

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047499.D
 Acq On : 22 Aug 2025 15:43
 Operator : JC/MD
 Sample : Q2934-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW02

Quant Time: Aug 25 01:29:42 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)

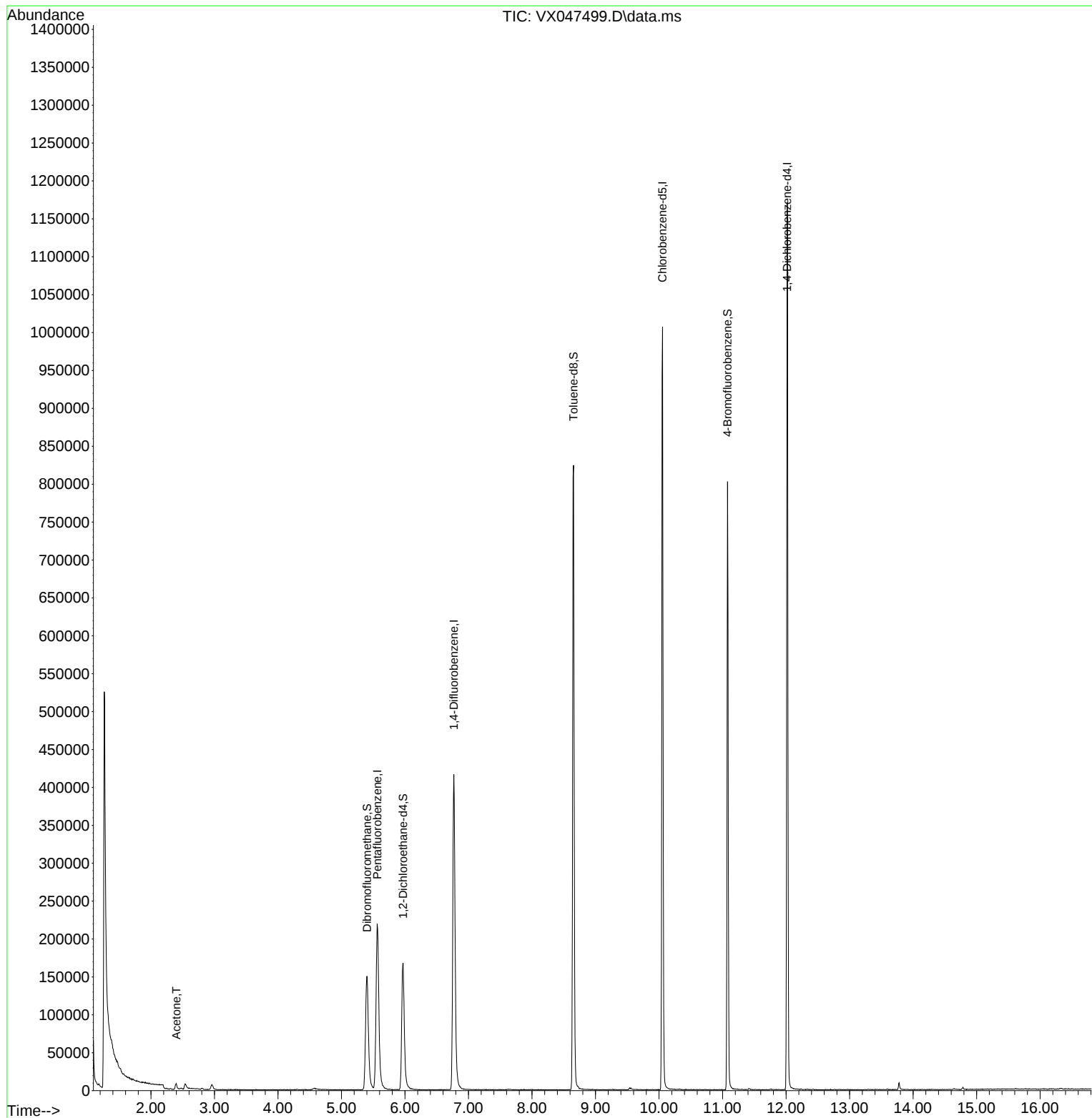
Internal Standards						
1) Pentafluorobenzene	5.562	168	221184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	449540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	236211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	178530	57.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.340%
35) Dibromofluoromethane	5.403	113	146689	50.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	8.653	98	504540	48.383	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	213726	55.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.080%
Target Compounds						
16) Acetone	2.398	43	10669	9.169	ug/l	Qvalue 98

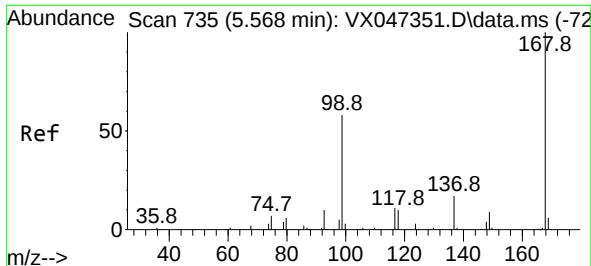
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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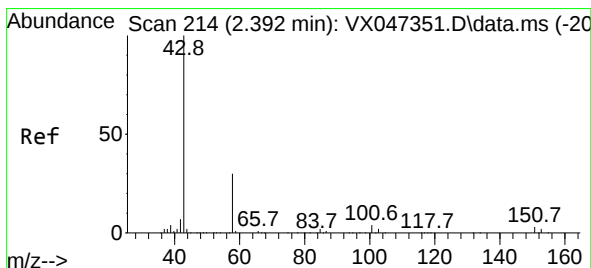
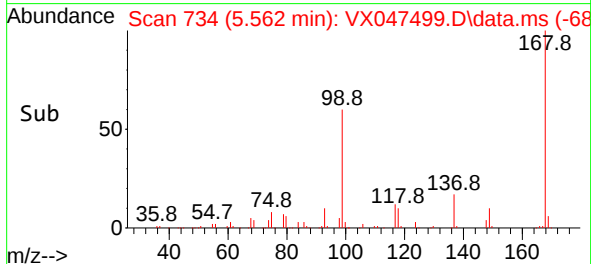
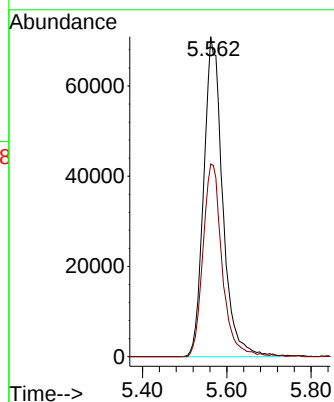
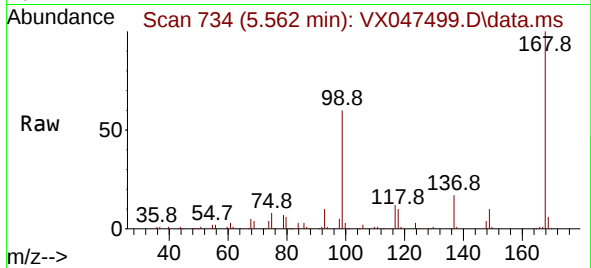




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047499.D
Acq: 22 Aug 2025 15:43

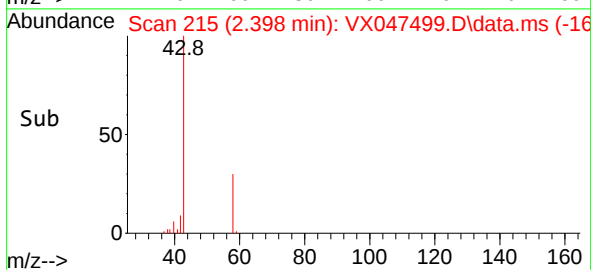
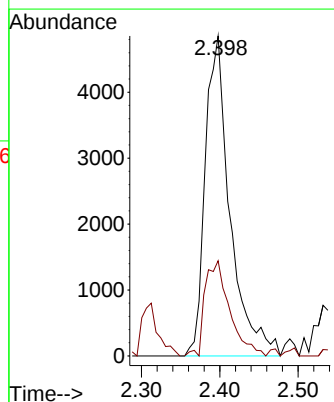
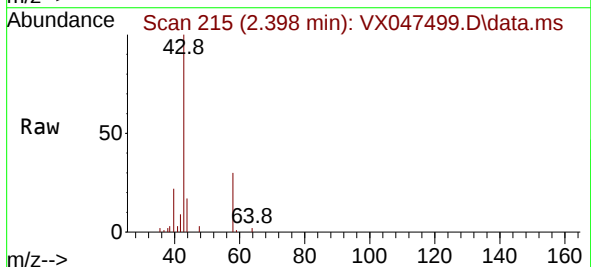
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW02

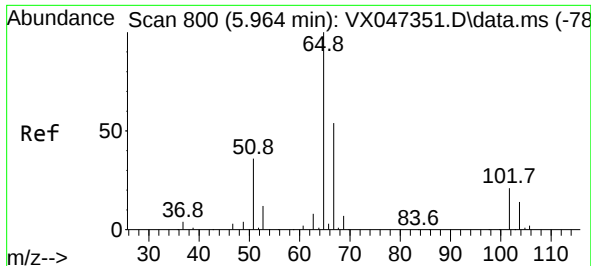
Tgt Ion:168 Resp: 221184
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#16
Acetone
Concen: 9.169 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047499.D
Acq: 22 Aug 2025 15:43

Tgt Ion: 43 Resp: 10669
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 57.673 ug/l

RT: 5.970 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047499.D

Acq: 22 Aug 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

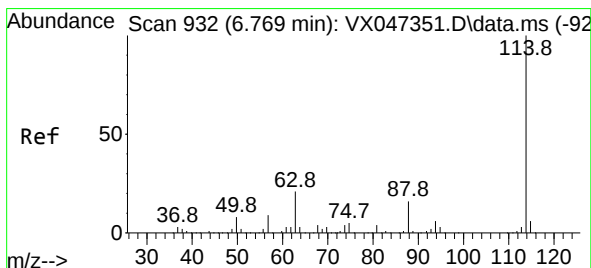
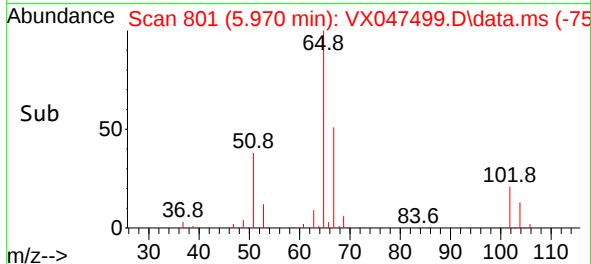
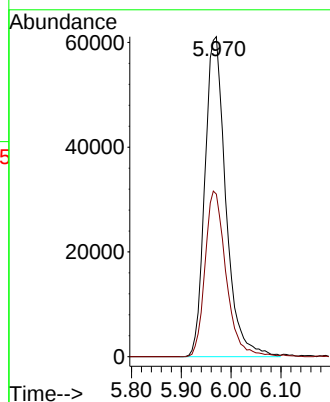
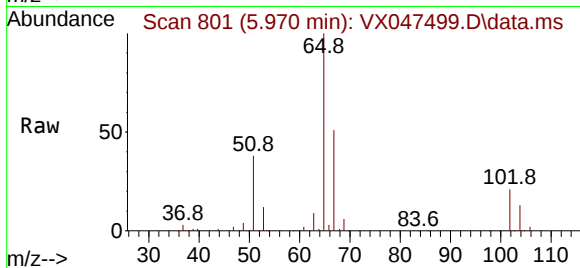
ENV-SW02

Tgt Ion: 65 Resp: 178530

Ion Ratio Lower Upper

65 100

67 52.0 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: VX047499.D

Acq: 22 Aug 2025 15:43

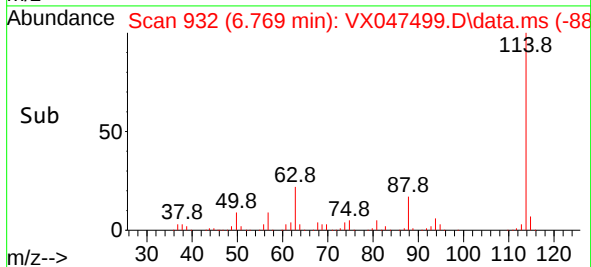
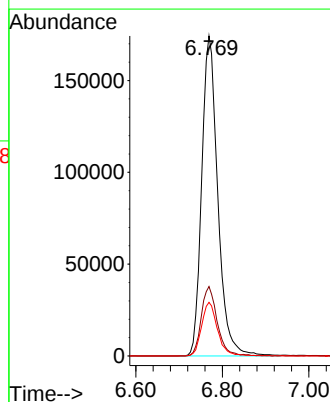
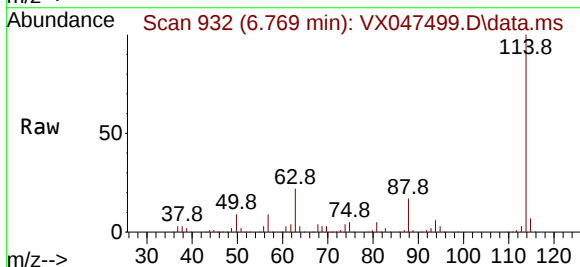
Tgt Ion: 114 Resp: 449540

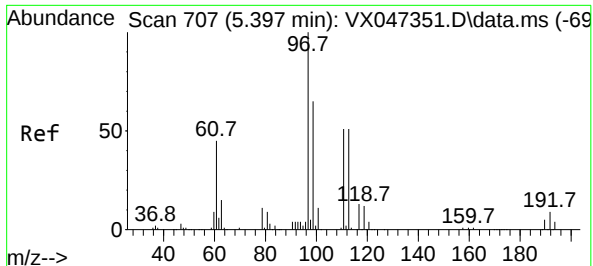
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 16.8 0.0 33.0

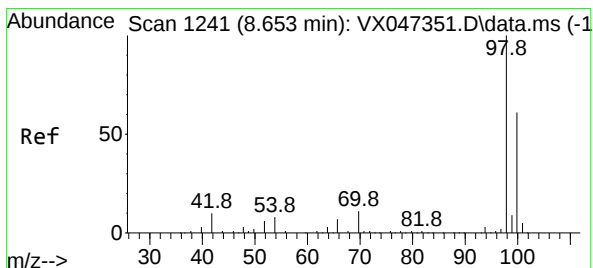
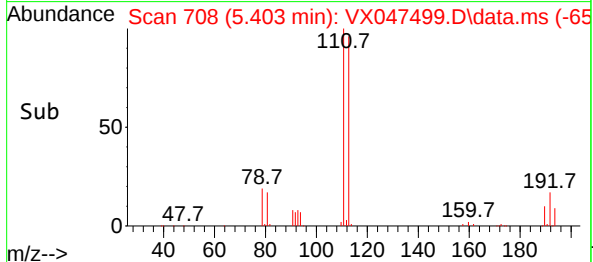
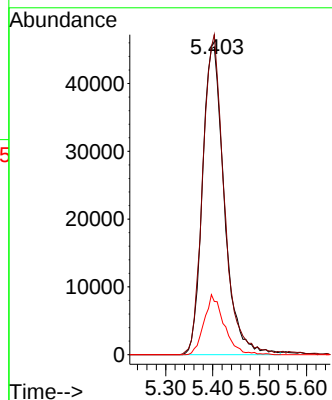
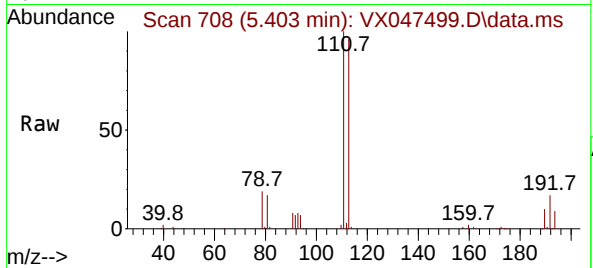




#35
 Dibromofluoromethane
 Concen: 50.278 ug/l
 RT: 5.403 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VX047499.D
 Acq: 22 Aug 2025 15:43

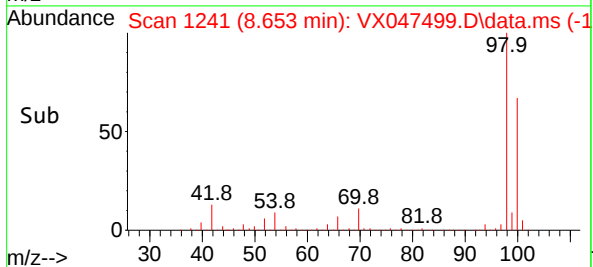
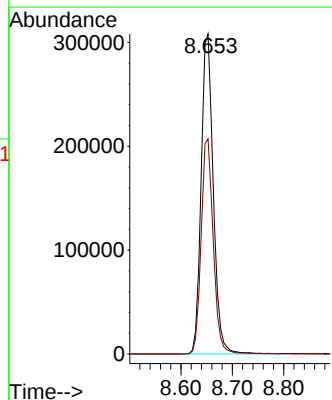
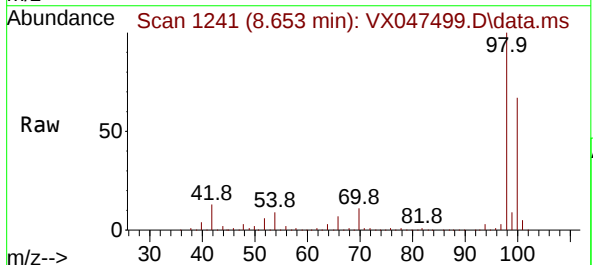
Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW02

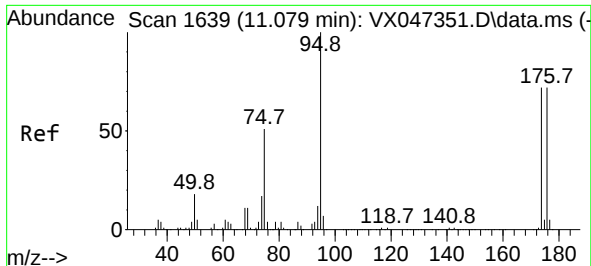
Tgt Ion:113 Resp: 146689
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.2
 192 18.0 14.1 21.1



#50
 Toluene-d8
 Concen: 48.383 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX047499.D
 Acq: 22 Aug 2025 15:43

Tgt Ion: 98 Resp: 504540
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.9 80.9

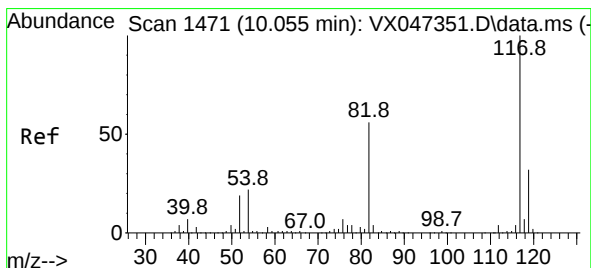
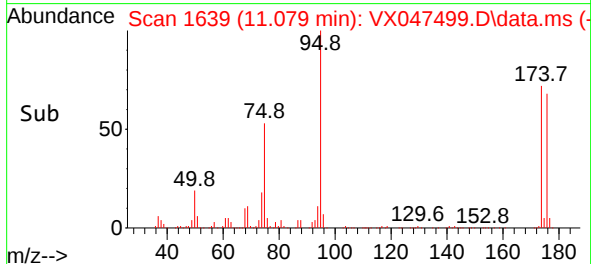
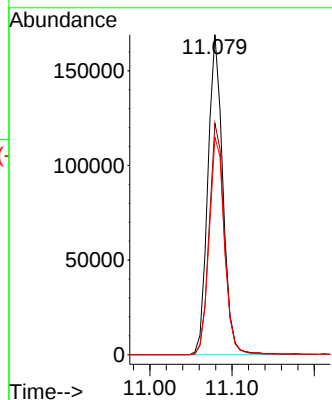
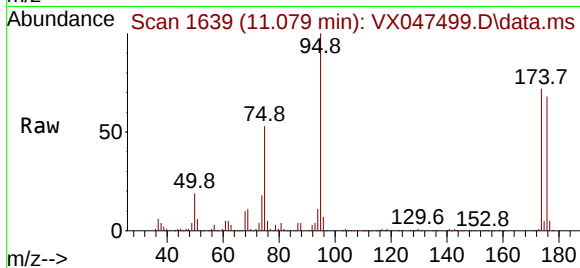




#62
4-Bromofluorobenzene
Concen: 55.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047499.D
Acq: 22 Aug 2025 15:43

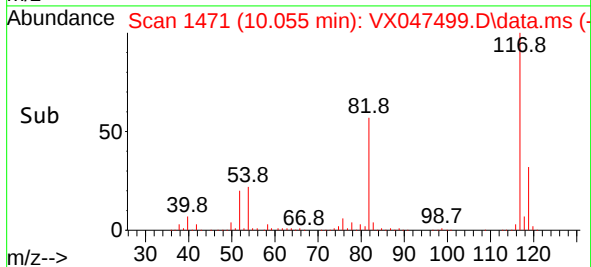
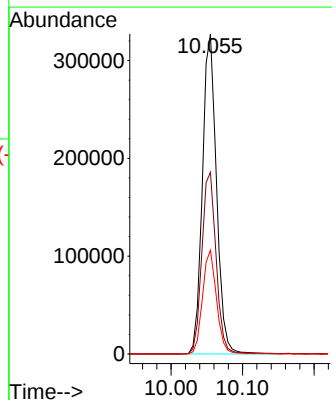
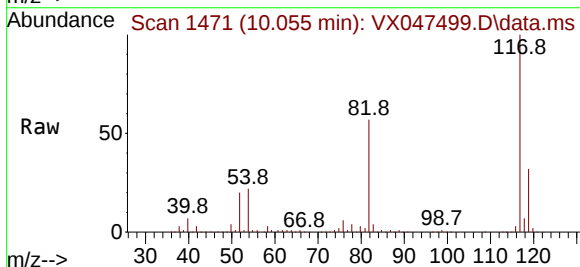
Instrument :
MSVOA_X
ClientSampleId :
ENV-SW02

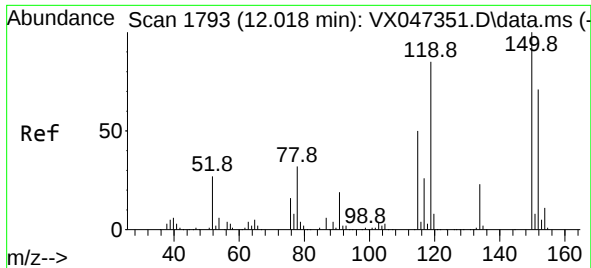
Tgt Ion: 95 Resp: 213726
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 69.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047499.D
Acq: 22 Aug 2025 15:43

Tgt Ion: 117 Resp: 448300
Ion Ratio Lower Upper
117 100
82 56.8 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: VX047499.D
 Acq: 22 Aug 2025 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-SW02

Tgt Ion:152 Resp: 236211
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.6 133.8
 150 157.6 0.0 349.8

