

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048296.D
 Acq On : 22 Oct 2025 14:27
 Operator : JC/MD
 Sample : Q3373-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 24 05:55:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

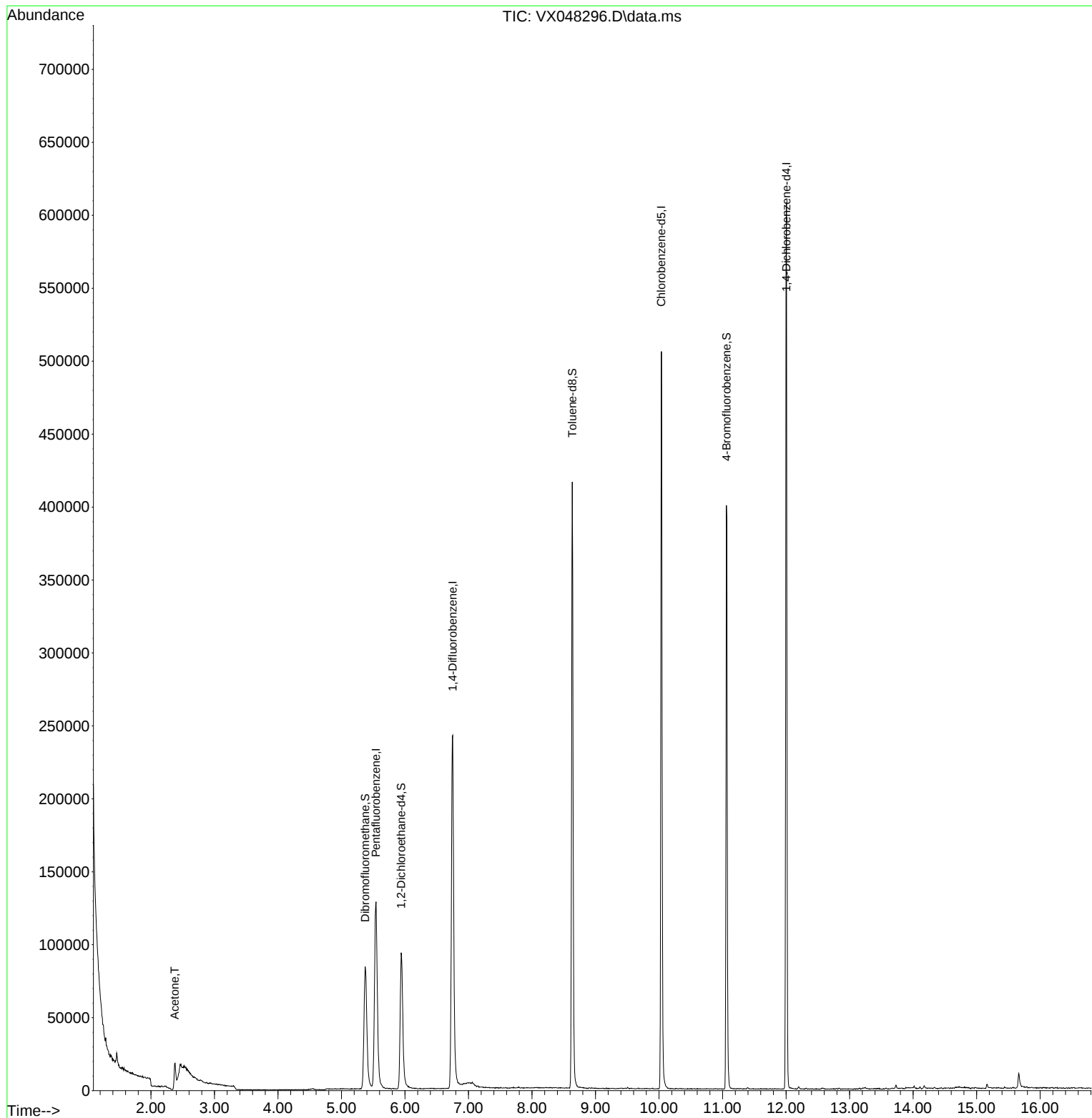
Internal Standards						
1) Pentafluorobenzene	5.544	168	133068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	266786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	242665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102039	54.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.380%
35) Dibromofluoromethane	5.373	113	83028	45.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.635	98	258836	40.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	81.080%#
62) 4-Bromofluorobenzene	11.061	95	115329	47.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
16) Acetone	2.374	43	23481	36.686	ug/l	Qvalue 97

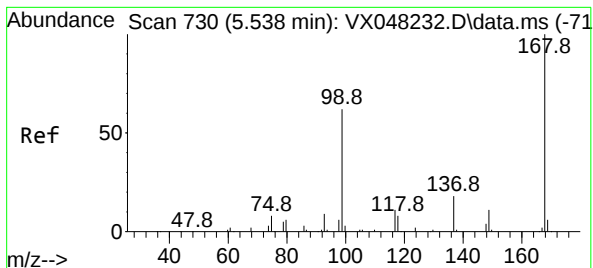
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.000 min

Lab File: VX048296.D

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Instrument :

MSVOA_X

ClientSampleId :

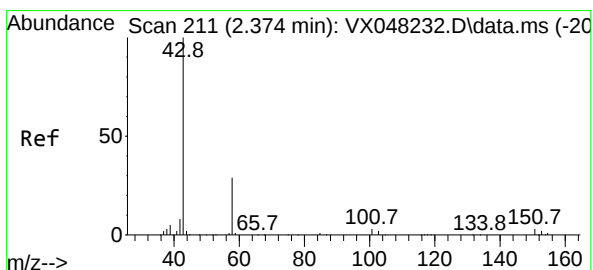
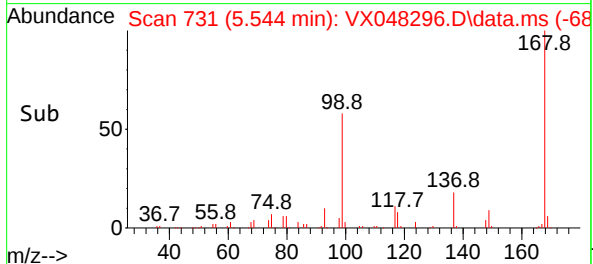
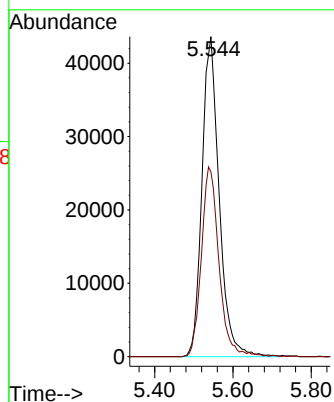
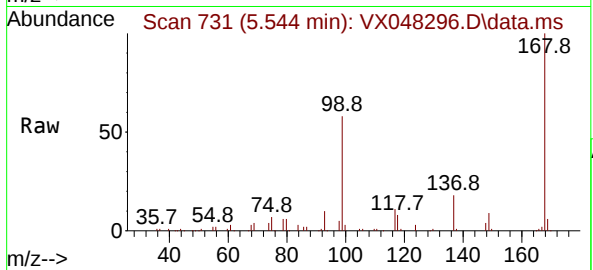
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 133068

Ion Ratio Lower Upper

168 100

99 57.8 46.4 69.6



#16

Acetone

Concen: 36.686 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048296.D

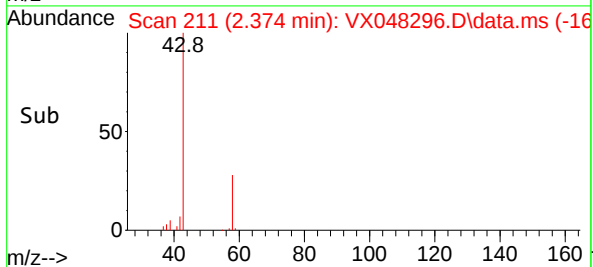
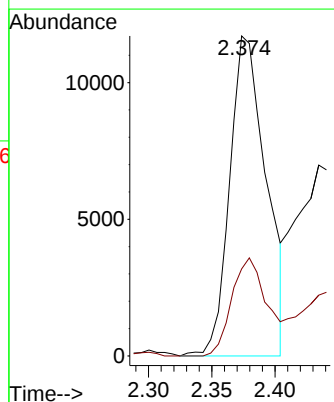
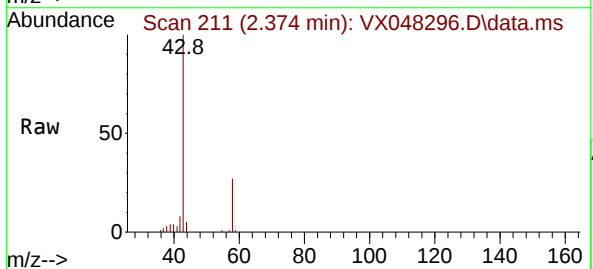
Acq: 22 Oct 2025 14:27

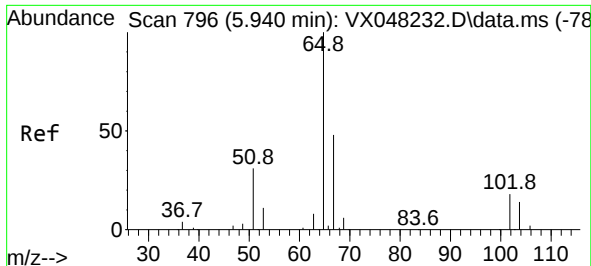
Tgt Ion: 43 Resp: 23481

Ion Ratio Lower Upper

43 100

58 27.6 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

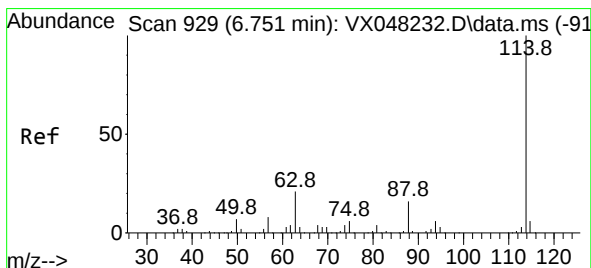
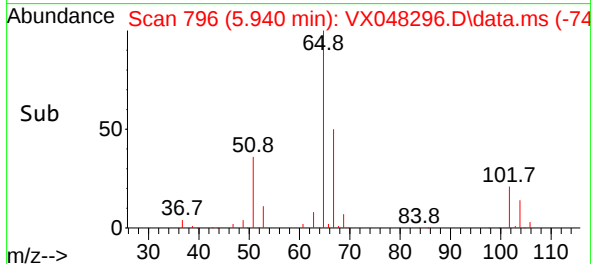
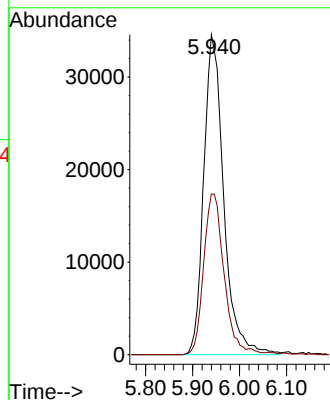
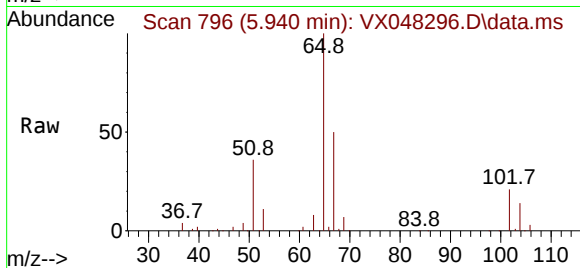
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 102039

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

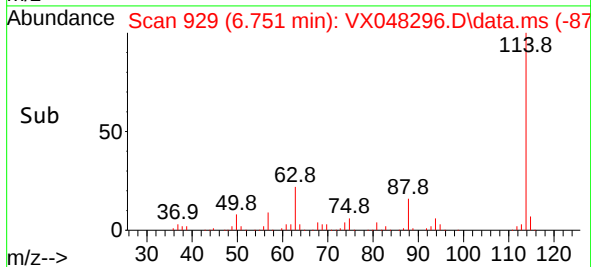
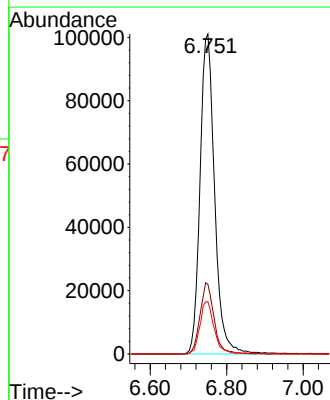
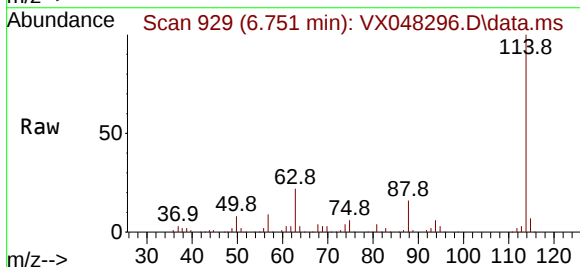
Tgt Ion: 114 Resp: 266786

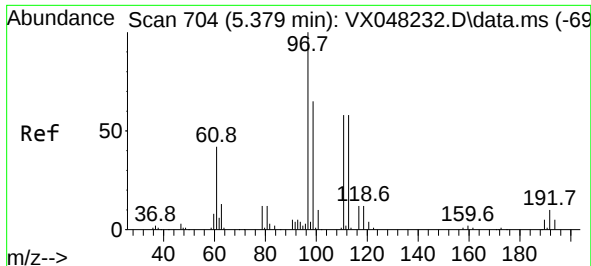
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

88 16.4 0.0 33.6

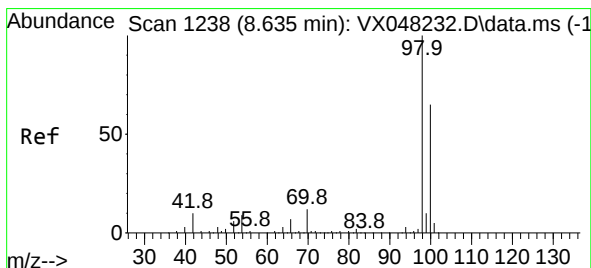
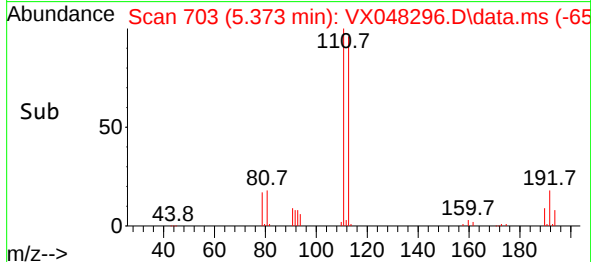
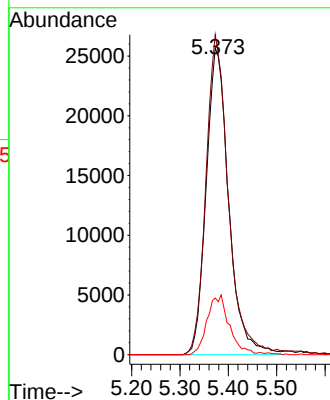
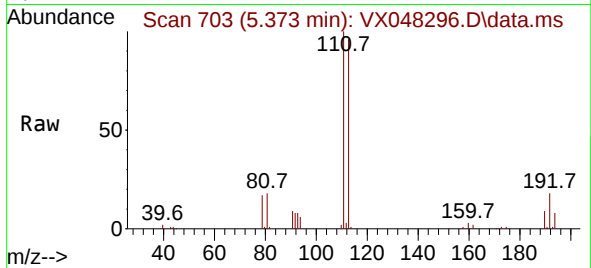




#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048296.D
Acq: 22 Oct 2025 14:27

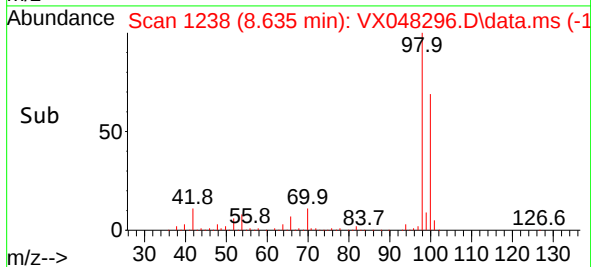
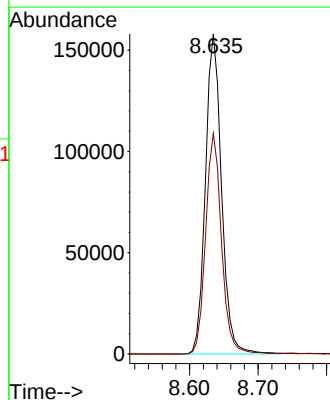
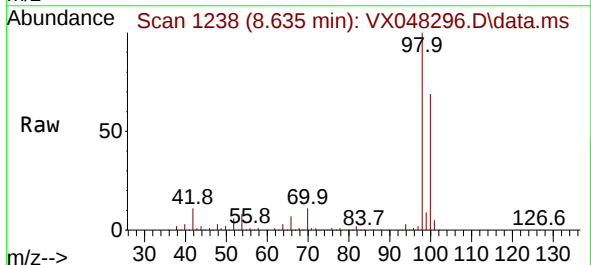
Instrument :
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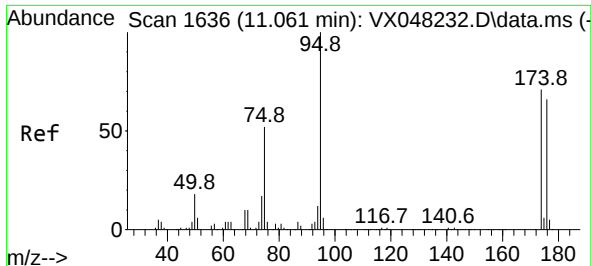
Tgt Ion:113 Resp: 83028
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.0 15.1 22.7



#50
Toluene-d8
Concen: 40.545 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048296.D
Acq: 22 Oct 2025 14:27

Tgt Ion: 98 Resp: 258836
Ion Ratio Lower Upper
98 100
100 68.0 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 47.487 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

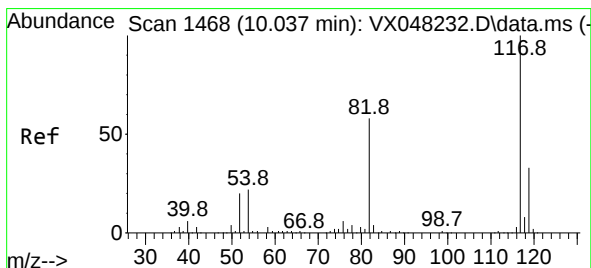
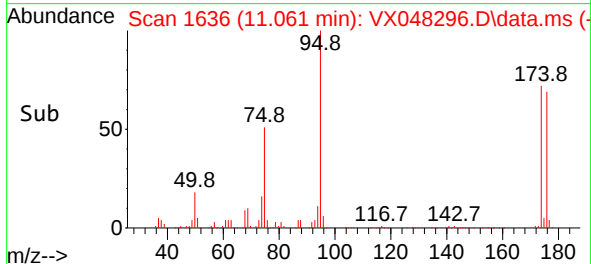
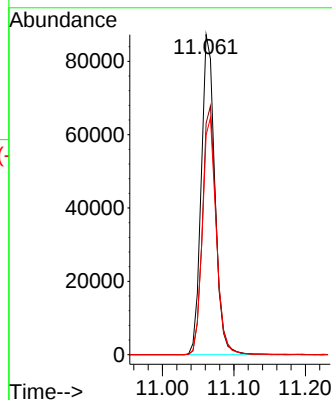
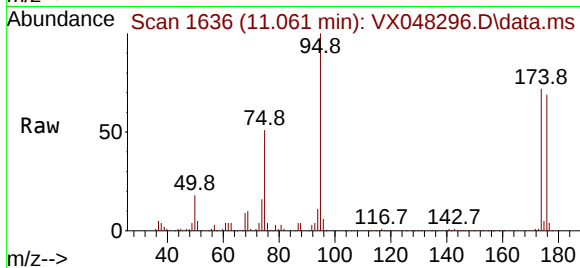
Tgt Ion: 95 Resp: 115329

Ion Ratio Lower Upper

95 100

174 78.6 0.0 147.8

176 75.4 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

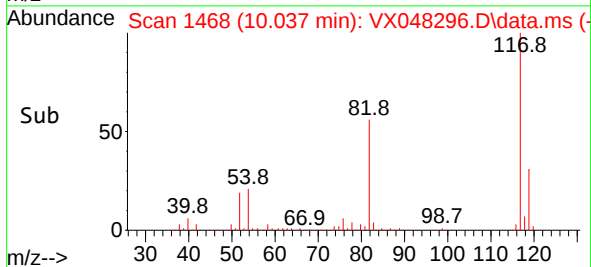
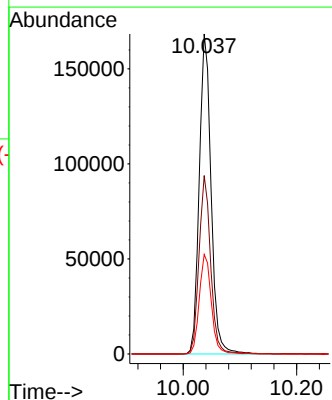
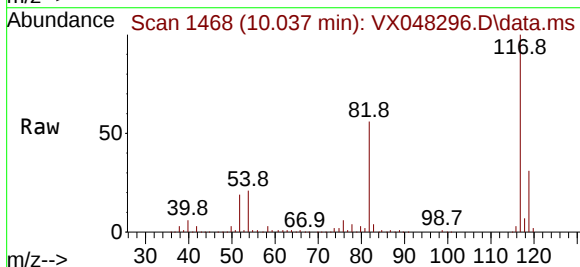
Tgt Ion: 117 Resp: 242665

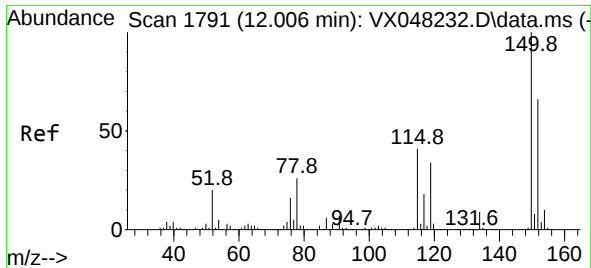
Ion Ratio Lower Upper

117 100

82 55.8 46.5 69.7

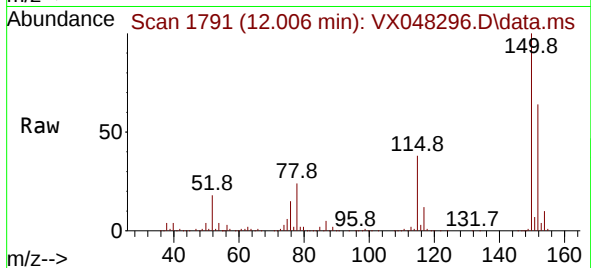
119 31.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048296.D
 Acq: 22 Oct 2025 14:27

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



Tgt Ion:152 Resp: 130816
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.1 129.4
 150 155.7 0.0 353.0

