

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047317.D
 Acq On : 13 Aug 2025 13:18
 Operator : JC/MD
 Sample : Q2814-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-SRE

Quant Time: Aug 14 03:28:02 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)

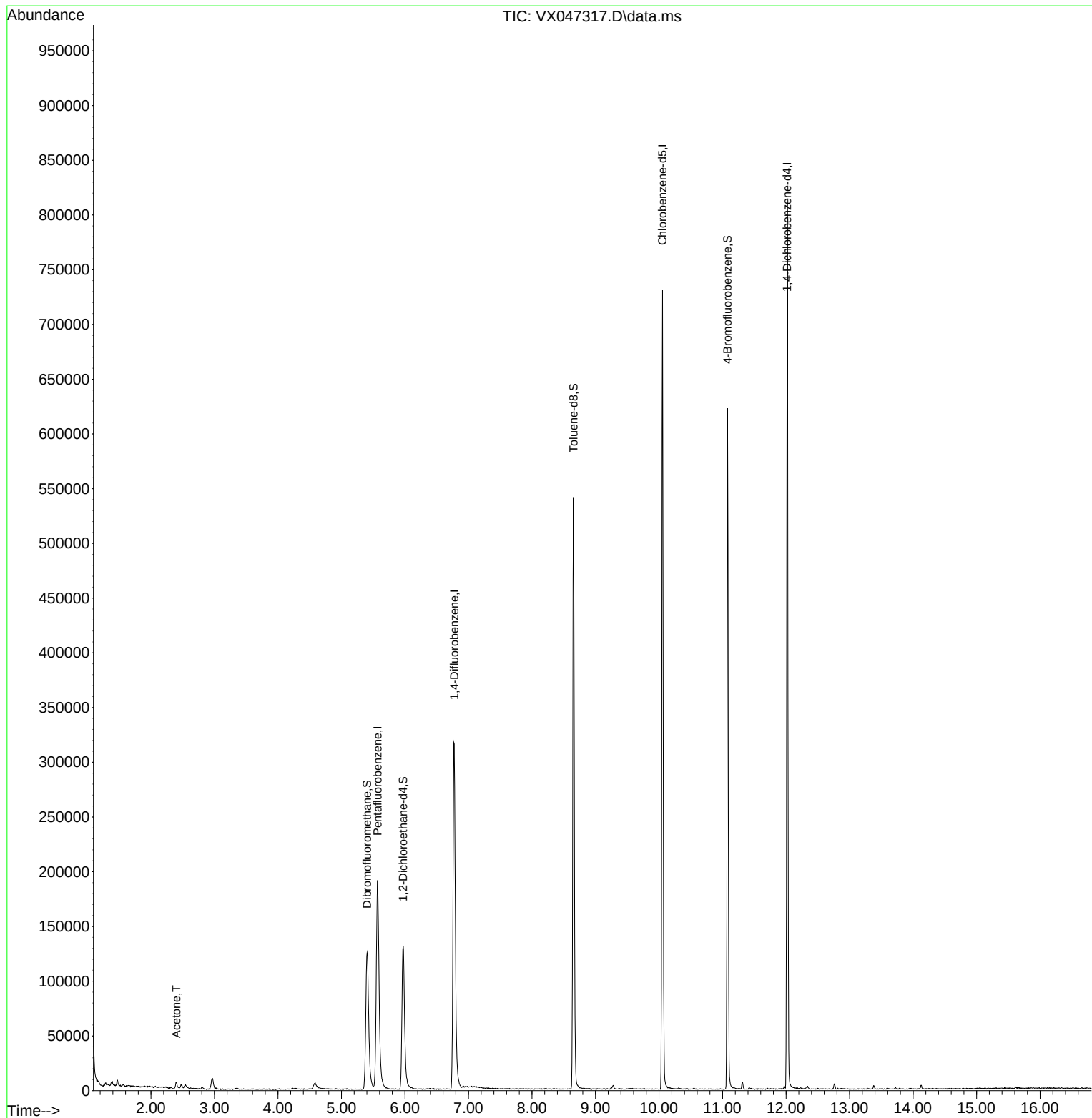
Internal Standards						
1) Pentafluorobenzene	5.568	168	190085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	345739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	164920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	141472	59.747	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	119.500%	#
35) Dibromofluoromethane	5.404	113	122206	57.247	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	114.500%	
50) Toluene-d8	8.653	98	331608	47.967	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.940%	
62) 4-Bromofluorobenzene	11.079	95	165199	55.451	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	110.900%	
Target Compounds						
16) Acetone	2.398	43	8598	9.064	ug/l	Qvalue 93

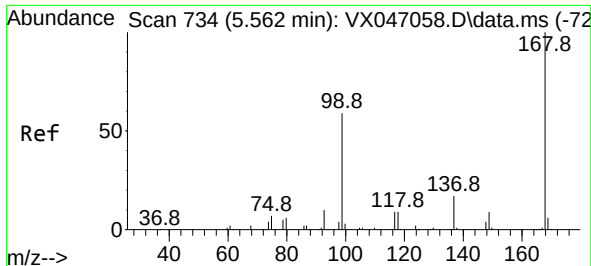
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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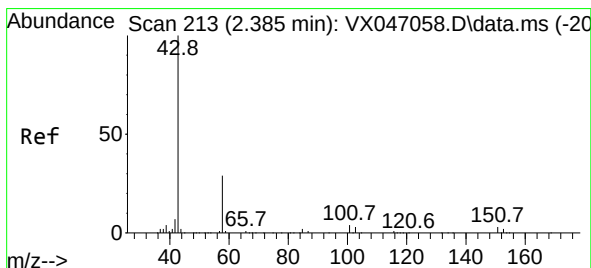
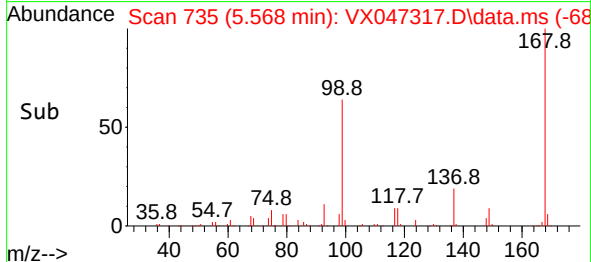
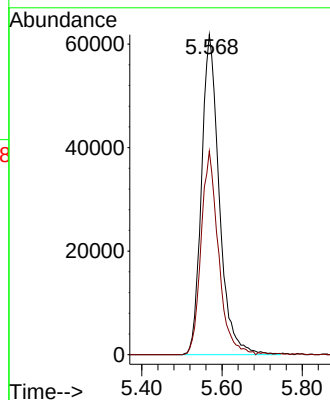
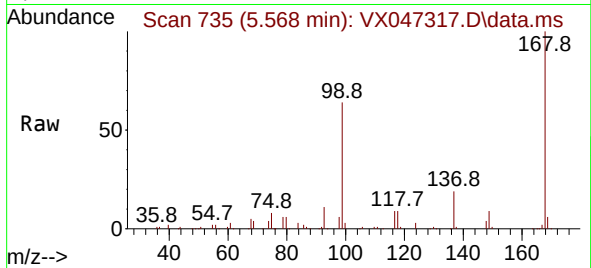




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047317.D
Acq: 13 Aug 2025 13:18

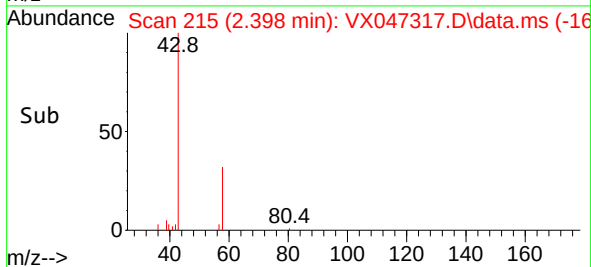
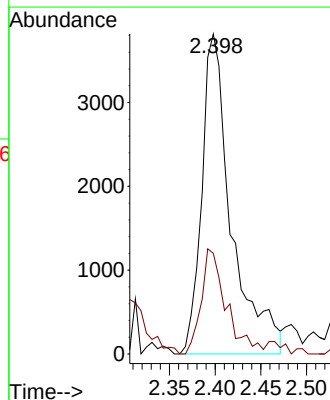
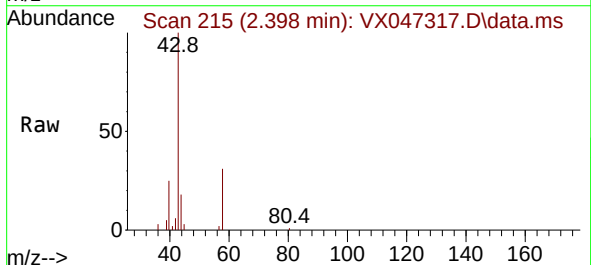
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-SRE

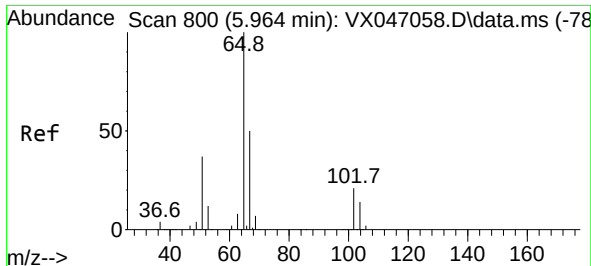
Tgt Ion:168 Resp: 190085
Ion Ratio Lower Upper
168 100
99 63.6 48.0 72.0



#16
Acetone
Concen: 9.064 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047317.D
Acq: 13 Aug 2025 13:18

Tgt Ion: 43 Resp: 8598
Ion Ratio Lower Upper
43 100
58 33.9 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 59.747 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX047317.D

Acq: 13 Aug 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

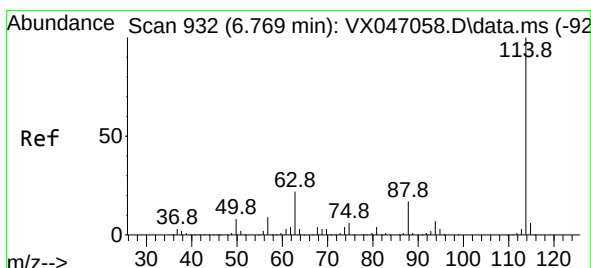
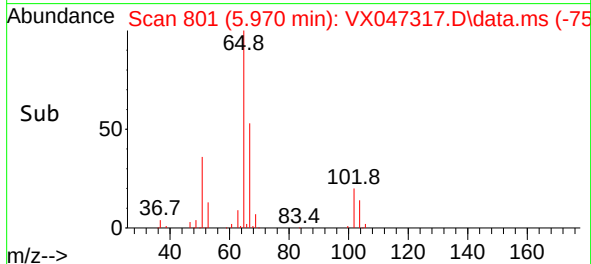
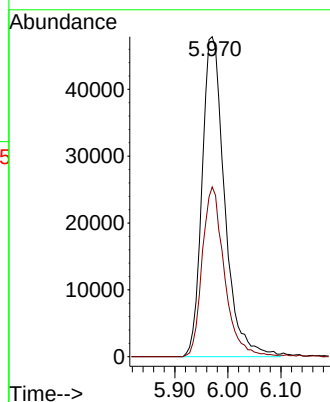
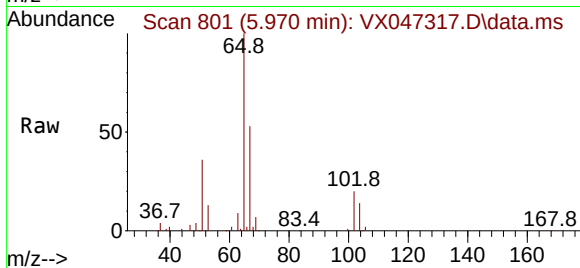
TW-82H-SRE

Tgt Ion: 65 Resp: 141472

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.007 min

Lab File: VX047317.D

Acq: 13 Aug 2025 13:18

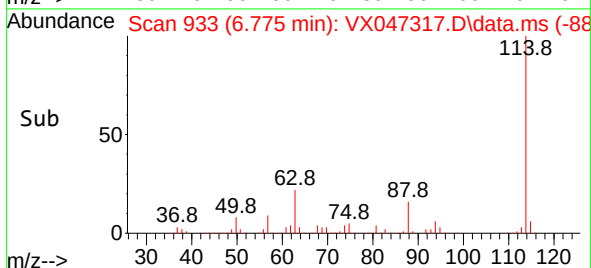
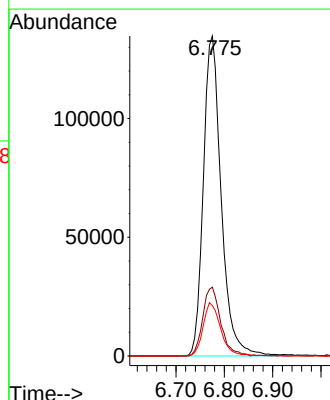
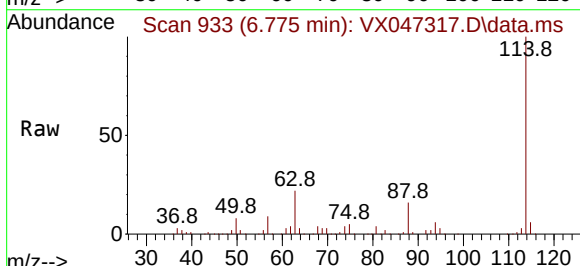
Tgt Ion: 114 Resp: 345739

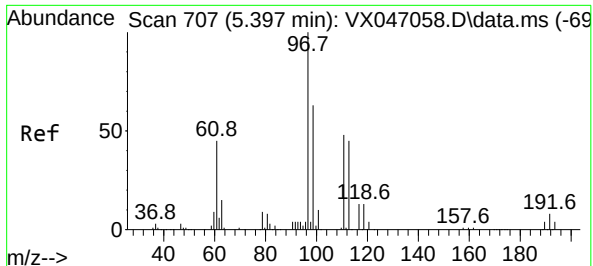
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.7 0.0 33.8

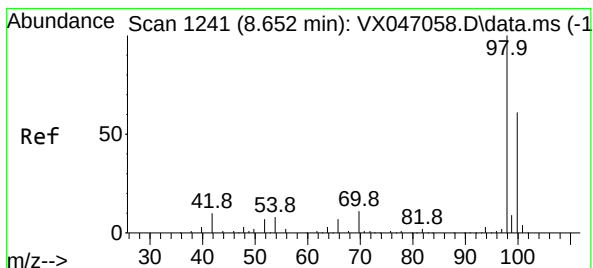
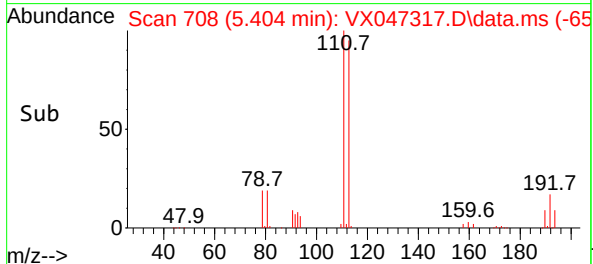
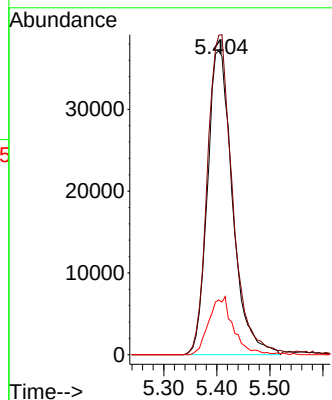
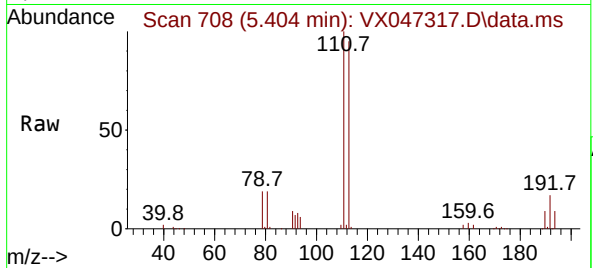




#35
Dibromofluoromethane
Concen: 57.247 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX047317.D
Acq: 13 Aug 2025 13:18

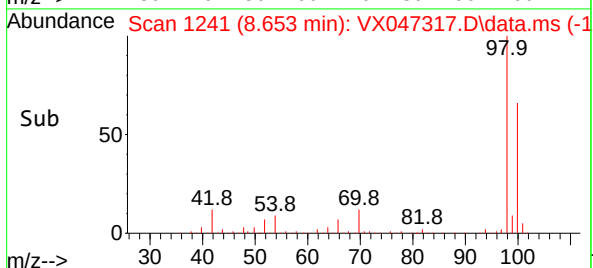
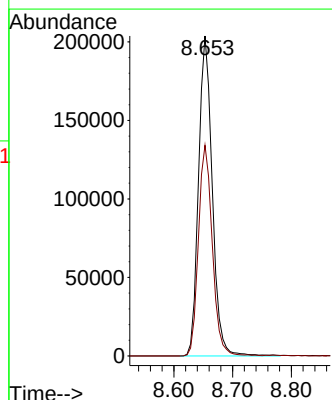
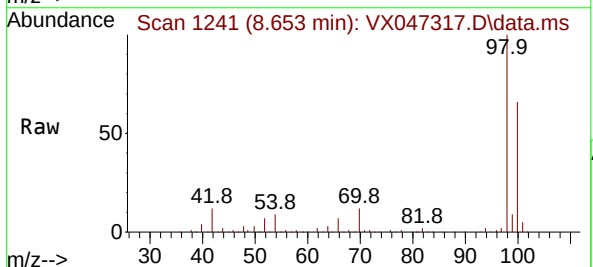
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-SRE

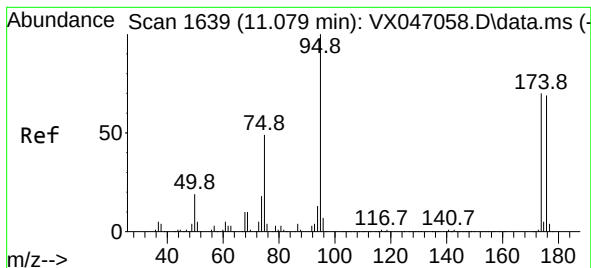
Tgt Ion:113 Resp: 122206
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 18.5 14.9 22.3



#50
Toluene-d8
Concen: 47.967 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047317.D
Acq: 13 Aug 2025 13:18

Tgt Ion: 98 Resp: 331608
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9

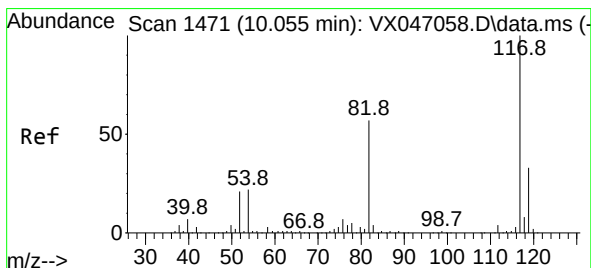
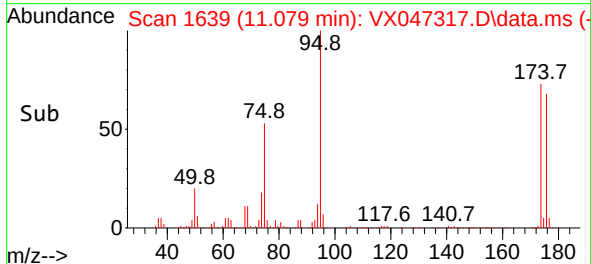
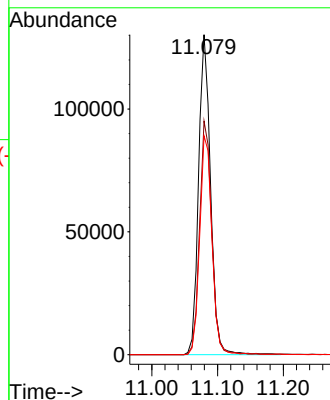
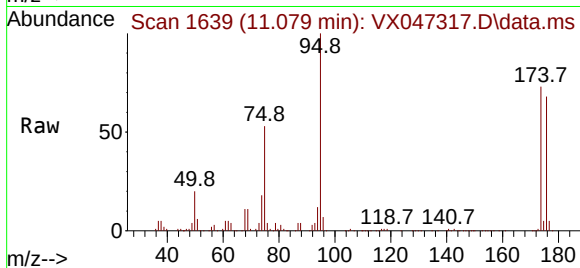




#62
4-Bromofluorobenzene
Concen: 55.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047317.D
Acq: 13 Aug 2025 13:18

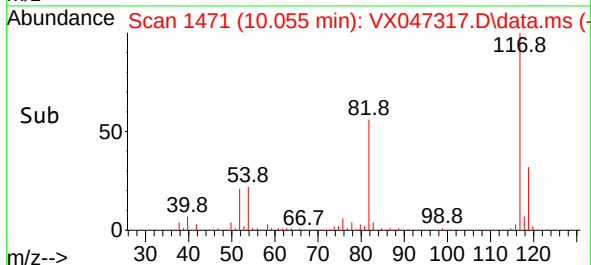
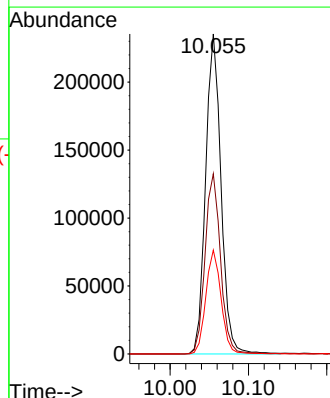
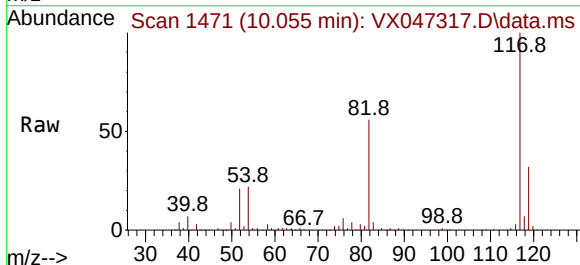
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-SRE

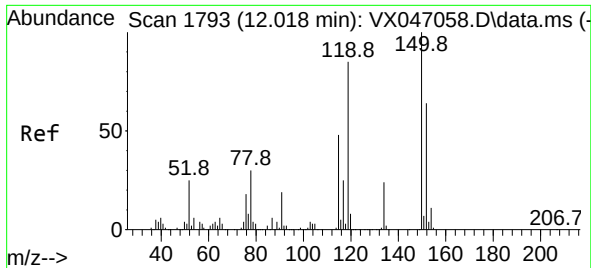
Tgt Ion: 95 Resp: 165199
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.6
176 70.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047317.D
Acq: 13 Aug 2025 13:18

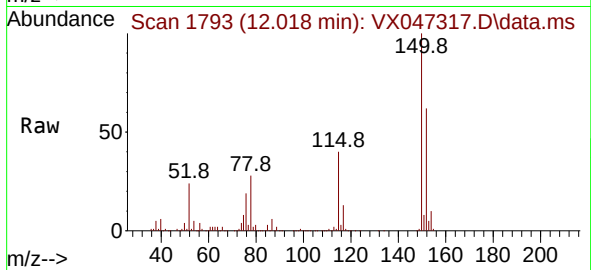
Tgt Ion: 117 Resp: 321042
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047317.D
 Acq: 13 Aug 2025 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-SRE



Tgt Ion:152 Resp: 164920
 Ion Ratio Lower Upper
 152 100
 115 61.5 45.6 136.7
 150 155.8 0.0 354.6

