

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021468.D
 Acq On : 07 Mar 2025 17:59
 Operator : SY/MD
 Sample : Q1494-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL

Quant Time: Mar 07 22:03:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

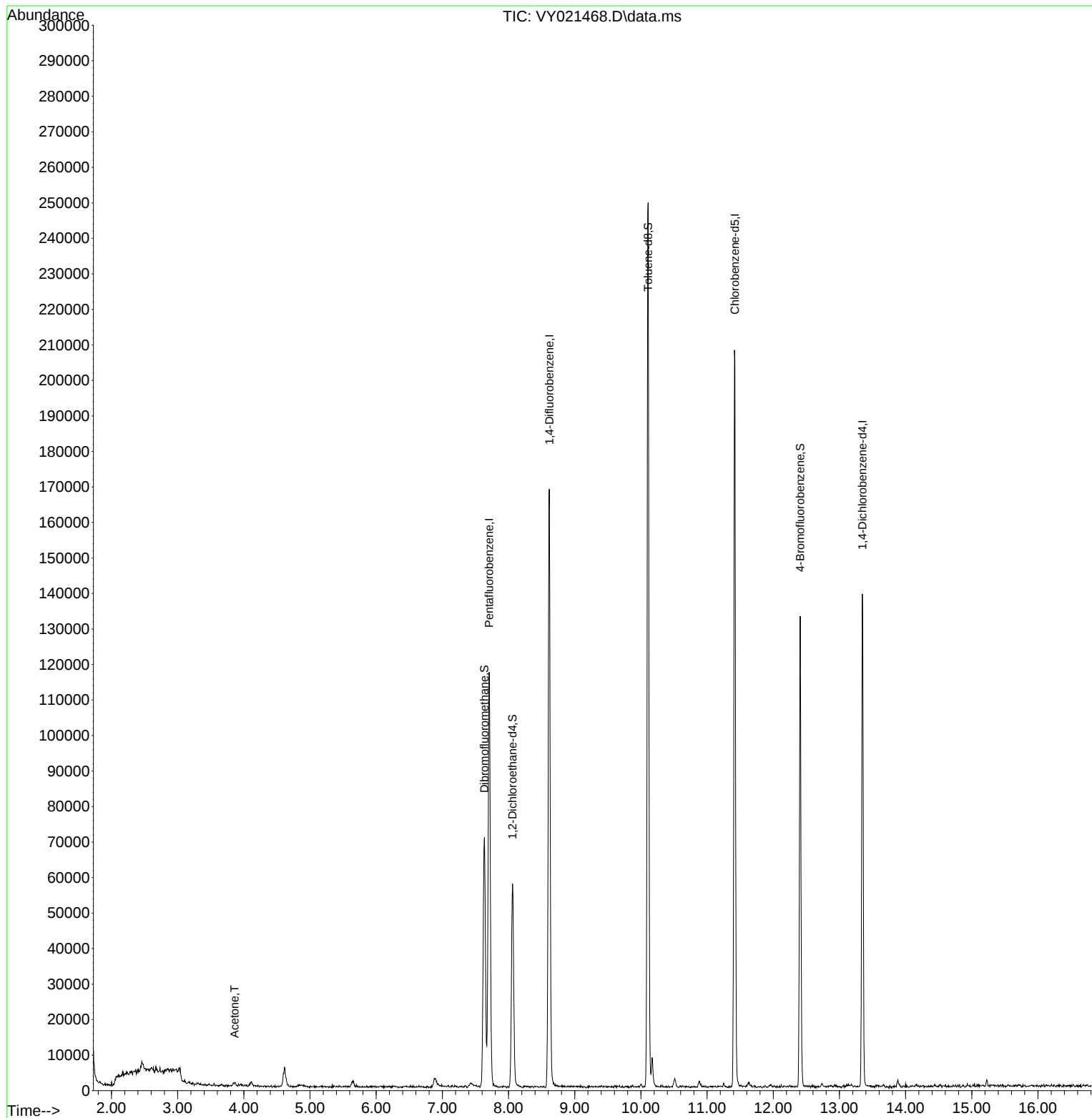
Internal Standards						
1) Pentafluorobenzene	7.707	168	84583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	139146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	109661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	34104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	47661	53.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.634	113	48802	53.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.109	98	162668	46.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.940%	
62) 4-Bromofluorobenzene	12.408	95	38585	32.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.500%	
Target Compounds						
16) Acetone	3.860	43	2027	10.396	ug/l	Qvalue # 77

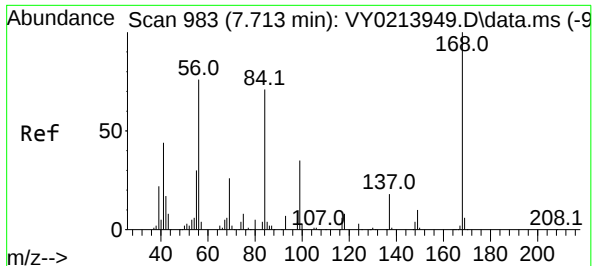
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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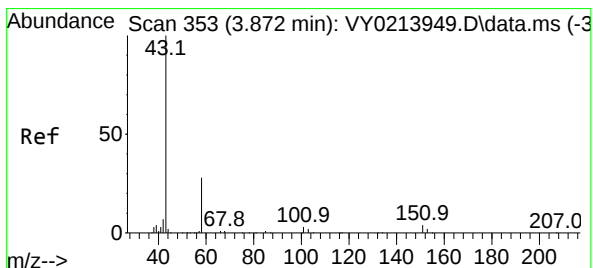
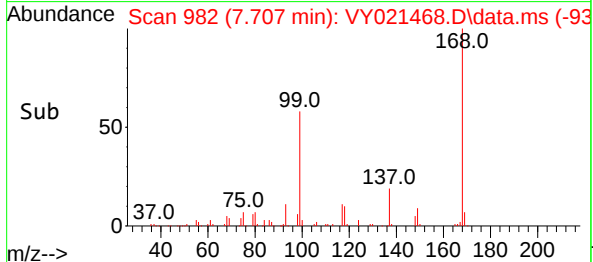
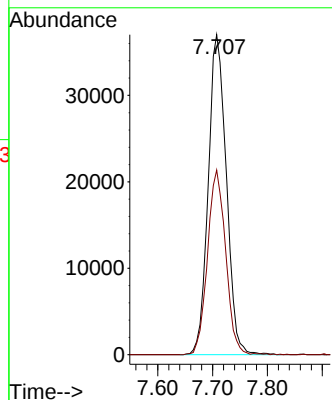
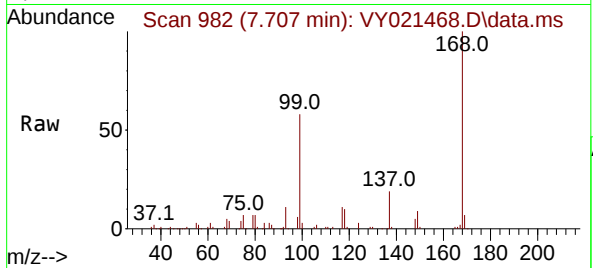




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021468.D
Acq: 07 Mar 2025 17:59

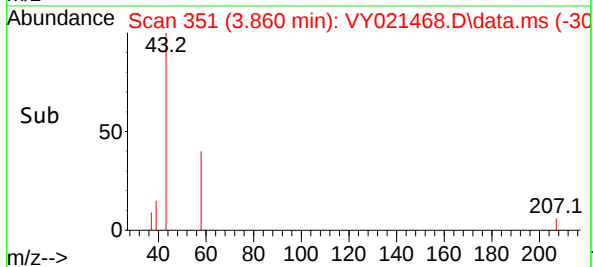
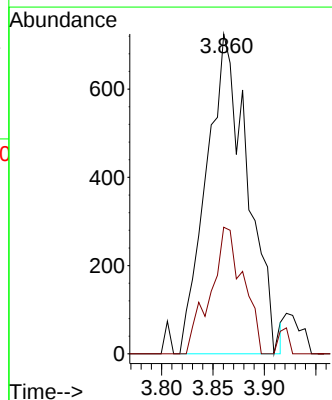
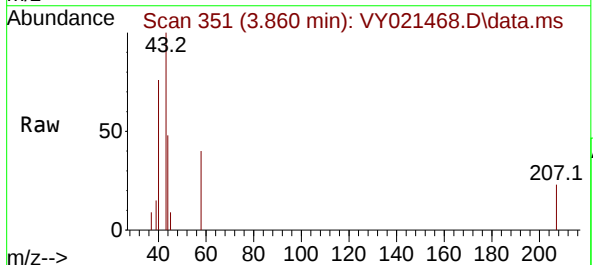
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

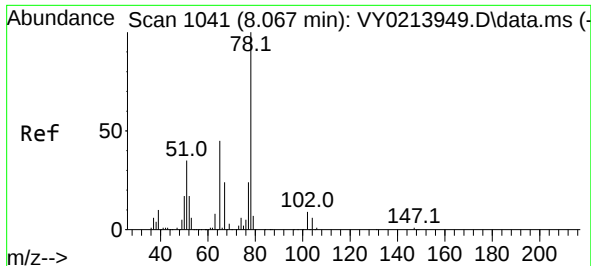
Tgt Ion:168 Resp: 84583
Ion Ratio Lower Upper
168 100
99 57.7 46.0 69.0



#16
Acetone
Concen: 10.396 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021468.D
Acq: 07 Mar 2025 17:59

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 39.6 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 53.313 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021468.D

Acq: 07 Mar 2025 17:59

Instrument :

MSVOA_Y

ClientSampleId :

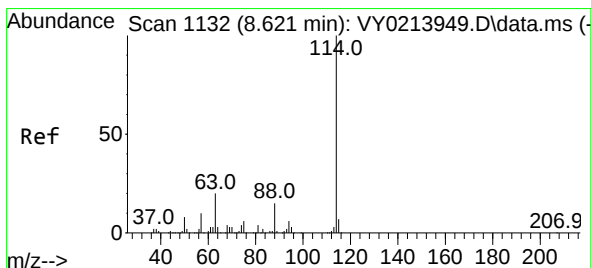
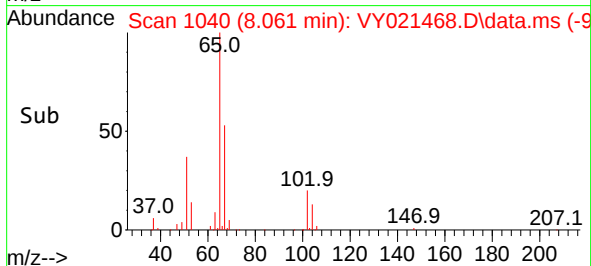
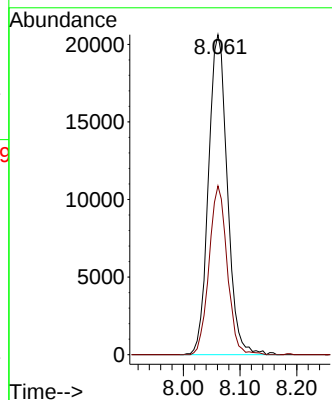
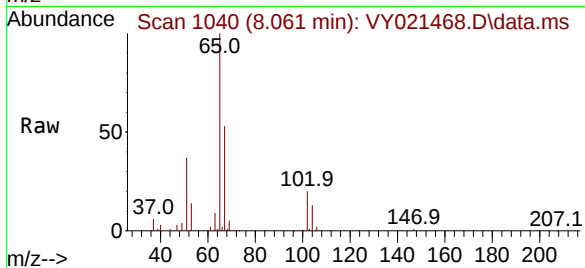
SOIL

Tgt Ion: 65 Resp: 47661

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021468.D

Acq: 07 Mar 2025 17:59

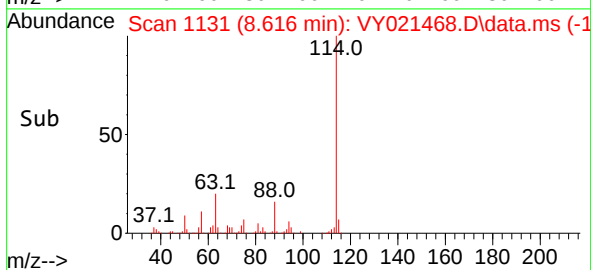
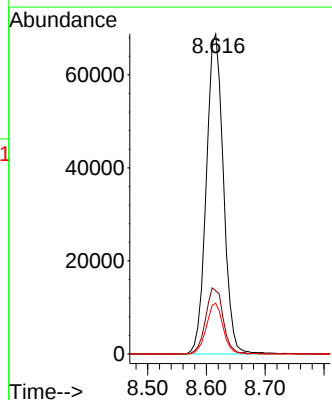
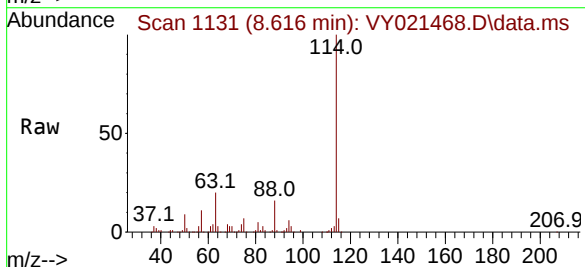
Tgt Ion:114 Resp: 139146

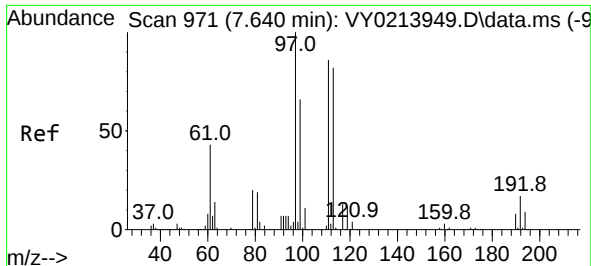
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.357 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021468.D

Acq: 07 Mar 2025 17:59

Instrument :

MSVOA_Y

ClientSampleId :

SOIL

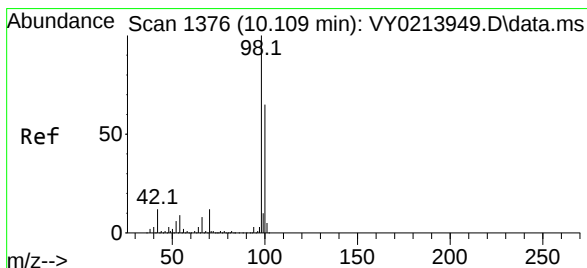
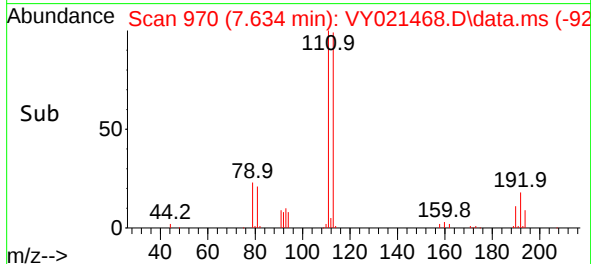
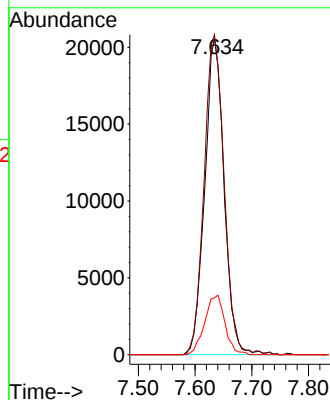
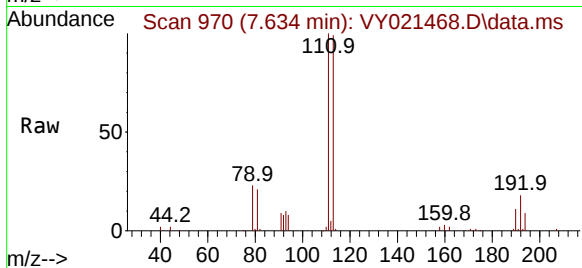
Tgt Ion:113 Resp: 48802

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 19.6 15.9 23.9



#50

Toluene-d8

Concen: 46.972 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021468.D

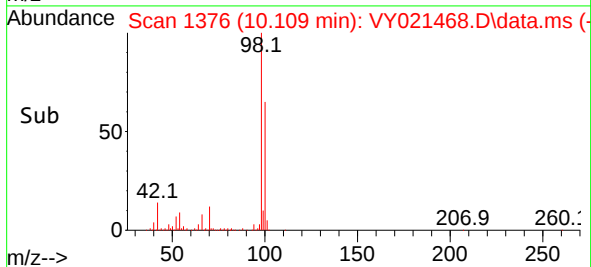
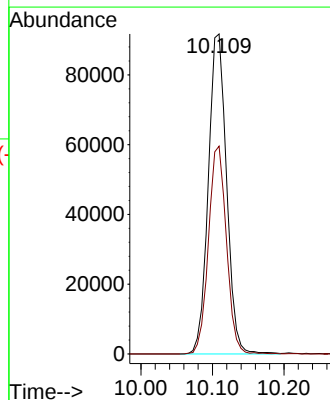
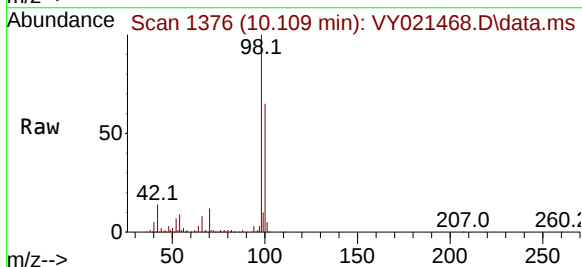
Acq: 07 Mar 2025 17:59

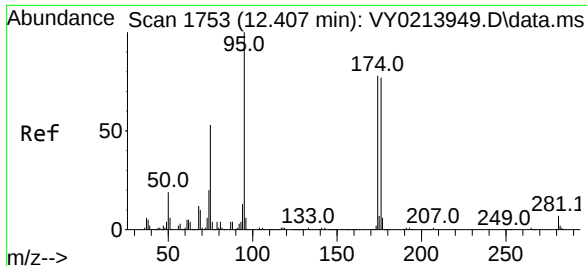
Tgt Ion: 98 Resp: 162668

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1

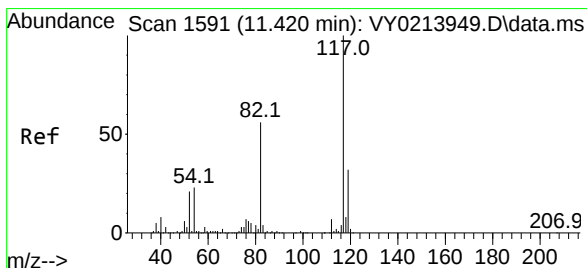
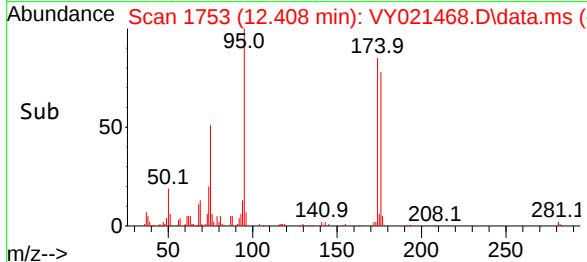
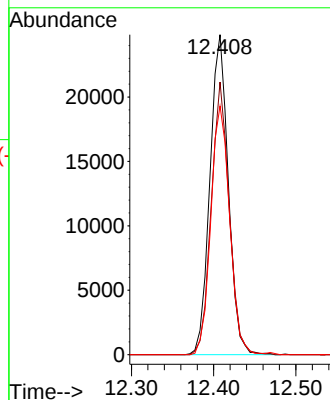
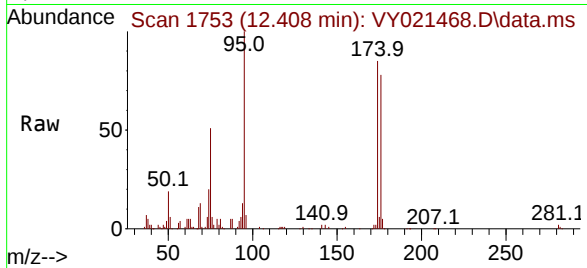




#62
4-Bromofluorobenzene
Concen: 32.755 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021468.D
Acq: 07 Mar 2025 17:59

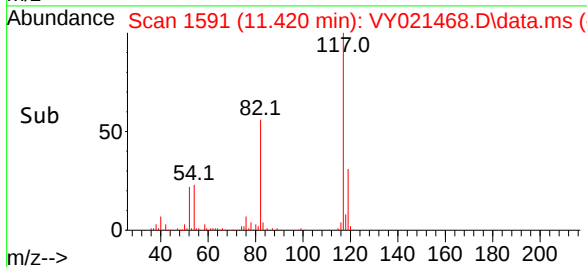
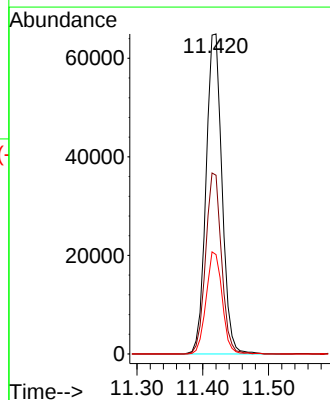
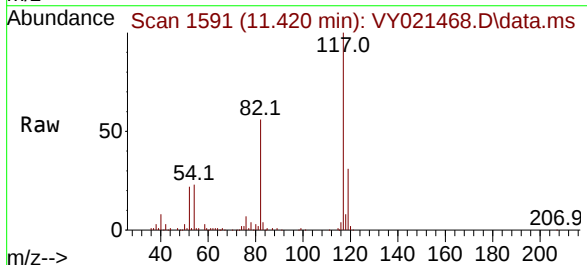
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

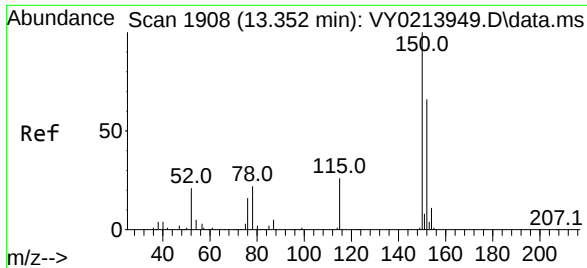
Tgt Ion: 95 Resp: 38585
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.0
176 79.7 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021468.D
Acq: 07 Mar 2025 17:59

Tgt Ion: 117 Resp: 109661
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 31.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021468.D

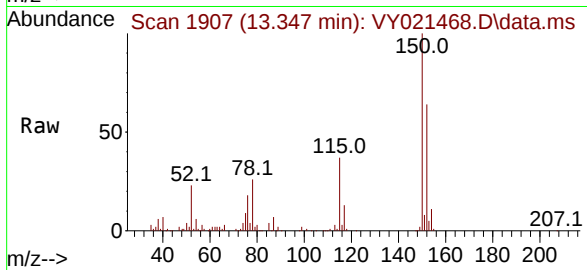
Acq: 07 Mar 2025 17:59

Instrument :

MSVOA_Y

ClientSampleId :

SOIL



Tgt Ion:152 Resp: 34104

Ion Ratio Lower Upper

152 100

115 59.5 29.0 87.0

150 158.3 0.0 347.2

