

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047404.D
 Acq On : 19 Aug 2025 12:16
 Operator : JC/MD
 Sample : Q2815-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-W

Quant Time: Aug 20 01:24:40 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)

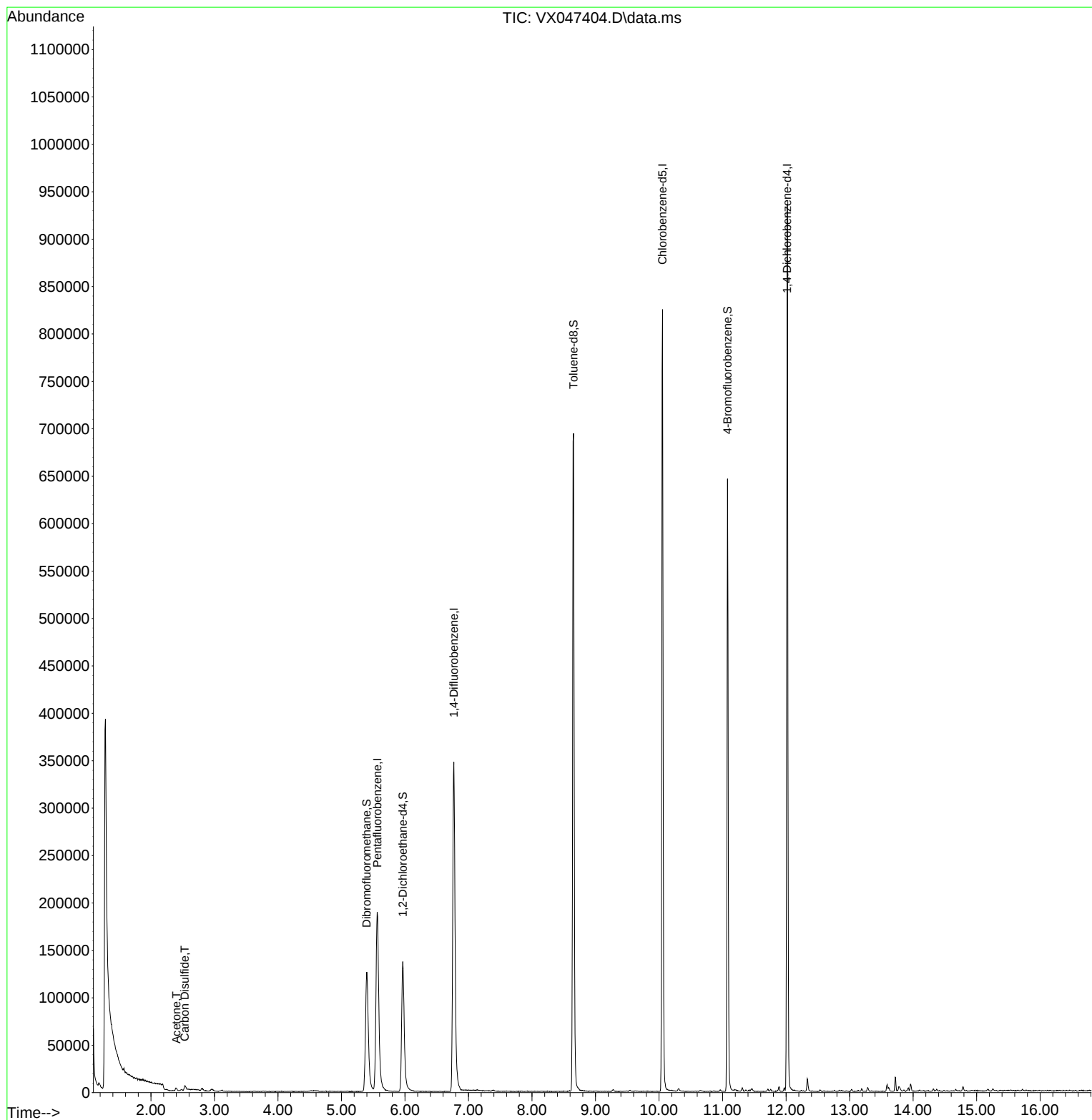
Internal Standards						
1) Pentafluorobenzene	5.562	168	192034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	186642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143693	53.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.940%	
35) Dibromofluoromethane	5.397	113	120767	48.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.920%	
50) Toluene-d8	8.653	98	436381	49.501	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	174627	53.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.360%	
Target Compounds						
						Qvalue
16) Acetone	2.398	43	4402	4.358	ug/l	93
17) Carbon Disulfide	2.532	76	7427	1.018	ug/l	95

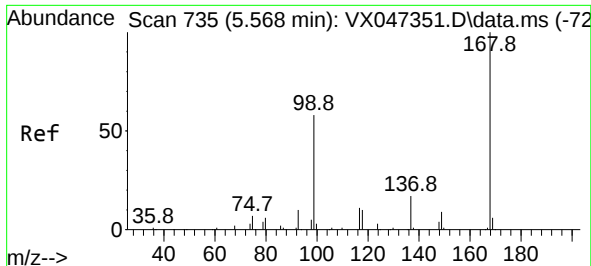
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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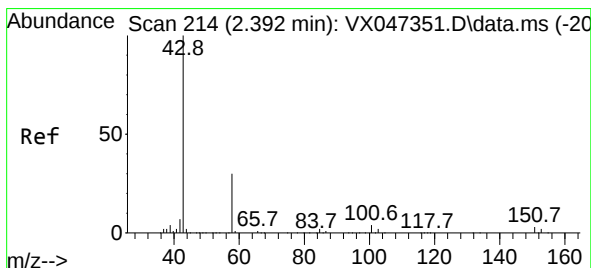
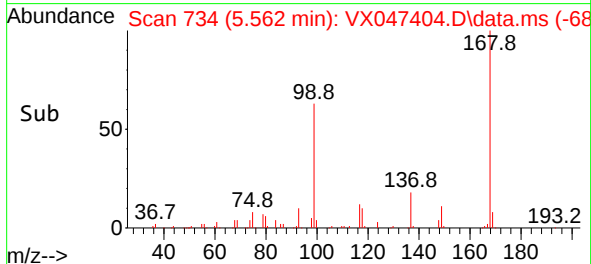
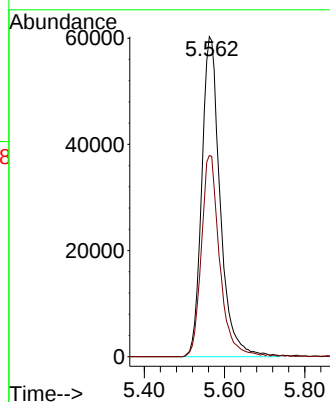
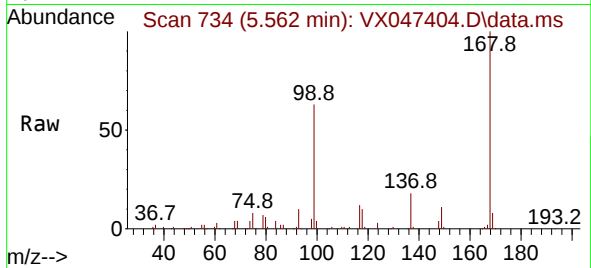




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

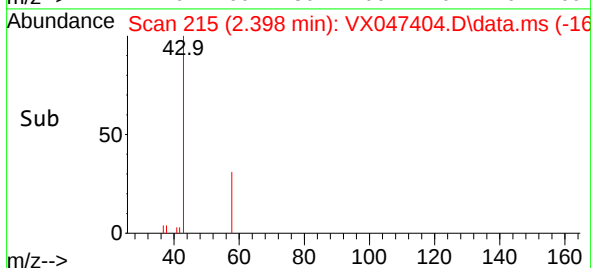
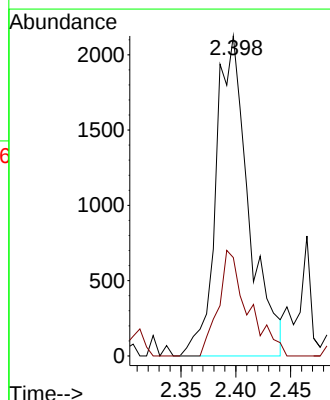
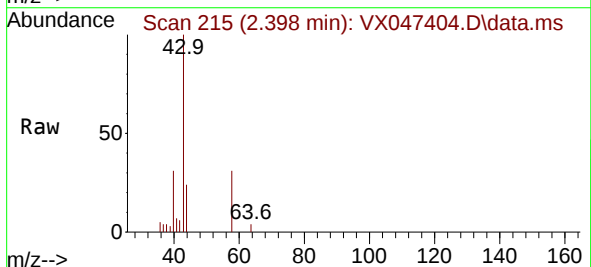
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

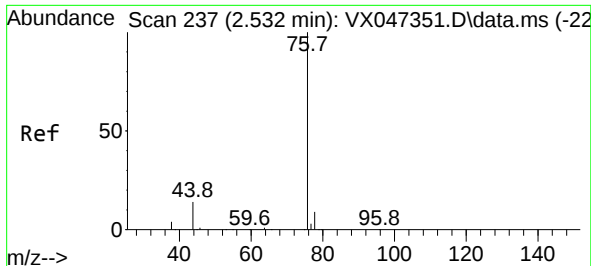
Tgt Ion:168 Resp: 192034
Ion Ratio Lower Upper
168 100
99 62.8 47.9 71.9



#16
Acetone
Concen: 4.358 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

Tgt Ion: 43 Resp: 4402
Ion Ratio Lower Upper
43 100
58 34.6 24.8 37.2





#17

Carbon Disulfide

Concen: 1.018 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047404.D

Acq: 19 Aug 2025 12:16

Instrument :

MSVOA_X

ClientSampleId :

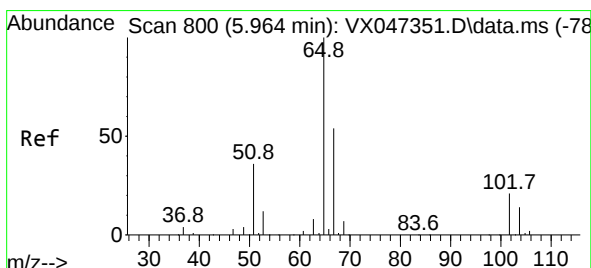
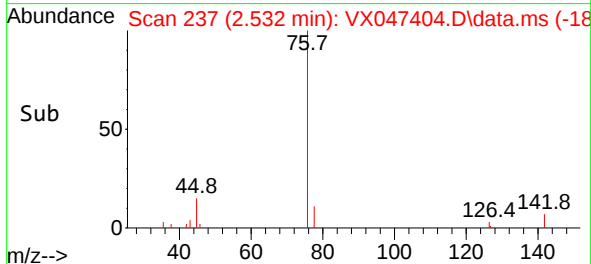
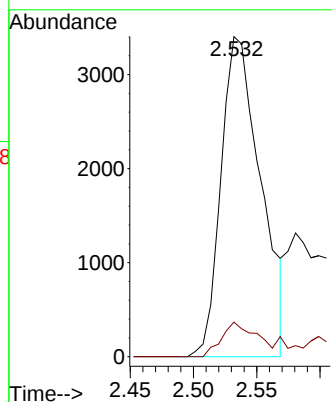
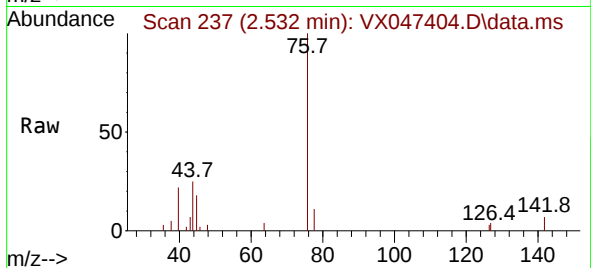
TW-22M-W

Tgt Ion: 76 Resp: 7427

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8



#33

1,2-Dichloroethane-d4

Concen: 53.466 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047404.D

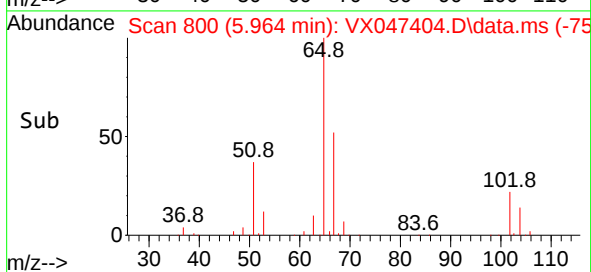
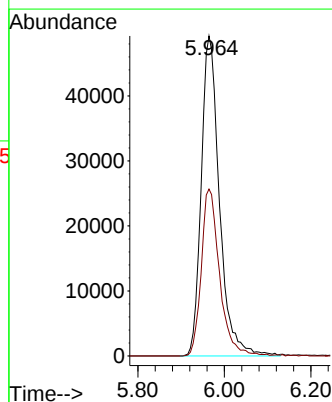
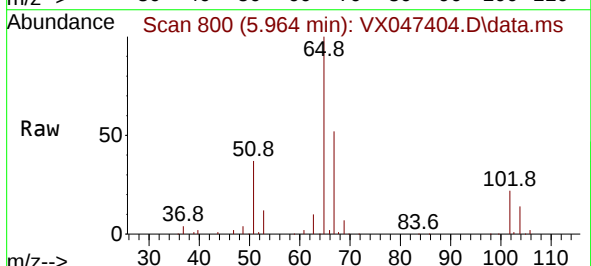
Acq: 19 Aug 2025 12:16

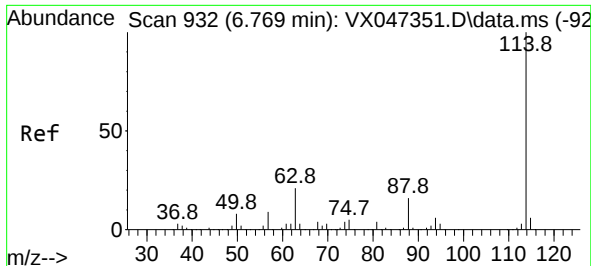
Tgt Ion: 65 Resp: 143693

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.0

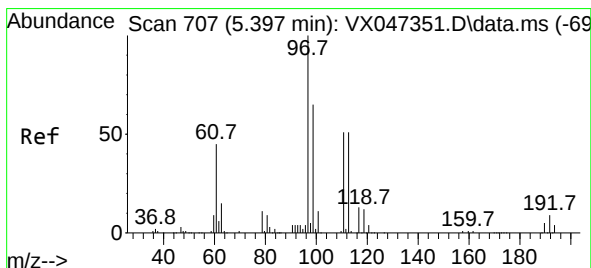
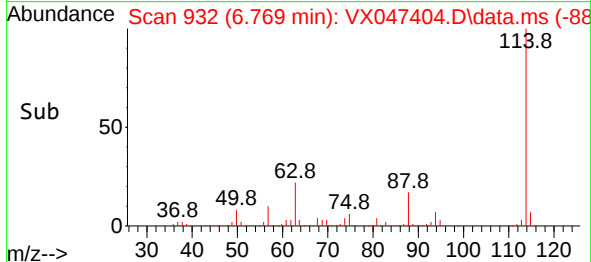
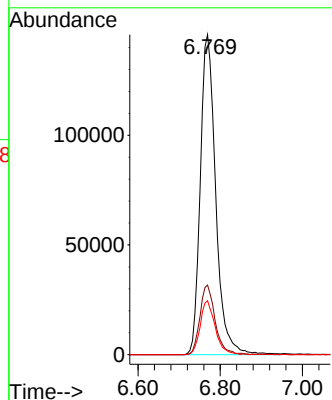
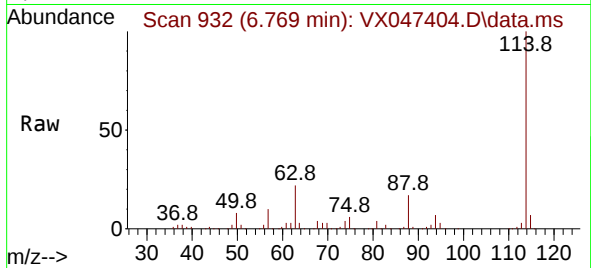




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

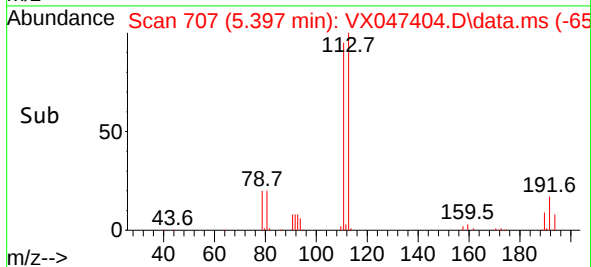
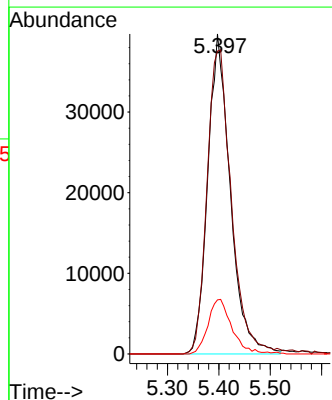
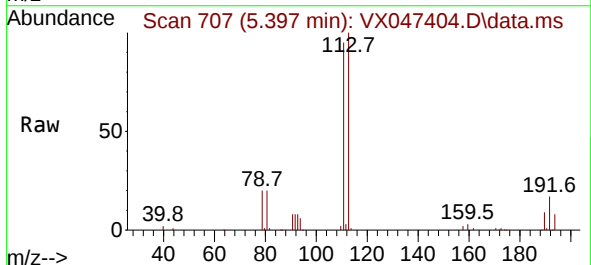
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

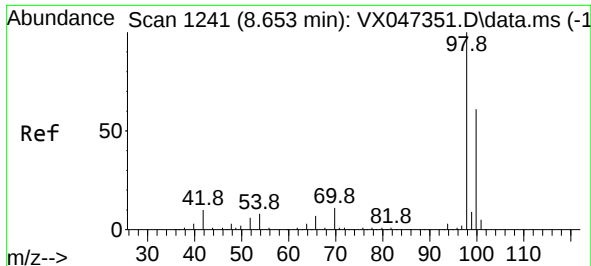
Tgt Ion:114 Resp: 380026
Ion Ratio Lower Upper
114 100
63 24.9 0.0 42.4
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

Tgt Ion:113 Resp: 120767
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 18.2 14.1 21.1

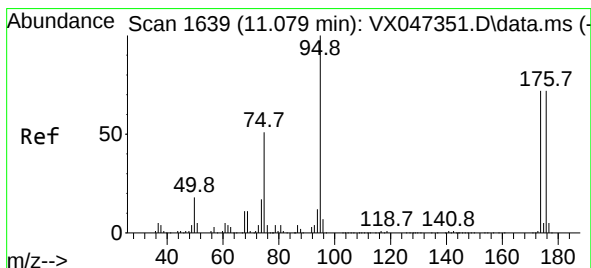
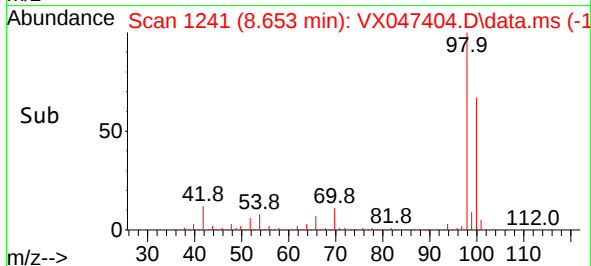
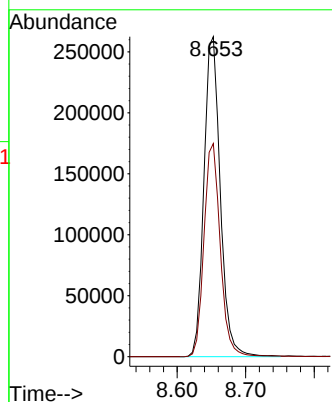
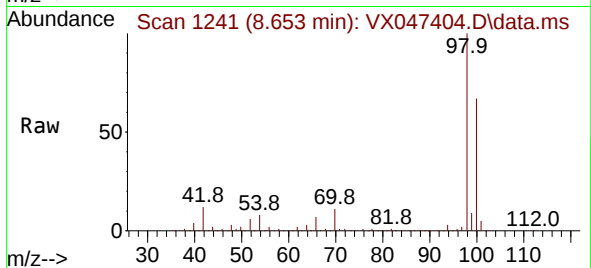




#50
Toluene-d8
Concen: 49.501 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

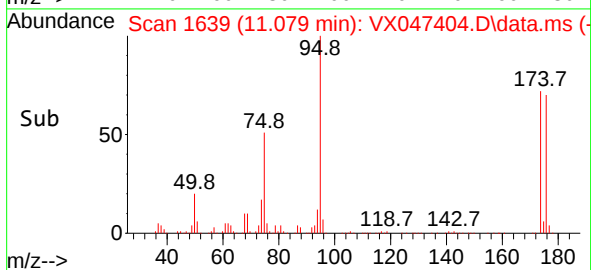
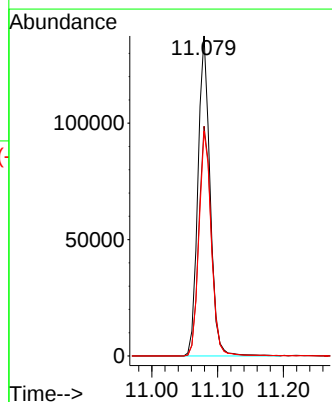
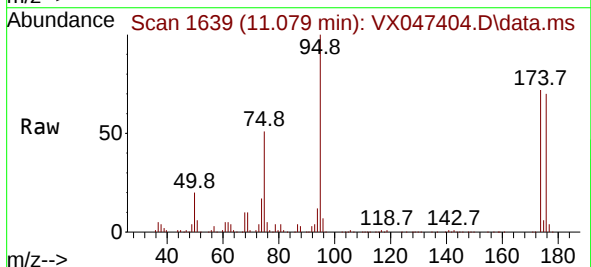
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

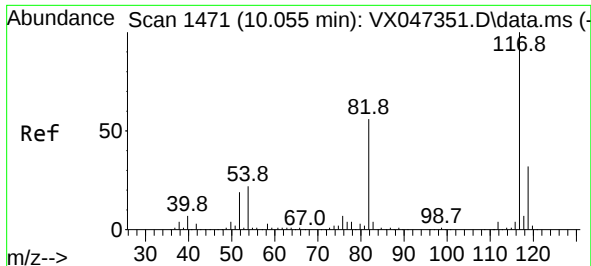
Tgt Ion: 98 Resp: 436381
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 53.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

Tgt Ion: 95 Resp: 174627
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 71.4 0.0 145.4

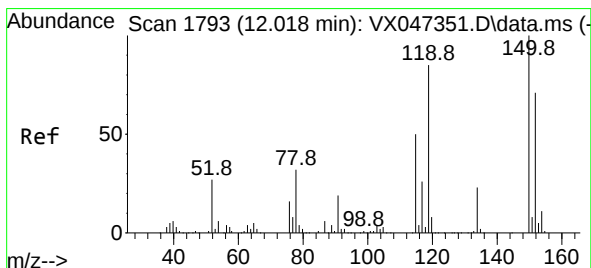
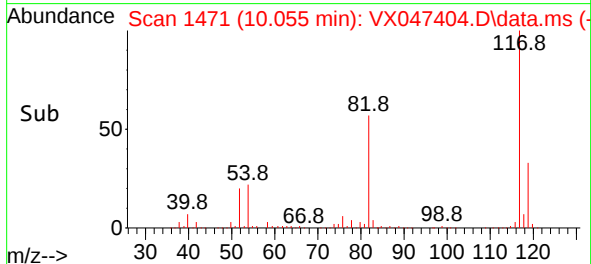
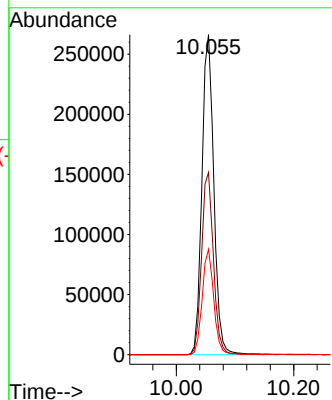
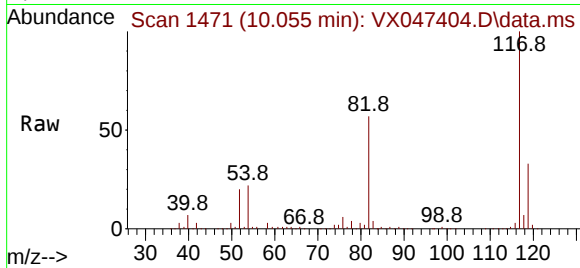




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047404.D
Acq: 19 Aug 2025 12:16

Instrument :
MSVOA_X
ClientSampleId :
TW-22M-W

Tgt Ion:117 Resp: 374792
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.9 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: VX047404.D
Acq: 19 Aug 2025 12:16

Tgt Ion:152 Resp: 186642
Ion Ratio Lower Upper
152 100
115 62.4 44.6 133.8
150 157.4 0.0 349.8

