

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047305.D
 Acq On : 12 Aug 2025 18:11
 Operator : JC/MD
 Sample : Q2814-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-W

Quant Time: Aug 13 01:25:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

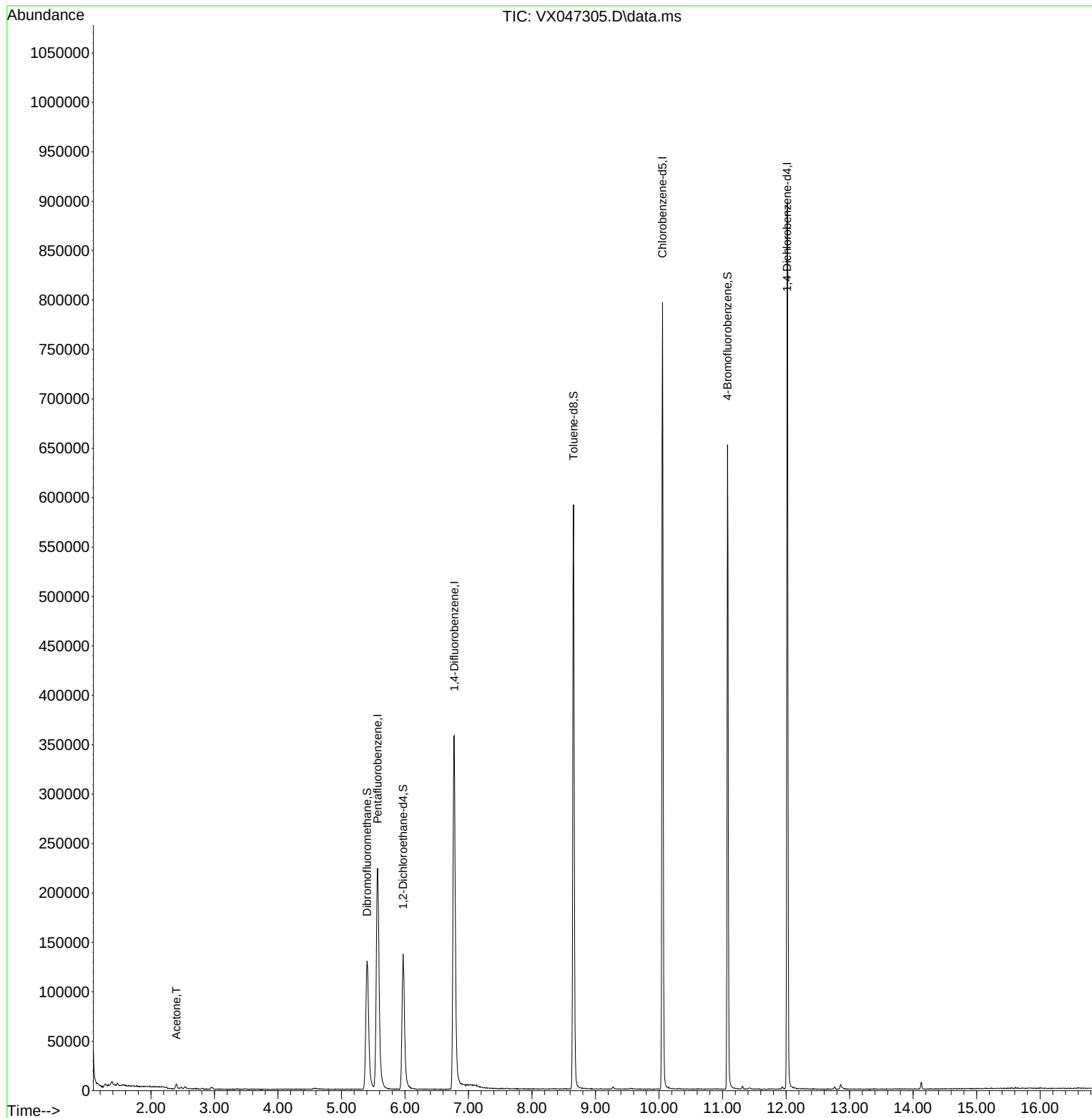
Internal Standards						
1) Pentafluorobenzene	5.568	168	226107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	389996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	180840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	143251	50.860	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.720%	
35) Dibromofluoromethane	5.403	113	125425	52.088	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.180%	
50) Toluene-d8	8.653	98	350845	44.991	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	89.980%#	
62) 4-Bromofluorobenzene	11.079	95	171221	50.950	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.900%	
Target Compounds						
16) Acetone	2.398	43	6802	6.028	ug/l	Qvalue 93

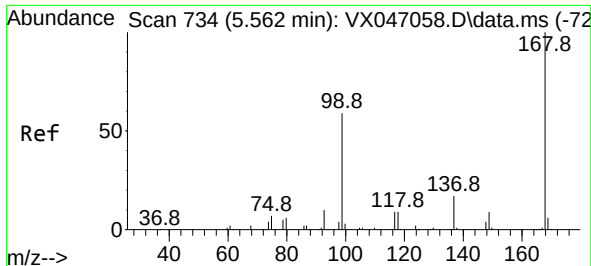
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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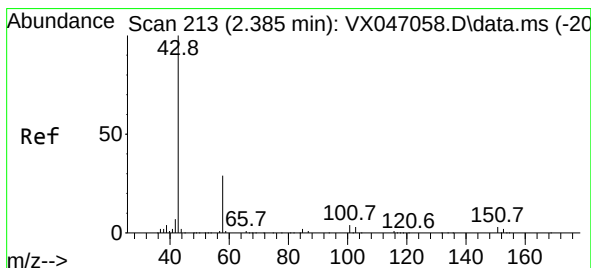
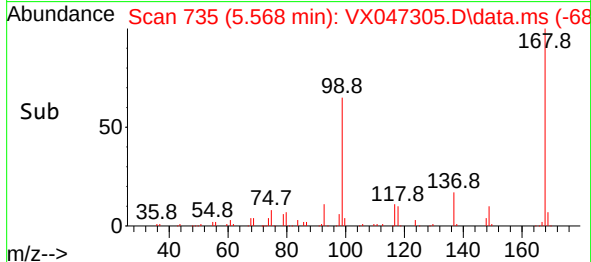
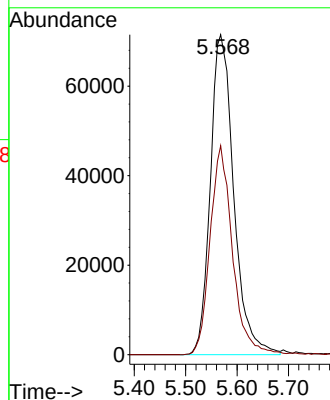
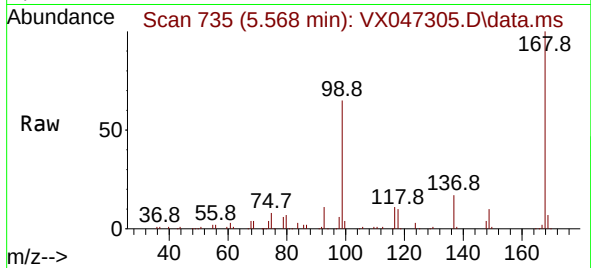




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047305.D
Acq: 12 Aug 2025 18:11

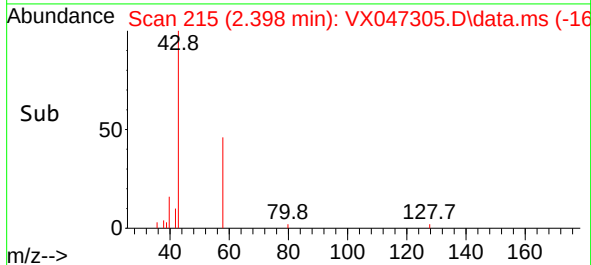
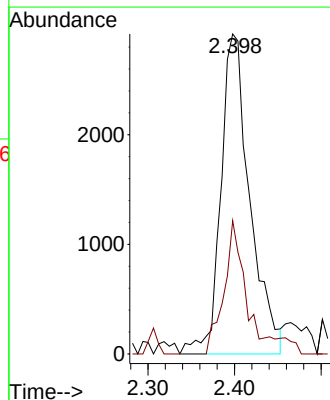
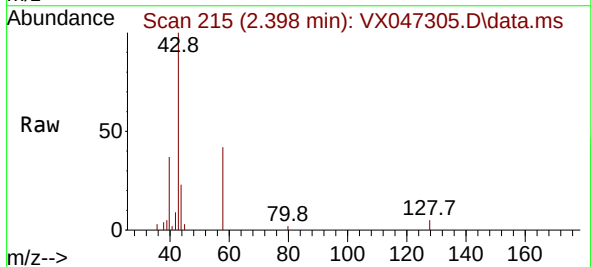
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-W

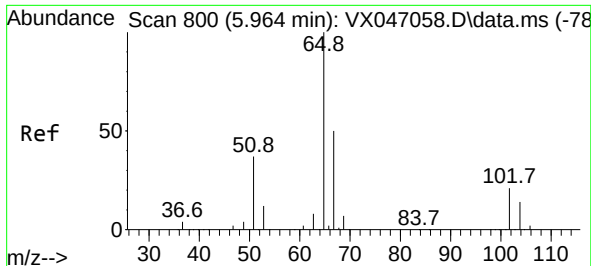
Tgt Ion:168 Resp: 226107
Ion Ratio Lower Upper
168 100
99 65.3 48.0 72.0



#16
Acetone
Concen: 6.028 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047305.D
Acq: 12 Aug 2025 18:11

Tgt Ion: 43 Resp: 6802
Ion Ratio Lower Upper
43 100
58 33.9 24.0 36.0

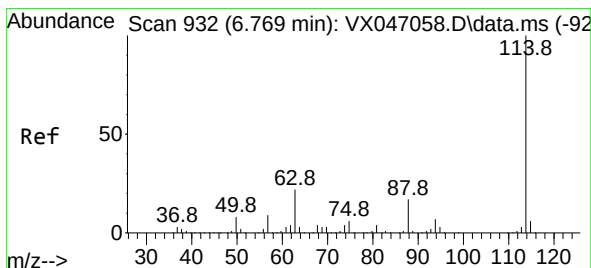
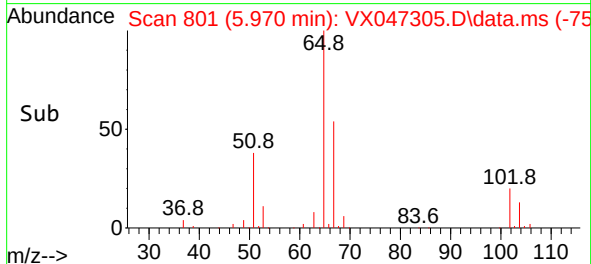
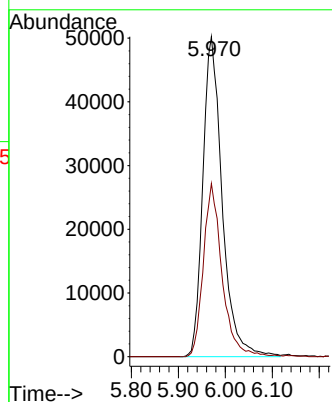
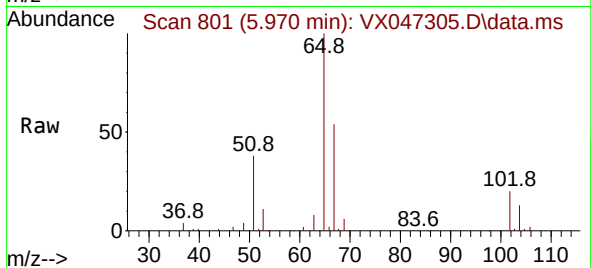




#33
 1,2-Dichloroethane-d4
 Concen: 50.860 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047305.D
 Acq: 12 Aug 2025 18:11

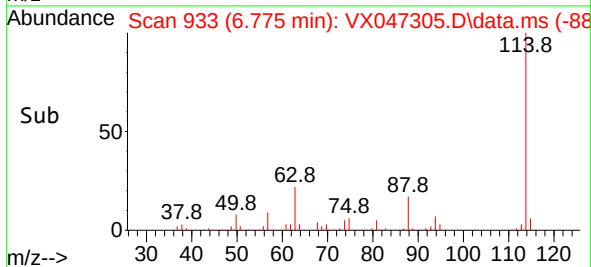
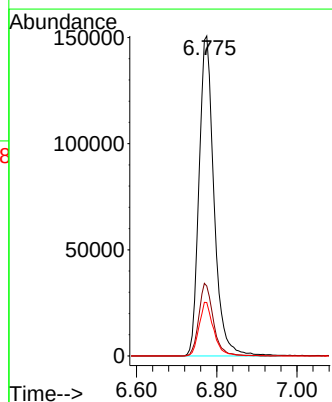
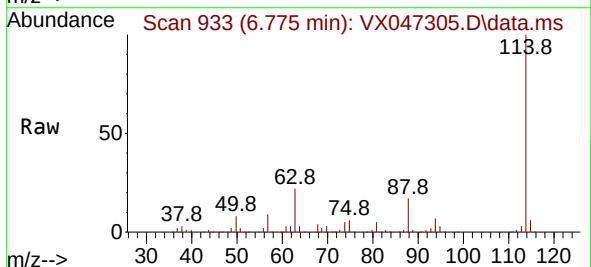
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-W

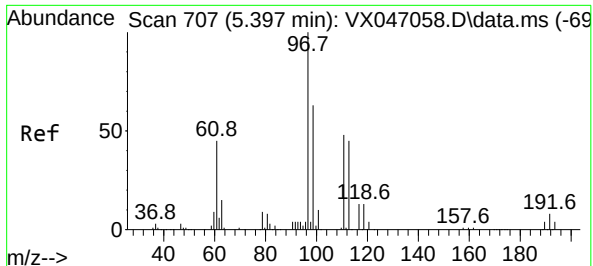
Tgt Ion: 65 Resp: 143251
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047305.D
 Acq: 12 Aug 2025 18:11

Tgt Ion: 114 Resp: 389996
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.088 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047305.D

Acq: 12 Aug 2025 18:11

Instrument :

MSVOA_X

ClientSampleId :

TW-BP-W

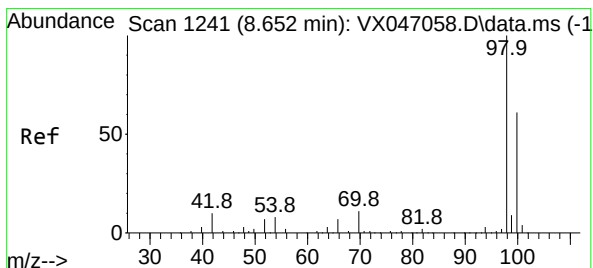
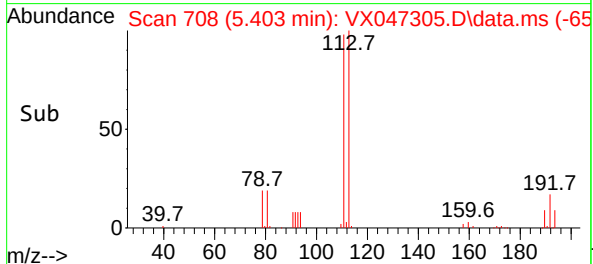
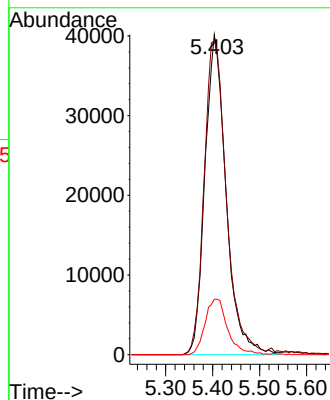
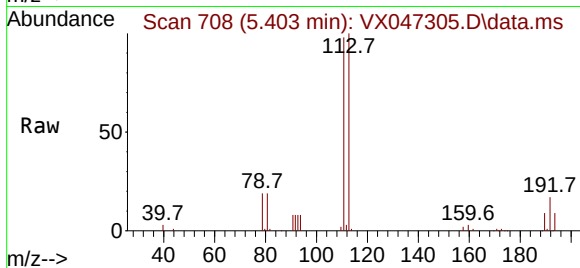
Tgt Ion:113 Resp: 125425

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.5 14.9 22.3



#50

Toluene-d8

Concen: 44.991 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047305.D

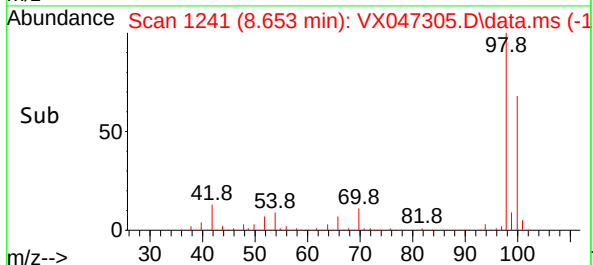
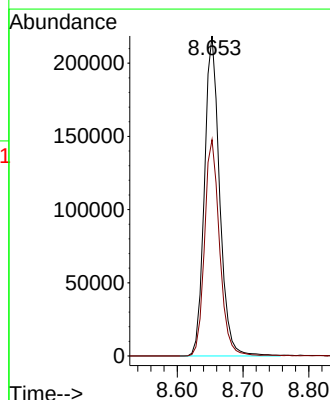
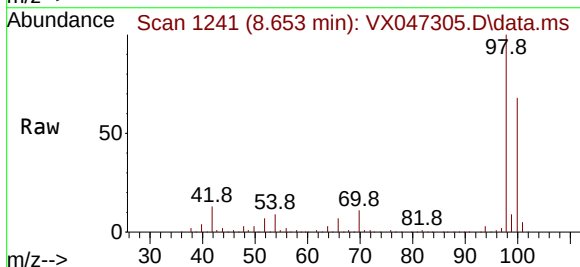
Acq: 12 Aug 2025 18:11

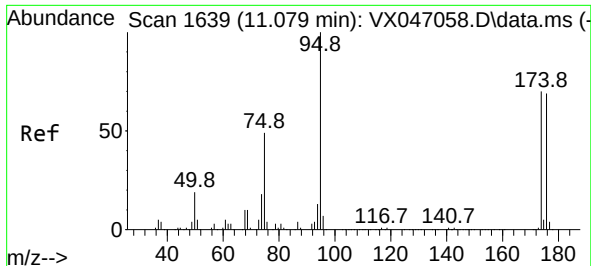
Tgt Ion: 98 Resp: 350845

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9

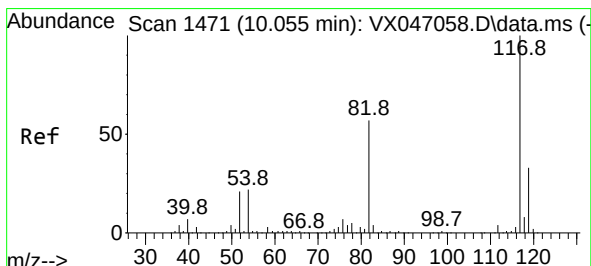
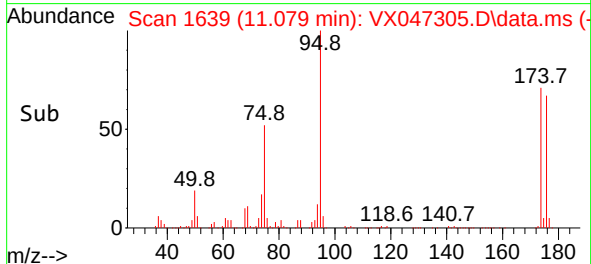
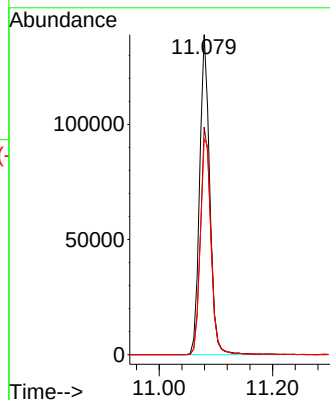
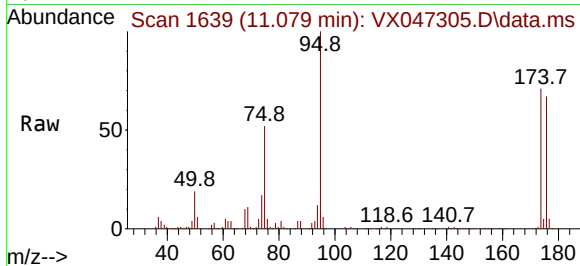




#62
4-Bromofluorobenzene
Concen: 50.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047305.D
Acq: 12 Aug 2025 18:11

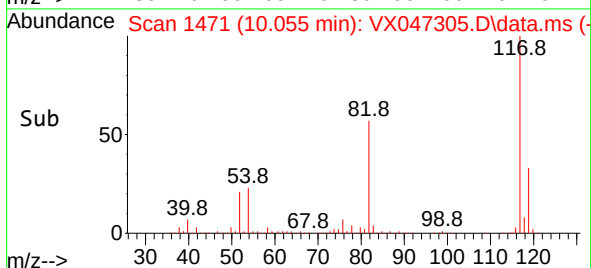
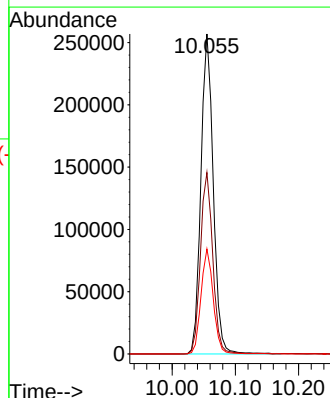
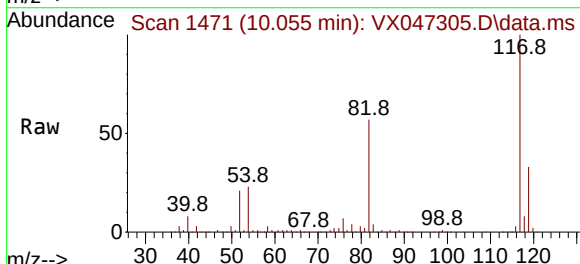
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-W

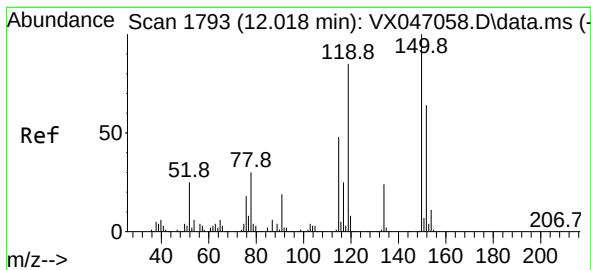
Tgt Ion: 95 Resp: 171221
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 71.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047305.D
Acq: 12 Aug 2025 18:11

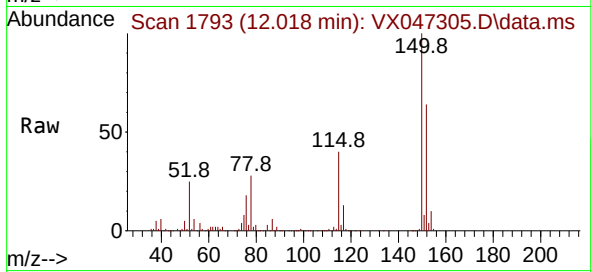
Tgt Ion: 117 Resp: 350131
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 32.8 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047305.D
 Acq: 12 Aug 2025 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-W



Tgt Ion:152 Resp: 180840
 Ion Ratio Lower Upper
 152 100
 115 61.5 45.6 136.7
 150 153.8 0.0 354.6

