

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048816.D
 Acq On : 10 Dec 2025 16:54
 Operator : JC/MD
 Sample : Q3788-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-120525RE

Quant Time: Dec 11 00:26:40 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)

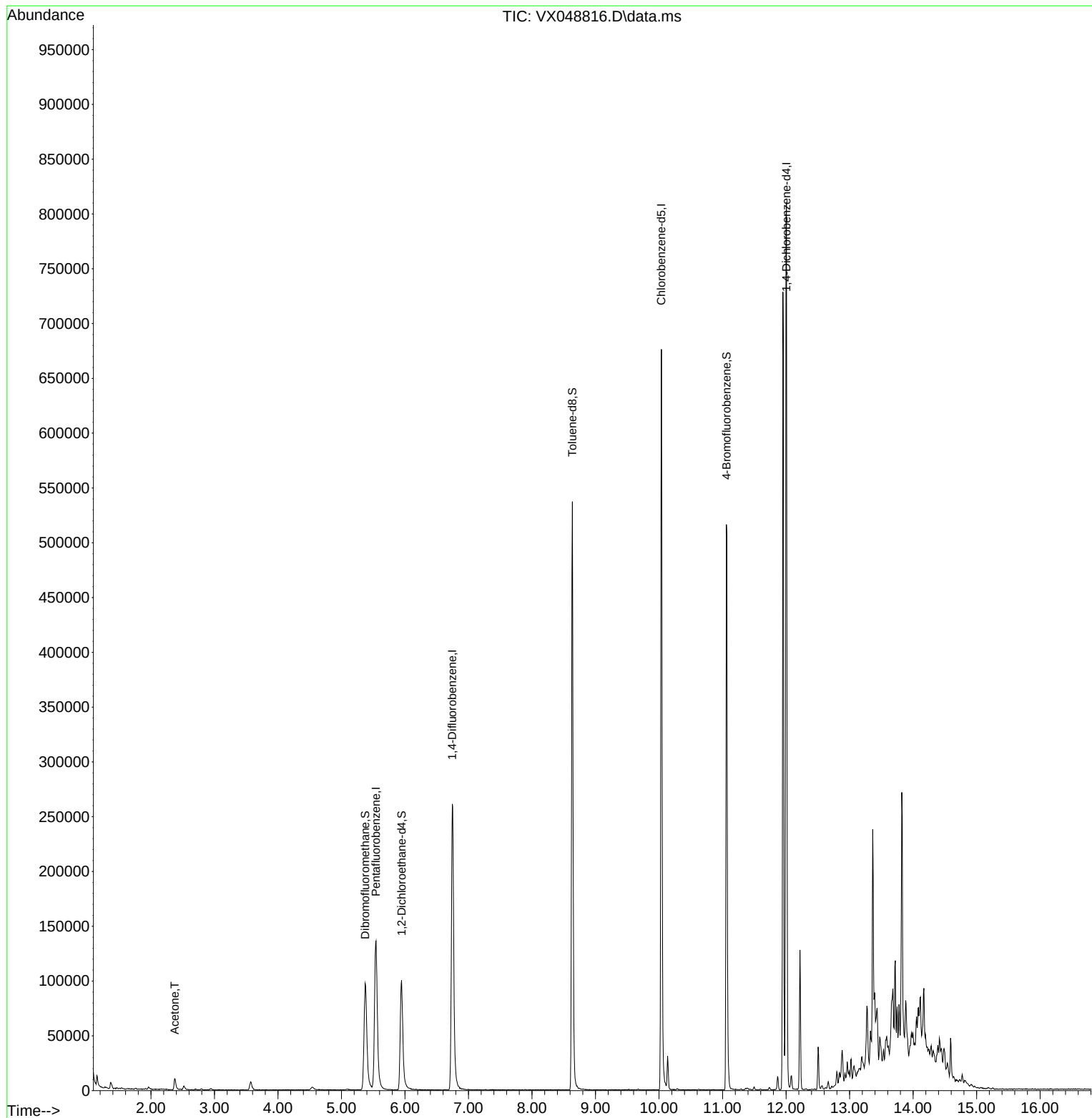
Internal Standards						
1) Pentafluorobenzene	5.544	168	145186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	320506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	183436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109578	56.232	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.460%
35) Dibromofluoromethane	5.373	113	97169	47.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.634	98	341748	47.578	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.061	95	151134	61.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.040%
Target Compounds						
16) Acetone	2.373	43	14606	19.579	ug/l	Qvalue 95

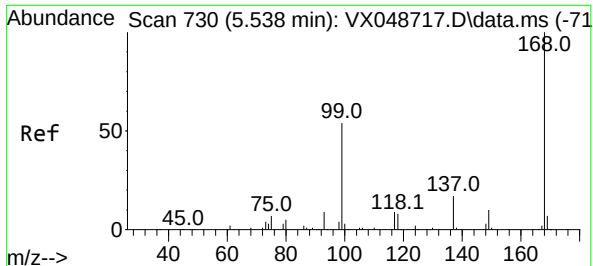
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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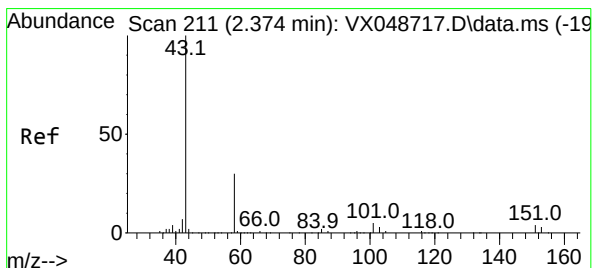
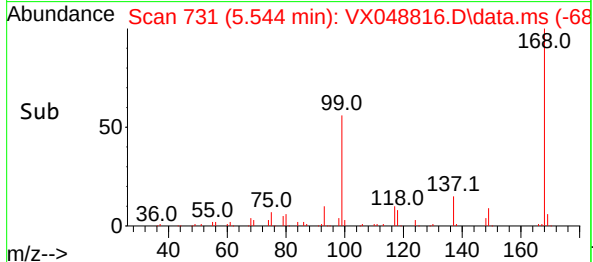
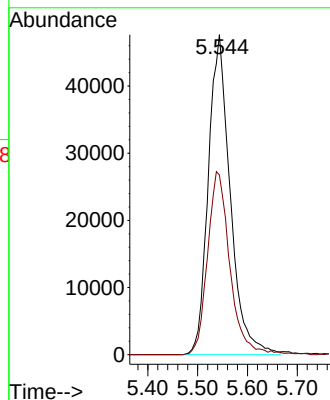
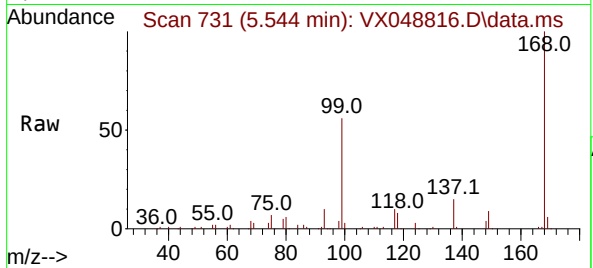




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

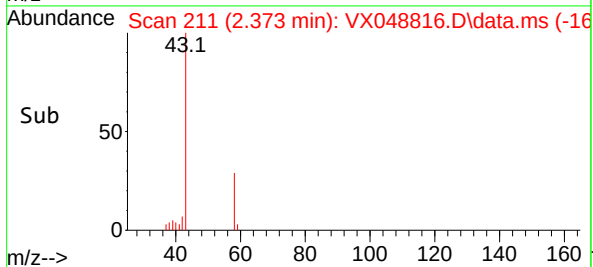
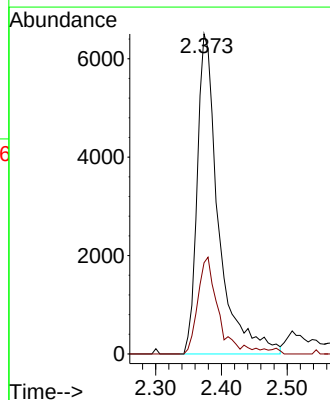
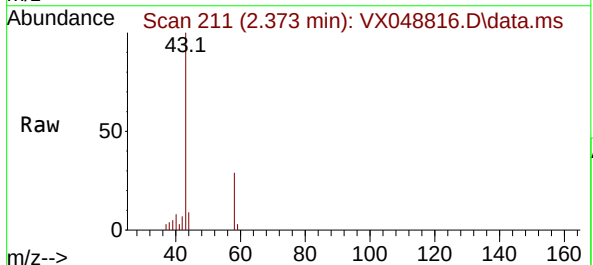
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

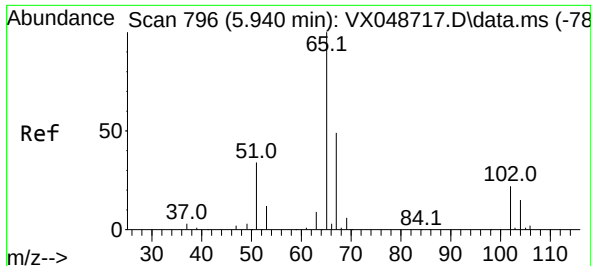
Tgt Ion:168 Resp: 145186
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#16
Acetone
Concen: 19.579 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion: 43 Resp: 14606
Ion Ratio Lower Upper
43 100
58 28.5 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 56.232 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048816.D

Acq: 10 Dec 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

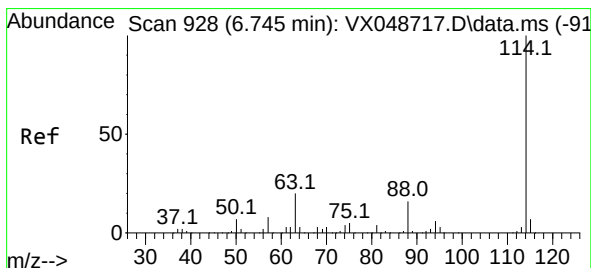
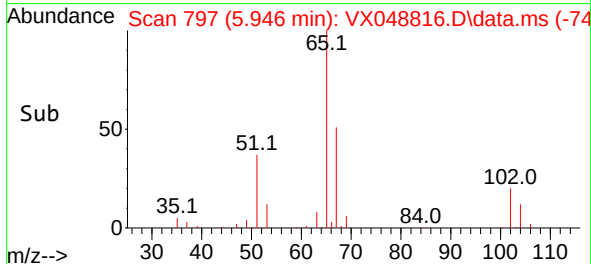
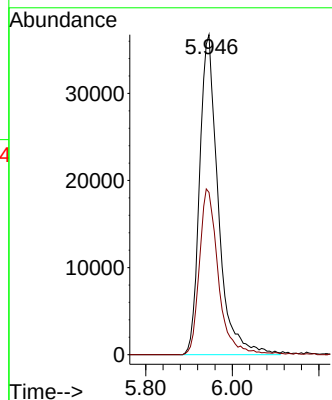
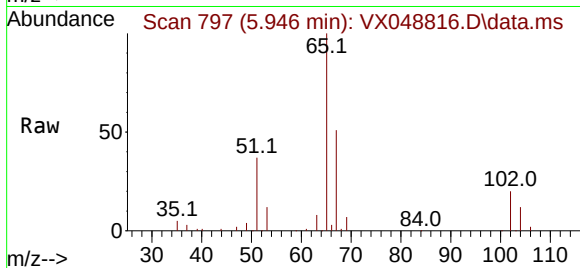
MW-16B-87.5-120525RE

Tgt Ion: 65 Resp: 109578

Ion Ratio Lower Upper

65 100

67 52.5 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: VX048816.D

Acq: 10 Dec 2025 16:54

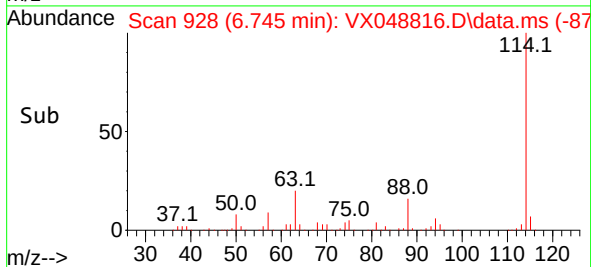
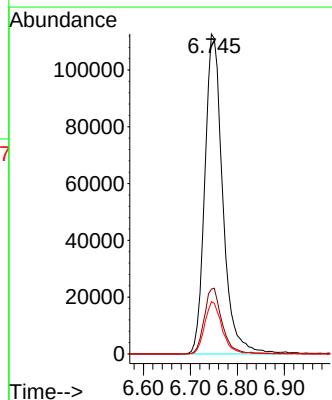
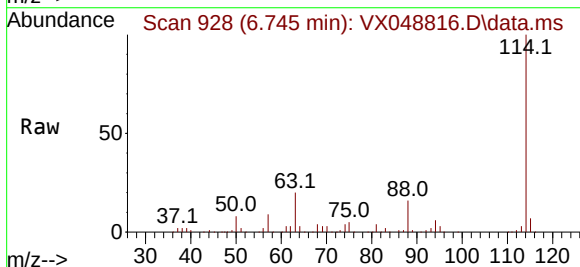
Tgt Ion: 114 Resp: 297607

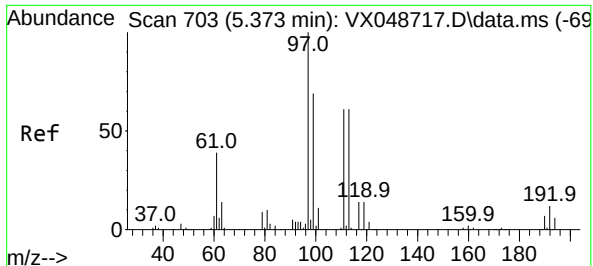
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

88 16.4 0.0 31.8

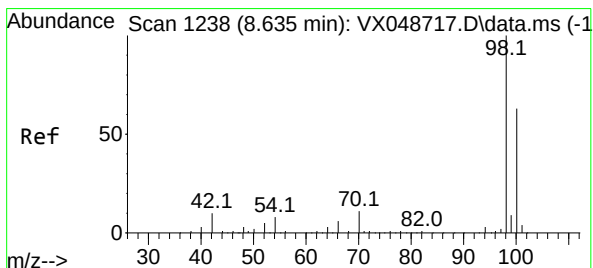
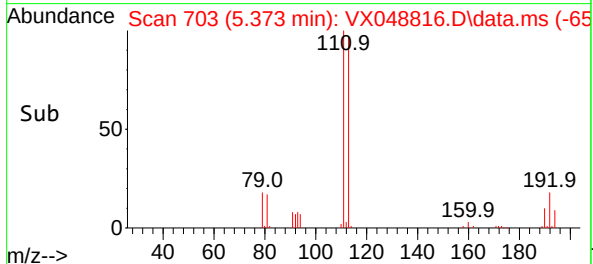
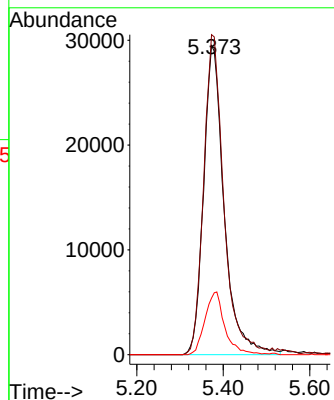
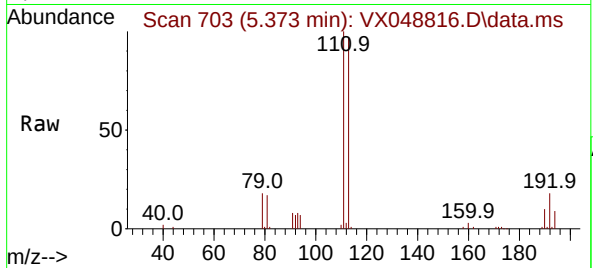




#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

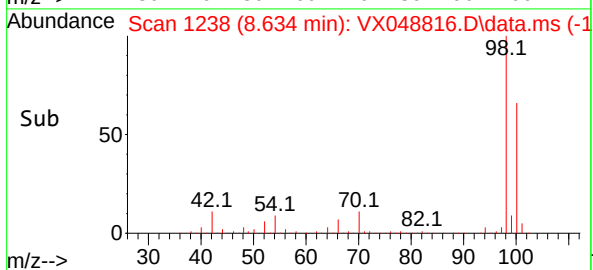
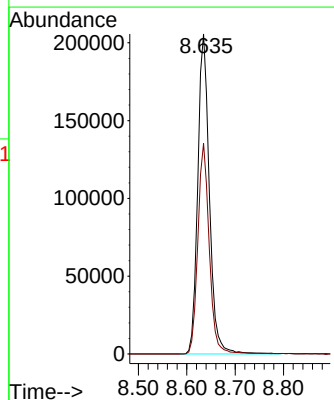
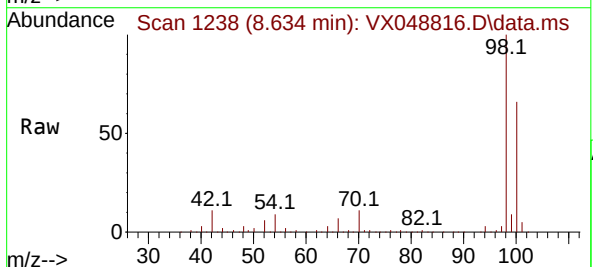
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

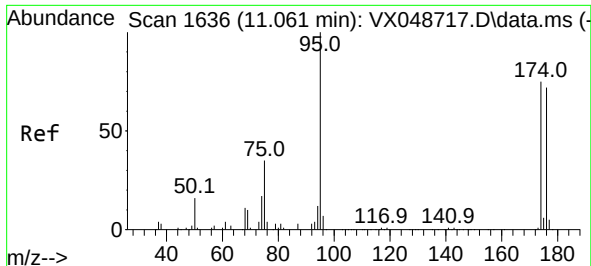
Tgt Ion:113 Resp: 97169
Ion Ratio Lower Upper
113 100
111 101.5 79.5 119.3
192 19.7 16.1 24.1



#50
Toluene-d8
Concen: 47.578 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion: 98 Resp: 341748
Ion Ratio Lower Upper
98 100
100 64.7 53.4 80.0

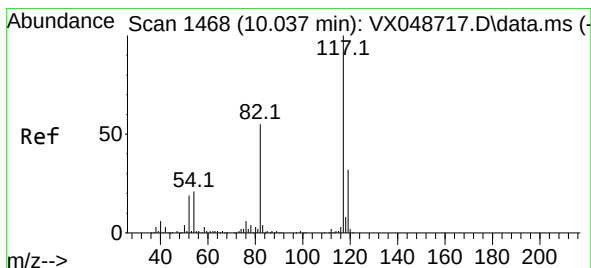
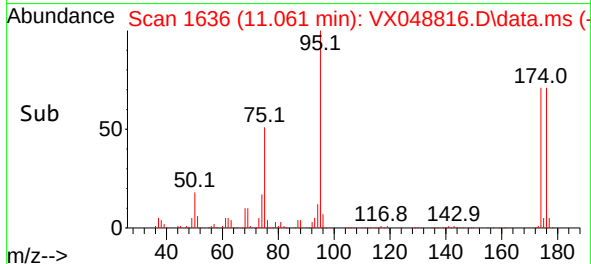
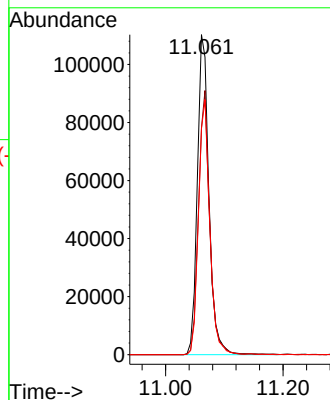
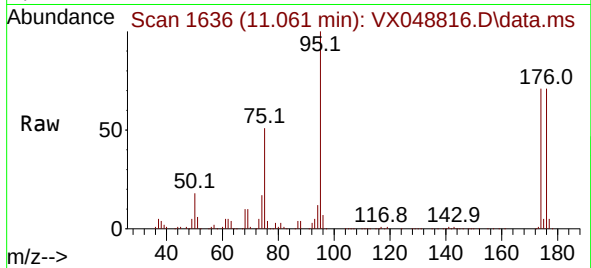




#62
4-Bromofluorobenzene
Concen: 61.018 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

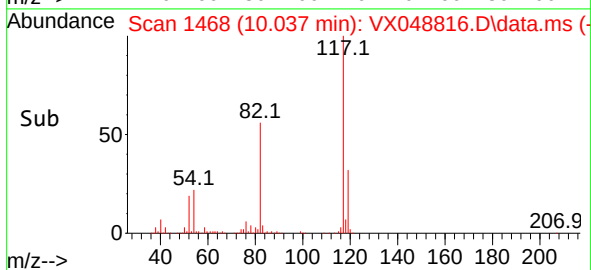
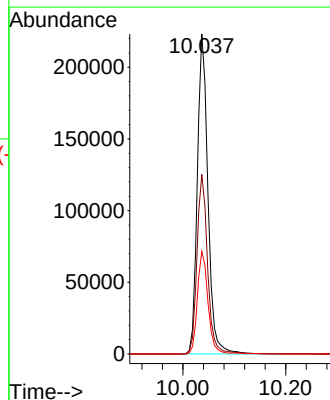
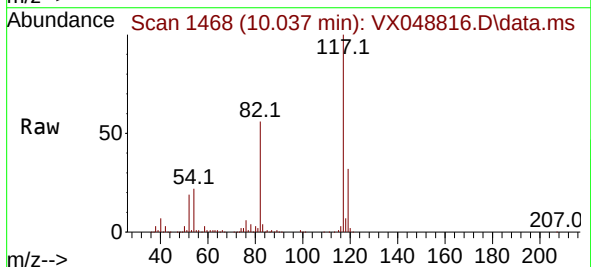
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

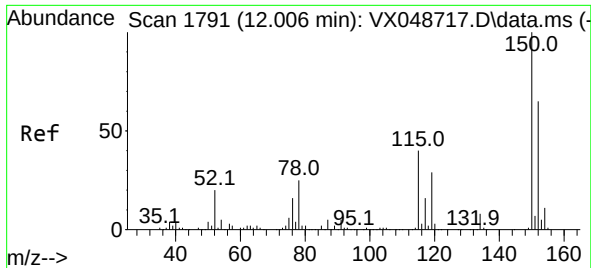
Tgt Ion: 95 Resp: 151134
Ion Ratio Lower Upper
95 100
174 79.5 0.0 157.8
176 77.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

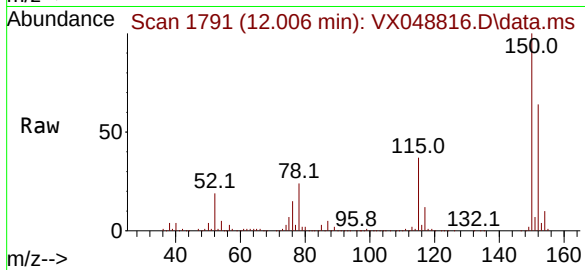
Tgt Ion: 117 Resp: 320506
Ion Ratio Lower Upper
117 100
82 56.1 44.1 66.1
119 32.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048816.D
 Acq: 10 Dec 2025 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-120525RE



Tgt Ion:152 Resp: 183436
 Ion Ratio Lower Upper
 152 100
 115 57.7 42.1 126.4
 150 154.6 0.0 347.8

