

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048733.D
 Acq On : 05 Dec 2025 14:13
 Operator : JC/MD
 Sample : Q3757-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B-46-120325

Quant Time: Dec 05 22:04:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

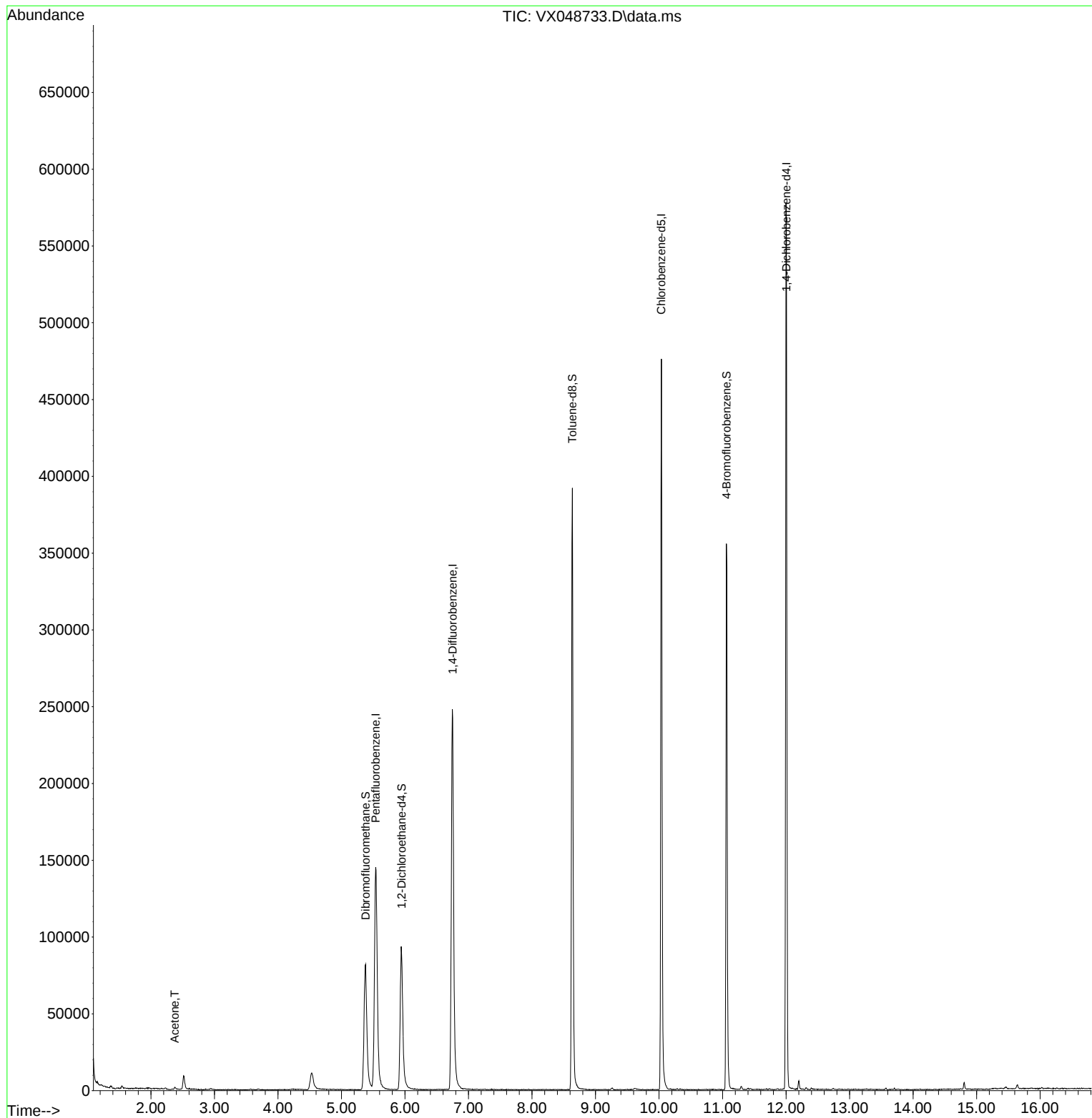
Internal Standards						
1) Pentafluorobenzene	5.537	168	161591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102428	47.227	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.460%
35) Dibromofluoromethane	5.379	113	80744	40.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.840%
50) Toluene-d8	8.634	98	244075	35.291	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	70.580%#
62) 4-Bromofluorobenzene	11.061	95	103850	43.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%
Target Compounds						
16) Acetone	2.373	43	2569	3.094	ug/l	Qvalue 100

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

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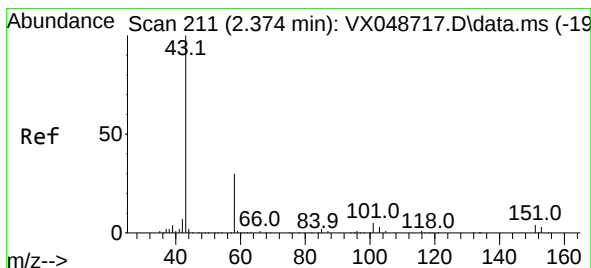
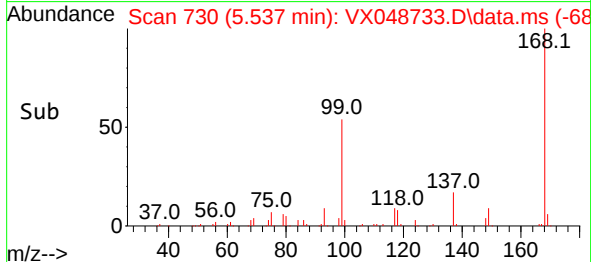
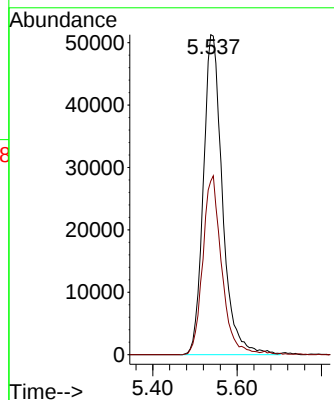
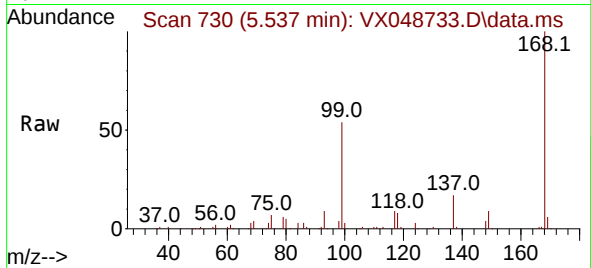




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

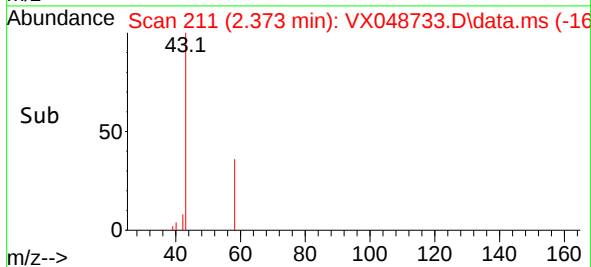
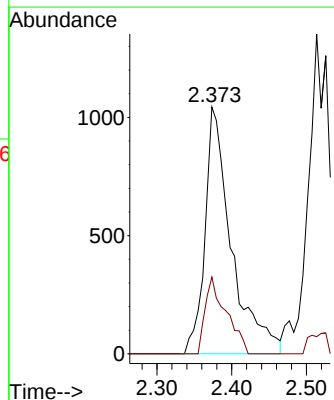
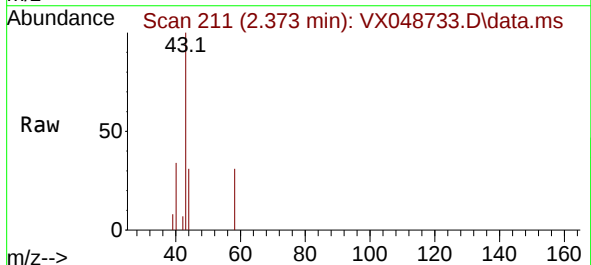
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

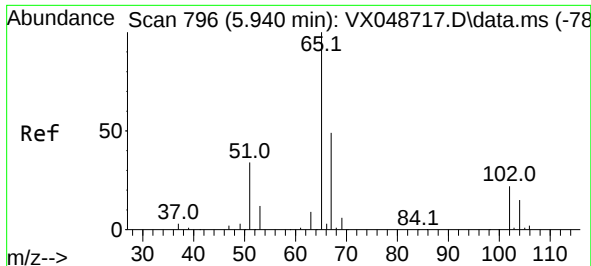
Tgt Ion:168 Resp: 161591
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#16
Acetone
Concen: 3.094 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
58 31.1 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 47.227 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048733.D

Acq: 05 Dec 2025 14:13

Instrument :

MSVOA_X

ClientSampleId :

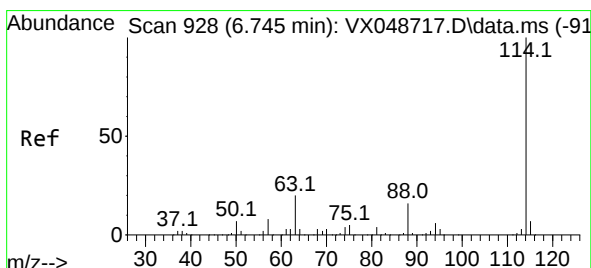
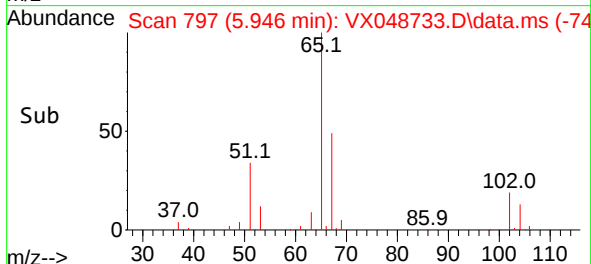
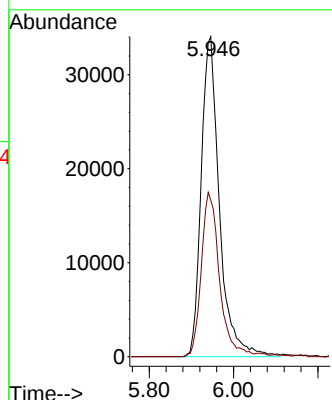
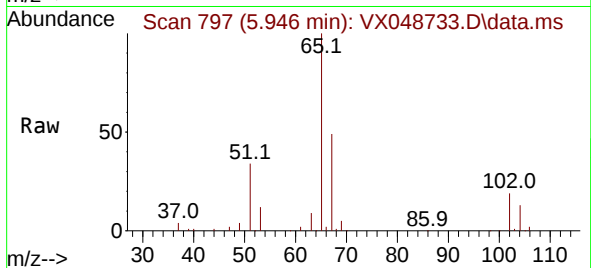
MW-14B-46-120325

Tgt Ion: 65 Resp: 102428

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048733.D

Acq: 05 Dec 2025 14:13

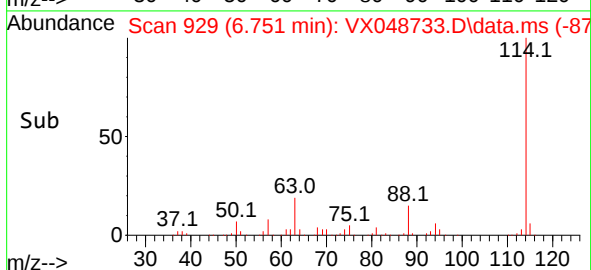
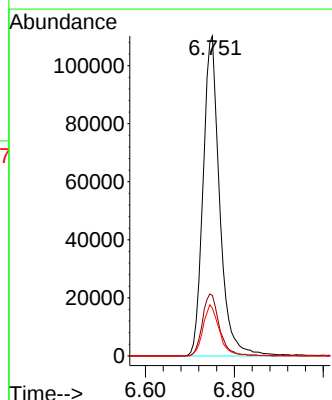
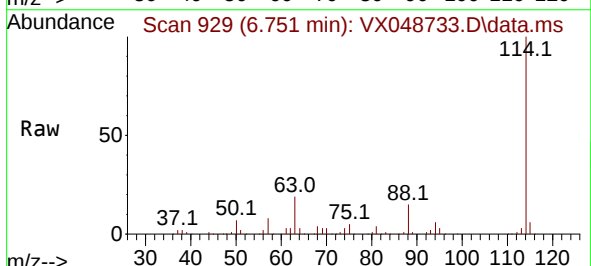
Tgt Ion: 114 Resp: 286549

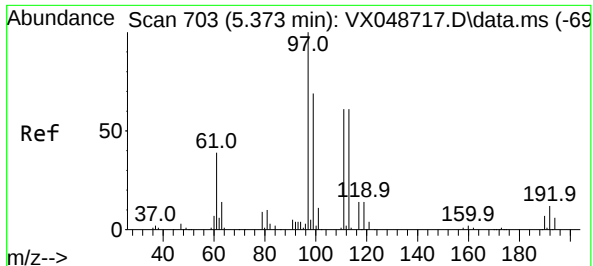
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

88 14.9 0.0 31.8

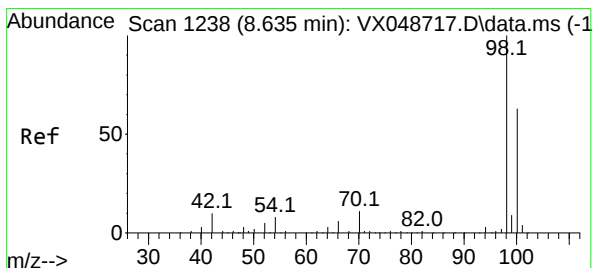
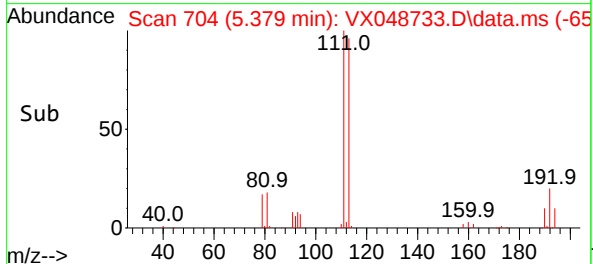
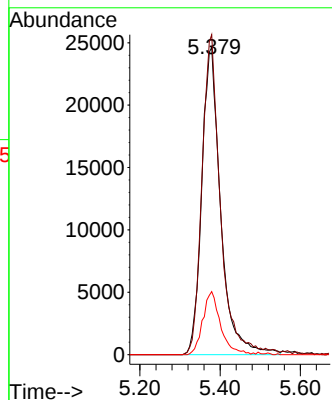
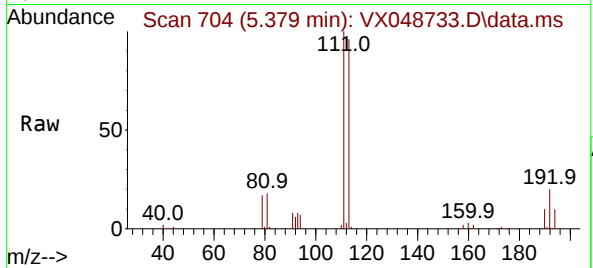




#35
Dibromofluoromethane
Concen: 40.924 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

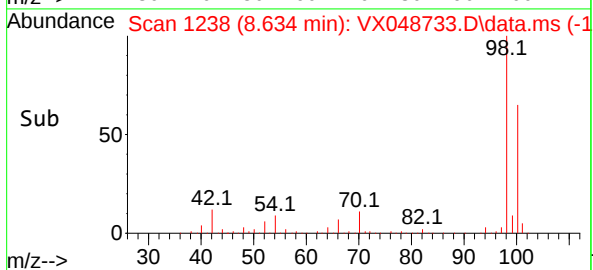
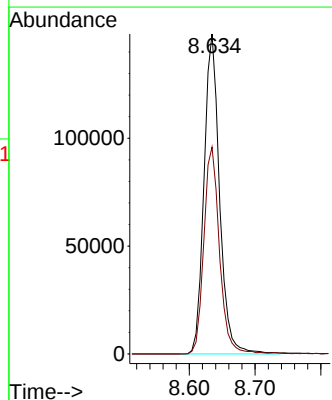
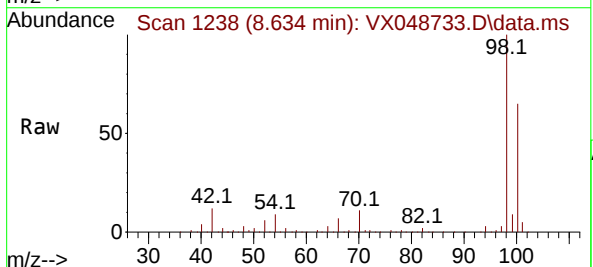
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

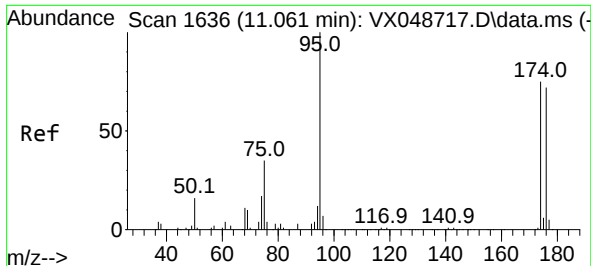
Tgt Ion:113 Resp: 80744
Ion Ratio Lower Upper
113 100
111 101.6 79.5 119.3
192 19.3 16.1 24.1



#50
Toluene-d8
Concen: 35.291 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 98 Resp: 244075
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0

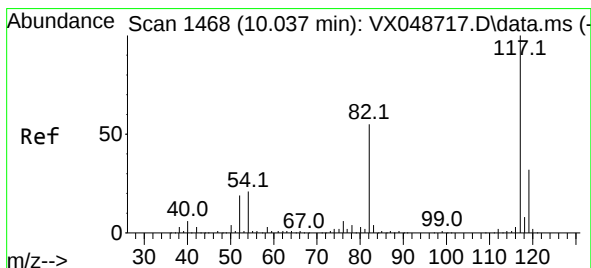
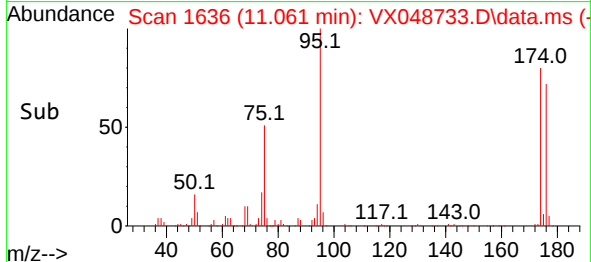
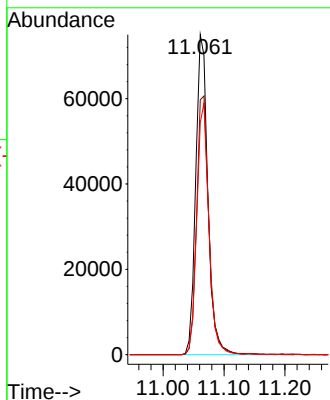
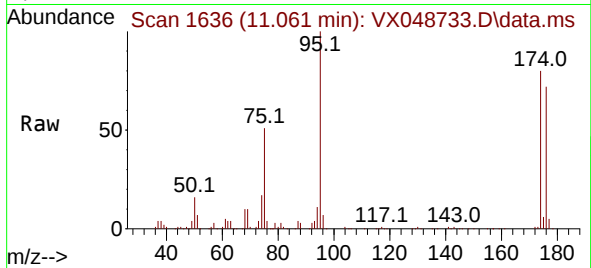




#62
4-Bromofluorobenzene
Concen: 43.546 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

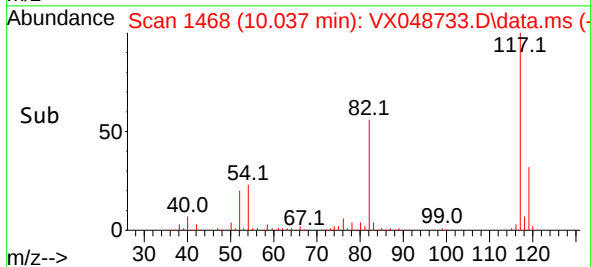
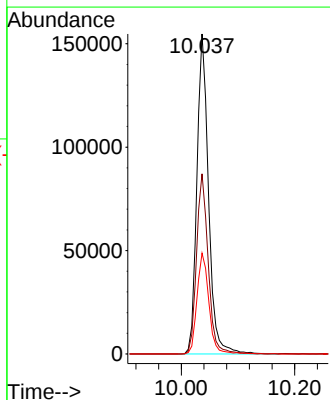
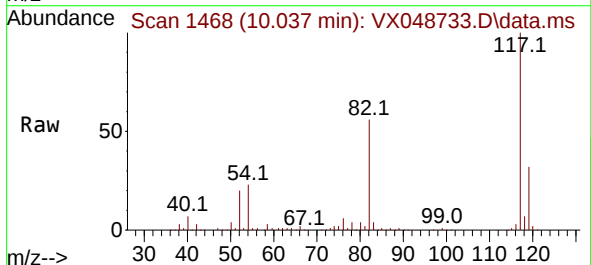
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

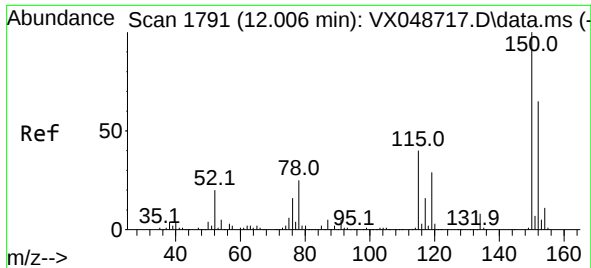
Tgt Ion: 95 Resp: 103850
Ion Ratio Lower Upper
95 100
174 81.4 0.0 157.8
176 78.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

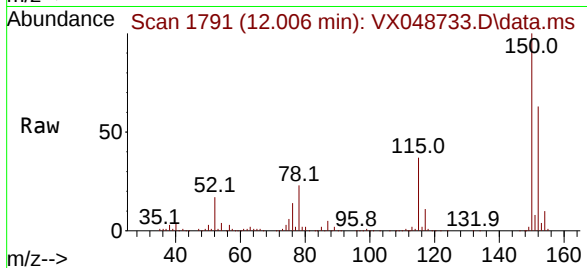
Tgt Ion: 117 Resp: 220300
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 31.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048733.D
 Acq: 05 Dec 2025 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B-46-120325



Tgt Ion:152 Resp: 131055
 Ion Ratio Lower Upper
 152 100
 115 58.4 42.1 126.4
 150 156.9 0.0 347.8

