LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
Data File : VY020552.D
Acq On : 09 Dec 2024 13:47
Operator : SY/MD
Sample : P5175-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\methods\82Y120224S.M
Title : SW846 8260

Signal : TIC: VY020552.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.092	380	389	390	rBV2	900	1494	1.08%	0.325%
2	6.878	835	846	848	rBV5	1713	4077	2.96%	0.886%
3	7.634	961	970	975	rBV2	4795	11454	8.31%	2.490%
4	7.707	975	982	990	rVB3	9859	22692	16.47%	4.933%
5	8.061	1028	1040	1049	rVB4	5214	14483	10.51%	3.149%
6	8.610	1125	1130	1138	rVB	13872	27834	20.20%	6.051%
7	8.841	1162	1168	1170	rBV5	1052	1579	1.15%	0.343%
8	9.670	1300	1304	1307	rVV6	1796	2437	1.77%	0.530%
9	9.878	1336	1338	1340	rBV3	1799	1619	1.17%	0.352%
10	10.103	1370	1375	1382	rBV	20317	39029	28.32%	8.485%
11	10.542	1445	1447	1449	rBV3	2192	1566	1.14%	0.340%
12	10.835	1493	1495	1496	rBV2	2575	1670	1.21%	0.363%
13	11.414	1586	1590	1600	rVB2	16799	30557	22.17%	6.643%
14	11.615	1617	1623	1624	rBV6	18946	28790	20.89%	6.259%
15	12.408	1749	1753	1757	rBV5	11999	20672	15.00%	4.494%
16	12.615	1780	1787	1789	rBV3	23456	52336	37.98%	11.378%
17	13.176	1874	1879	1890	rVB5	44132	137815	100.00%	29.962%
18	13.359	1904	1909	1912	rBV7	11240	27700	20.10%	6.022%
19	13.529	1933	1937	1938	rBV3	11075	14945	10.84%	3.249%
20	14.950	2166	2170	2177	rVB10	5770	12176	8.84%	2.647%
21	16.230	2378	2380	2383	rVB4	1198	1485	1.08%	0.323%
22	16.322	2392	2395	2396	rBV3	1632	1810	1.31%	0.394%
23	16.340	2396	2398	2400	rBV2	1518	1747	1.27%	0.380%

Sum of corrected areas: 459967

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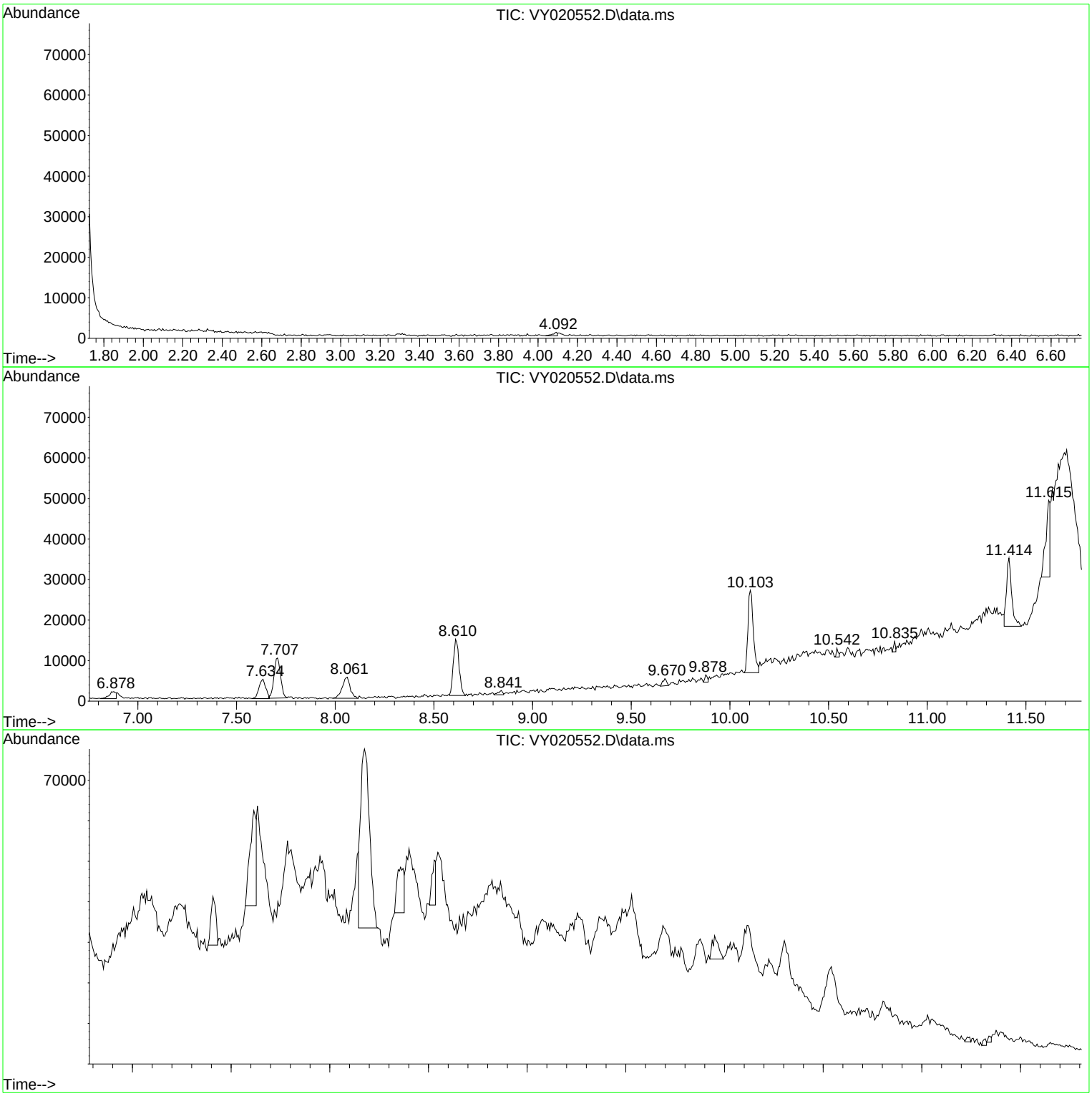
ClientSampleId :
OK-01-12062024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260

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



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ClientSampleId :
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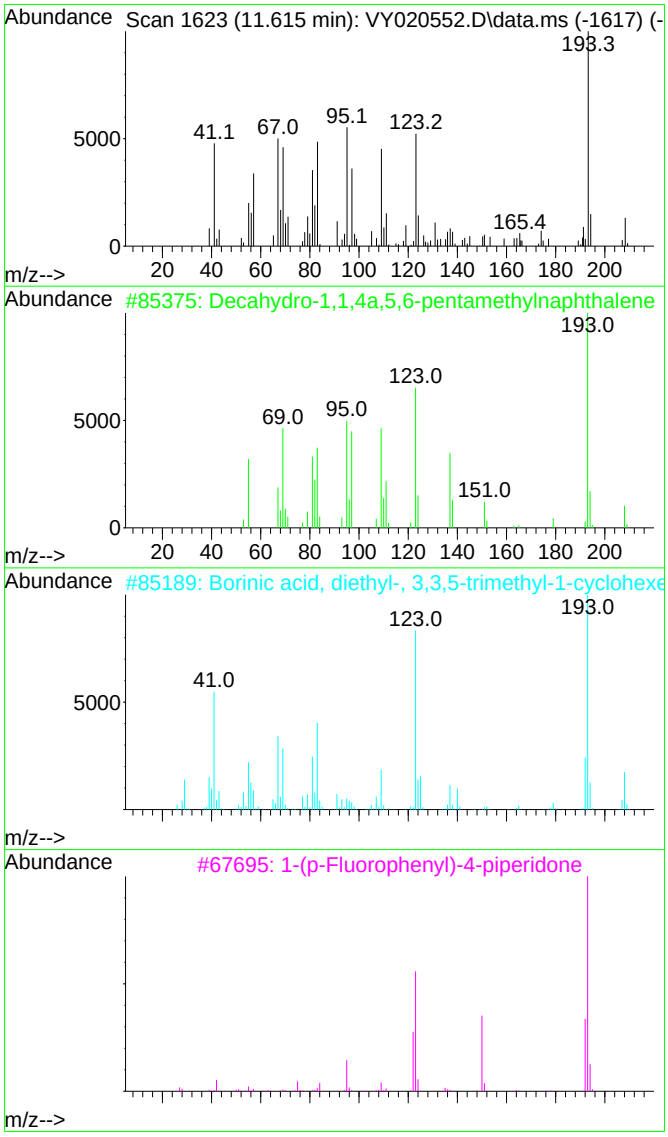
Quant Title : SW846 8260

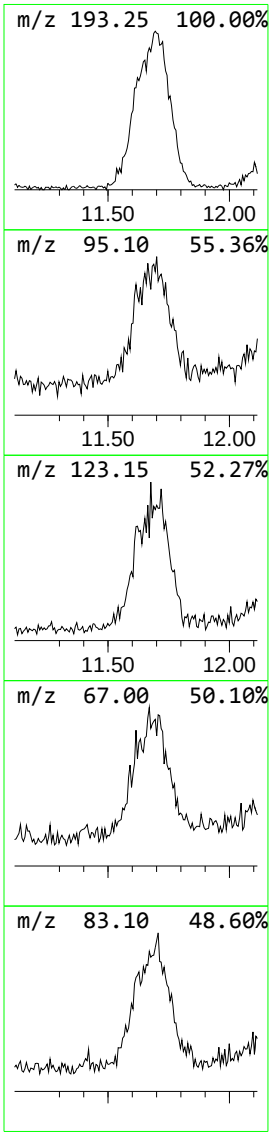
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.615	47.11 ug/l	28790	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	70
2	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	38
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
4	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	30
5	1-Hexylbicyclo[2.2.2]octane	194	C14H26	1000435-94-2	30





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Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024

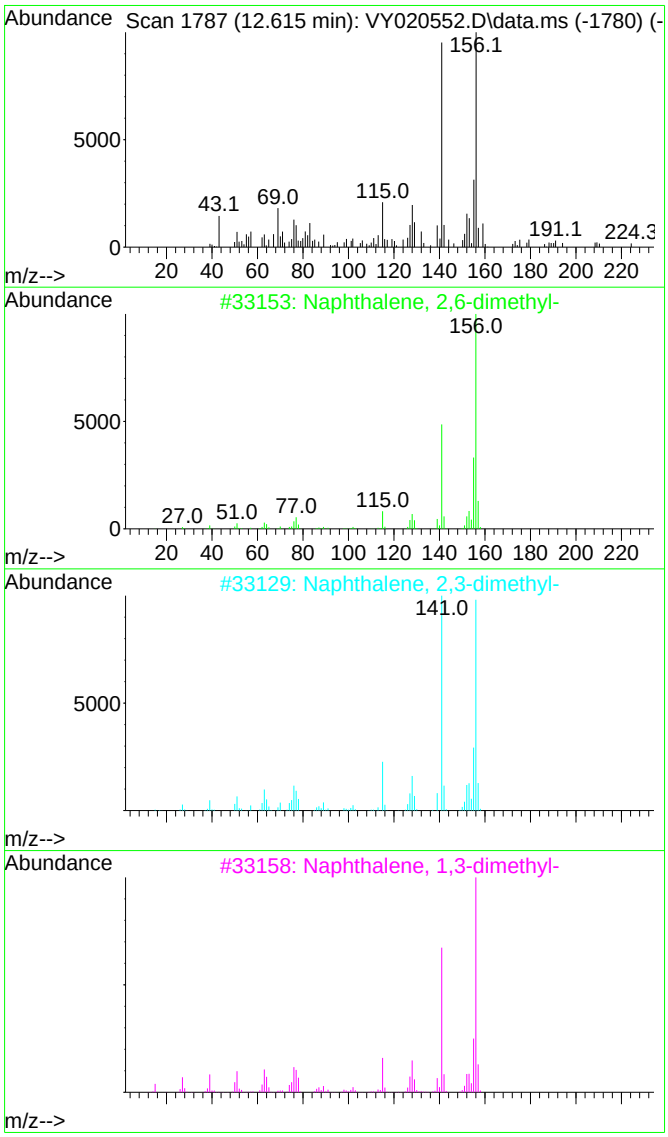
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260

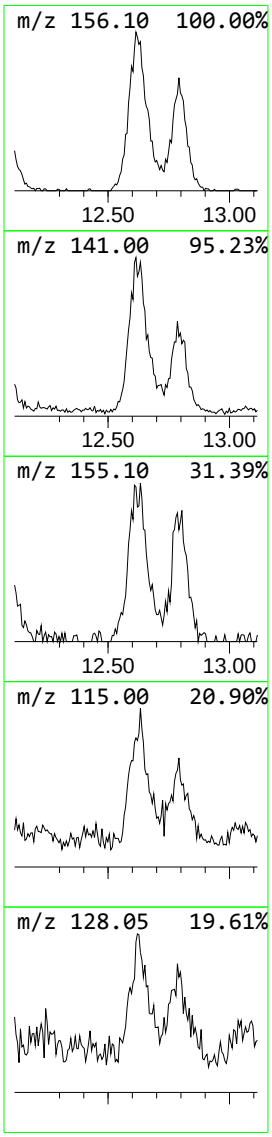
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	94.47 ug/l	52336	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91





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Operator : SY/MD
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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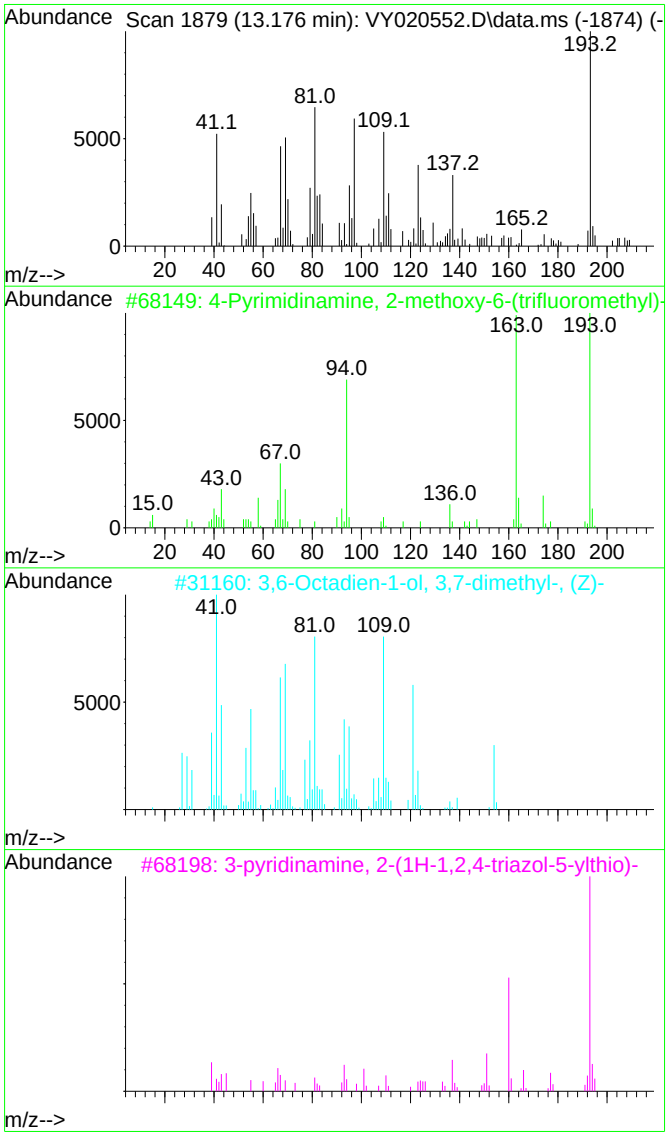
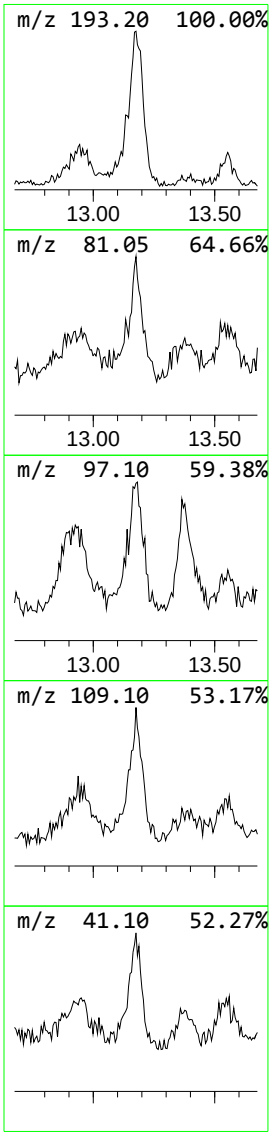
Peak Number 4 unknown13.176 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.176	248.76 ug/l	137815	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrimidinamine, 2-methoxy-6-(t...	193	C6H6F3N3O	054824-10-1	35
2	3,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	005944-20-7	22
3	3-pyridinamine, 2-(1H-1,2,4-tria...	193	C7H7N5S	1000400-27-7	22
4	2-Methyl-1,3-benzothiazole-6-car...	193	C9H7NO2S	006941-28-2	18
5	Carbonic acid, monoamide, N-meth...	193	C11H15NO2	1000340-19-0	18





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Sample : P5175-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
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TIC Library : C:\Database\NIST20.L
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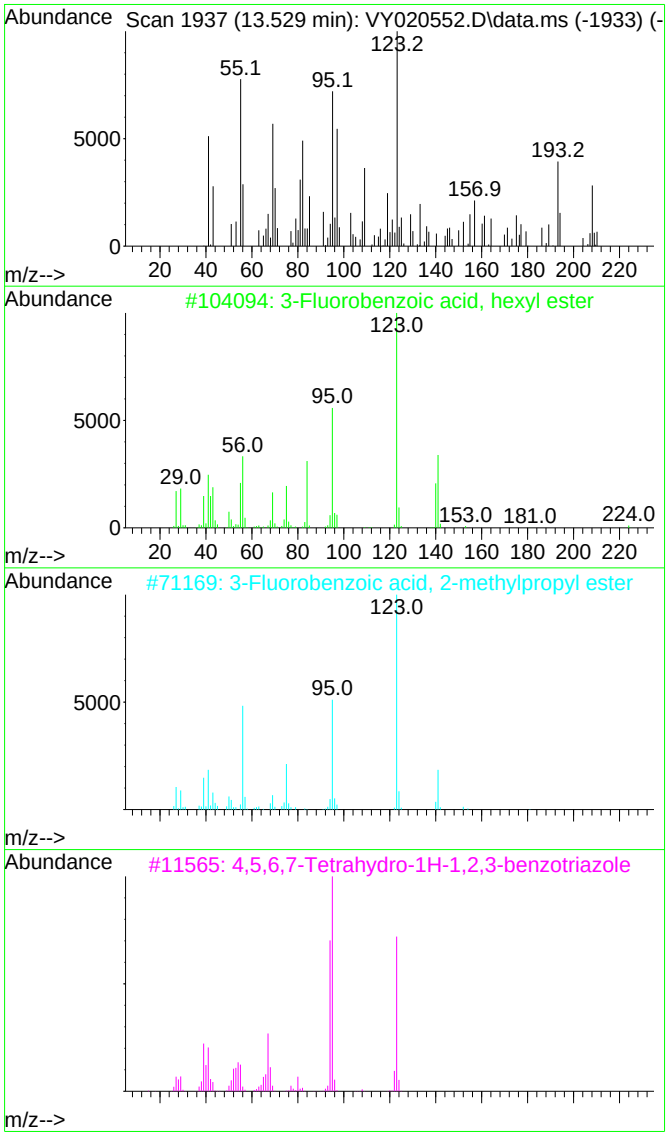
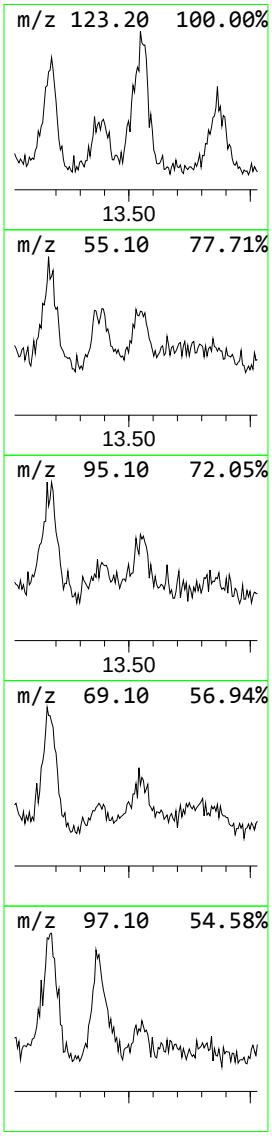
****

Peak Number 5 unknown13.529 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.529	26.98 ug/l	14945	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, hexyl ester	224	C13H17FO2	1000279-00-8	27
2	3-Fluorobenzoic acid, 2-methylpr...	196	C11H13FO2	159139-44-3	27
3	4,5,6,7-Tetrahydro-1H-1,2,3-benz...	123	C6H9N3	006789-99-7	22
4	3-Fluoropropiophenone	152	C9H9FO	000455-67-4	22
5	3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	22





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Sample : P5175-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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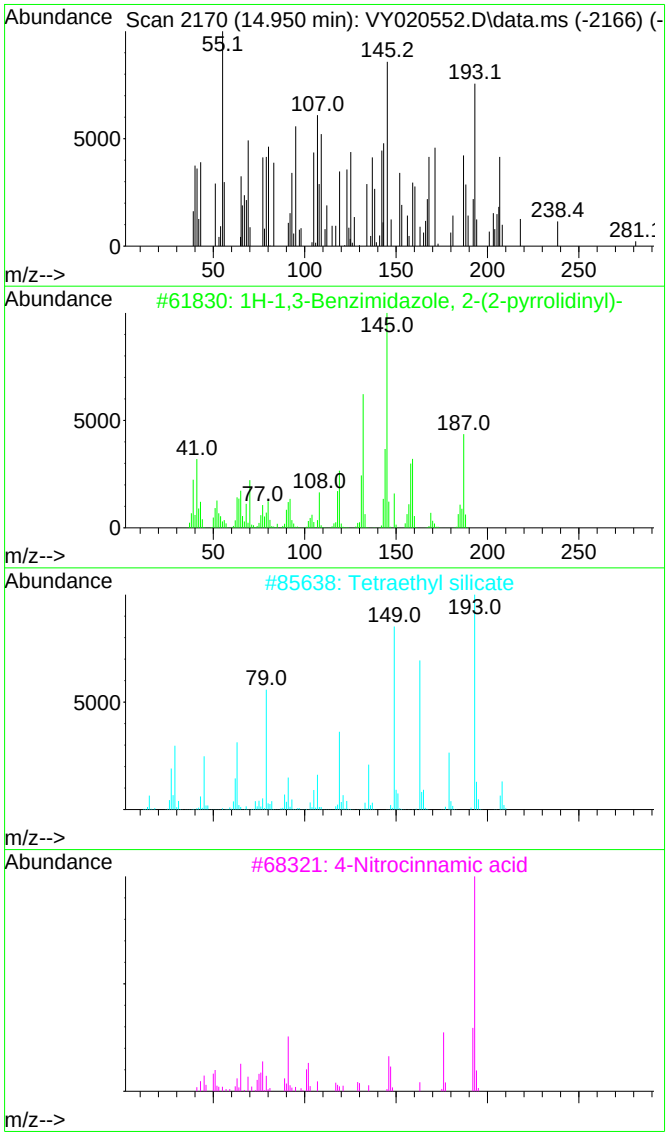
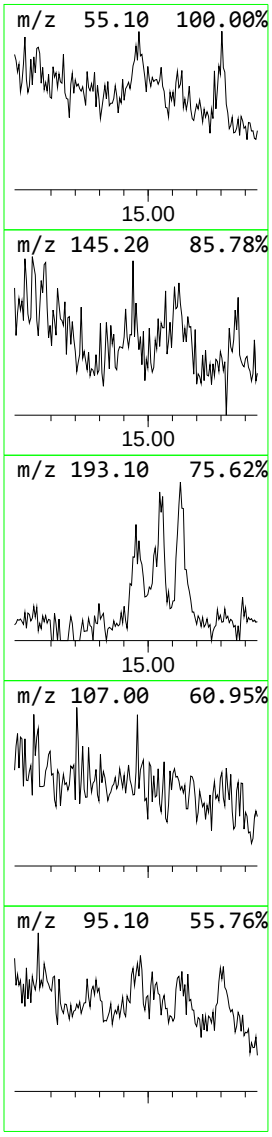
****
Peak Number 6 unknown14.950 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	21.98 ug/l	12176	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,3-Benzimidazole, 2-(2-pyrro...	187	C11H13N3	1000338-11-7	14
2	Tetraethyl silicate	208	C8H20O4Si	000078-10-4	11
3	4-Nitrocinnamic acid	193	C9H7NO4	000619-89-6	11
4	2-Propenoic acid, 3-(4-nitrophen...	193	C9H7NO4	000882-06-4	11
5	1,4-Cyclopentadiene-1-carboxylic...	193	C11H15NO2	014485-75-7	11





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Decahydro-1,1,4...	11.615	47.1	ug/l	28790	3	11.414	30557	50.0
Naphthalene, 2,...	12.615	94.5	ug/l	52336	4	13.347	27700	50.0
unknown13.176	13.176	248.8	ug/l	137815	4	13.347	27700	50.0
unknown13.529	13.529	27.0	ug/l	14945	4	13.347	27700	50.0
unknown14.950	14.950	22.0	ug/l	12176	4	13.347	27700	50.0