

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047501.D
 Acq On : 22 Aug 2025 16:25
 Operator : JC/MD
 Sample : Q2934-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW04

Quant Time: Aug 25 01:30:23 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)

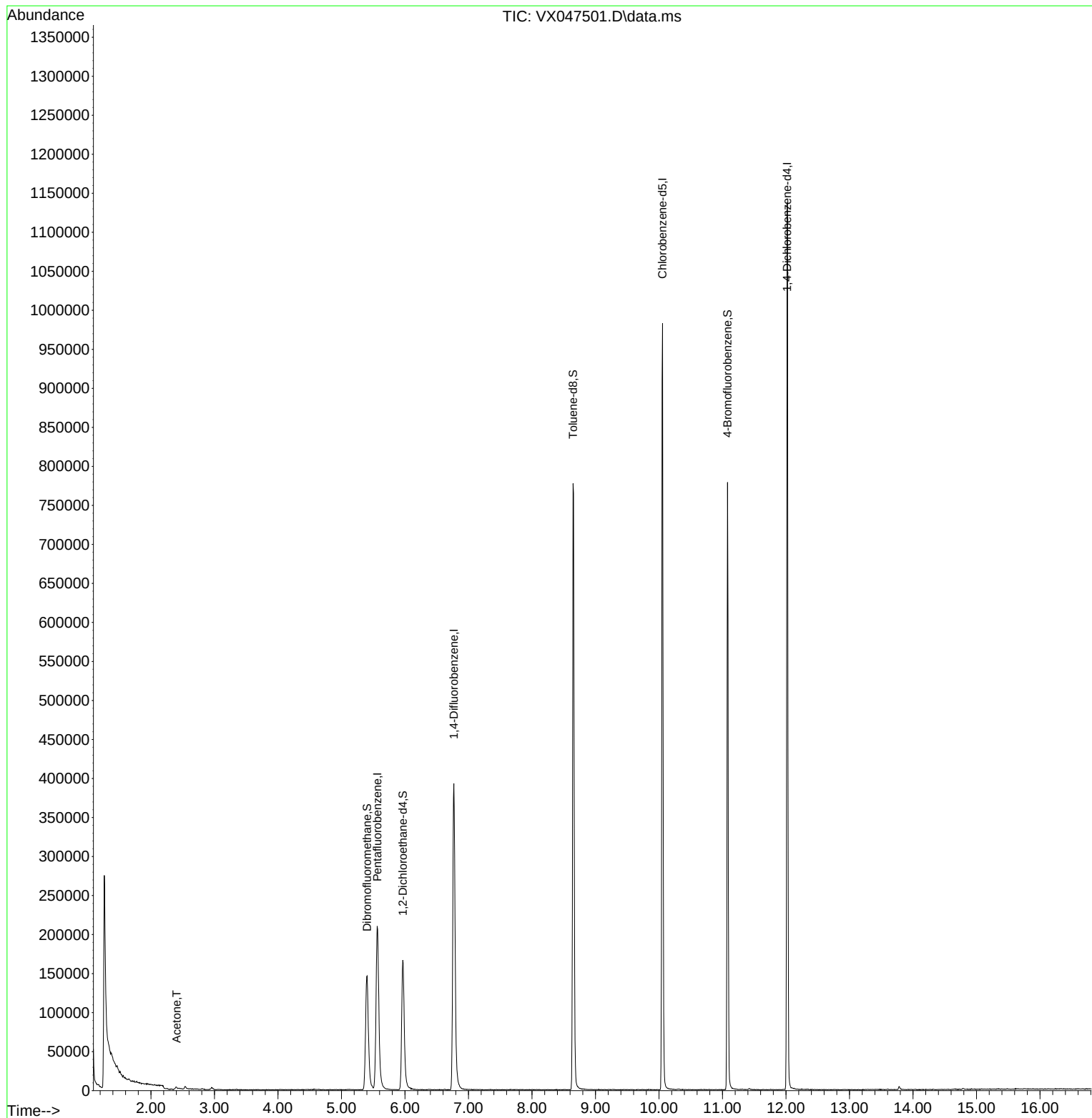
Internal Standards						
1) Pentafluorobenzene	5.562	168	210244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	427078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	223730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176033	59.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.660%#	
35) Dibromofluoromethane	5.404	113	140331	50.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.647	98	479623	48.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.820%	
62) 4-Bromofluorobenzene	11.079	95	206045	56.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.720%	
Target Compounds						
16) Acetone	2.404	43	4467	4.039	ug/l	Qvalue 89

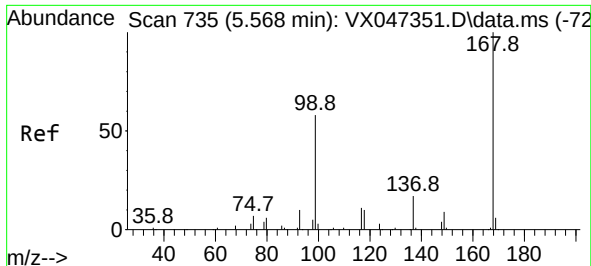
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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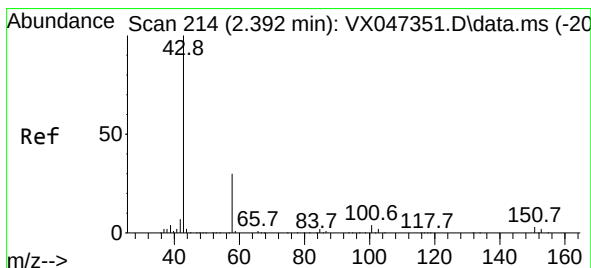
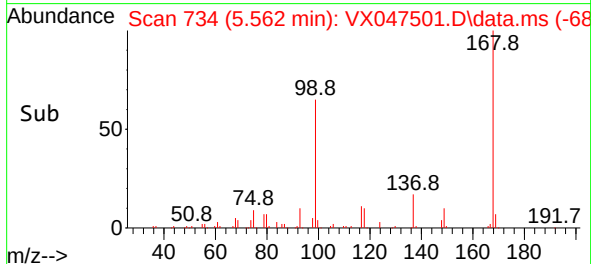
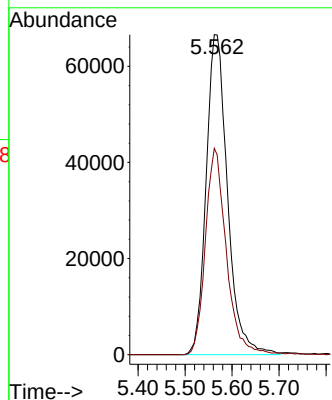
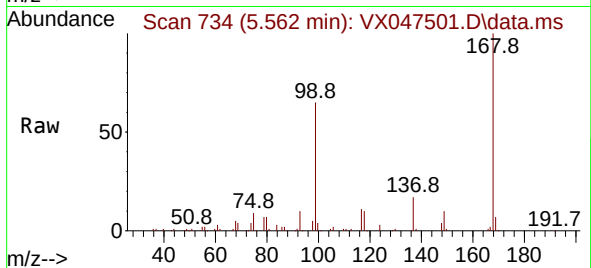




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047501.D
Acq: 22 Aug 2025 16:25

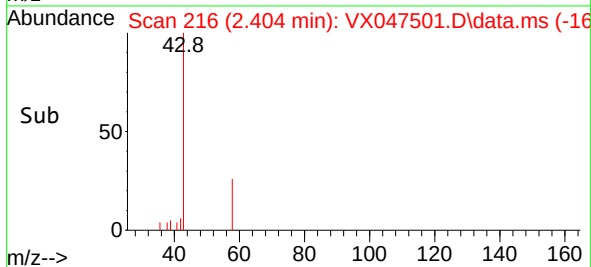
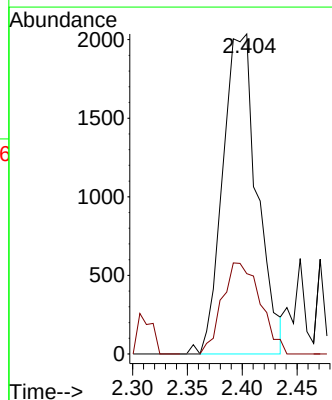
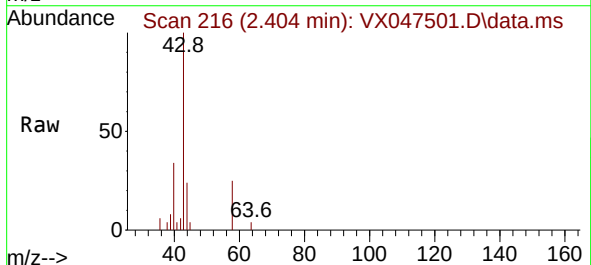
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW04

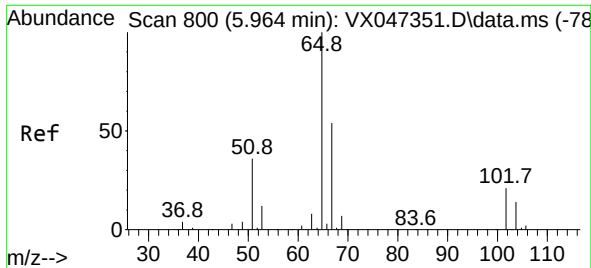
Tgt Ion:168 Resp: 210244
Ion Ratio Lower Upper
168 100
99 64.5 47.9 71.9



#16
Acetone
Concen: 4.039 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX047501.D
Acq: 22 Aug 2025 16:25

Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
58 25.1 24.8 37.2

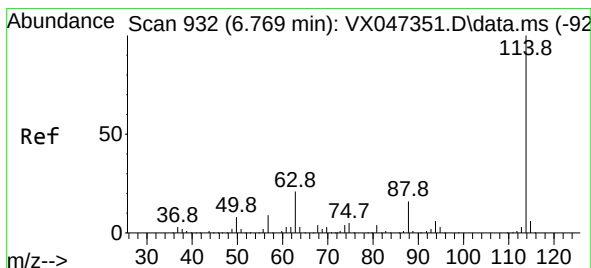
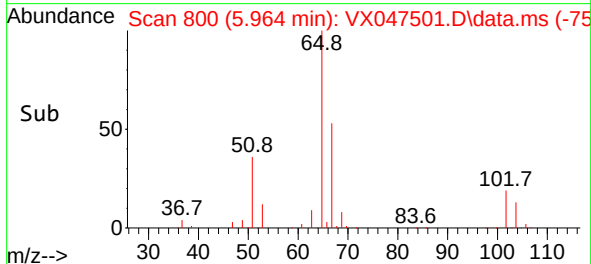
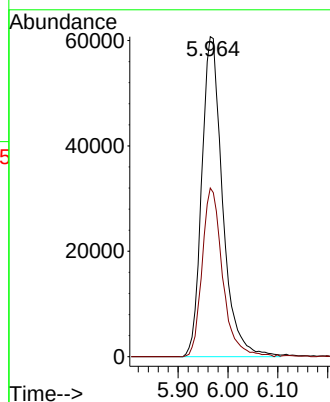
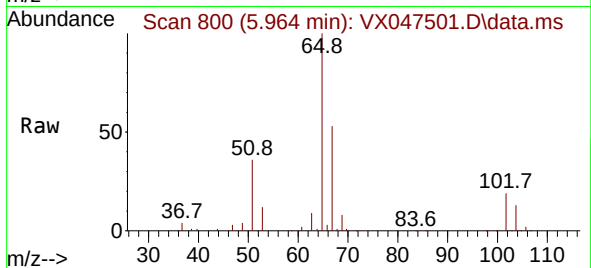




#33
 1,2-Dichloroethane-d4
 Concen: 59.826 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047501.D
 Acq: 22 Aug 2025 16:25

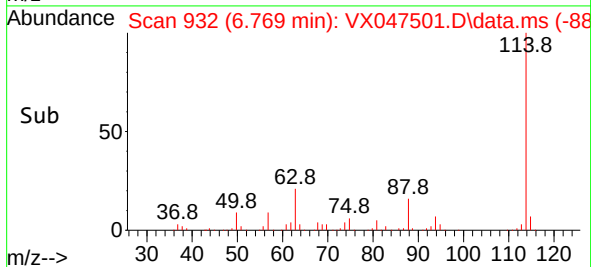
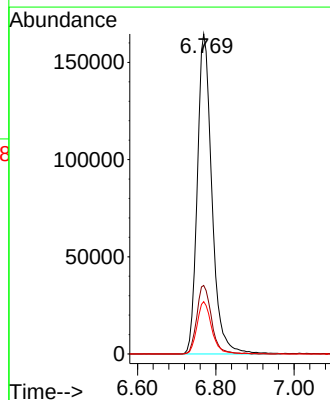
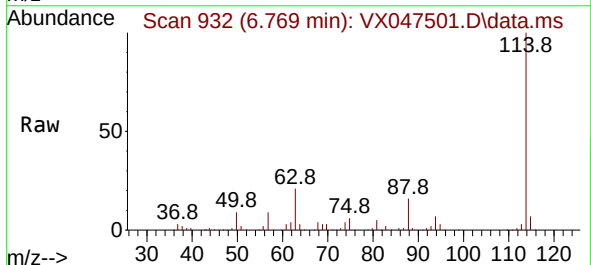
Instrument :
 MSVOA_X
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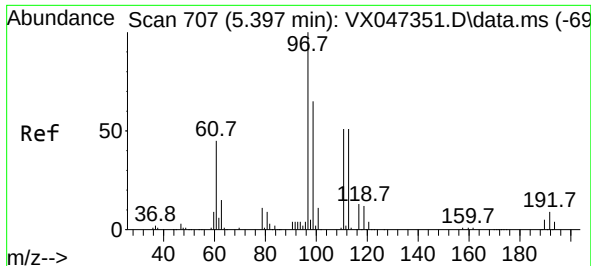
Tgt Ion: 65 Resp: 176033
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047501.D
 Acq: 22 Aug 2025 16:25

Tgt Ion: 114 Resp: 427078
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 16.3 0.0 33.0

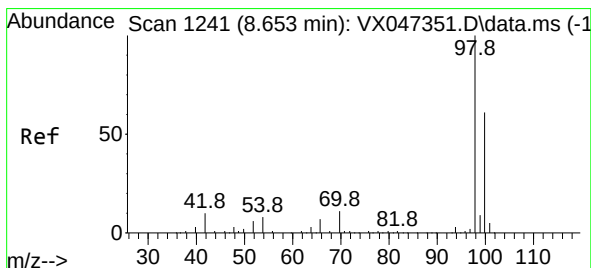
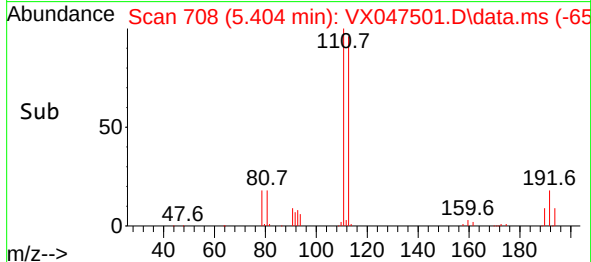
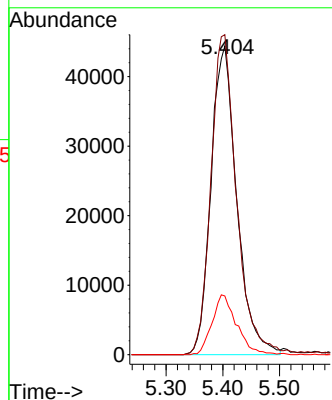
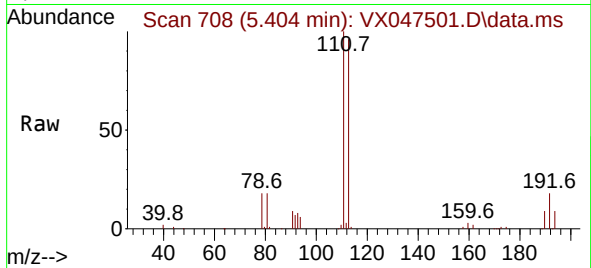




#35
Dibromofluoromethane
Concen: 50.629 ug/l
RT: 5.404 min Scan# 70
Delta R.T. 0.006 min
Lab File: VX047501.D
Acq: 22 Aug 2025 16:25

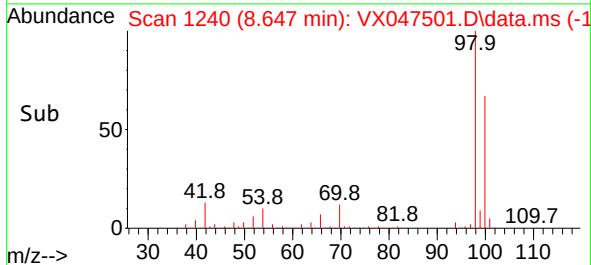
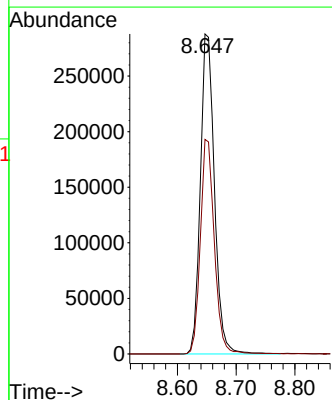
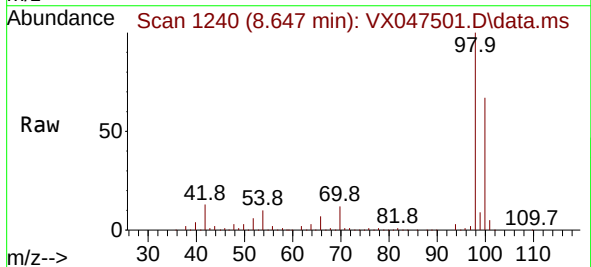
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW04

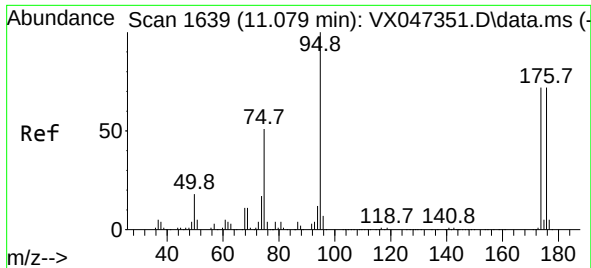
Tgt Ion:113 Resp: 140331
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 18.4 14.1 21.1



#50
Toluene-d8
Concen: 48.412 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047501.D
Acq: 22 Aug 2025 16:25

Tgt Ion: 98 Resp: 479623
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9

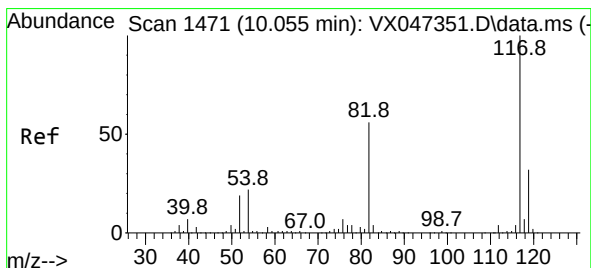
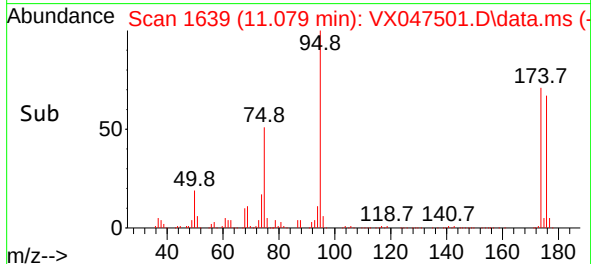
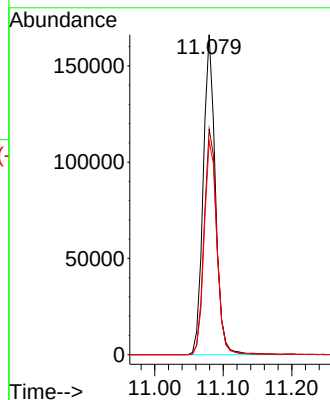
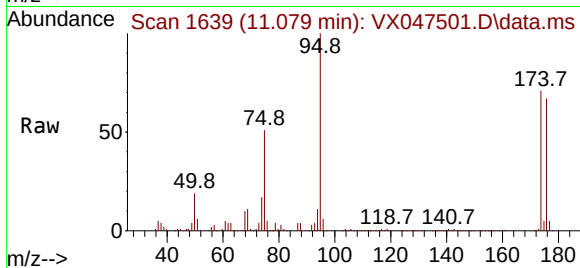




#62
4-Bromofluorobenzene
Concen: 56.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047501.D
Acq: 22 Aug 2025 16:25

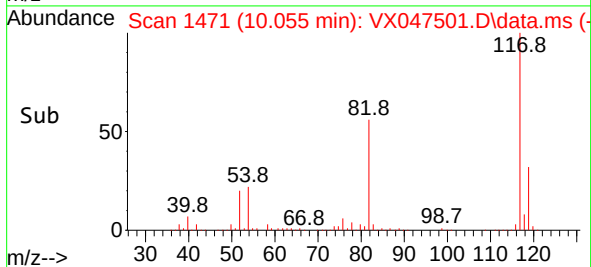
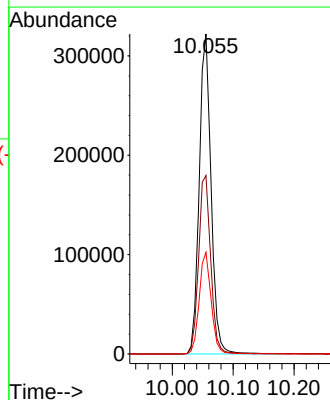
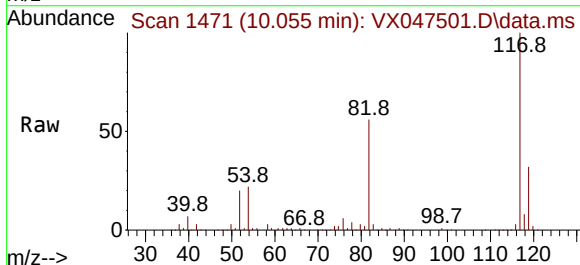
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW04

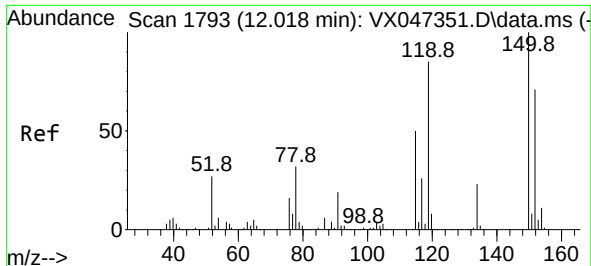
Tgt Ion: 95 Resp: 206045
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 69.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047501.D
Acq: 22 Aug 2025 16:25

Tgt Ion: 117 Resp: 435148
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.7 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: VX047501.D

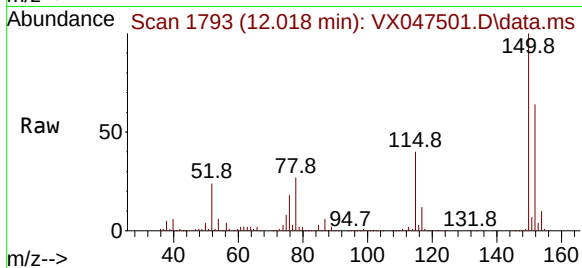
Acq: 22 Aug 2025 16:25

Instrument :

MSVOA_X

ClientSampleId :

ENV-SW04



Tgt Ion:152 Resp: 223730

Ion Ratio Lower Upper

152 100

115 62.0 44.6 133.8

150 156.2 0.0 349.8

