

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048901.D
 Acq On : 16 Dec 2025 20:34
 Operator : JC/MD
 Sample : Q3850-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 17 03:29:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

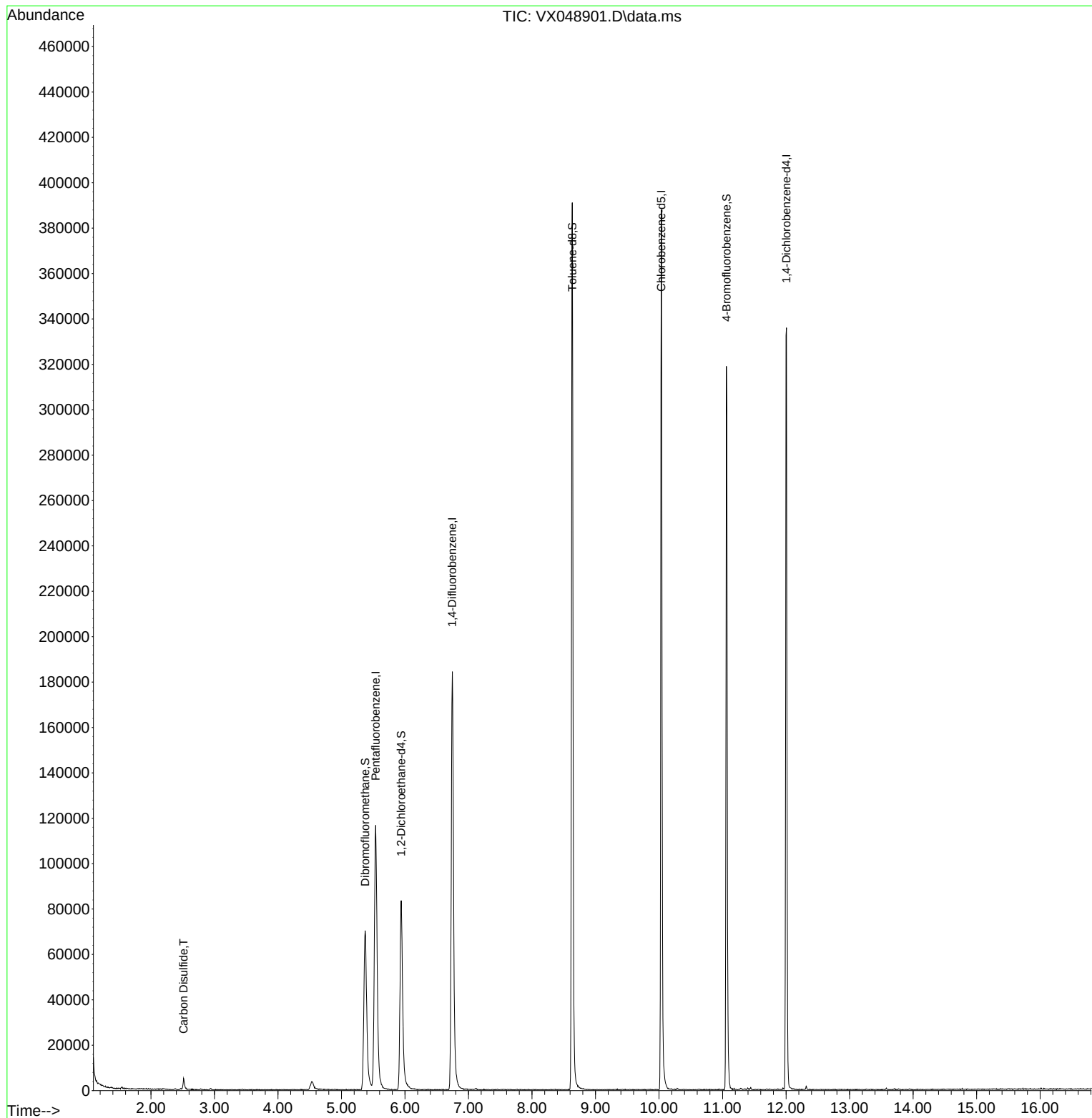
Internal Standards						
1) Pentafluorobenzene	5.538	168	116538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	198264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	175099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	74365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	90657	46.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.373	113	68124	46.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.635	98	246643	46.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.061	95	85736	45.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%
Target Compounds						
17) Carbon Disulfide	2.514	76	1574	0.429	ug/l	95

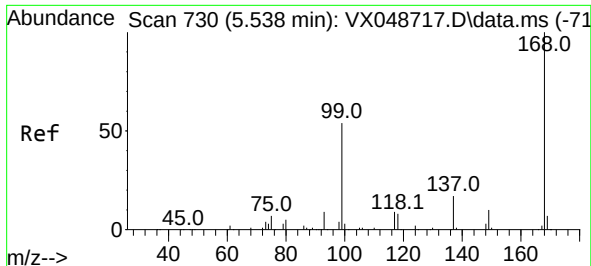
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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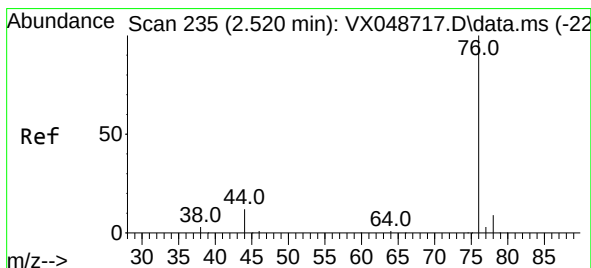
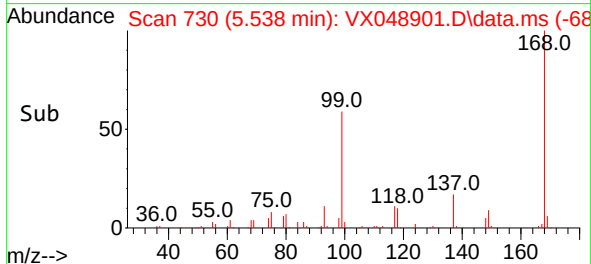
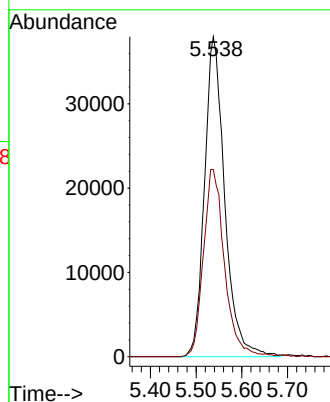
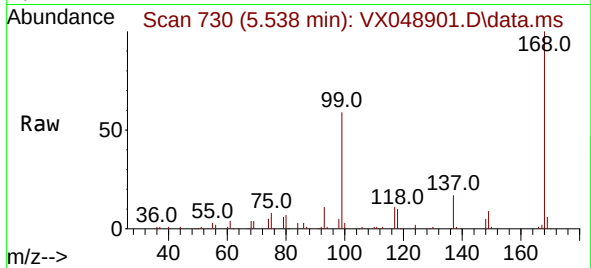




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

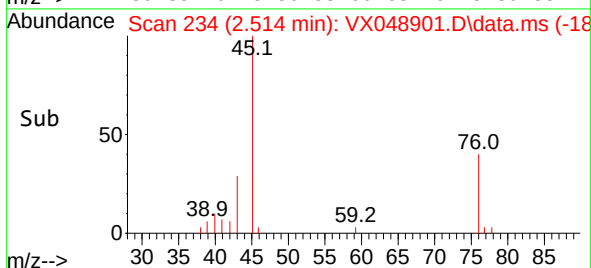
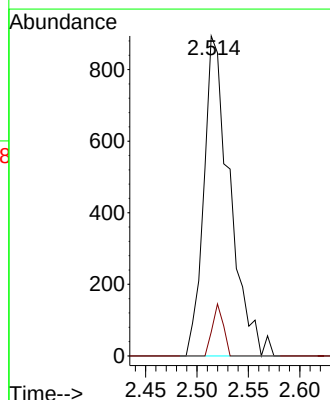
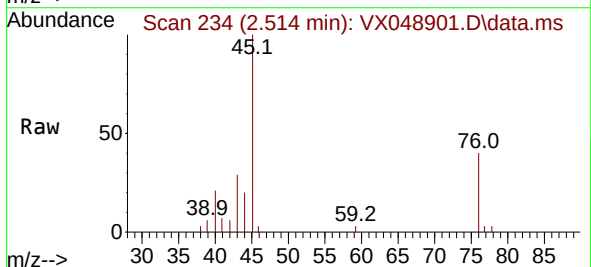
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

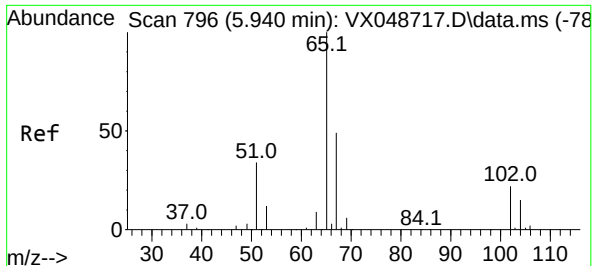
Tgt Ion:168 Resp: 116538
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#17
Carbon Disulfide
Concen: 0.429 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 76 Resp: 1574
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.2





#33

1,2-Dichloroethane-d4

Concen: 46.539 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048901.D

Acq: 16 Dec 2025 20:34

Instrument :

MSVOA_X

ClientSampleId :

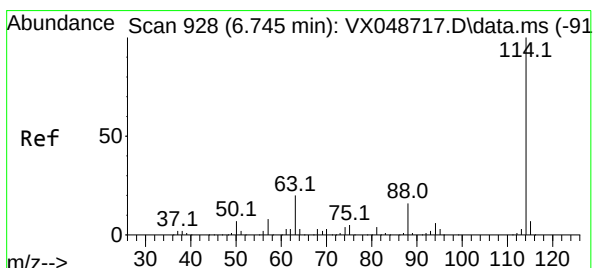
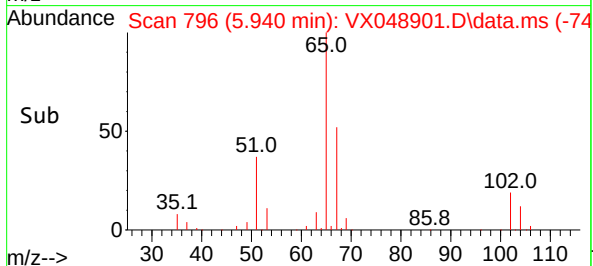
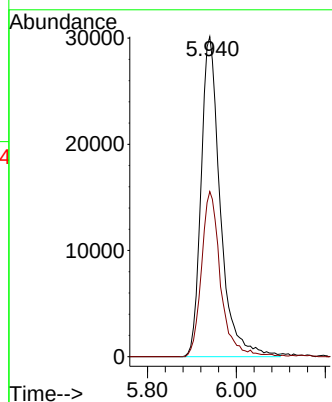
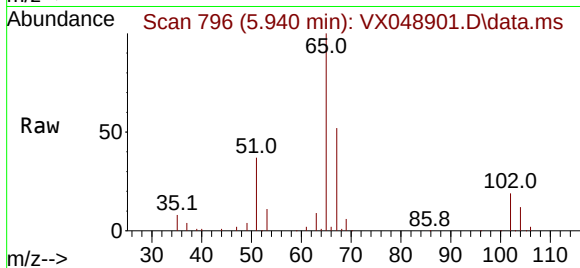
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 90657

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048901.D

Acq: 16 Dec 2025 20:34

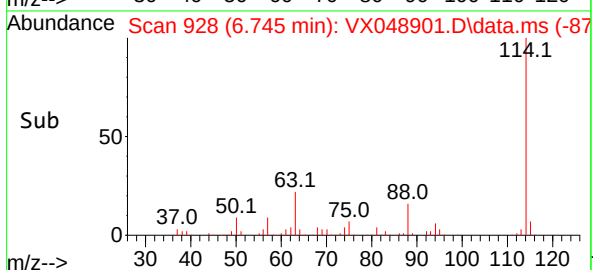
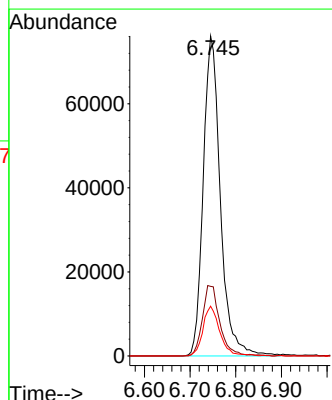
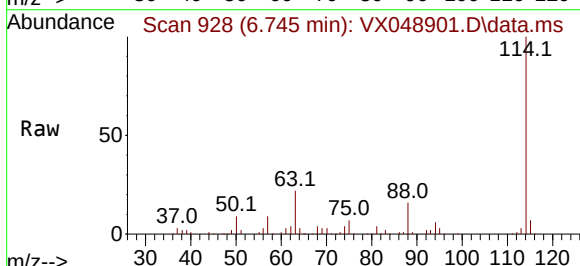
Tgt Ion: 114 Resp: 198264

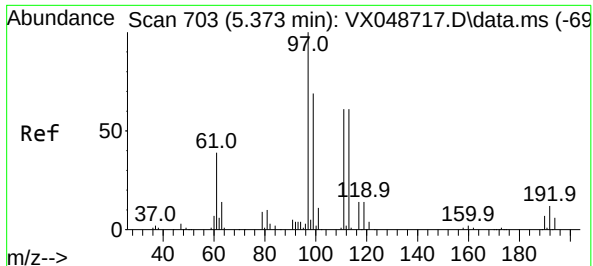
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

88 15.6 0.0 31.8

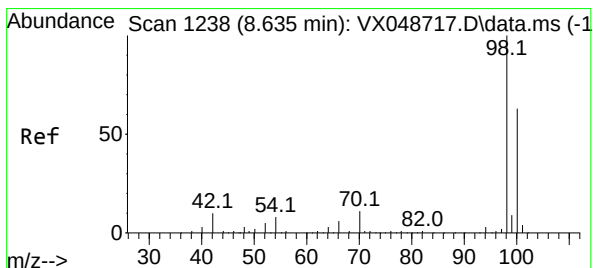
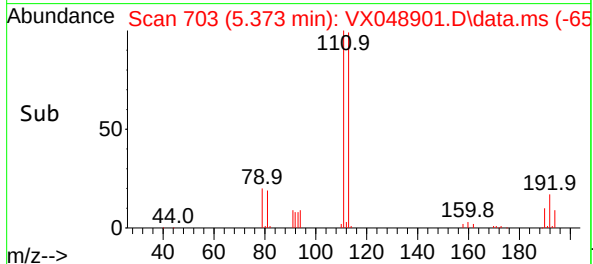
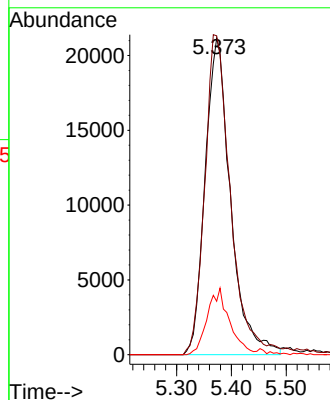
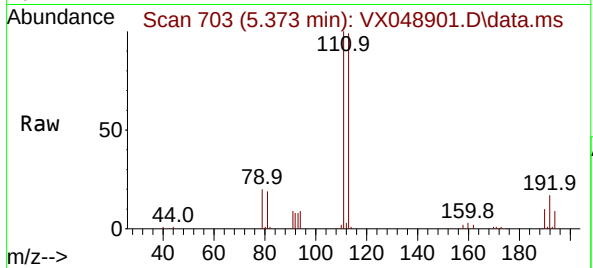




#35
Dibromofluoromethane
Concen: 46.228 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

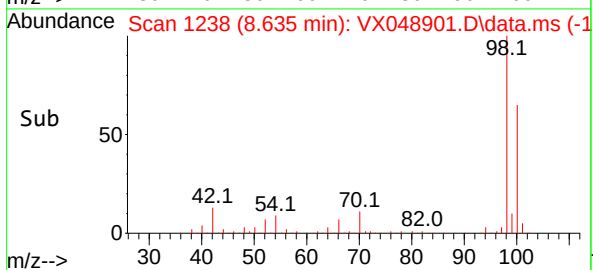
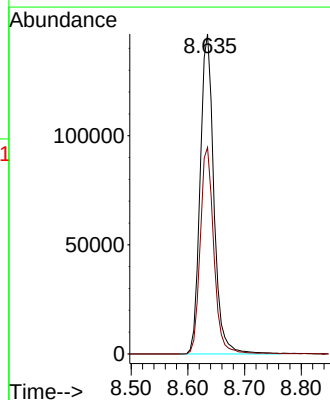
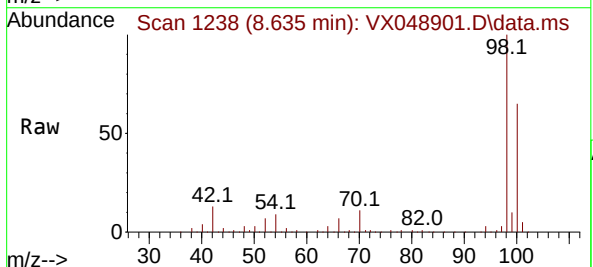
Instrument :
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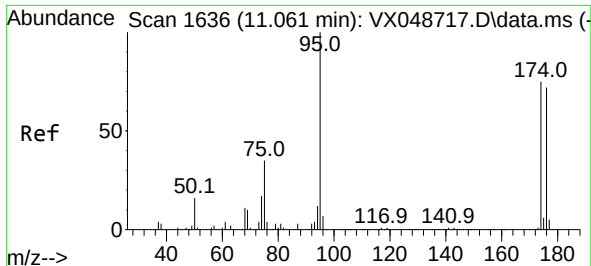
Tgt Ion:113 Resp: 68124
Ion Ratio Lower Upper
113 100
111 102.4 79.5 119.3
192 18.4 16.1 24.1



#50
Toluene-d8
Concen: 46.880 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 98 Resp: 246643
Ion Ratio Lower Upper
98 100
100 64.0 53.4 80.0

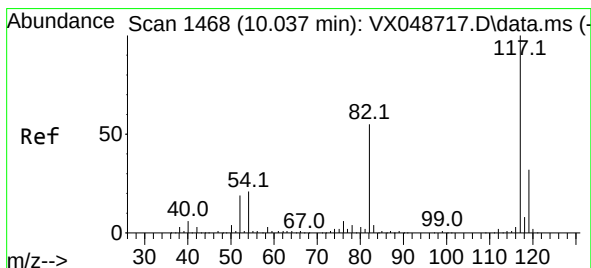
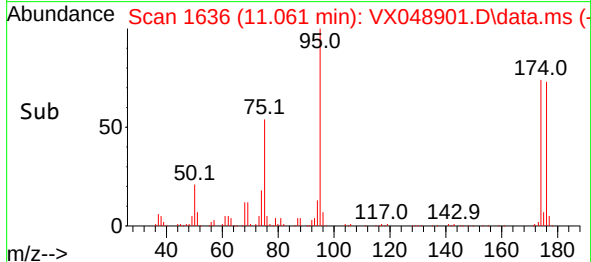
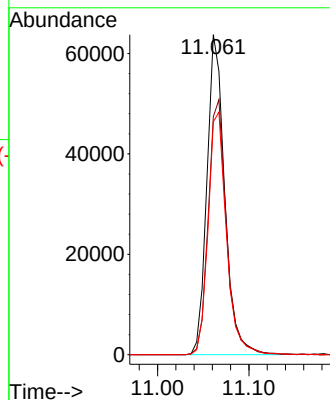
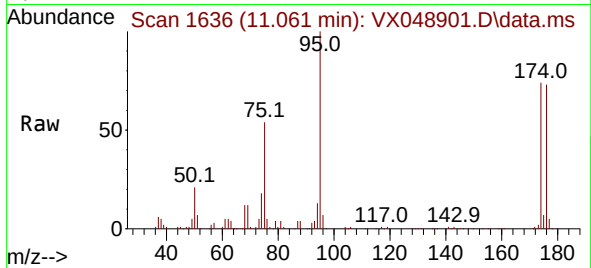




#62
4-Bromofluorobenzene
Concen: 45.390 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

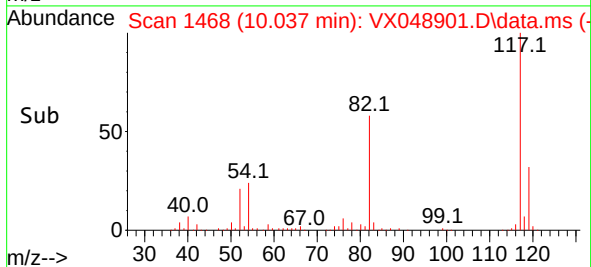
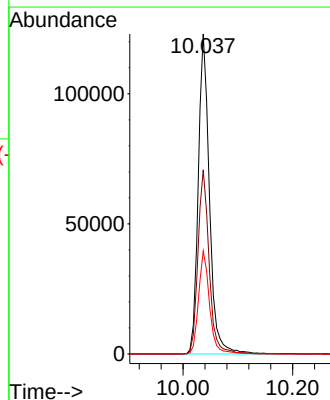
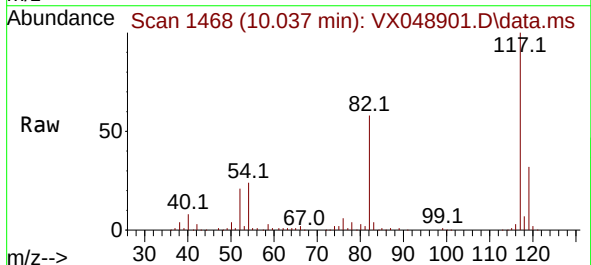
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

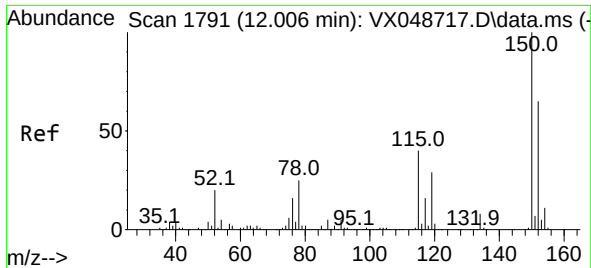
Tgt Ion: 95 Resp: 85736
Ion Ratio Lower Upper
95 100
174 82.2 0.0 157.8
176 78.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048901.D
Acq: 16 Dec 2025 20:34

Tgt Ion: 117 Resp: 175099
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048901.D

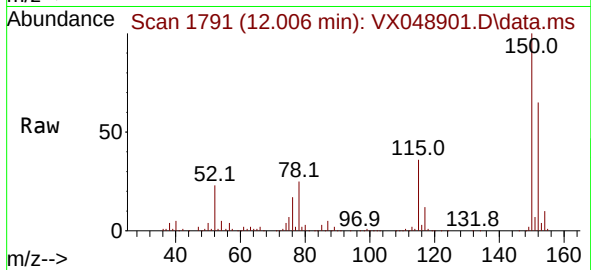
Acq: 16 Dec 2025 20:34

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:152 Resp: 74365

Ion Ratio Lower Upper

152 100

115 57.9 42.1 126.4

150 154.6 0.0 347.8

