

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048807.D
 Acq On : 10 Dec 2025 13:49
 Operator : JC/MD
 Sample : Q3787-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425RE

Quant Time: Dec 11 00:21:56 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)

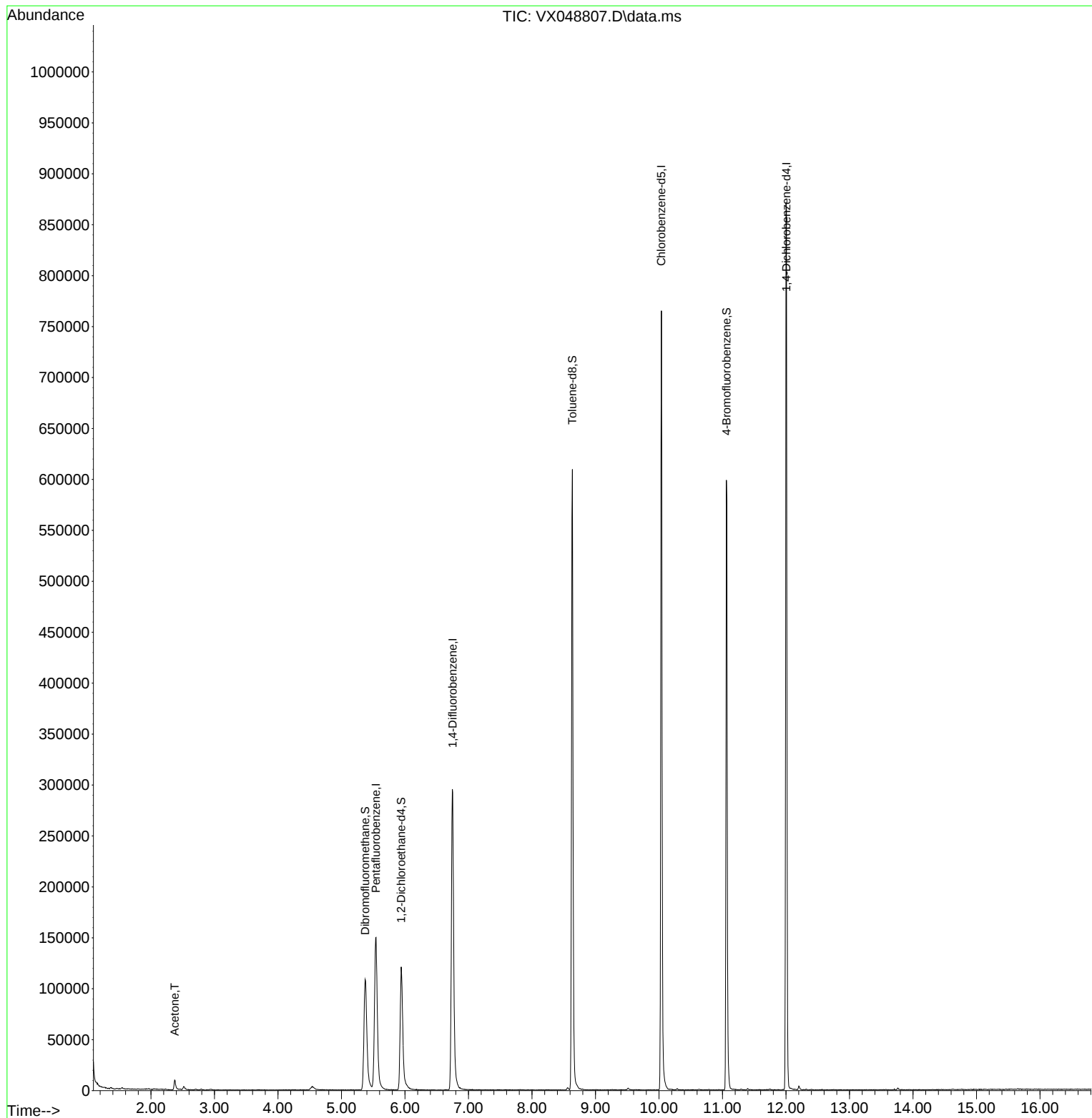
Internal Standards						
1) Pentafluorobenzene	5.544	168	160525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	337243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	371573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	199241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129478	60.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.200%#	
35) Dibromofluoromethane	5.373	113	110759	47.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.400%	
50) Toluene-d8	8.635	98	387316	47.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.160%	
62) 4-Bromofluorobenzene	11.061	95	175644	62.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.160%#	
Target Compounds						
16) Acetone	2.374	43	12860	15.592	ug/l	Qvalue 96

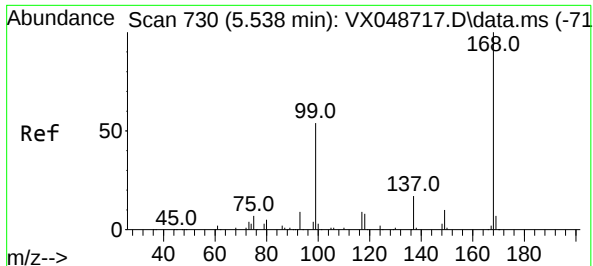
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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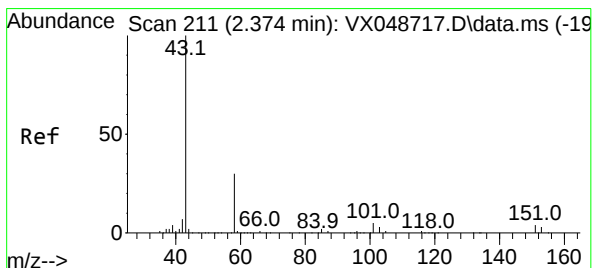
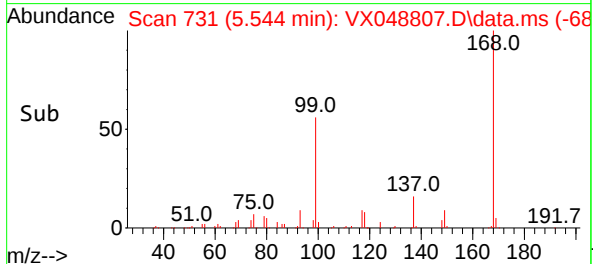
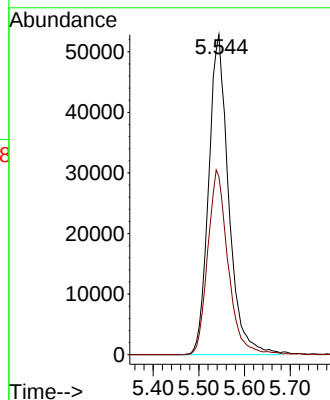
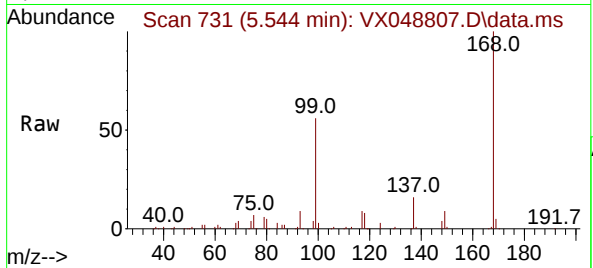




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

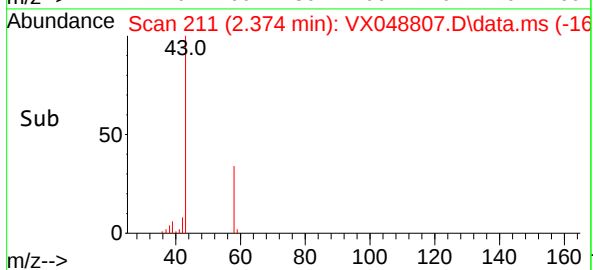
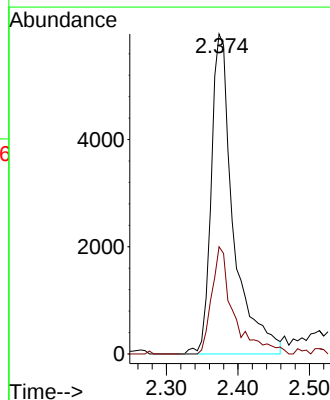
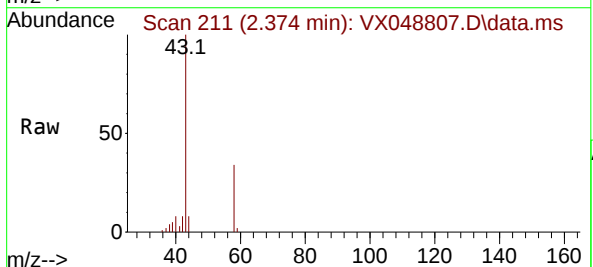
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

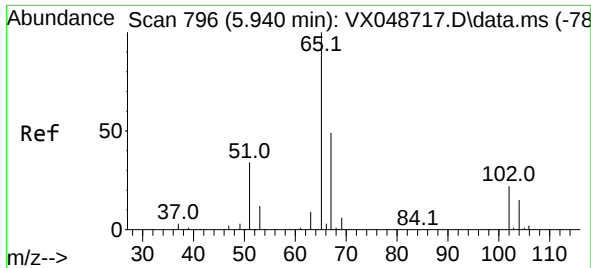
Tgt Ion:168 Resp: 160525
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#16
Acetone
Concen: 15.592 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 43 Resp: 12860
Ion Ratio Lower Upper
43 100
58 33.5 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 60.095 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048807.D

Acq: 10 Dec 2025 13:49

Instrument :

MSVOA_X

ClientSampleId :

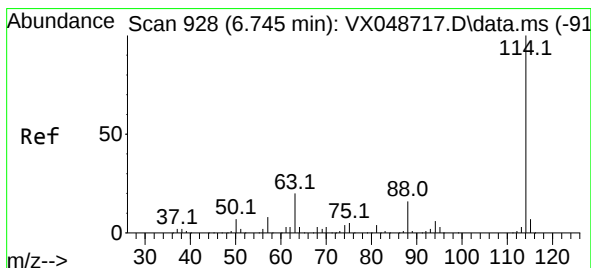
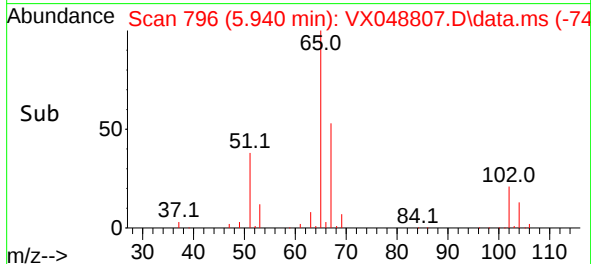
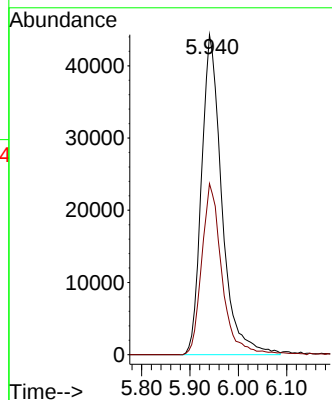
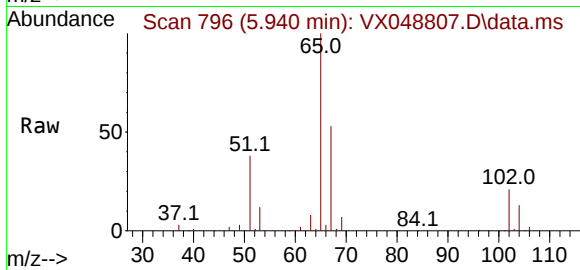
OWBR-02-170-120425RE

Tgt Ion: 65 Resp: 129478

Ion Ratio Lower Upper

65 100

67 53.3 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: VX048807.D

Acq: 10 Dec 2025 13:49

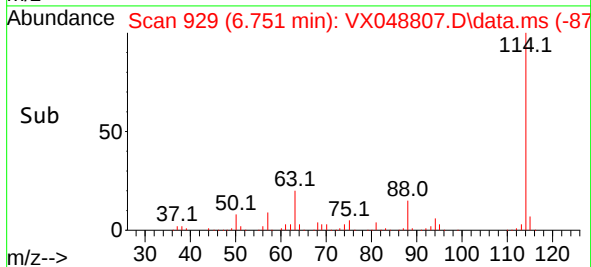
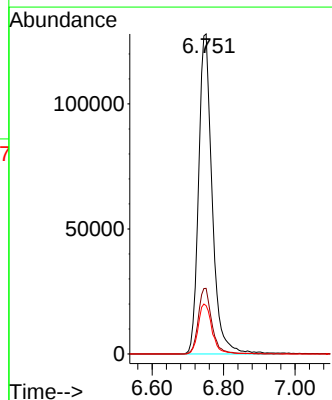
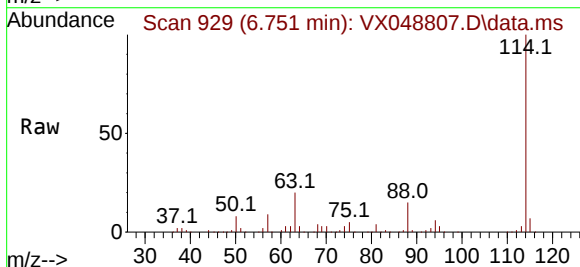
Tgt Ion: 114 Resp: 337243

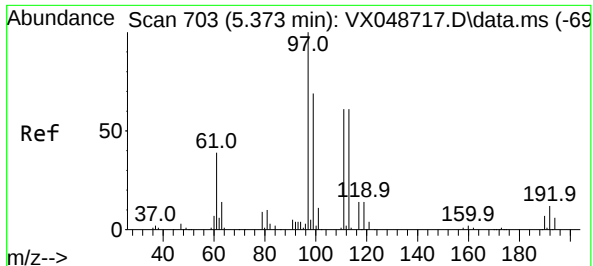
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.1 0.0 31.8

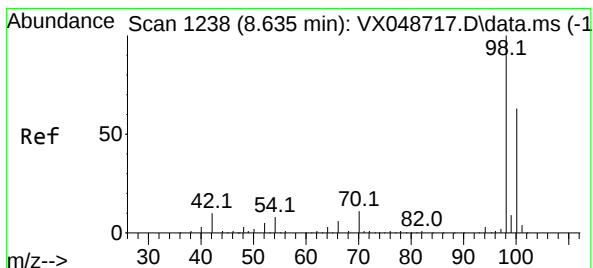
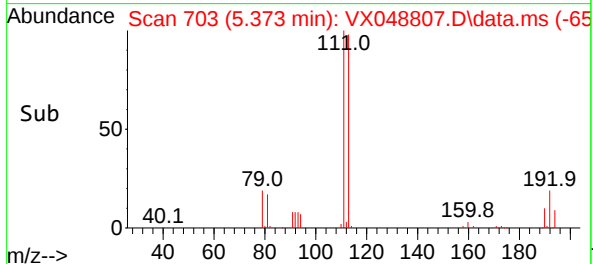
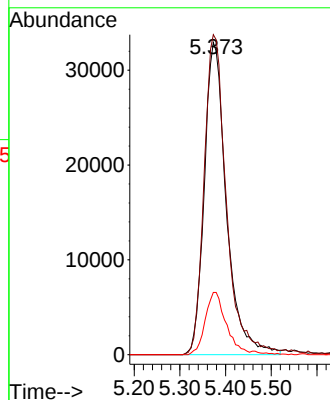
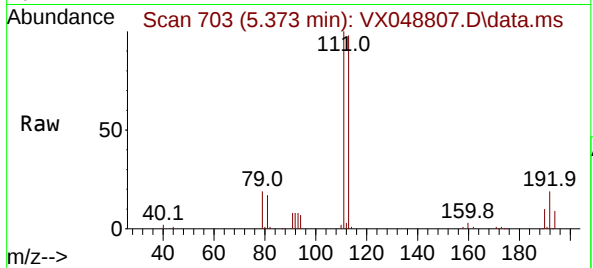




#35
Dibromofluoromethane
Concen: 47.699 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

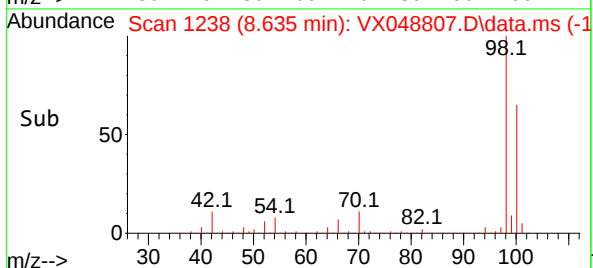
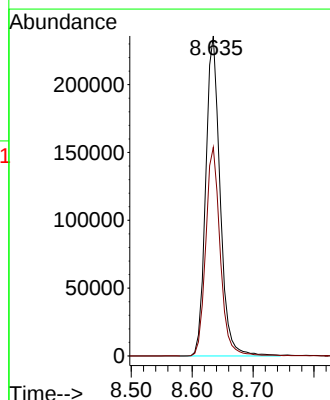
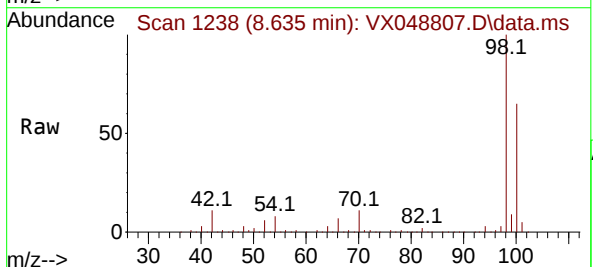
Instrument :
MSVOA_X
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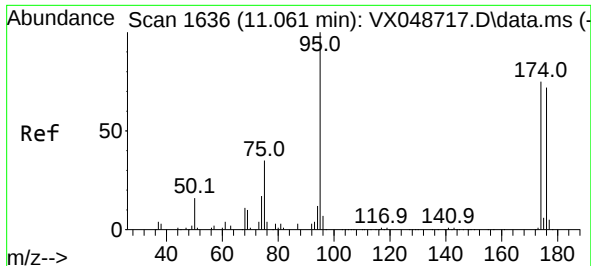
Tgt Ion:113 Resp: 110759
Ion Ratio Lower Upper
113 100
111 103.0 79.5 119.3
192 18.8 16.1 24.1



#50
Toluene-d8
Concen: 47.585 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 98 Resp: 387316
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

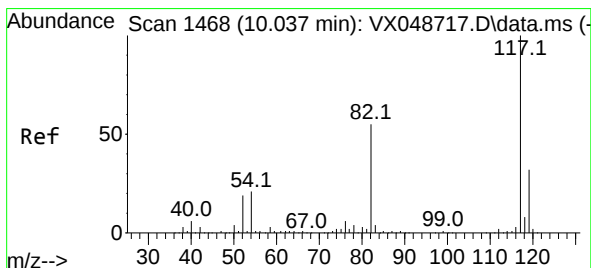
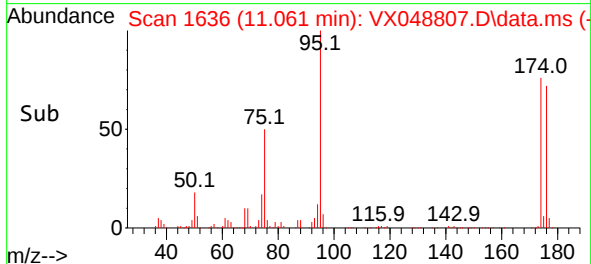
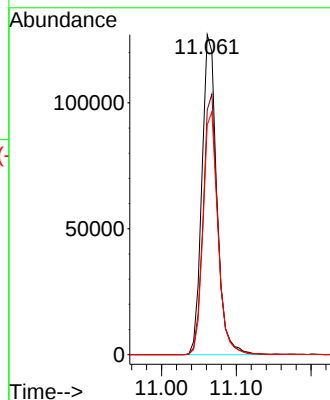
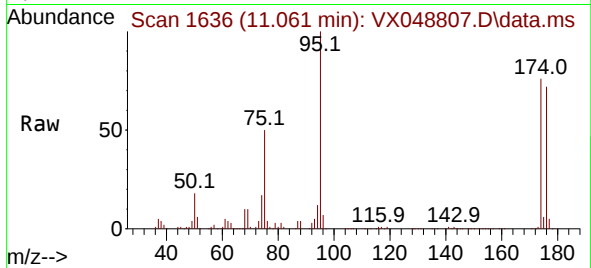




#62
4-Bromofluorobenzene
Concen: 62.579 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

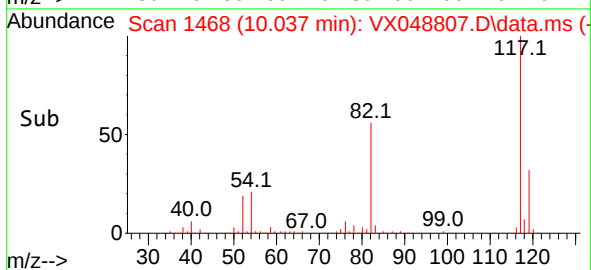
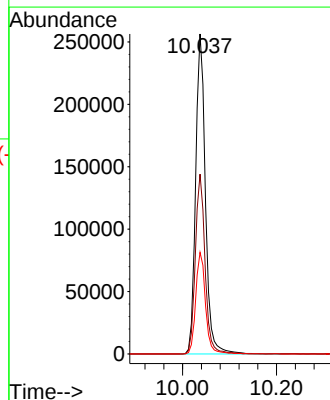
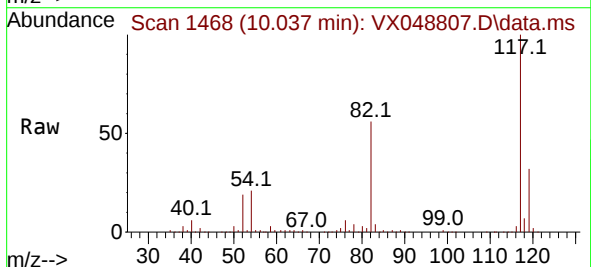
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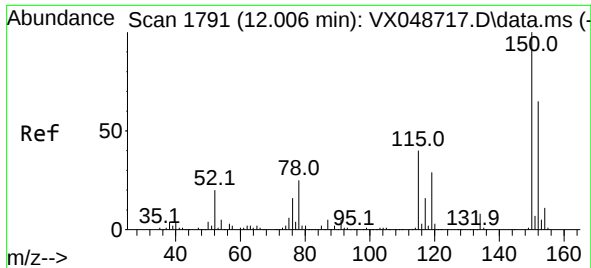
Tgt Ion: 95 Resp: 175644
Ion Ratio Lower Upper
95 100
174 80.6 0.0 157.8
176 76.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

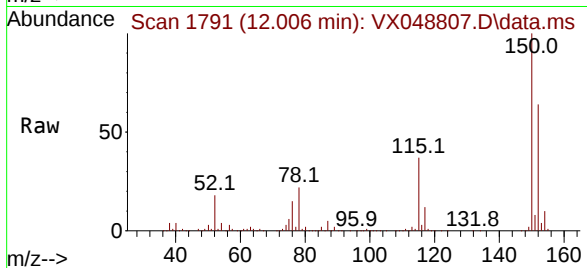
Tgt Ion: 117 Resp: 371573
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048807.D
 Acq: 10 Dec 2025 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	42.1	126.4
150	155.7	0.0	347.8

