

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043401.D
 Acq On : 15 Oct 2024 13:32
 Operator : JC/MD
 Sample : P4403-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Hawthorne TP Soil

Quant Time: Oct 16 01:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

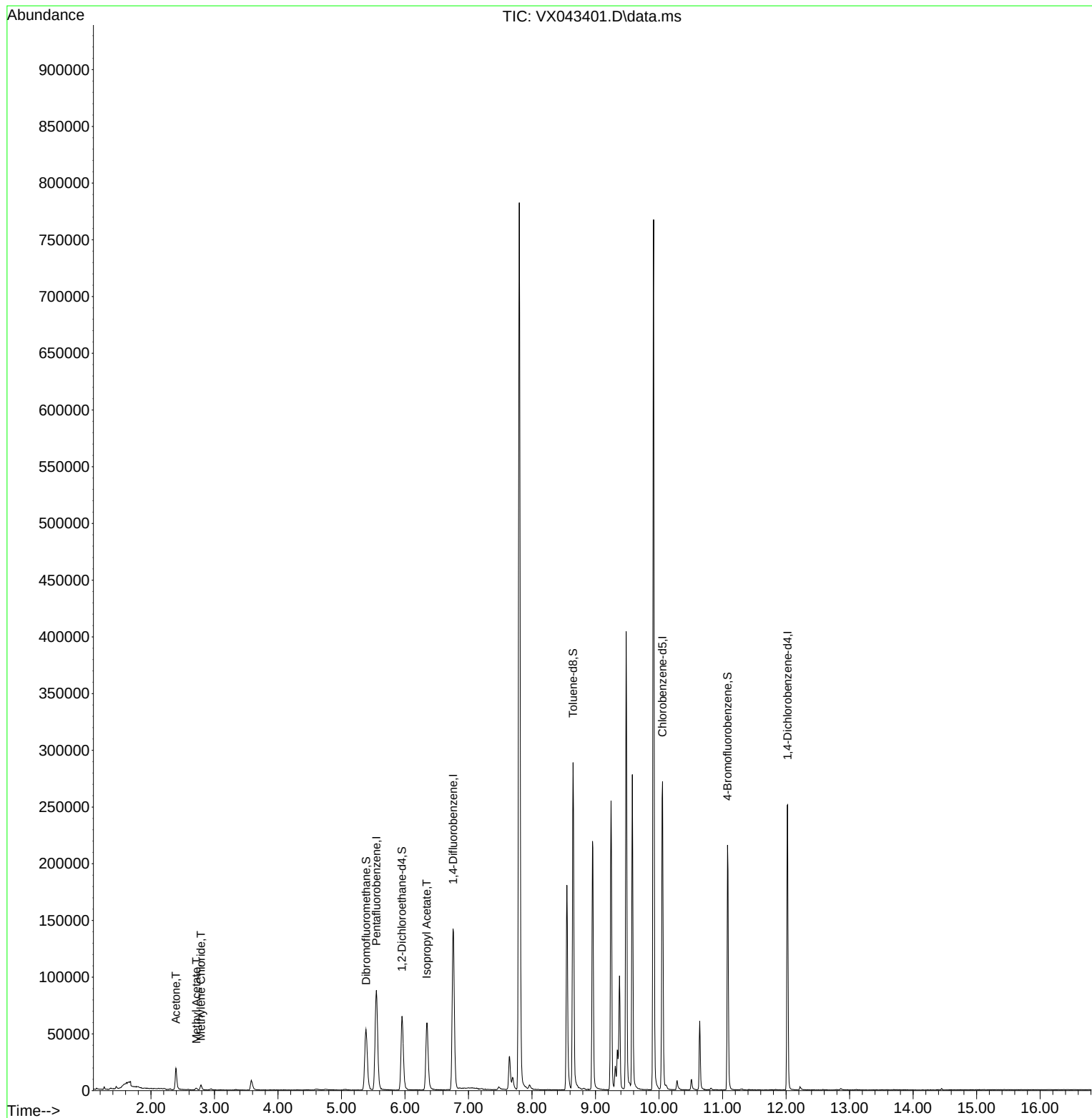
Internal Standards						
1) Pentafluorobenzene	5.549	168	80106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65873	50.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.700%
35) Dibromofluoromethane	5.385	113	46772	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.646	98	170333	49.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	59781	47.801	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.600%
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	23162	42.395	ug/l	98
18) Methyl Acetate	2.715	43	2382	1.738	ug/l	96
20) Methylene Chloride	2.788	84	2155	2.139	ug/l	96
43) Isopropyl Acetate	6.342	43	87093	34.988	ug/l	99

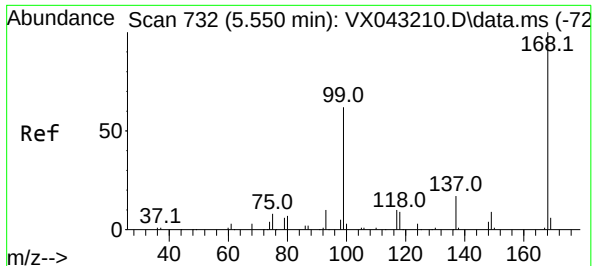
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 02 16:50:57 2024
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX043401.D

Acq: 15 Oct 2024 13:32

Instrument :

MSVOA_X

ClientSampleId :

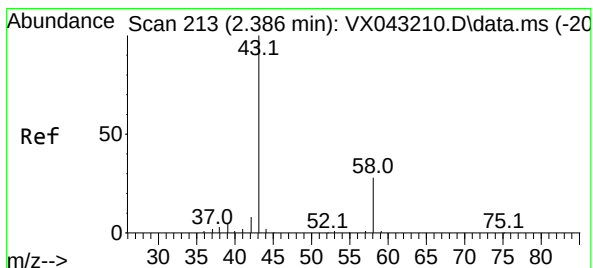
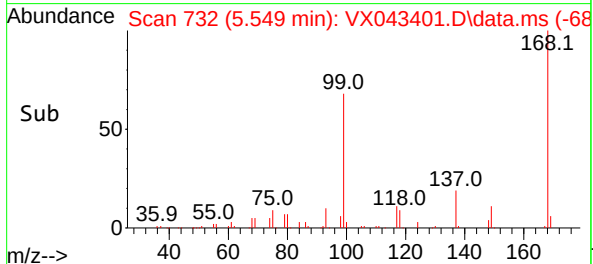
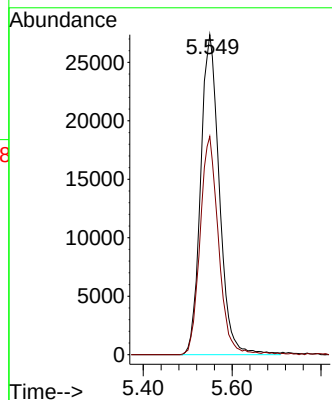
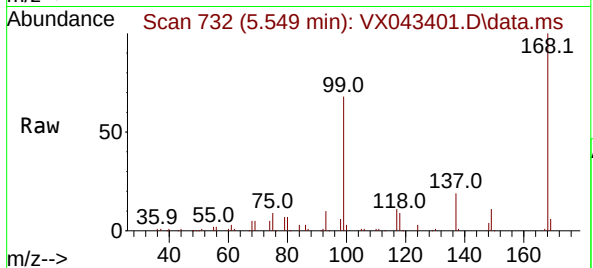
Hawthorne TP Soil

Tgt Ion:168 Resp: 80106

Ion Ratio Lower Upper

168 100

99 68.2 49.7 74.5



#16

Acetone

Concen: 42.395 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.005 min

Lab File: VX043401.D

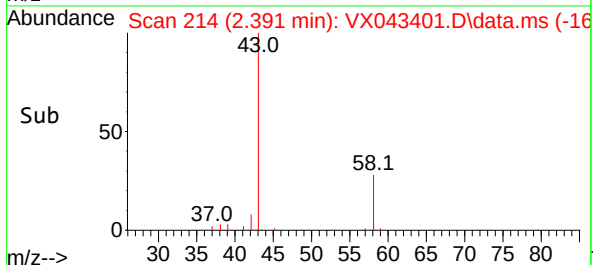
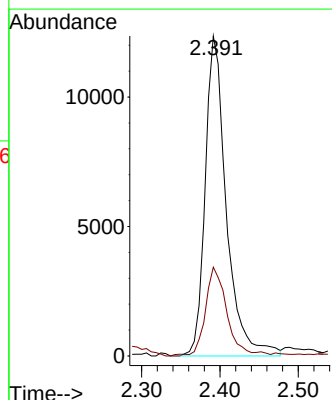
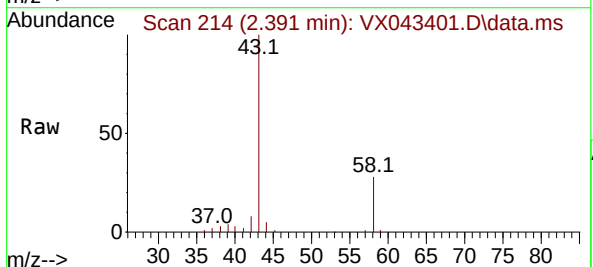
Acq: 15 Oct 2024 13:32

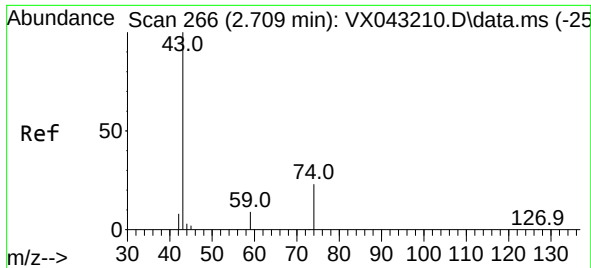
Tgt Ion: 43 Resp: 23162

Ion Ratio Lower Upper

43 100

58 27.2 22.6 33.8

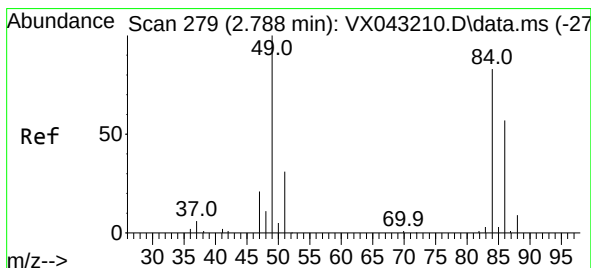
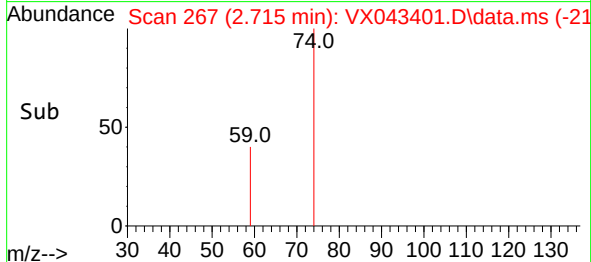
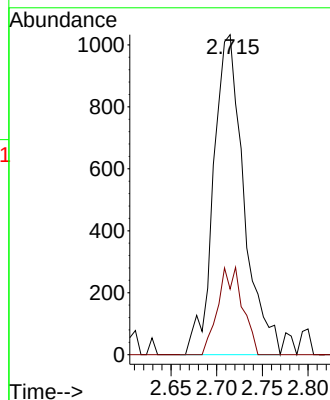
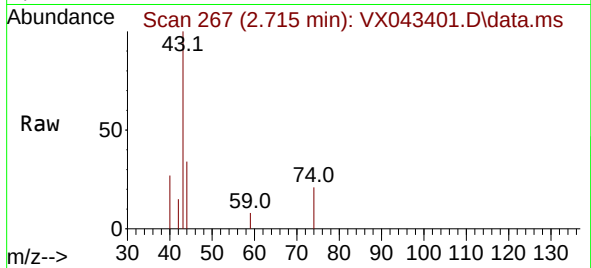




#18
Methyl Acetate
Concen: 1.738 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043401.D
Acq: 15 Oct 2024 13:32

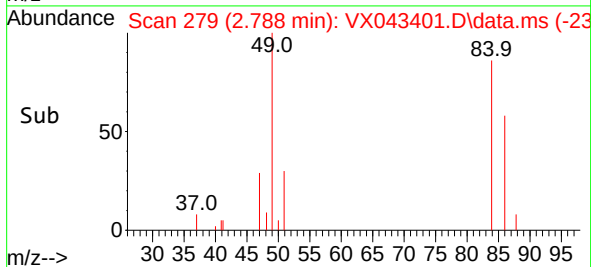
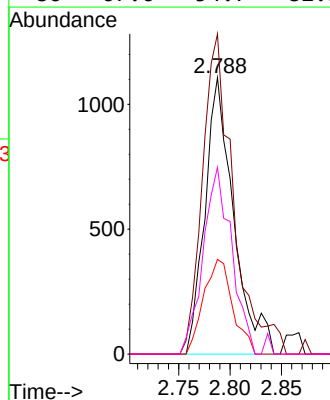
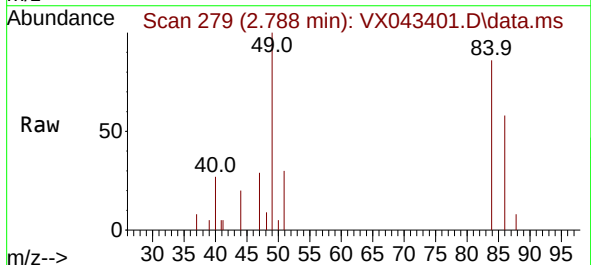
Instrument :
MSVOA_X
ClientSampleId :
Hawthorne TP Soil

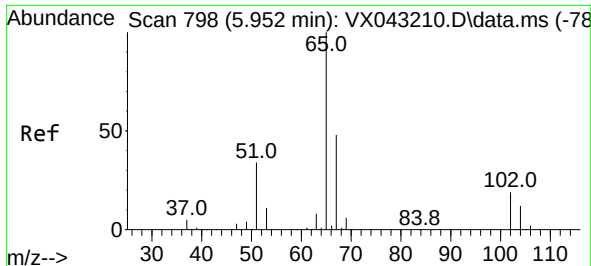
Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
74 22.2 19.1 28.7



#20
Methylene Chloride
Concen: 2.139 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043401.D
Acq: 15 Oct 2024 13:32

Tgt Ion: 84 Resp: 2155
Ion Ratio Lower Upper
84 100
49 115.8 96.7 145.1
51 34.2 30.4 45.6
86 67.6 54.7 82.1

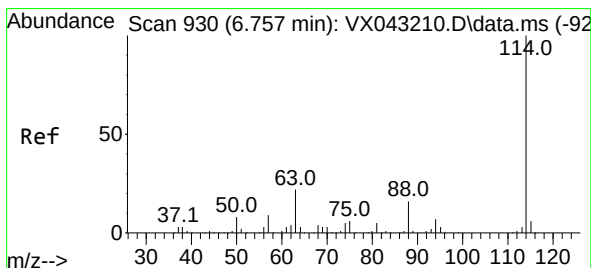
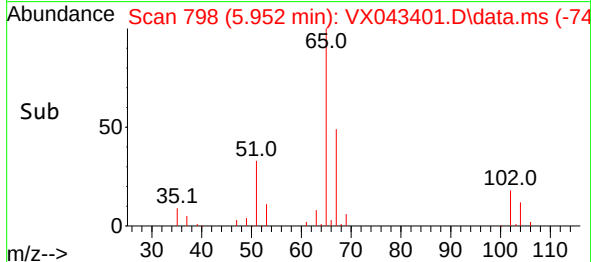
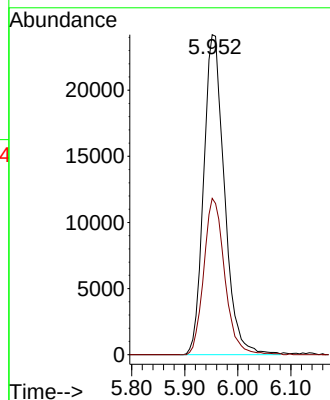
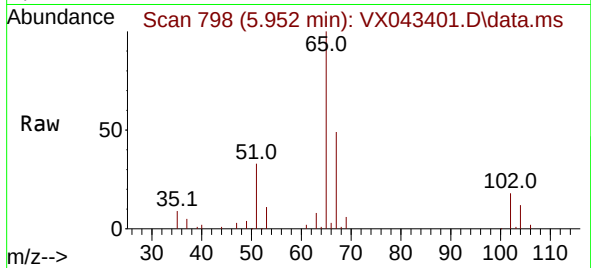




#33
 1,2-Dichloroethane-d4
 Concen: 50.352 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043401.D
 Acq: 15 Oct 2024 13:32

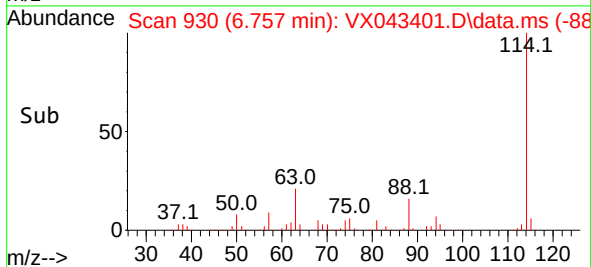
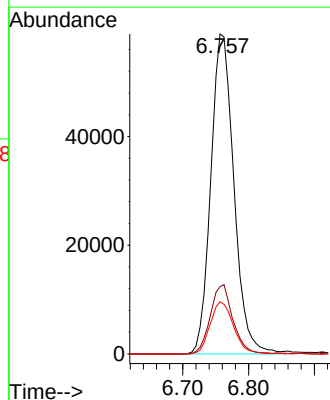
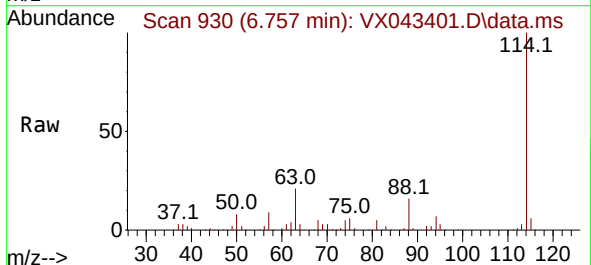
Instrument :
 MSVOA_X
 ClientSampleId :
 Hawthorne TP Soil

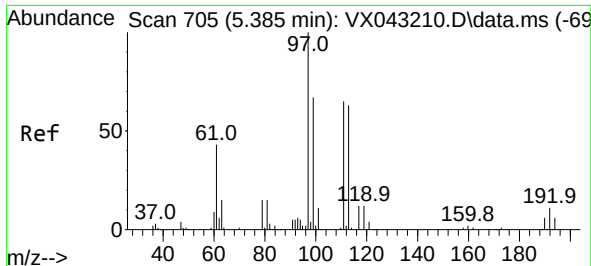
Tgt Ion: 65 Resp: 65873
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043401.D
 Acq: 15 Oct 2024 13:32

Tgt Ion: 114 Resp: 144042
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.0
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.084 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043401.D

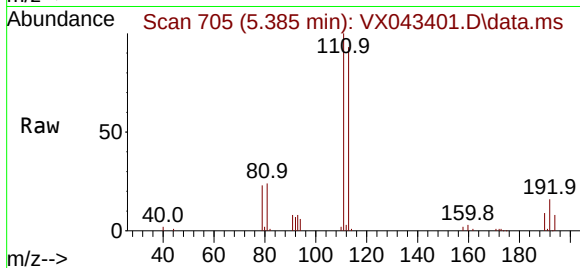
Acq: 15 Oct 2024 13:32

Instrument :

MSVOA_X

ClientSampleId :

Hawthorne TP Soil



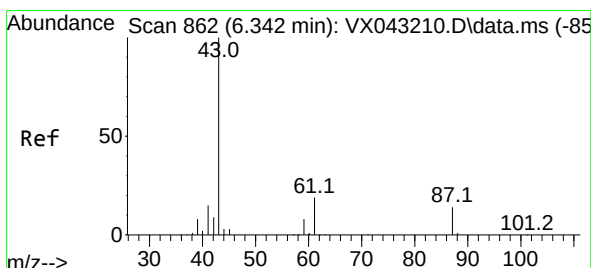
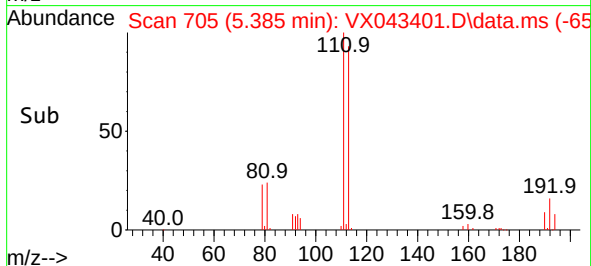
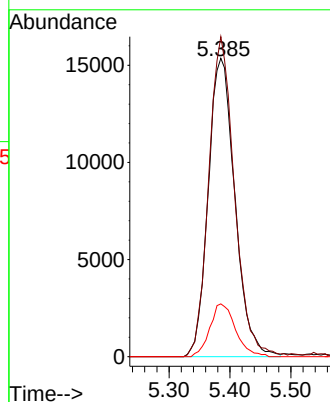
Tgt Ion:113 Resp: 46772

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

192 17.0 14.1 21.1



#43

Isopropyl Acetate

Concen: 34.988 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX043401.D

Acq: 15 Oct 2024 13:32

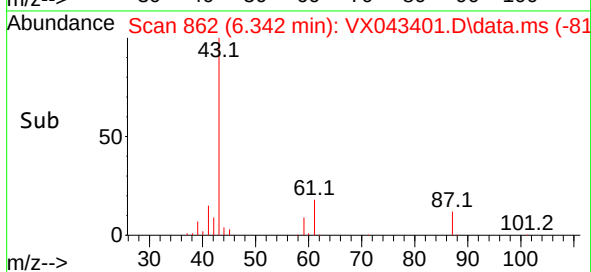
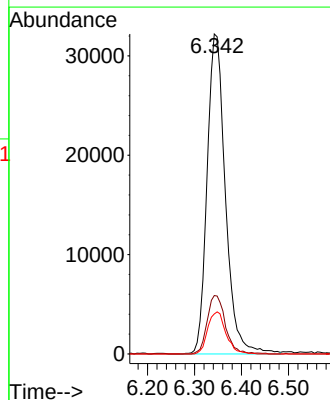
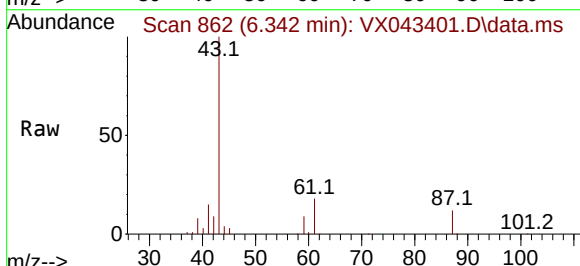
Tgt Ion: 43 Resp: 87093

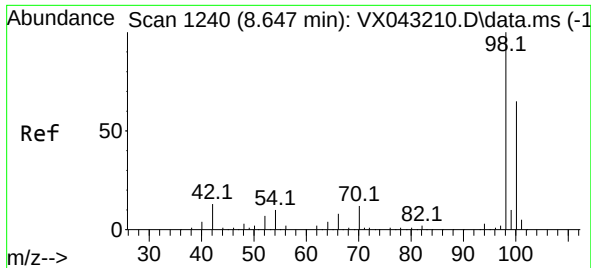
Ion Ratio Lower Upper

43 100

61 18.2 15.1 22.7

87 13.0 10.8 16.2

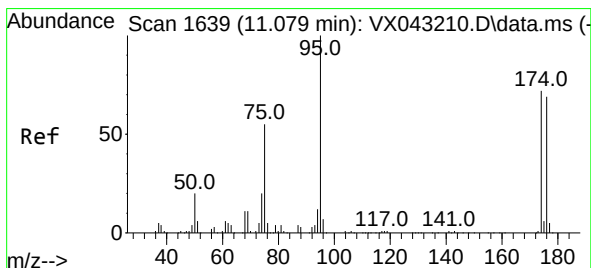
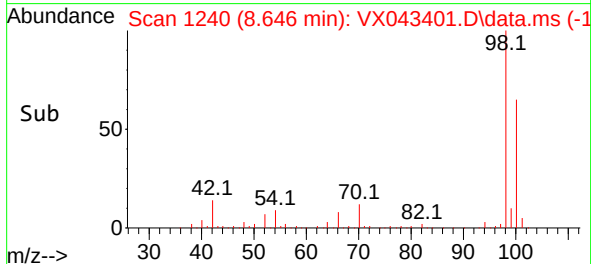
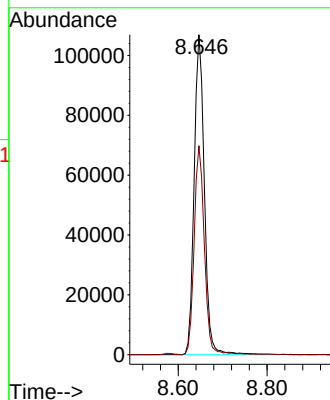
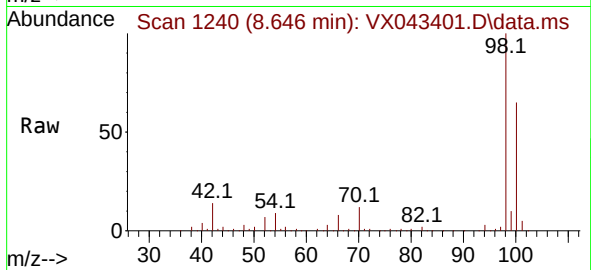




#50
Toluene-d8
Concen: 49.480 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043401.D
Acq: 15 Oct 2024 13:32

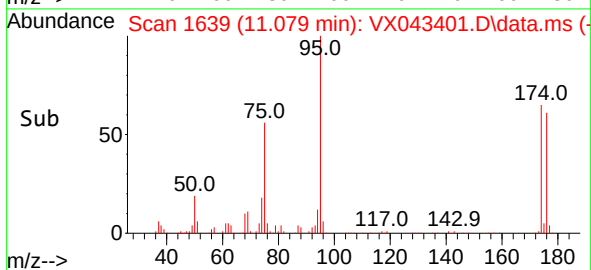
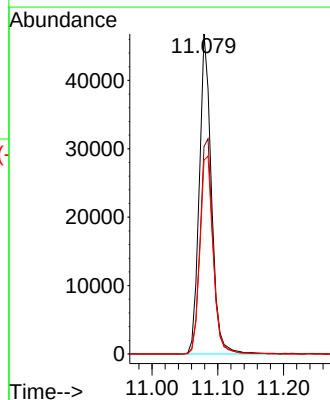
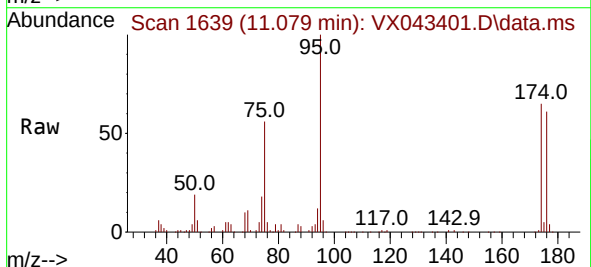
Instrument :
MSVOA_X
ClientSampleId :
Hawthorne TP Soil

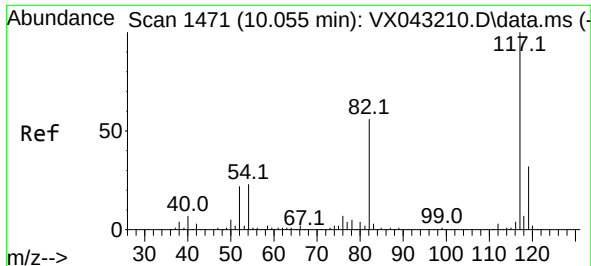
Tgt Ion: 98 Resp: 170333
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043401.D
Acq: 15 Oct 2024 13:32

Tgt Ion: 95 Resp: 59781
Ion Ratio Lower Upper
95 100
174 71.4 0.0 145.0
176 67.1 0.0 143.0

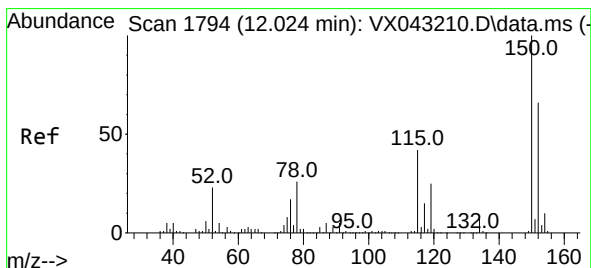
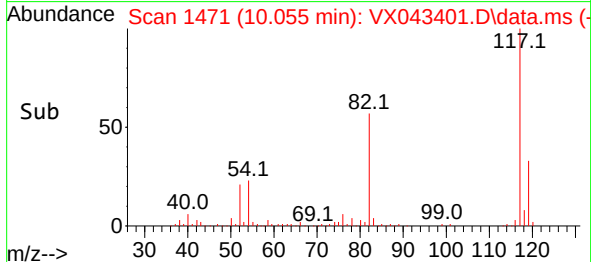
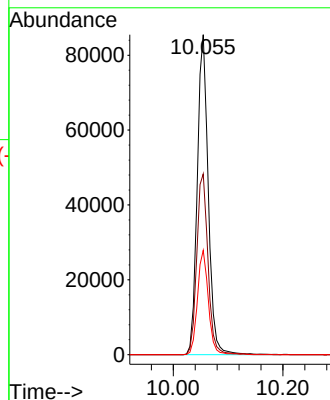
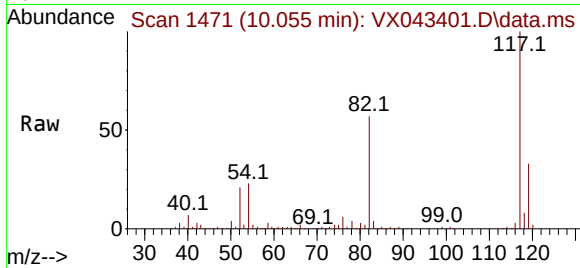




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043401.D
Acq: 15 Oct 2024 13:32

Instrument :
MSVOA_X
ClientSampleId :
Hawthorne TP Soil

Tgt Ion:117 Resp: 119583
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.6
119 32.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043401.D
Acq: 15 Oct 2024 13:32

Tgt Ion:152 Resp: 53046
Ion Ratio Lower Upper
152 100
115 61.9 44.1 132.3
150 155.2 0.0 347.4

