

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047391.D
 Acq On : 18 Aug 2025 18:27
 Operator : JC/MD
 Sample : Q2815-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-S

Quant Time: Aug 19 01:47:51 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	266934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	513263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	253687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	198926	53.248	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.500%
35) Dibromofluoromethane	5.403	113	173468	52.075	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.140%
50) Toluene-d8	8.653	98	636171	53.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.860%
62) 4-Bromofluorobenzene	11.079	95	255538	58.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.320%

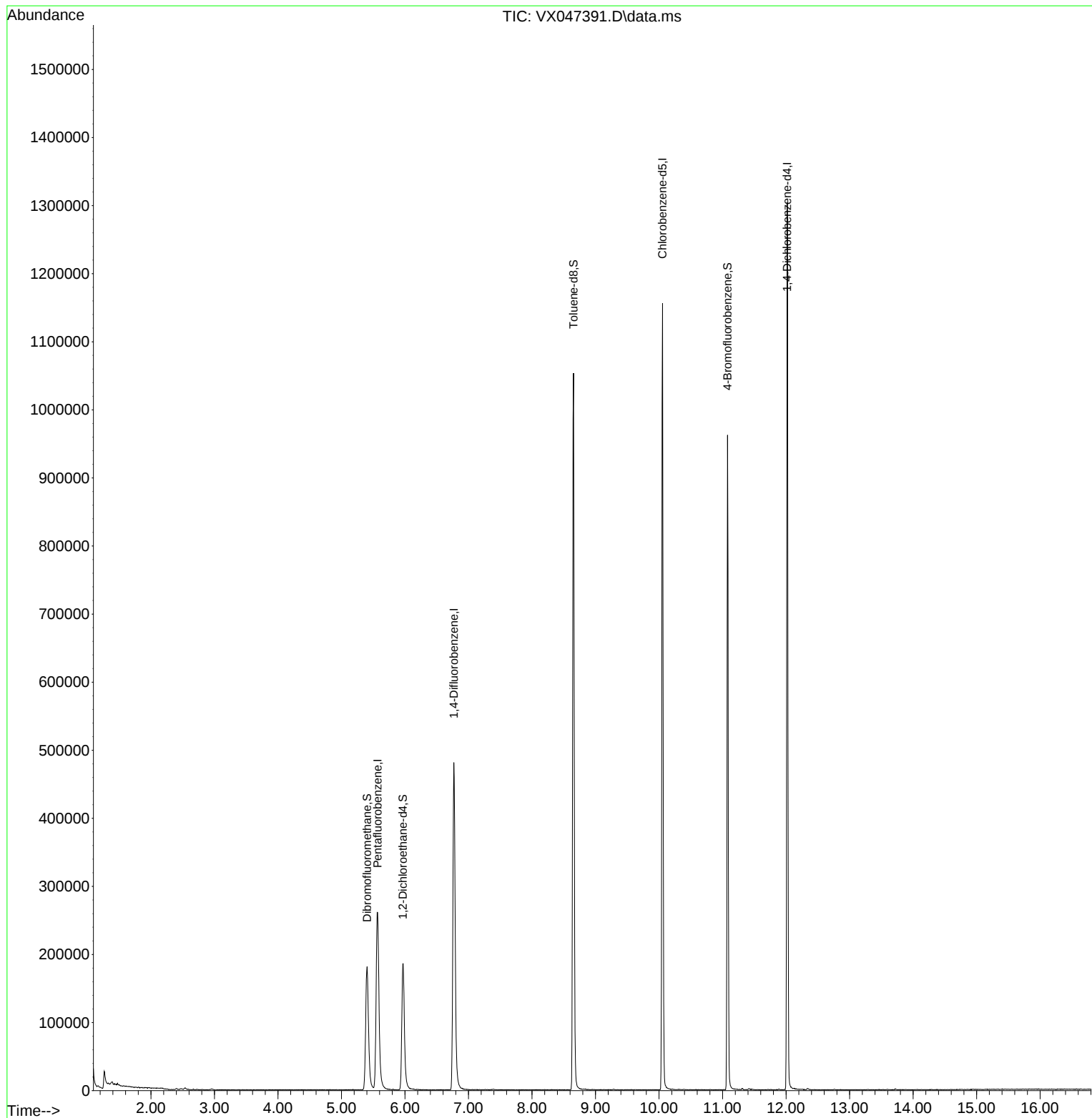
Target Compounds	Qvalue

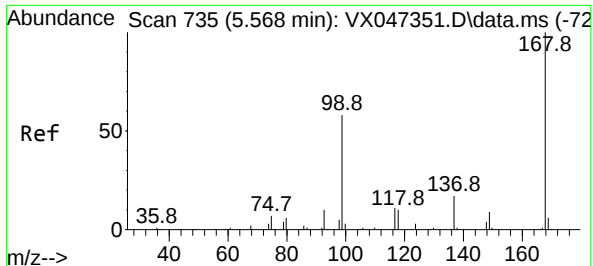
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047391.D
Acq On : 18 Aug 2025 18:27
Operator : JC/MD
Sample : Q2815-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-17M-S

Quant Time: Aug 19 01:47:51 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

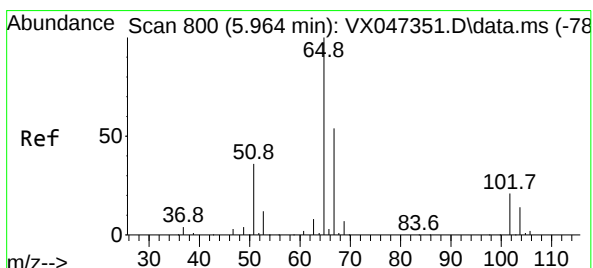
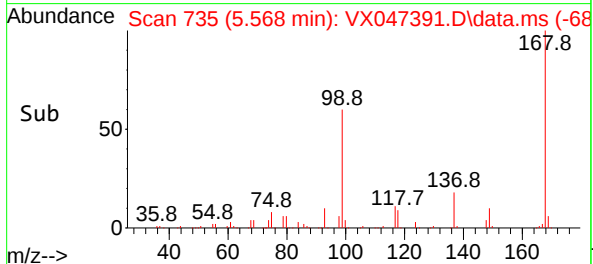
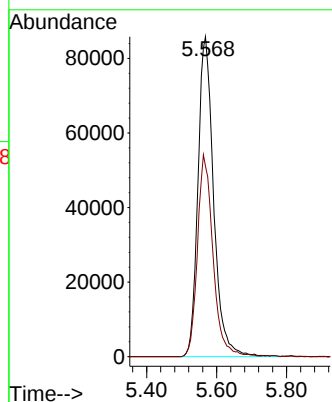
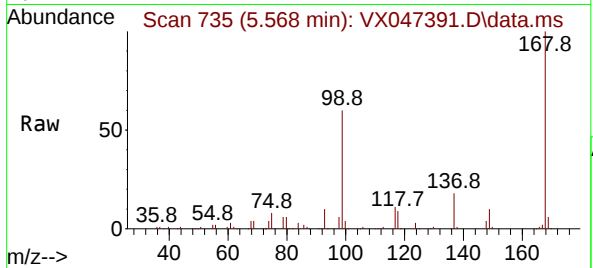




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

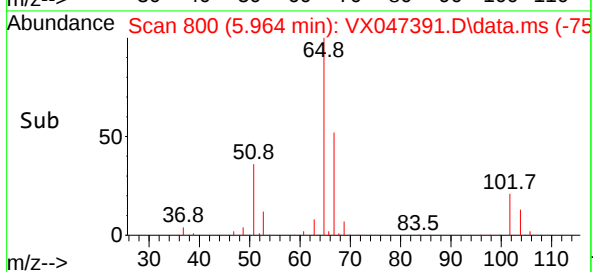
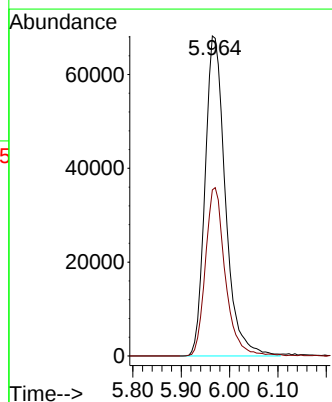
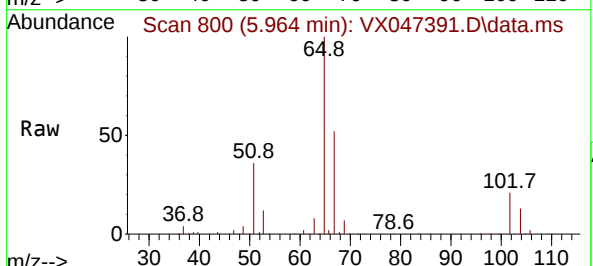
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-S

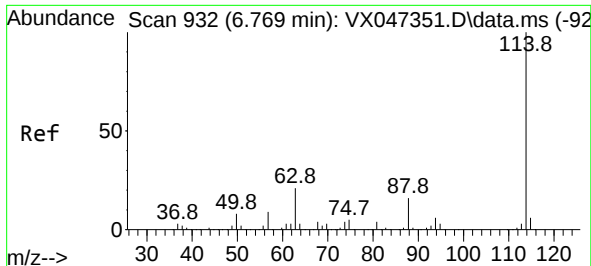
Tgt Ion:168 Resp: 266934
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 53.248 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

Tgt Ion: 65 Resp: 198926
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0

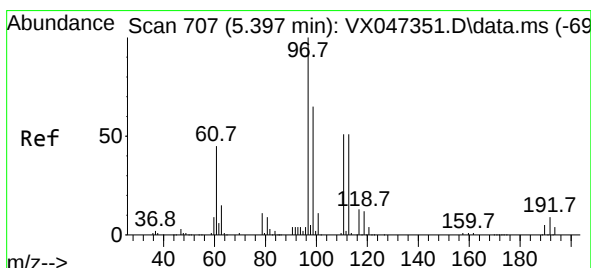
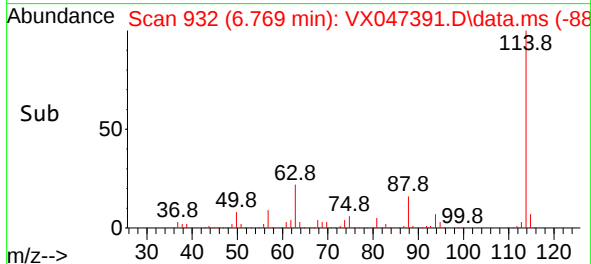
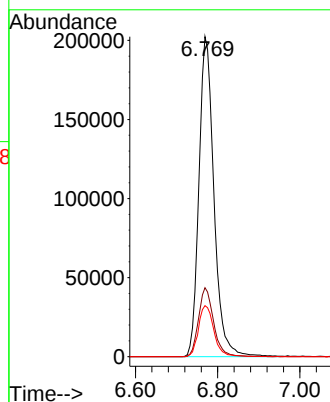
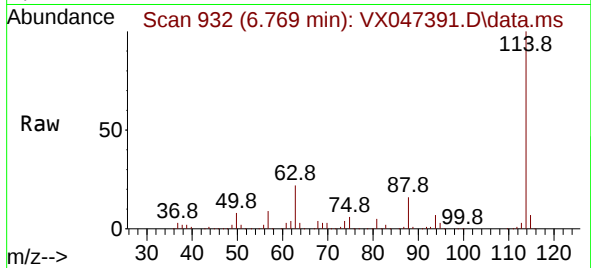




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

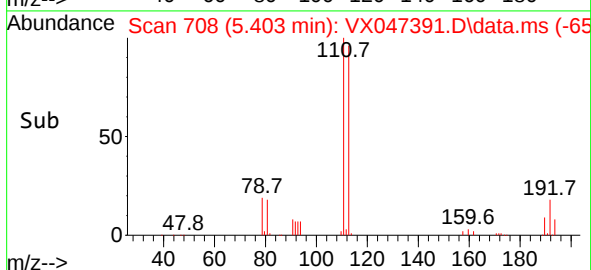
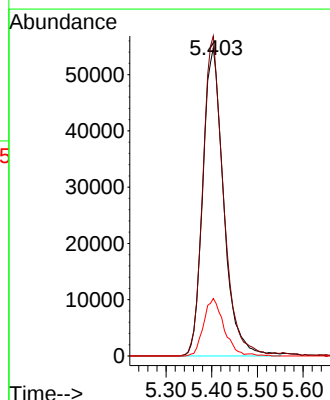
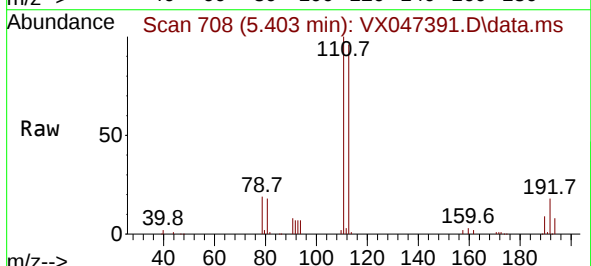
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-S

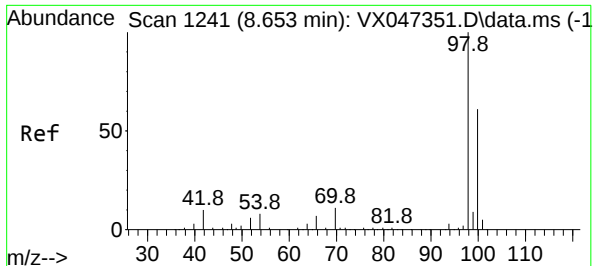
Tgt Ion:114 Resp: 513263
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.075 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

Tgt Ion:113 Resp: 173468
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 18.0 14.1 21.1

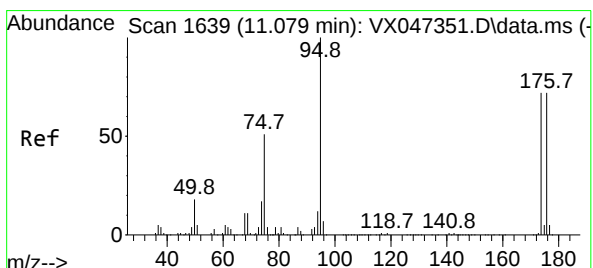
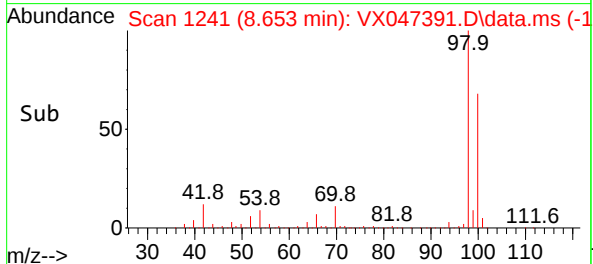
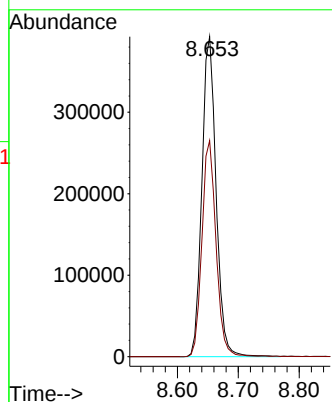
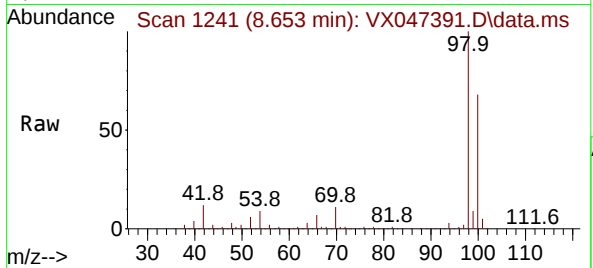




#50
Toluene-d8
Concen: 53.431 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

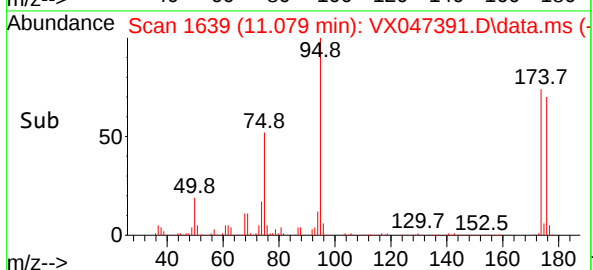
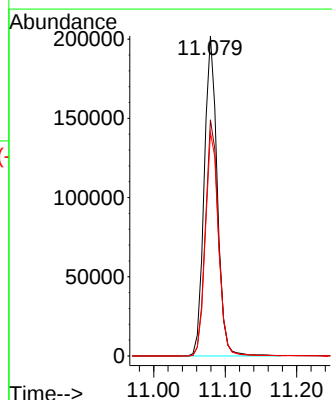
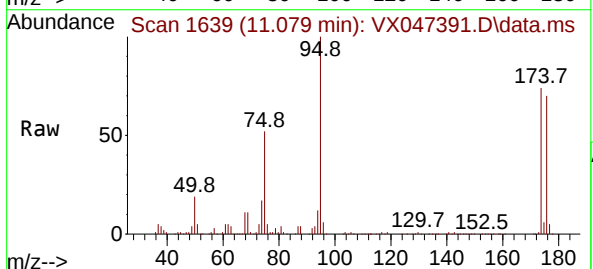
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-S

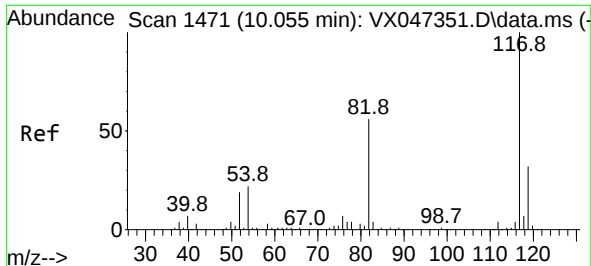
Tgt Ion: 98 Resp: 636171
Ion Ratio Lower Upper
98 100
100 67.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

Tgt Ion: 95 Resp: 255538
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.0
176 70.8 0.0 145.4

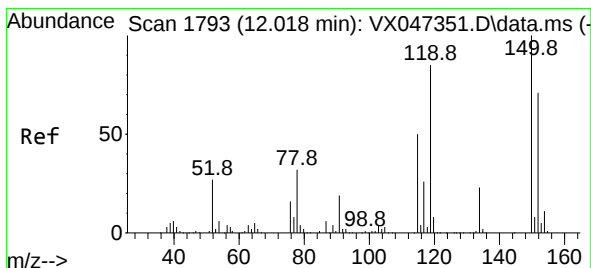
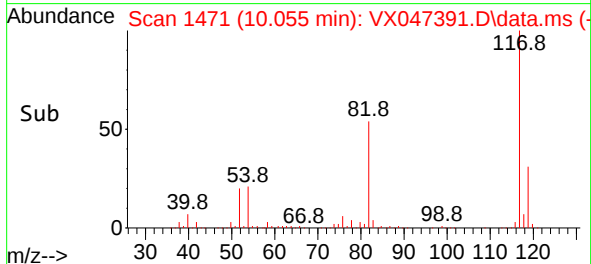
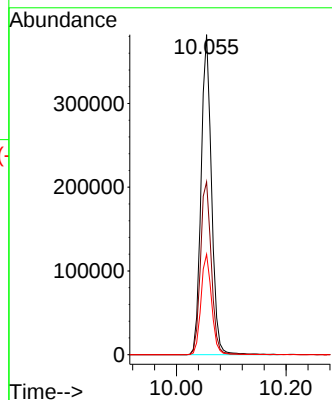
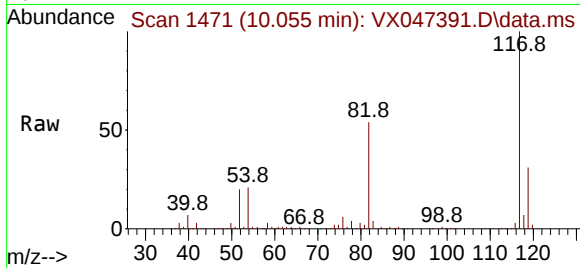




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
TW-17M-S

Tgt Ion:117 Resp: 504355
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047391.D
Acq: 18 Aug 2025 18:27

Tgt Ion:152 Resp: 253687
Ion Ratio Lower Upper
152 100
115 62.8 44.6 133.8
150 160.0 0.0 349.8

