

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047498.D
 Acq On : 22 Aug 2025 15:22
 Operator : JC/MD
 Sample : Q2934-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW01

Quant Time: Aug 25 01:29:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

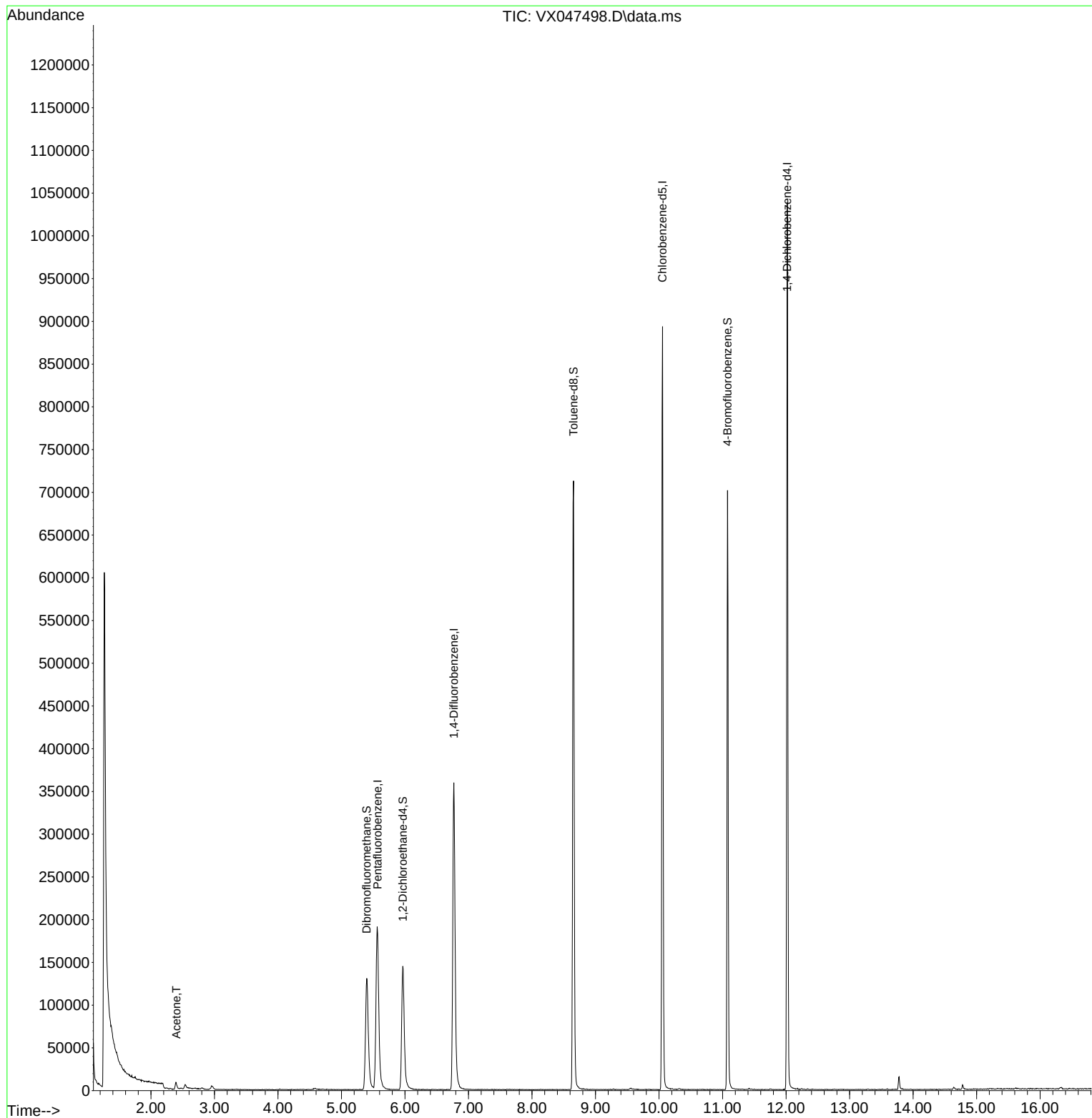
Internal Standards						
1) Pentafluorobenzene	5.568	168	190163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	388667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	208234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153384	57.633	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	115.260%	
35) Dibromofluoromethane	5.397	113	125772	49.860	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.720%	
50) Toluene-d8	8.653	98	442632	49.094	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.180%	
62) 4-Bromofluorobenzene	11.079	95	189548	56.971	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	113.940%	
Target Compounds						
16) Acetone	2.398	43	11053	11.049	ug/l	Qvalue # 87

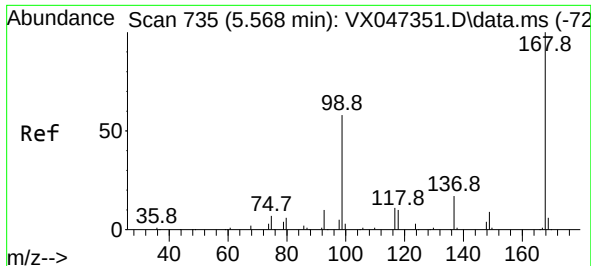
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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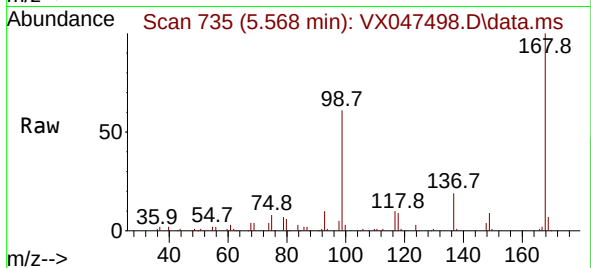
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047498.D
Acq: 22 Aug 2025 15:22

Instrument :

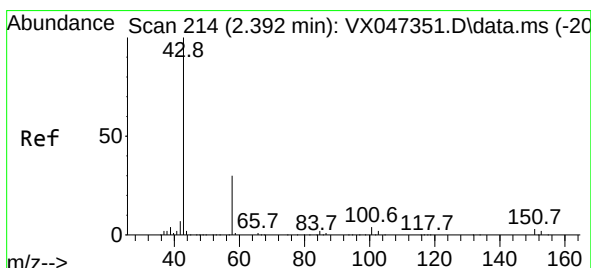
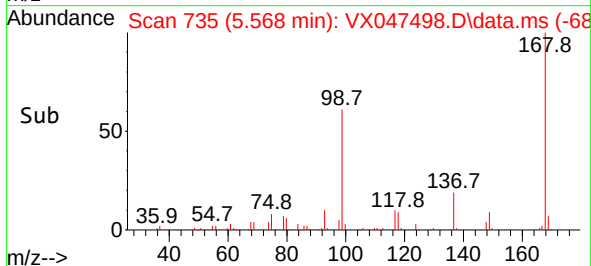
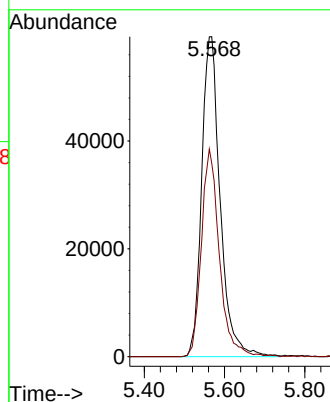
MSVOA_X

ClientSampleId :

ENV-SW01

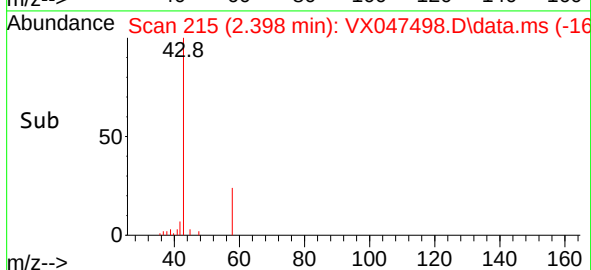
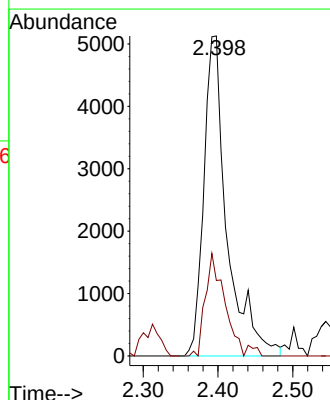
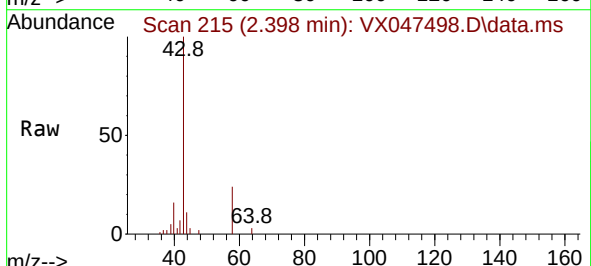


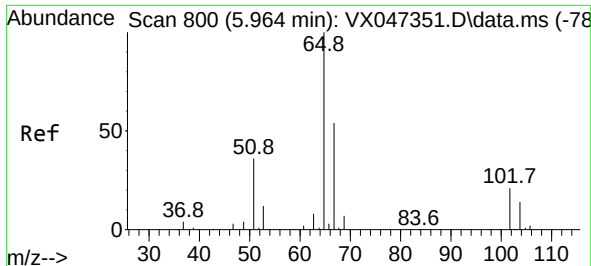
Tgt Ion:168 Resp: 190163
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 11.049 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047498.D
Acq: 22 Aug 2025 15:22

Tgt Ion: 43 Resp: 11053
Ion Ratio Lower Upper
43 100
58 23.6 24.8 37.2#

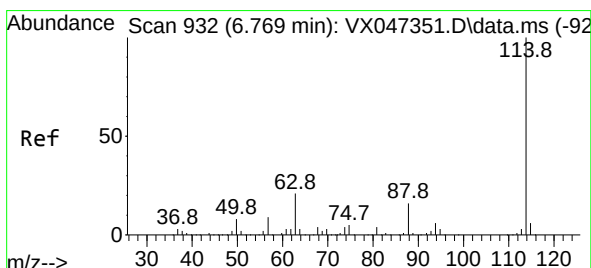
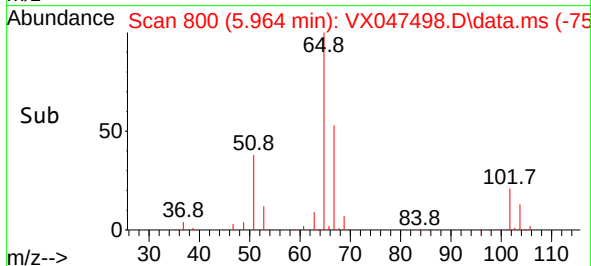
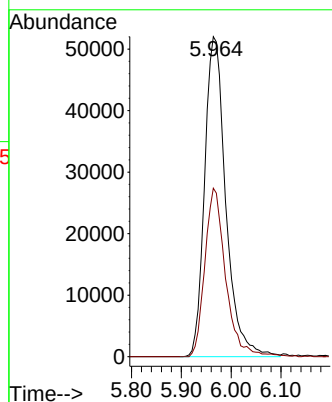
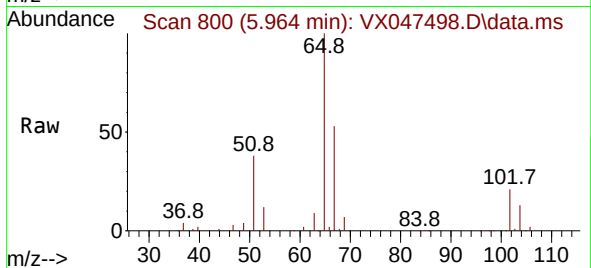




#33
 1,2-Dichloroethane-d4
 Concen: 57.633 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047498.D
 Acq: 22 Aug 2025 15:22

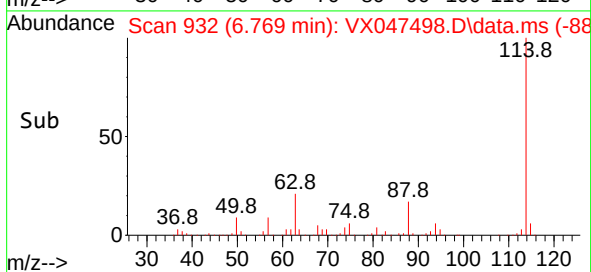
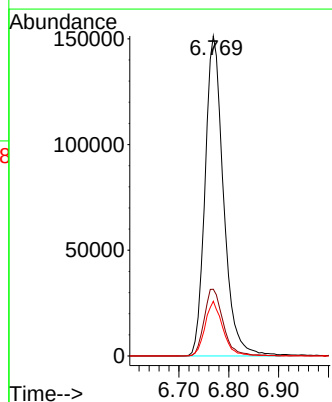
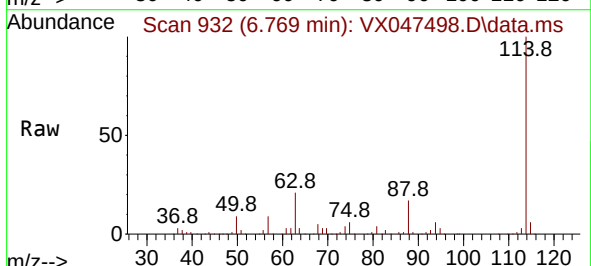
Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW01

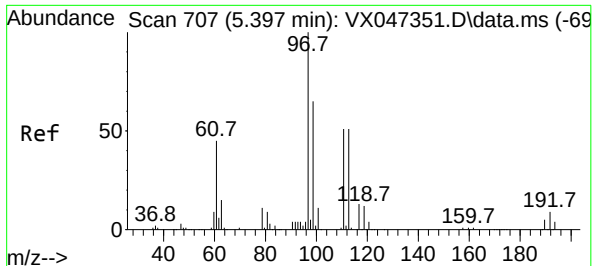
Tgt Ion: 65 Resp: 153384
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047498.D
 Acq: 22 Aug 2025 15:22

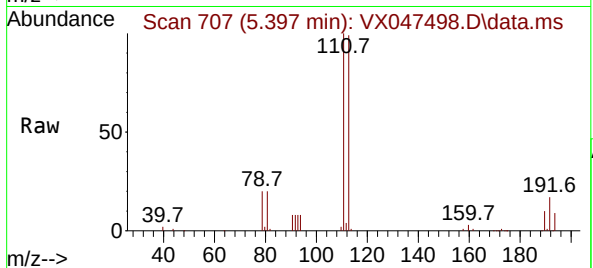
Tgt Ion: 114 Resp: 388667
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 42.4
 88 17.1 0.0 33.0



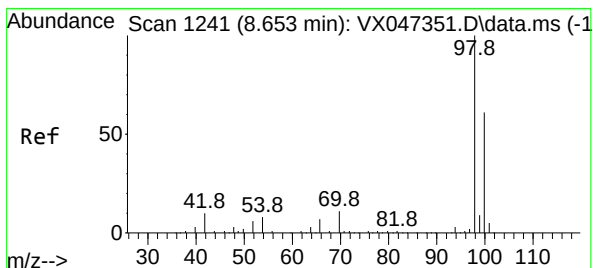
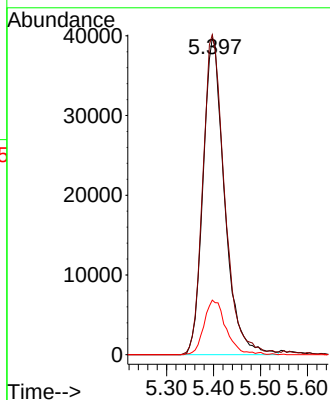
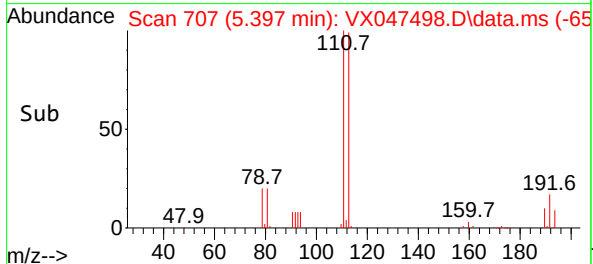


#35
Dibromofluoromethane
Concen: 49.860 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047498.D
Acq: 22 Aug 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
ENV-SW01

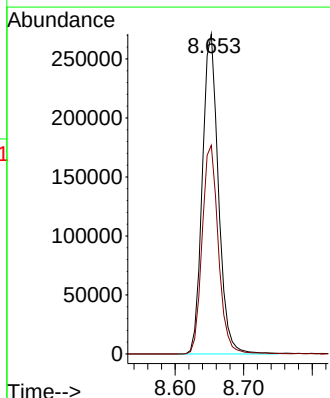
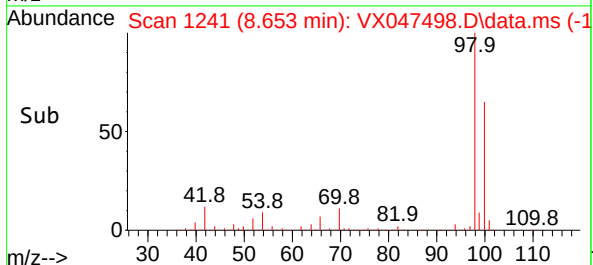
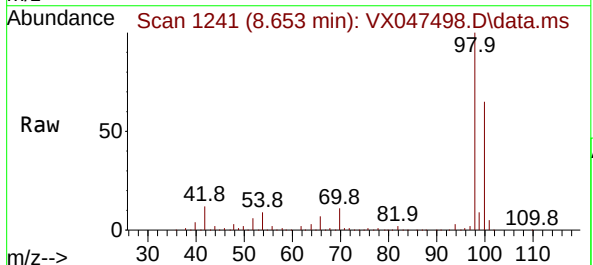


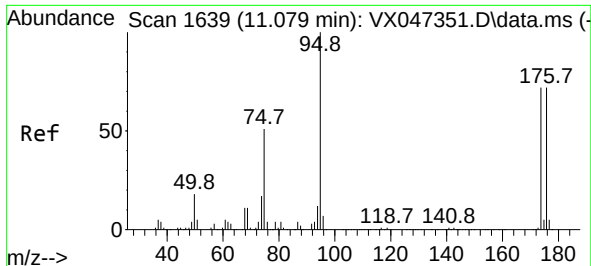
Tgt Ion:113 Resp: 125772
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.7 14.1 21.1



#50
Toluene-d8
Concen: 49.094 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047498.D
Acq: 22 Aug 2025 15:22

Tgt Ion: 98 Resp: 442632
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9

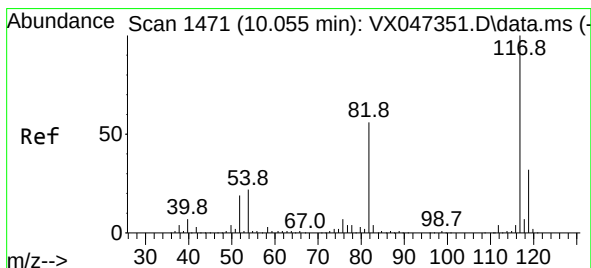
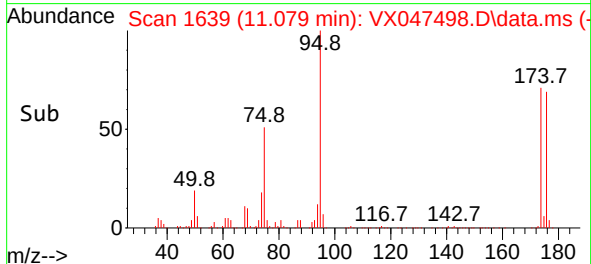
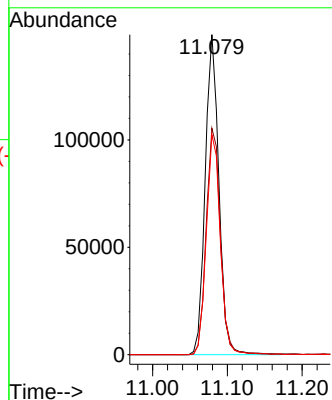
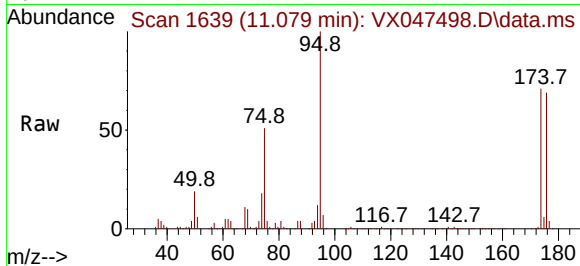




#62
4-Bromofluorobenzene
Concen: 56.971 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047498.D
Acq: 22 Aug 2025 15:22

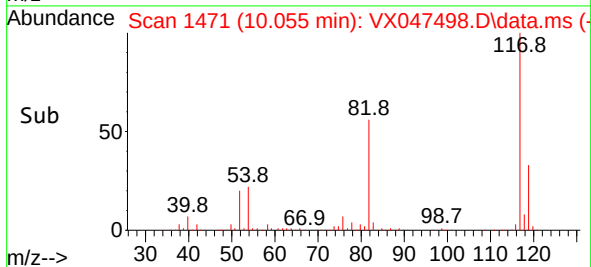
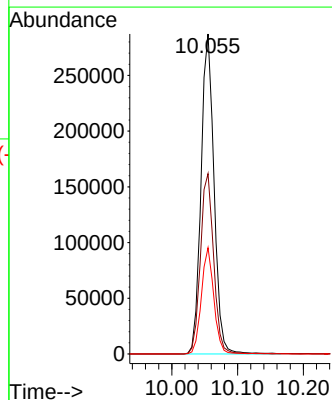
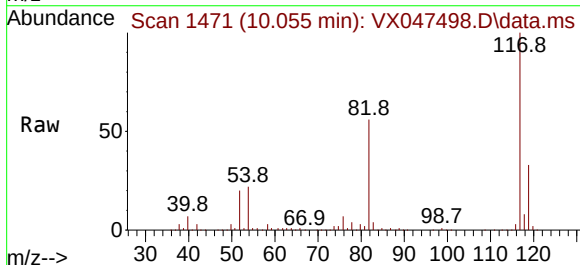
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW01

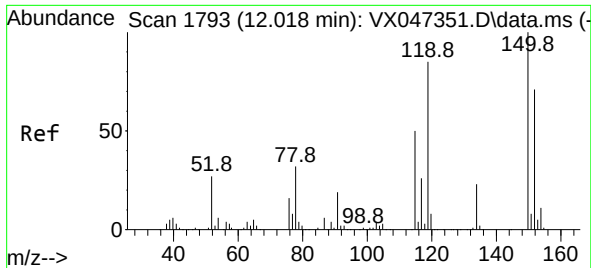
Tgt Ion: 95 Resp: 189548
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 70.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047498.D
Acq: 22 Aug 2025 15:22

Tgt Ion: 117 Resp: 394548
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 33.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047498.D

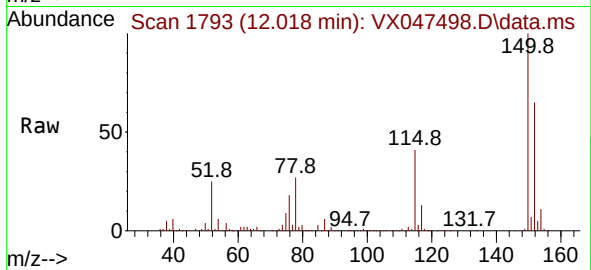
Acq: 22 Aug 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

ENV-SW01



Tgt Ion:152 Resp: 208234

Ion Ratio Lower Upper

152 100

115 61.8 44.6 133.8

150 156.1 0.0 349.8

