	1688	1691	rVB3	700	604	2.72%	0.234%
91	12.324	1709	1712	1713	rBV3	548	617	2.78%	0.239%
92	12.605	1750	1758	1762	rBV2	4176	7189	32.40%	2.782%
93	12.690	1767	1772	1778	rVB3	9449	16559	74.64%	6.408%
94	12.769	1783	1785	1787	rBV2	652	698	3.15%	0.270%
95	13.129	1842	1844	1846	rBV3	818	789	3.56%	0.305%
96	13.507	1902	1906	1907	rBV4	1094	1414	6.37%	0.547%
97	13.556	1909	1914	1921	rVB3	8141	15131	68.20%	5.855%
98	13.855	1958	1963	1969	rVB4	8510	16048	72.34%	6.210%
99	14.263	2028	2030	2031	rBV2	899	471	2.12%	0.182%
100	16.568	2406	2408	2409	rBV2	1162	774	3.49%	0.300%

Sum of corrected areas: 258410

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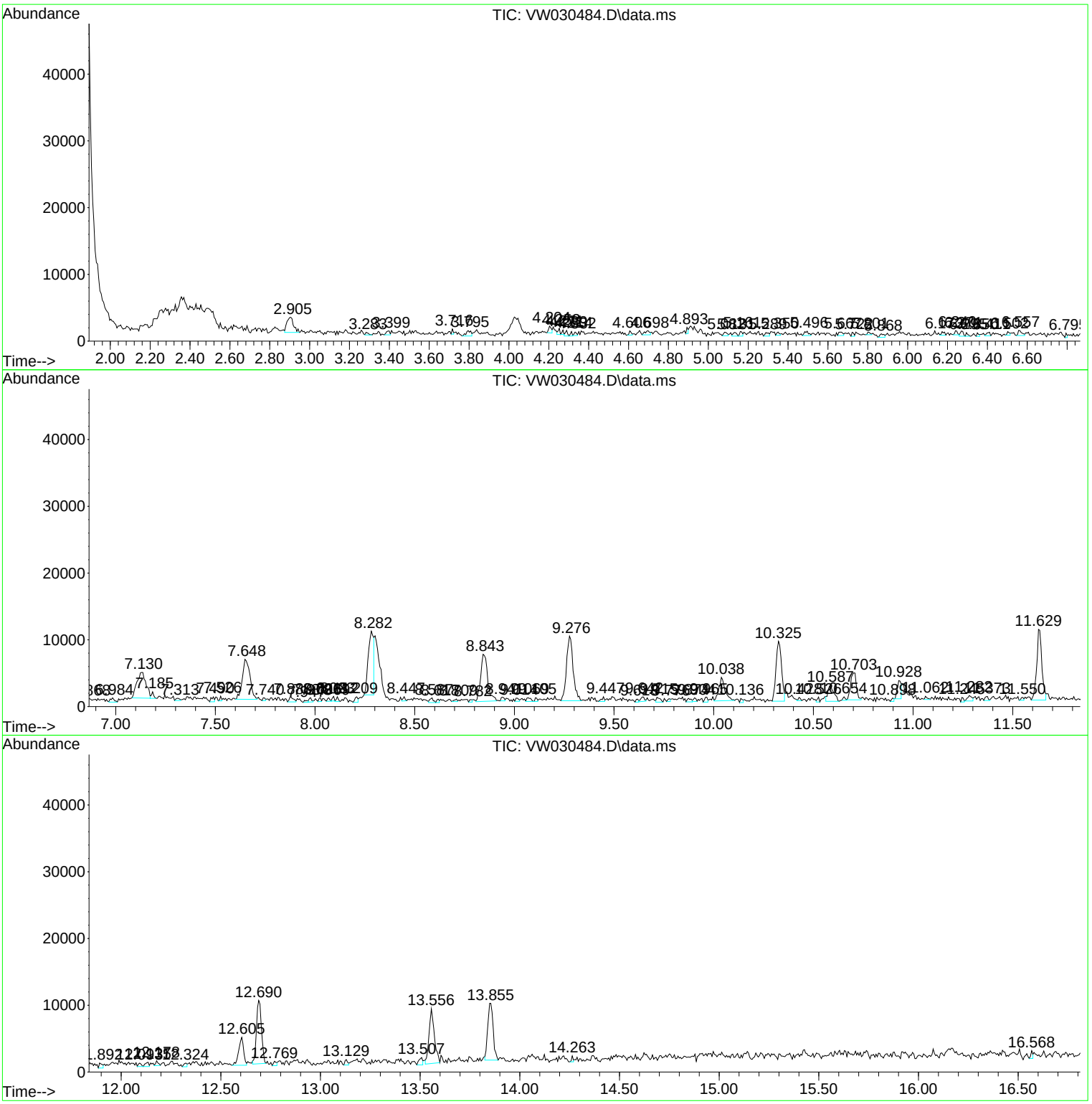
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

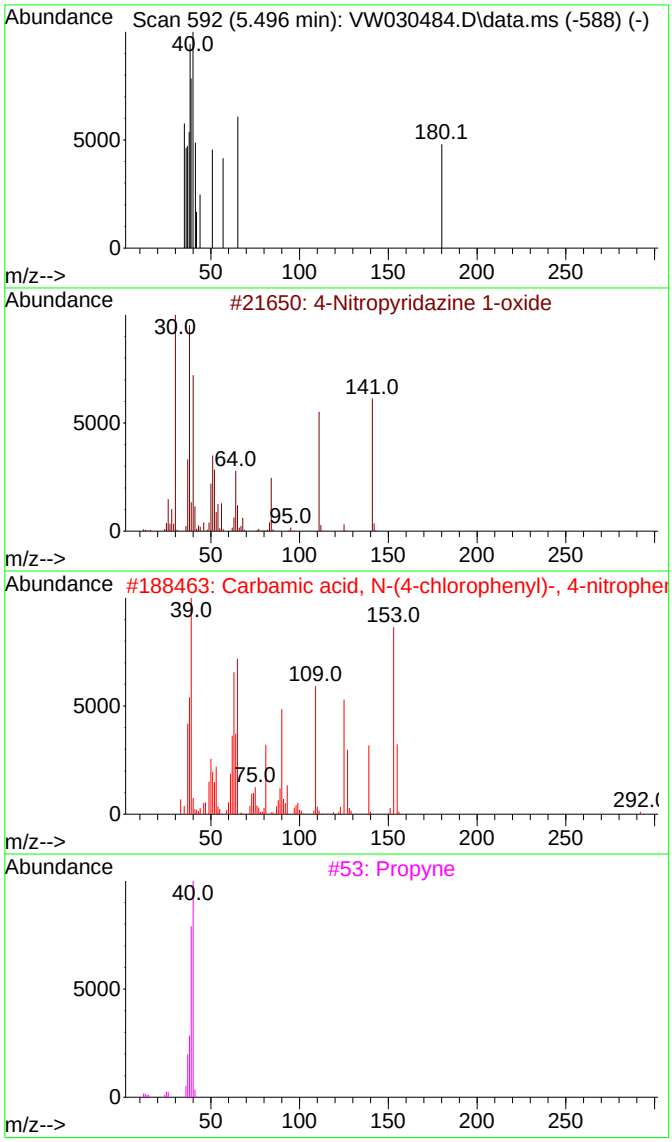
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

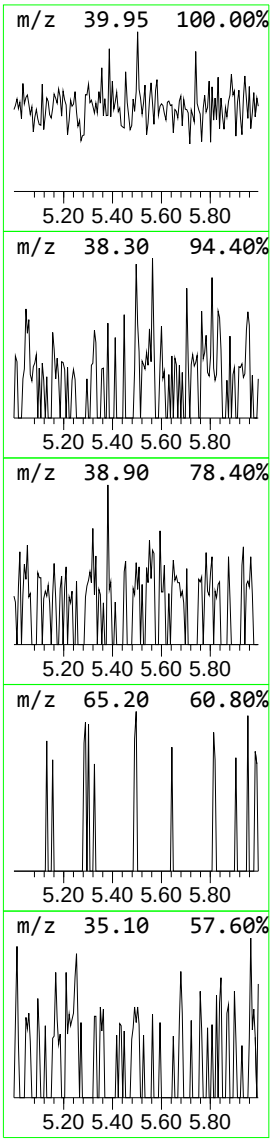
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.496	1.38 ug/L	945	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitropyridazine 1-oxide	141	C4H3N3O3	028147-45-7	16
2	Carbamic acid, N-(4-chlorophenyl...	292	C13H9ClN2O4	003848-41-7	9
3	Propyne	40	C3H4	000074-99-7	5
4	Allene	40	C3H4	000463-49-0	5
5	Cyclopropene	40	C3H4	002781-85-3	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

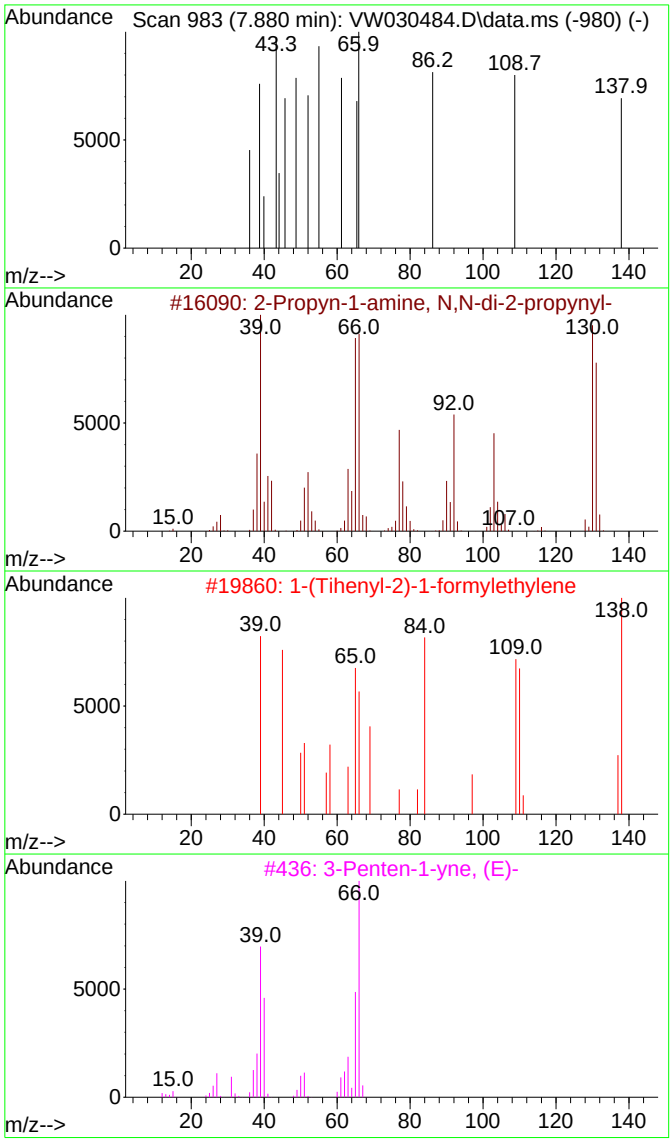
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

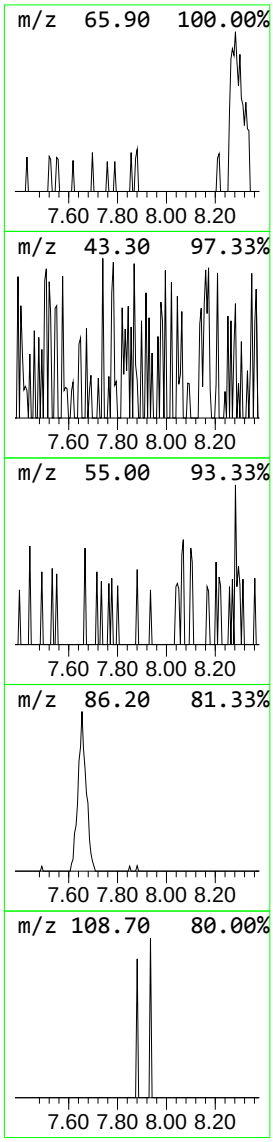
****

Peak Number 6 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.880	1.62 ug/L	1115	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-amine, N,N-di-2-propy...	131	C9H9N	006921-29-5	25
2	1-(Tihenyl-2)-1-formylethylene	138	C7H6OS	134839-25-1	25
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	23
4	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	23
5	3-Penten-1-yne	66	C5H6	002206-23-7	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

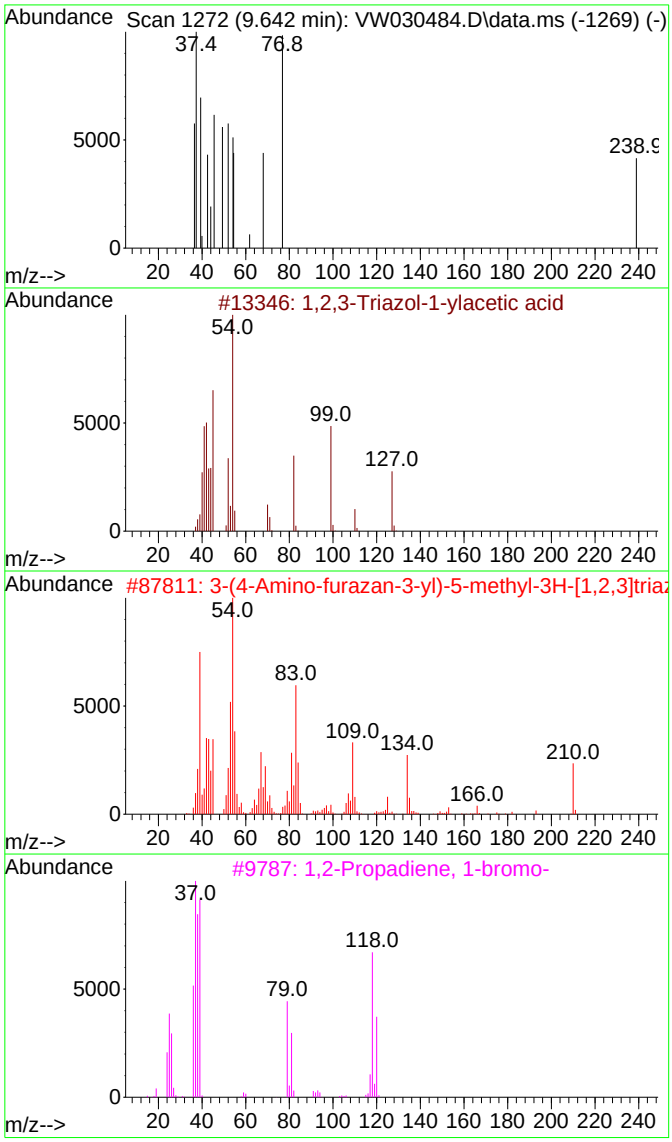
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

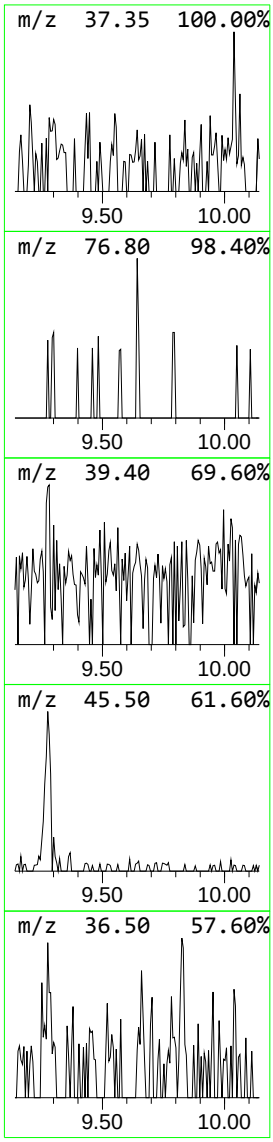
****

Peak Number 8 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.642	1.28 ug/L	877	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Triazol-1-ylacetic acid	127	C4H5N3O2	004314-22-1	12
2	3-(4-Amino-furazan-3-yl)-5-methy...	210	C6H6N6O3	1000300-52-1	12
3	1,2-Propadiene, 1-bromo-	118	C3H3Br	010024-18-7	9
4	1,5-Hexadiyne	78	C6H6	000628-16-0	9
5	Cycloheptene	96	C7H12	000628-92-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
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Sample : P4346-10
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

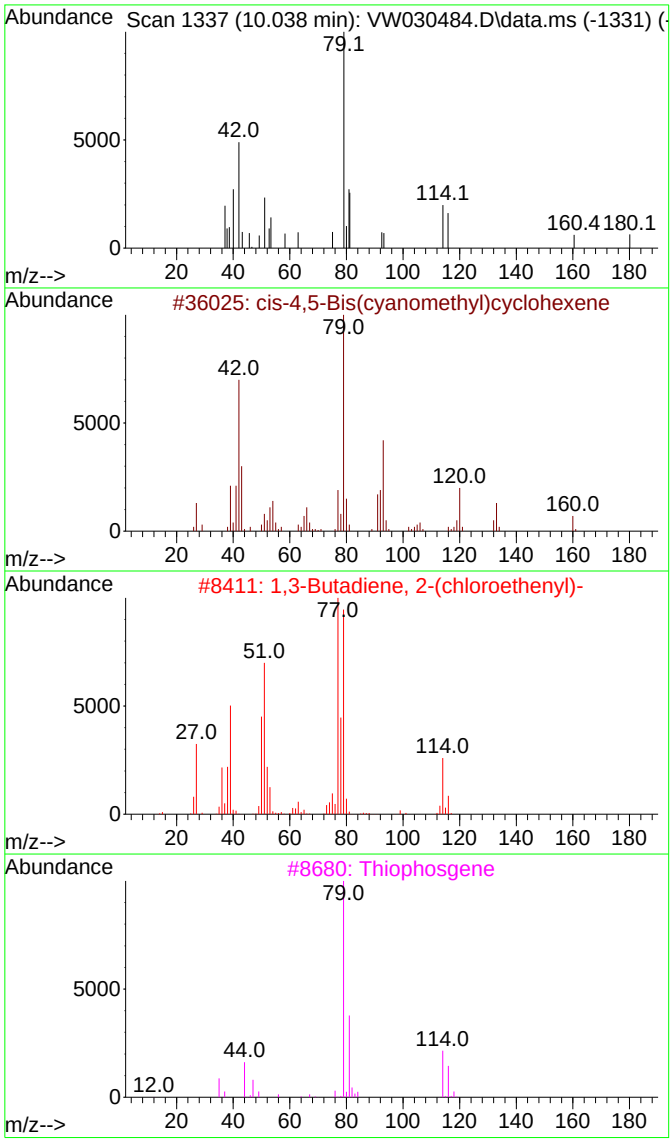
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

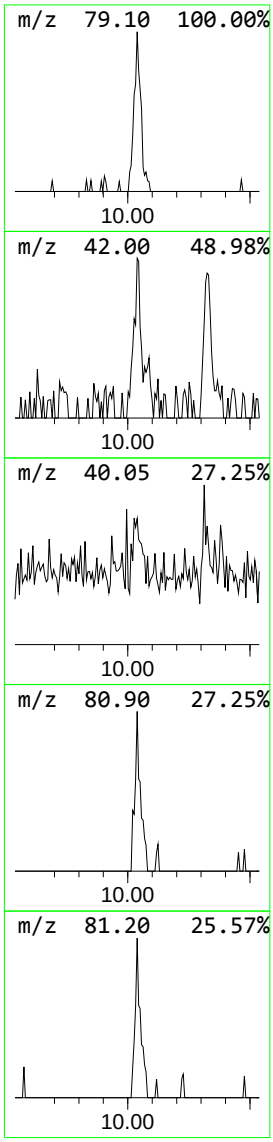
****

Peak Number 10 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.038	10.88 ug/L	7476	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4,5-Bis(cyanomethyl)cyclohexene	160	C10H12N2	025886-61-7	17
2	1,3-Butadiene, 2-(chloroethenyl)-	114	C6H7Cl	080297-56-9	16
3	Thiophosgene	114	CCl2S	000463-71-8	9
4	Phenol, 2-amino-6-chloro-	143	C6H6ClNO	1000362-58-8	9
5	1,2-Cyclononadiene	122	C9H14	001123-11-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

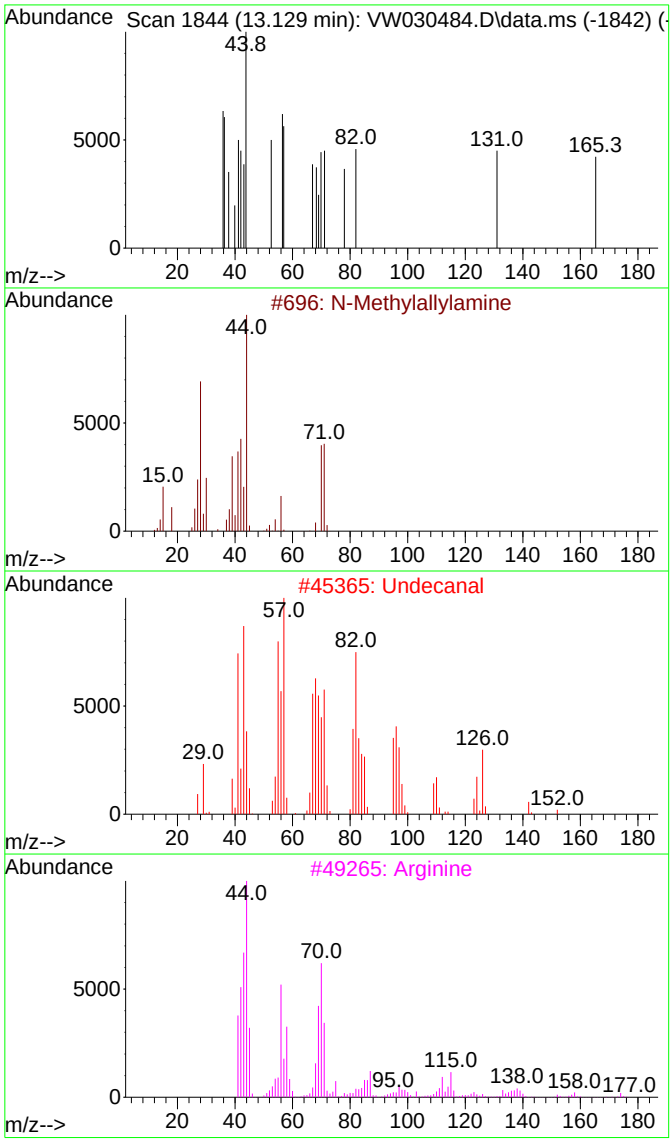
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

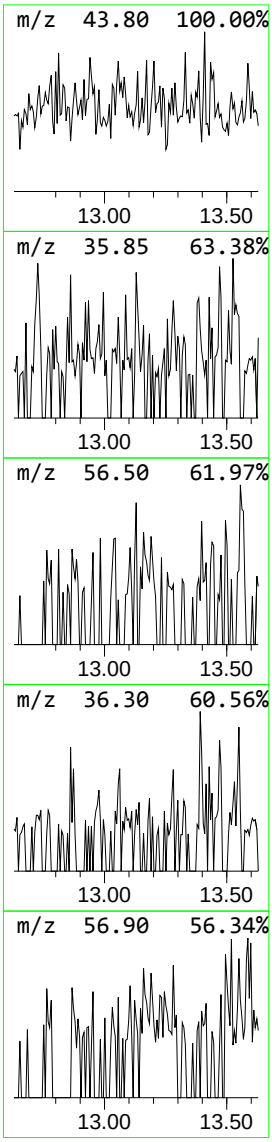
****

Peak Number 14 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.129	1.30 ug/L	789	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methylallylamine	71	C4H9N	000627-37-2	11
2	Undecanal	170	C11H22O	000112-44-7	9
3	Arginine	174	C6H14N4O2	000074-79-3	8
4	Hydrogen chloride	36	ClH	007647-01-0	5
5	Hydrogen chloride	36	ClH	007647-01-0	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

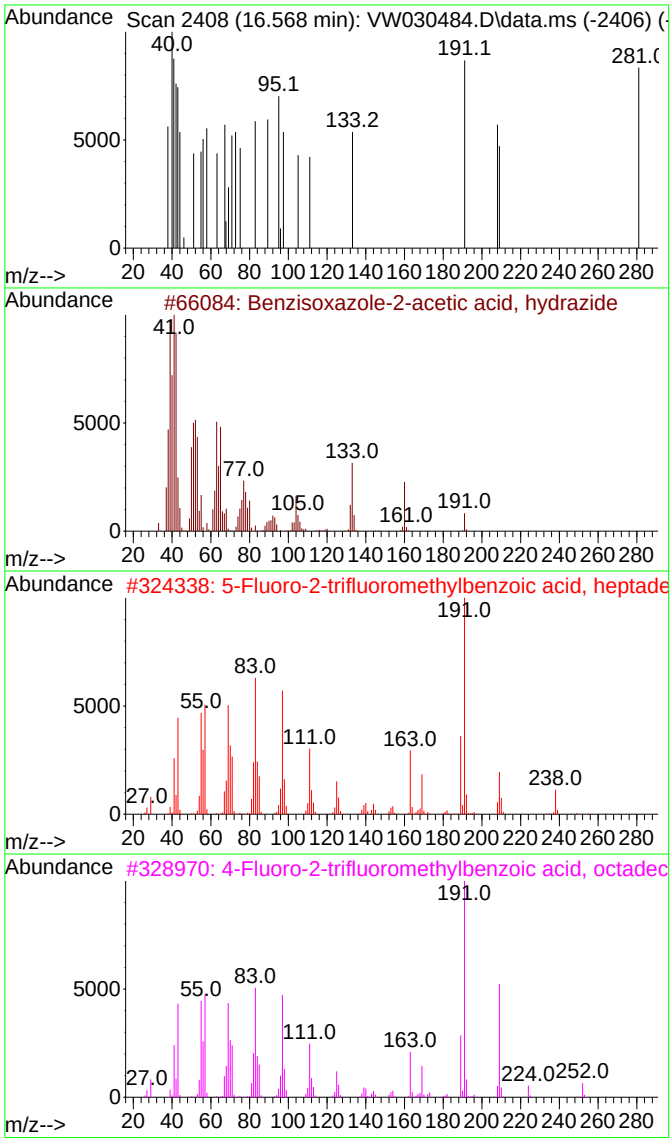
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

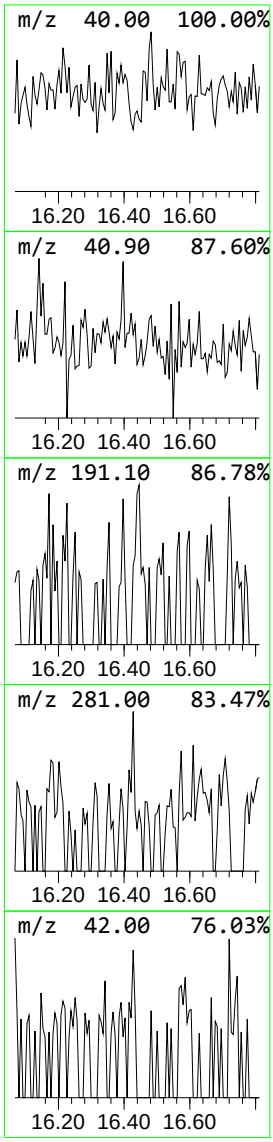
****

Peak Number 15 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.567	1.28 ug/L	774	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzisoxazole-2-acetic acid, hyd...	191	C9H9N3O2	055244-10-5	35
2	5-Fluoro-2-trifluoromethylbenzoi...	446	C25H38F4O2	1000338-75-3	10
3	4-Fluoro-2-trifluoromethylbenzoi...	460	C26H40F4O2	1000338-83-5	10
4	4-Fluoro-3-trifluoromethylbenzoi...	446	C25H38F4O2	1000338-92-9	10
5	4-Fluoro-2-trifluoromethylbenzoi...	446	C25H38F4O2	1000338-83-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030484.D
Acq On : 09 Oct 2024 19:35
Operator : SY/MD
Sample : P4346-10
Misc : 2.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAX0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.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	5.496	1.4	ug/L	945	1	8.843	17171	25.0
unknown-02	7.880	1.6	ug/L	1115	1	8.843	17171	25.0
unknown-03	9.642	1.3	ug/L	877	1	8.843	17171	25.0
unknown-04	10.038	10.9	ug/L	7476	1	8.843	17171	25.0
unknown-05	13.129	1.3	ug/L	789	3	13.556	15131	25.0
unknown-06	16.567	1.3	ug/L	774	3	13.556	15131	25.0