

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047386.D
 Acq On : 18 Aug 2025 16:40
 Operator : JC/MD
 Sample : Q2815-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-W

Quant Time: Aug 19 01:45:42 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)

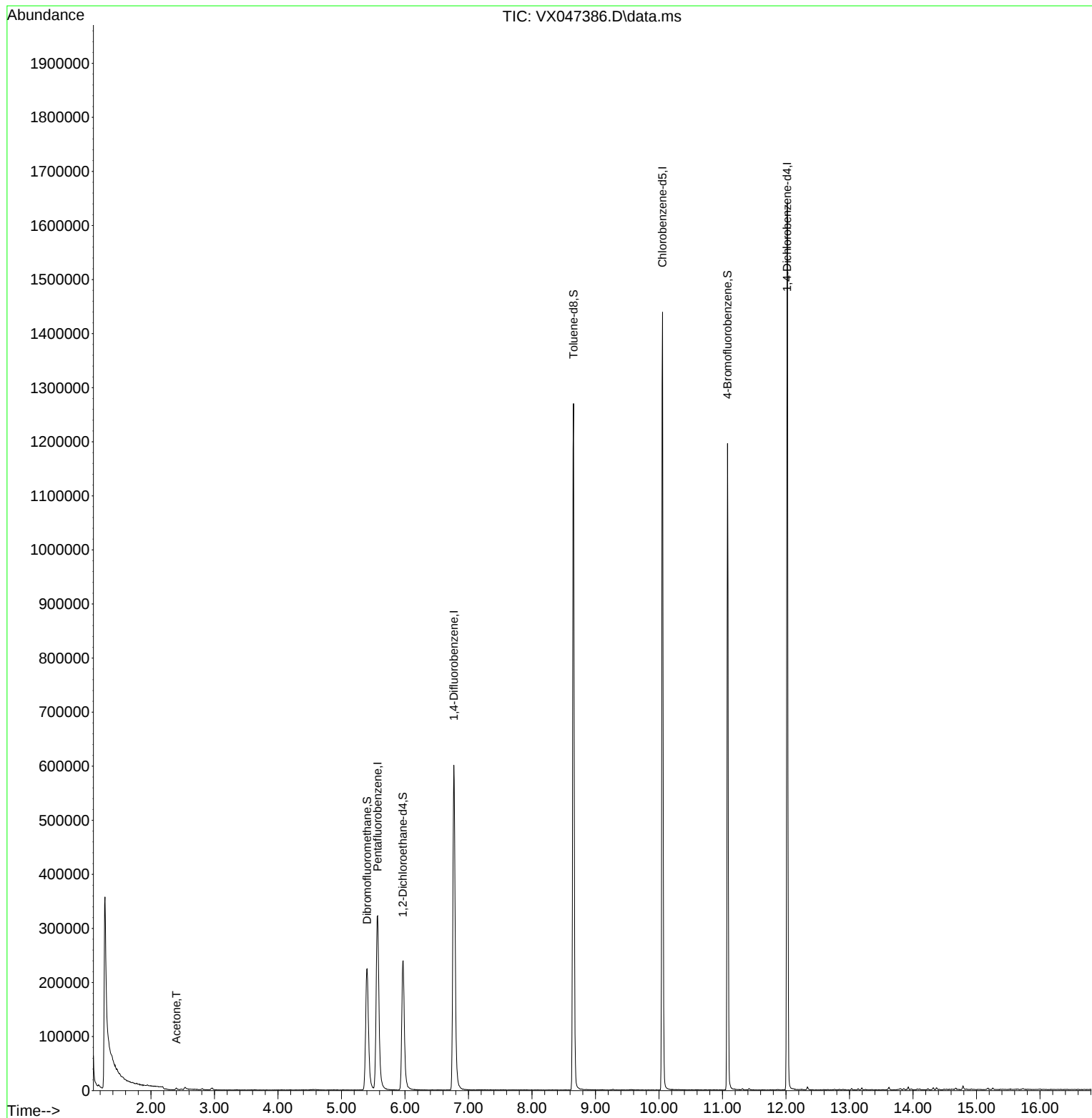
Internal Standards						
1) Pentafluorobenzene	5.568	168	327533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	642714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	631354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	322324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	254964	55.621	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	111.240%	
35) Dibromofluoromethane	5.404	113	213024	51.069	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.140%	
50) Toluene-d8	8.653	98	771421	51.741	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	103.480%	
62) 4-Bromofluorobenzene	11.079	95	315633	57.369	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	114.740%	
Target Compounds						
16) Acetone	2.398	43	4513	2.619	ug/l	Qvalue # 85

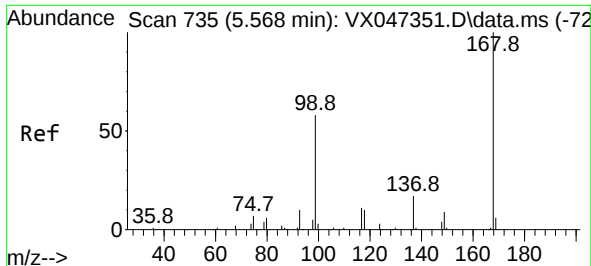
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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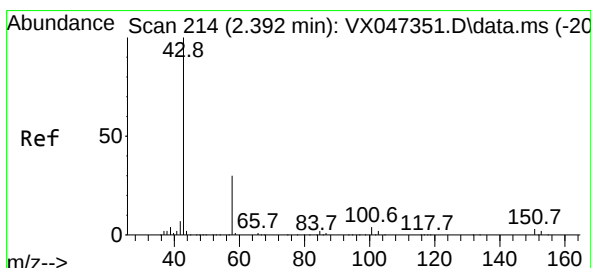
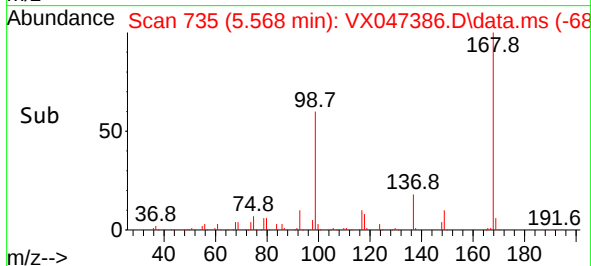
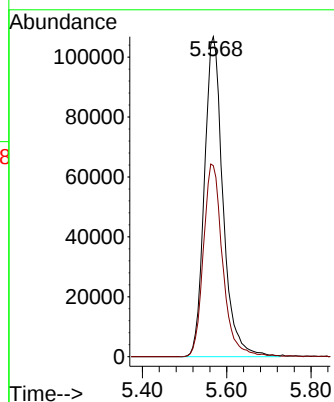
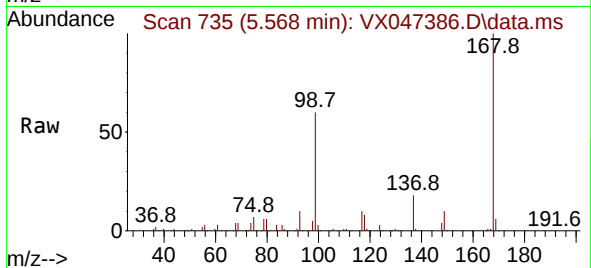




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

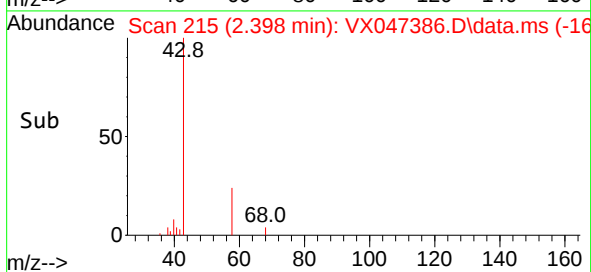
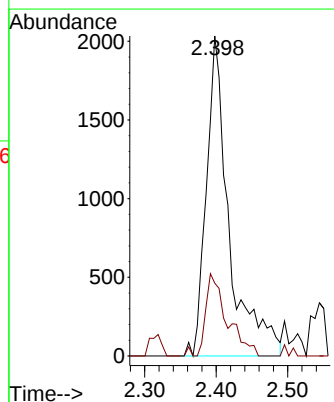
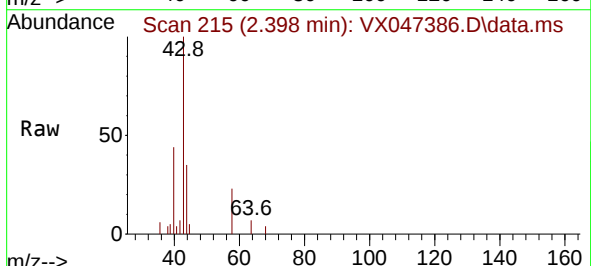
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

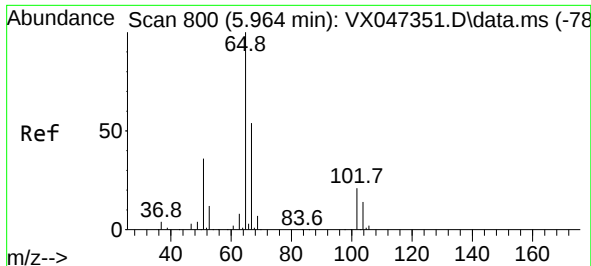
Tgt Ion:168 Resp: 327533
Ion Ratio Lower Upper
168 100
99 59.7 47.9 71.9



#16
Acetone
Concen: 2.619 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 22.8 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 55.621 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047386.D

Acq: 18 Aug 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

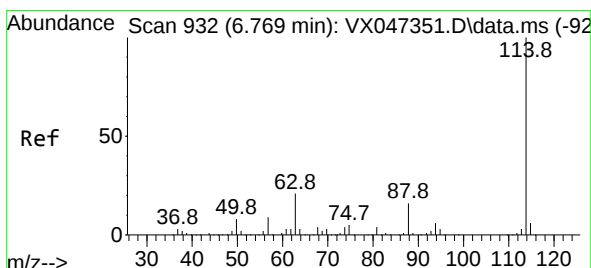
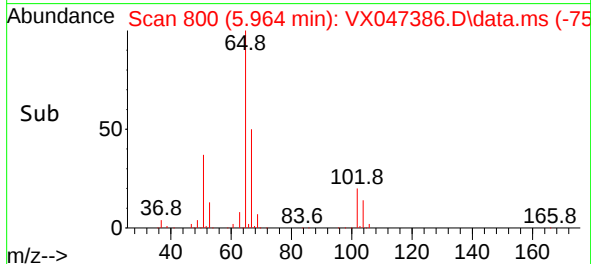
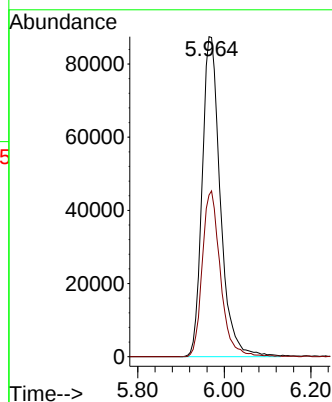
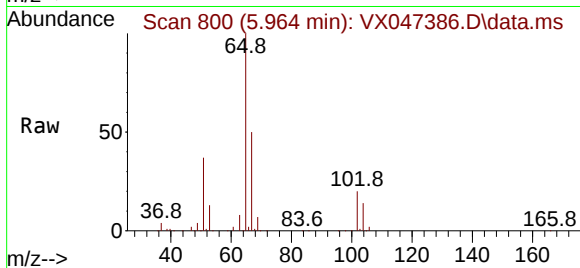
TW-22M-W

Tgt Ion: 65 Resp: 254964

Ion Ratio Lower Upper

65 100

67 51.8 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: VX047386.D

Acq: 18 Aug 2025 16:40

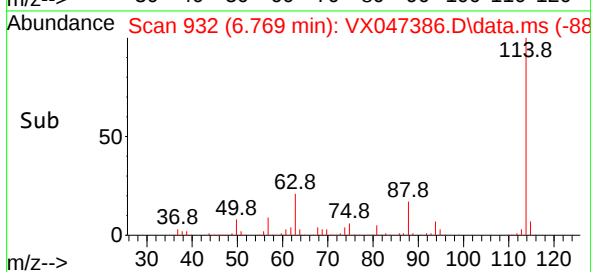
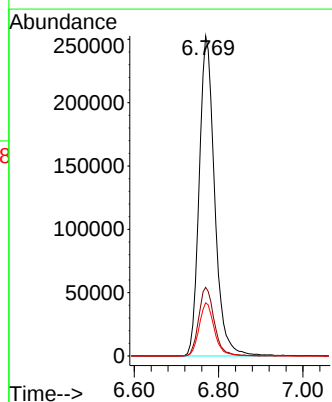
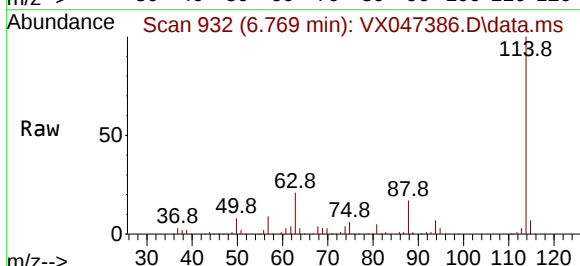
Tgt Ion: 114 Resp: 642714

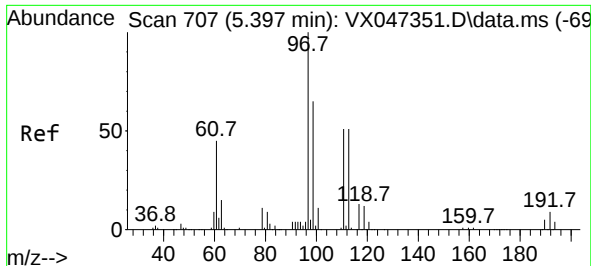
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 16.6 0.0 33.0

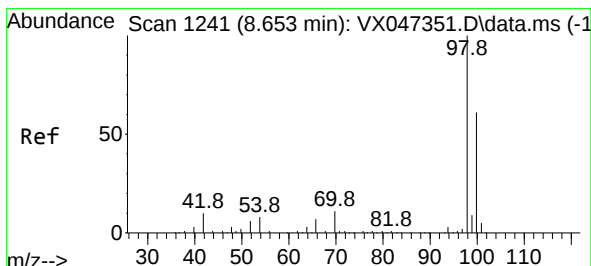
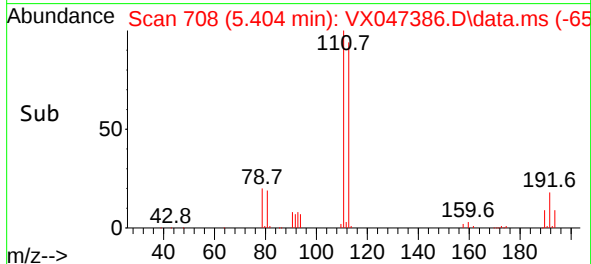
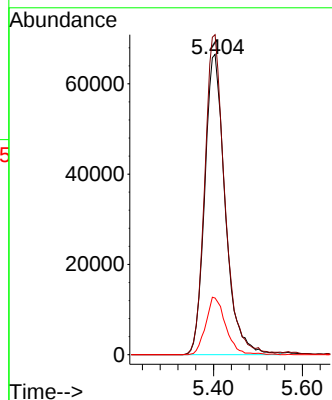
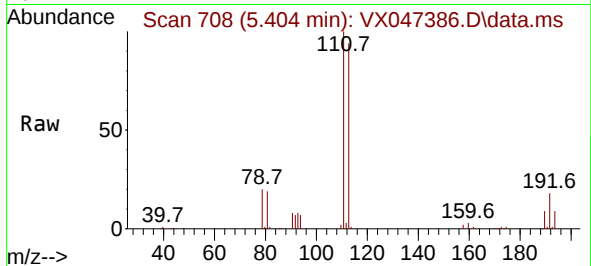




#35
Dibromofluoromethane
Concen: 51.069 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

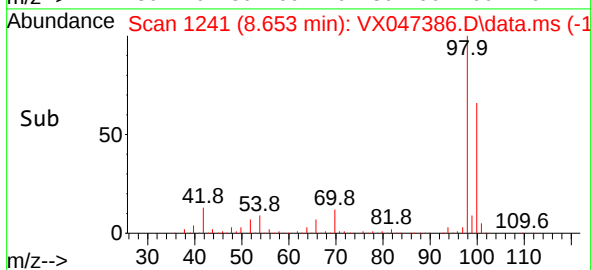
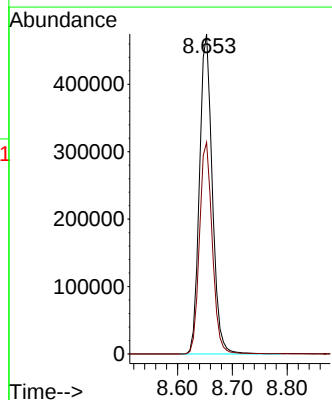
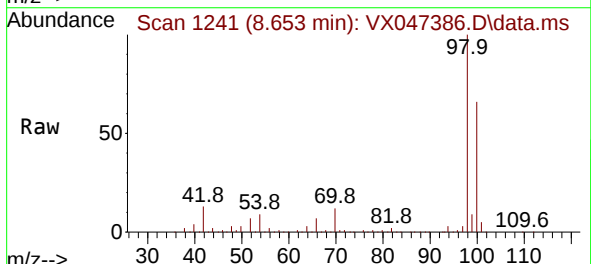
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

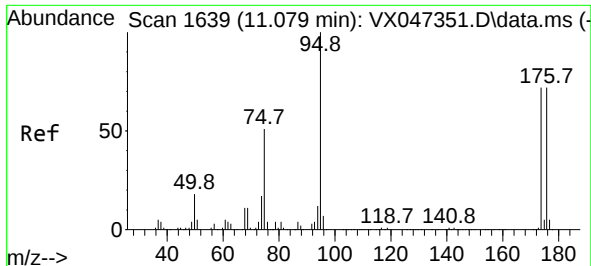
Tgt Ion:113 Resp: 213024
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.2
192 18.6 14.1 21.1



#50
Toluene-d8
Concen: 51.741 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

Tgt Ion: 98 Resp: 771421
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9

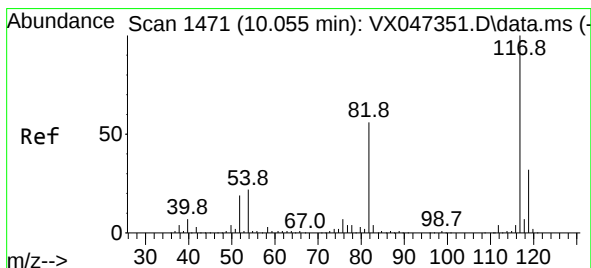
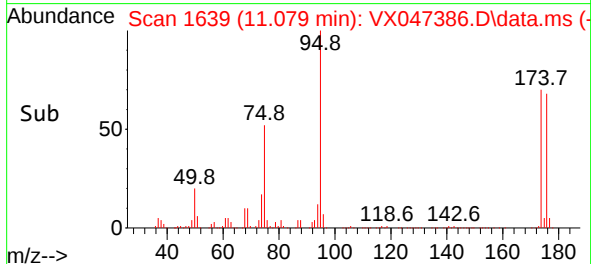
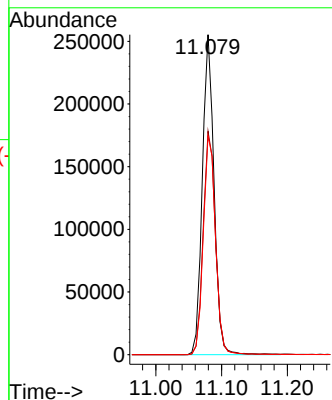
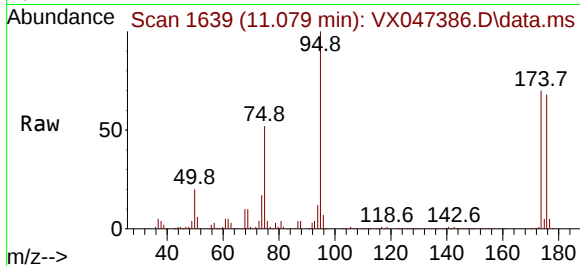




#62
4-Bromofluorobenzene
Concen: 57.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

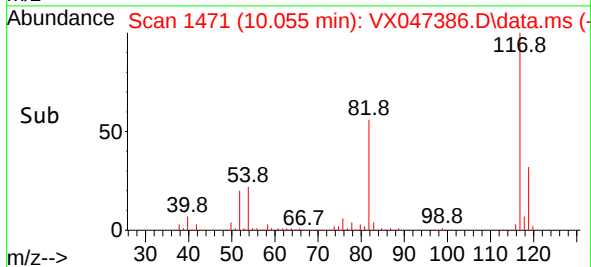
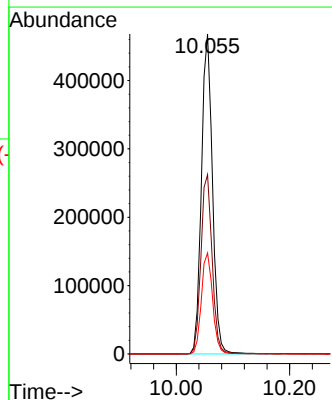
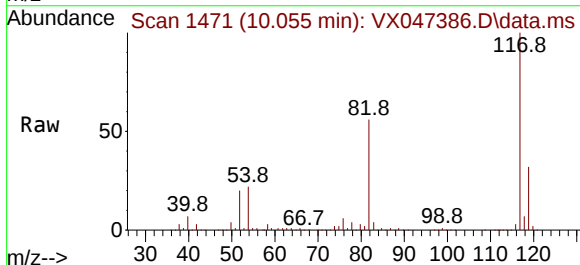
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

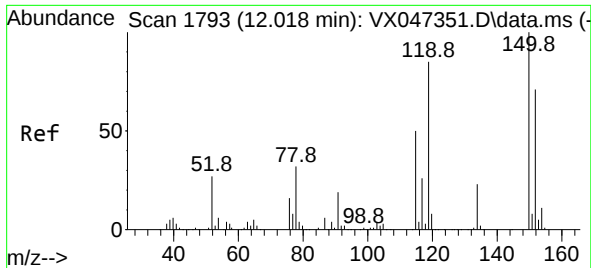
Tgt Ion: 95 Resp: 315633
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.0
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

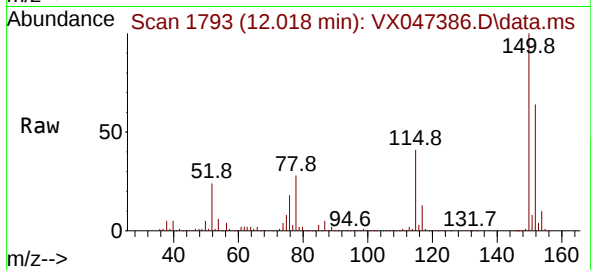
Tgt Ion: 117 Resp: 631354
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.5 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047386.D
Acq: 18 Aug 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W



Tgt Ion:152 Resp: 322324
Ion Ratio Lower Upper
152 100
115 61.6 44.6 133.8
150 154.6 0.0 349.8

