

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047500.D
 Acq On : 22 Aug 2025 16:04
 Operator : JC/MD
 Sample : Q2934-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW03

Quant Time: Aug 25 01:30:03 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)

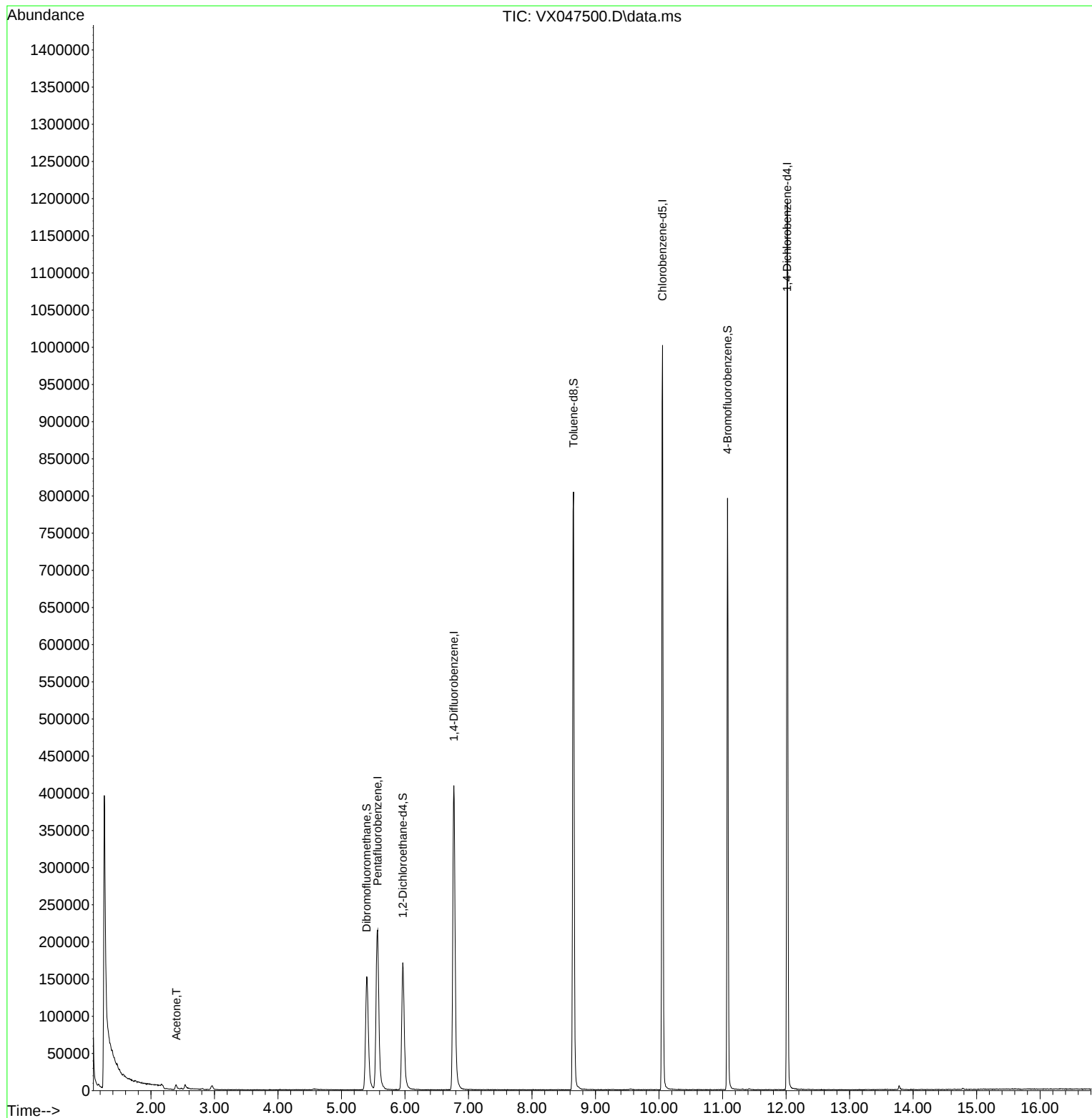
Internal Standards						
1) Pentafluorobenzene	5.568	168	218472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	445802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	239933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176045	57.577	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.160%
35) Dibromofluoromethane	5.397	113	145438	50.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	8.653	98	502930	48.633	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	212526	55.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.380%
Target Compounds						
16) Acetone	2.398	43	8731	7.597	ug/l	Qvalue 98

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

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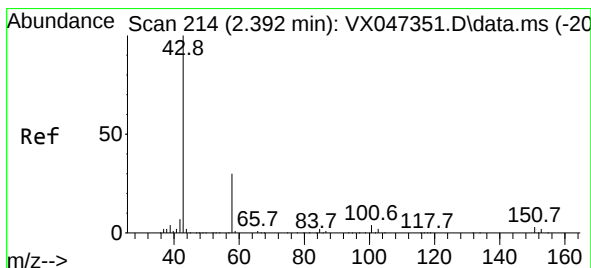
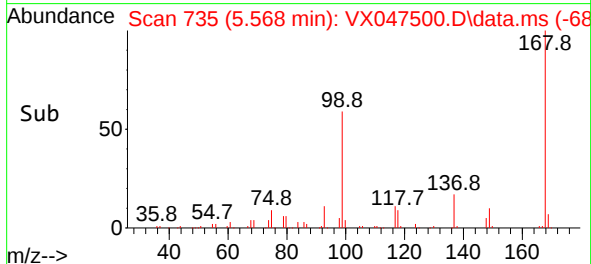
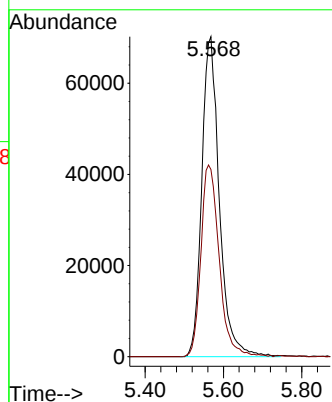
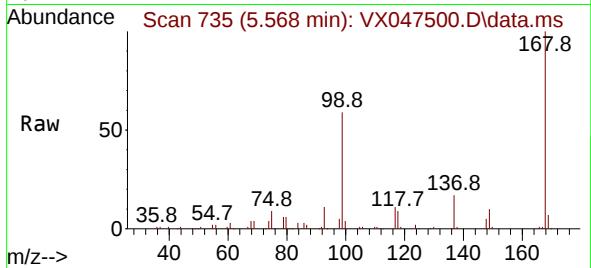




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047500.D
Acq: 22 Aug 2025 16:04

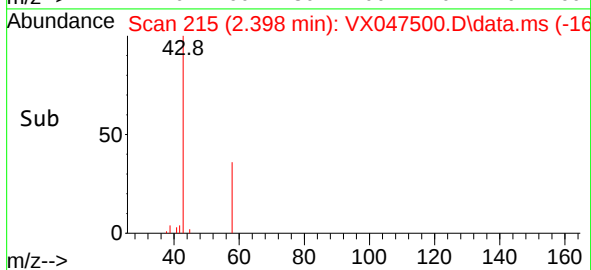
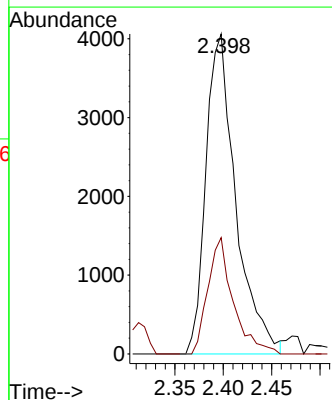
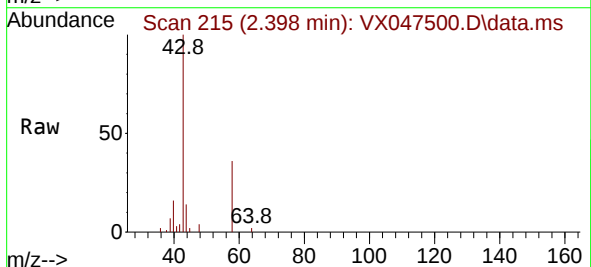
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW03

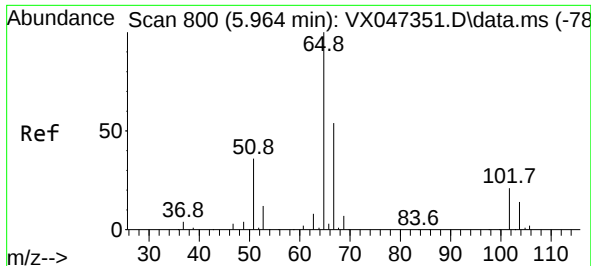
Tgt Ion:168 Resp: 218472
Ion Ratio Lower Upper
168 100
99 58.5 47.9 71.9



#16
Acetone
Concen: 7.597 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047500.D
Acq: 22 Aug 2025 16:04

Tgt Ion: 43 Resp: 8731
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 57.577 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047500.D

Acq: 22 Aug 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

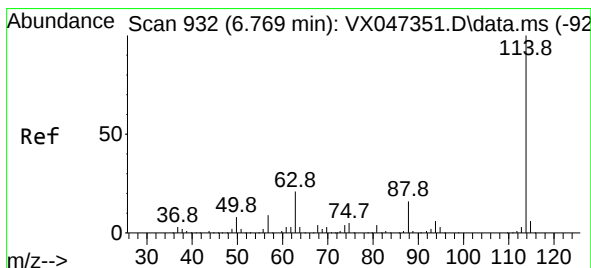
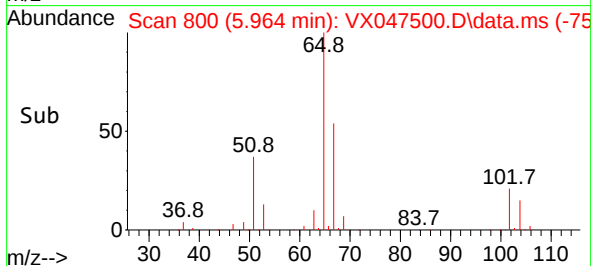
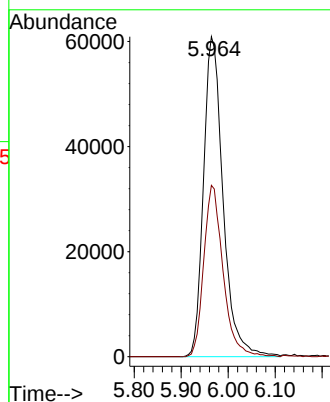
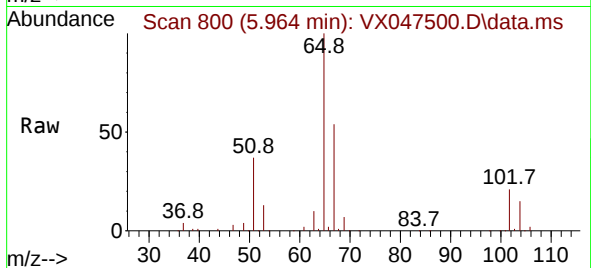
ENV-SW03

Tgt Ion: 65 Resp: 176045

Ion Ratio Lower Upper

65 100

67 52.9 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: VX047500.D

Acq: 22 Aug 2025 16:04

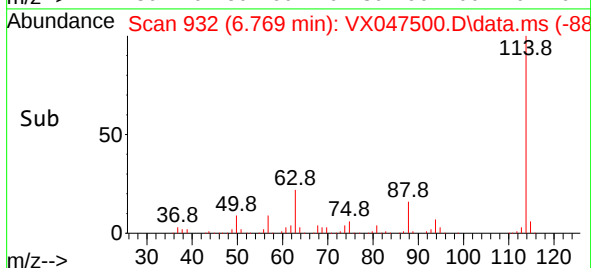
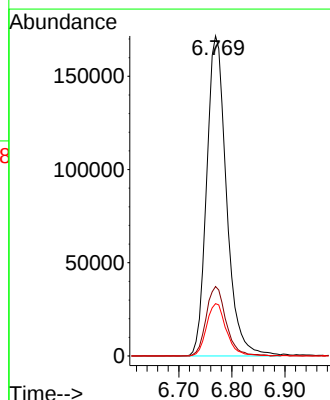
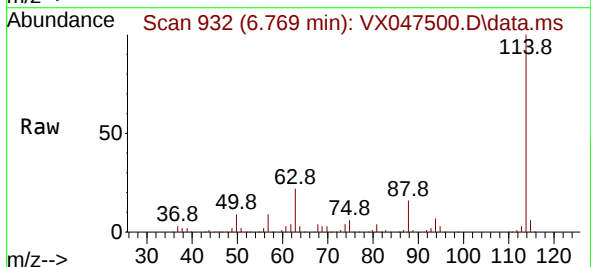
Tgt Ion: 114 Resp: 445802

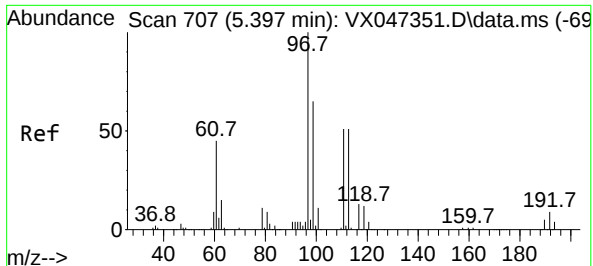
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 16.4 0.0 33.0

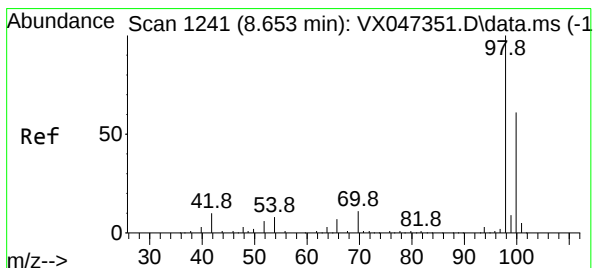
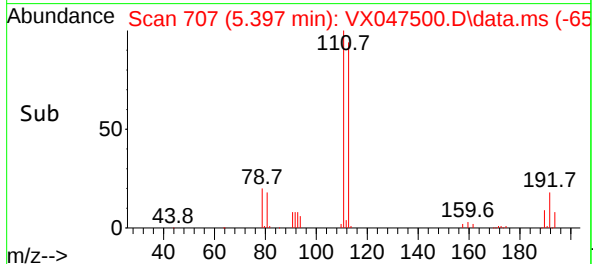
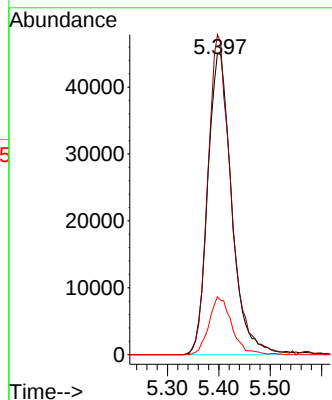
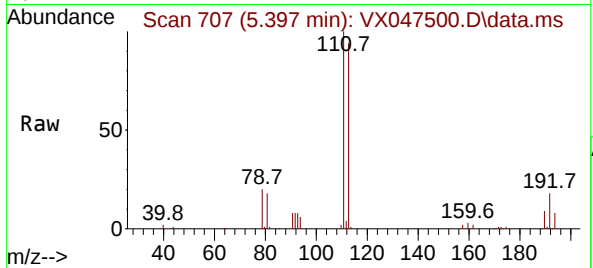




#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047500.D
Acq: 22 Aug 2025 16:04

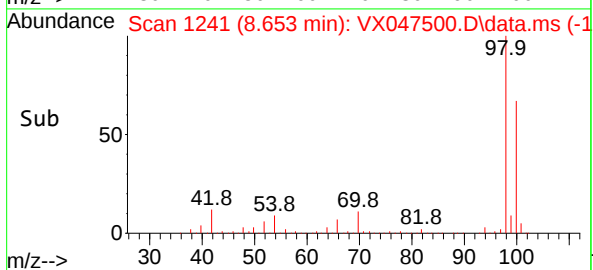
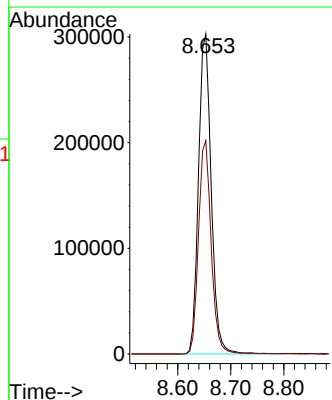
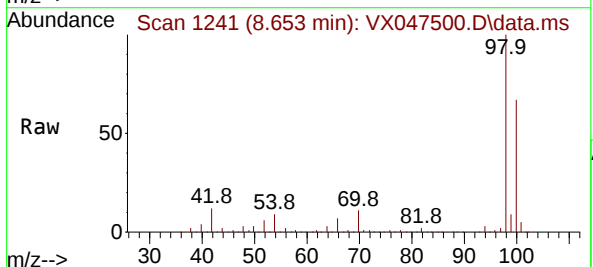
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW03

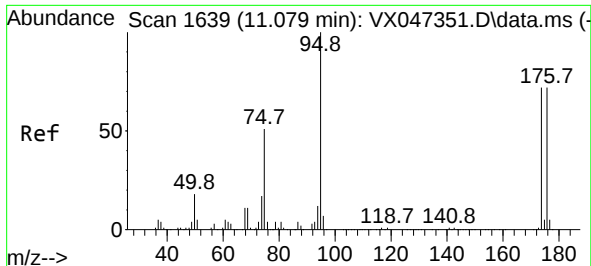
Tgt Ion:113 Resp: 145438
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 18.2 14.1 21.1



#50
Toluene-d8
Concen: 48.633 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047500.D
Acq: 22 Aug 2025 16:04

Tgt Ion: 98 Resp: 502930
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 55.691 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047500.D

Acq: 22 Aug 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

ENV-SW03

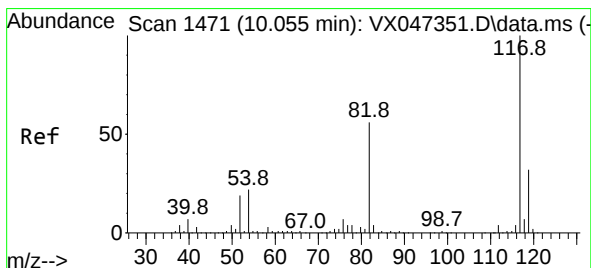
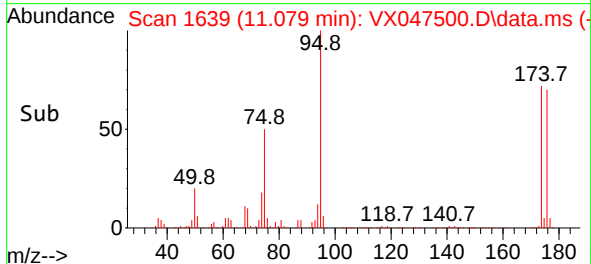
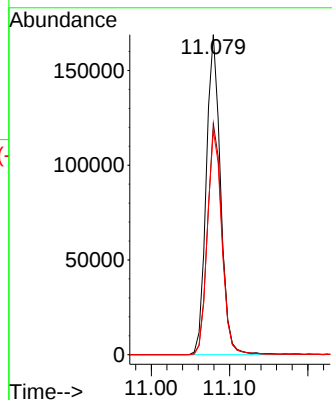
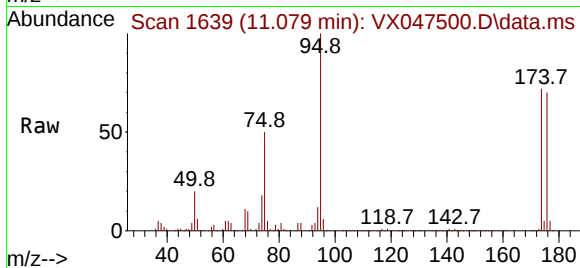
Tgt Ion: 95 Resp: 212526

Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.0

176 71.3 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: VX047500.D

Acq: 22 Aug 2025 16:04

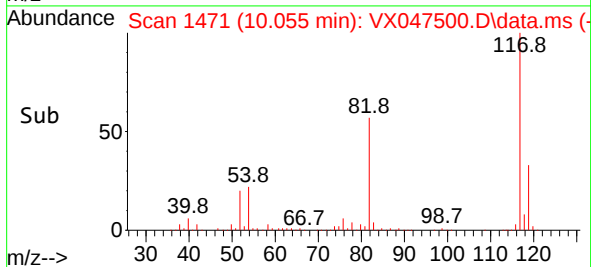
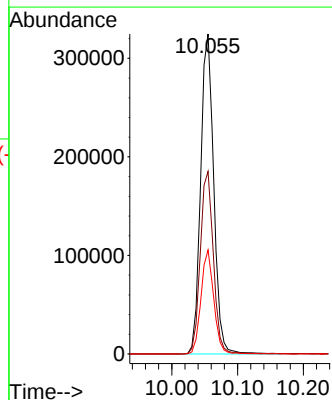
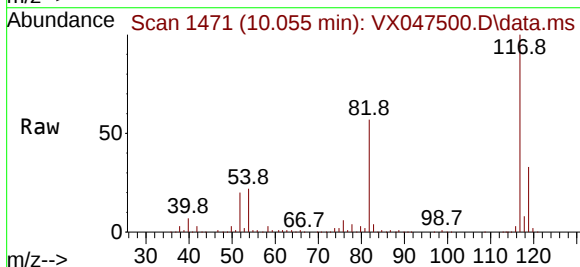
Tgt Ion: 117 Resp: 449549

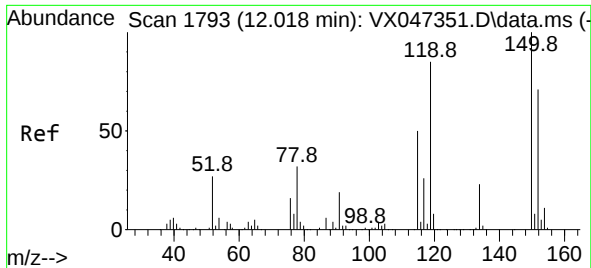
Ion Ratio Lower Upper

117 100

82 57.1 45.0 67.4

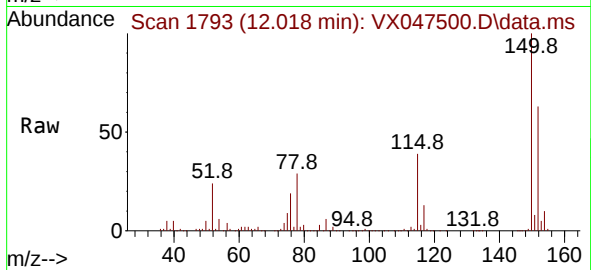
119 32.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047500.D
 Acq: 22 Aug 2025 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW03



Tgt Ion:152 Resp: 239933
 Ion Ratio Lower Upper
 152 100
 115 60.1 44.6 133.8
 150 156.1 0.0 349.8

