

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047389.D
 Acq On : 18 Aug 2025 17:44
 Operator : JC/MD
 Sample : Q2815-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-N

Quant Time: Aug 19 01:47:01 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)

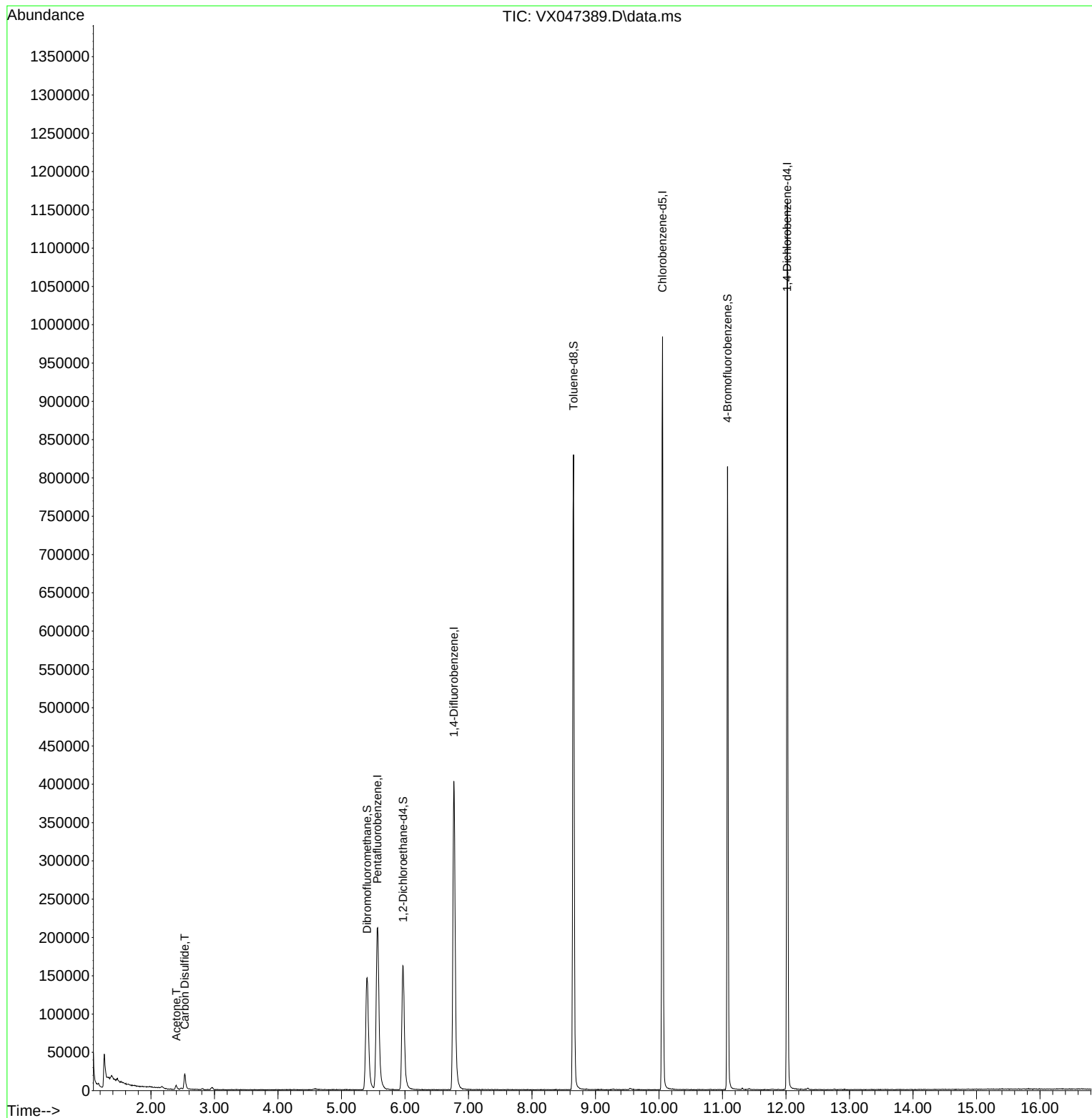
Internal Standards						
1) Pentafluorobenzene	5.562	168	216971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	436090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	227147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	173632	57.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.360%
35) Dibromofluoromethane	5.404	113	139762	49.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.760%
50) Toluene-d8	8.653	98	500774	49.503	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	212376	56.891	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.780%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	6991	6.125	ug/l	# 87
17) Carbon Disulfide	2.532	76	27495	3.335	ug/l	100

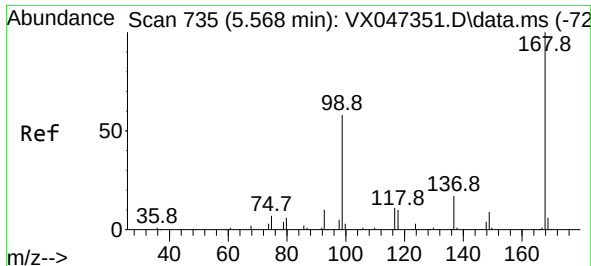
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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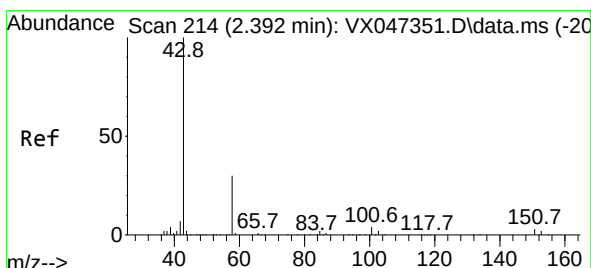
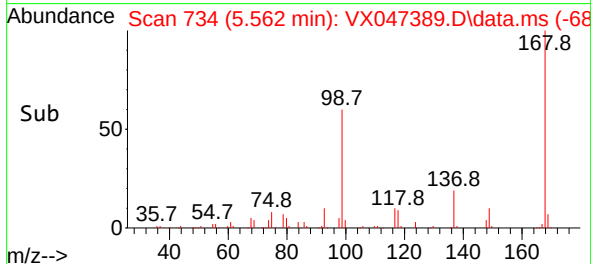
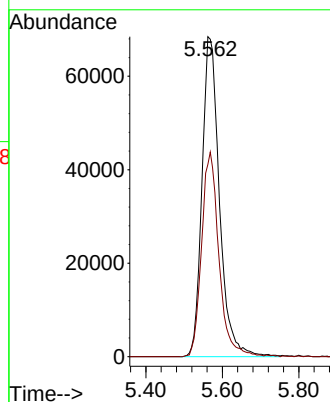
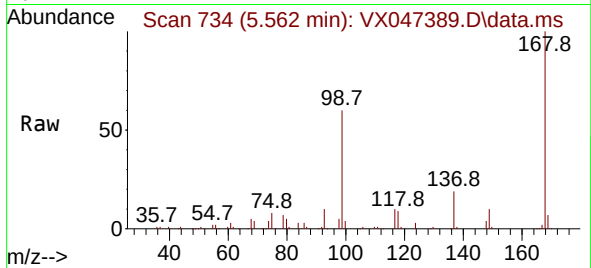




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047389.D
Acq: 18 Aug 2025 17:44

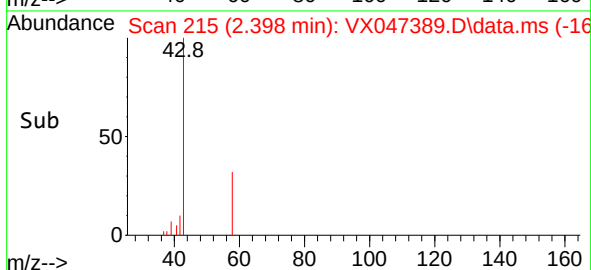
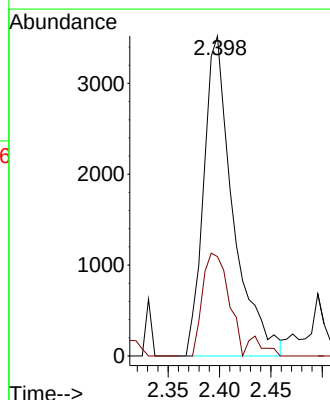
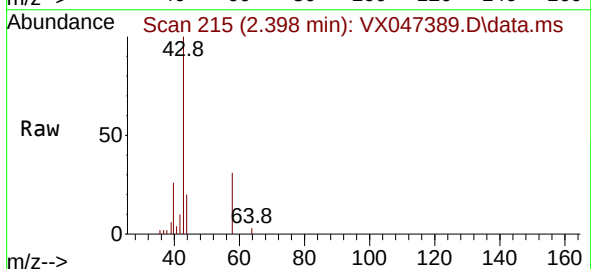
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-N

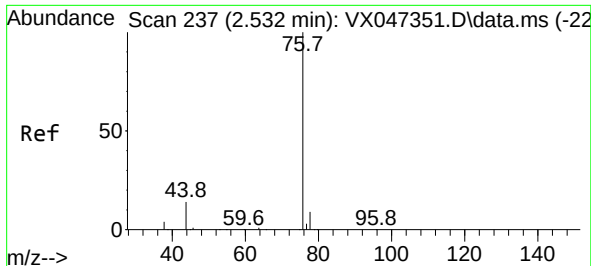
Tgt Ion:168 Resp: 216971
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#16
Acetone
Concen: 6.125 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047389.D
Acq: 18 Aug 2025 17:44

Tgt Ion: 43 Resp: 6991
Ion Ratio Lower Upper
43 100
58 37.9 24.8 37.2#





#17

Carbon Disulfide

Concen: 3.335 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047389.D

Acq: 18 Aug 2025 17:44

Instrument :

MSVOA_X

ClientSampleId :

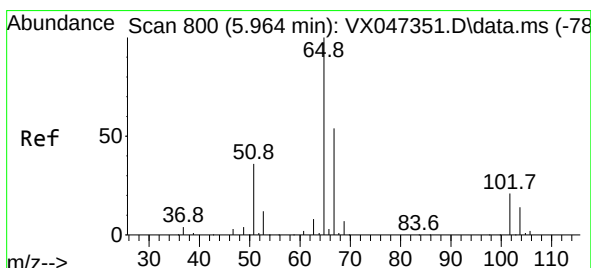
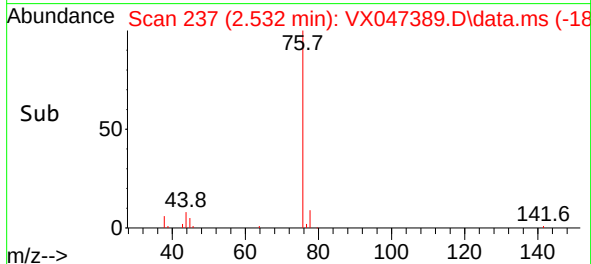
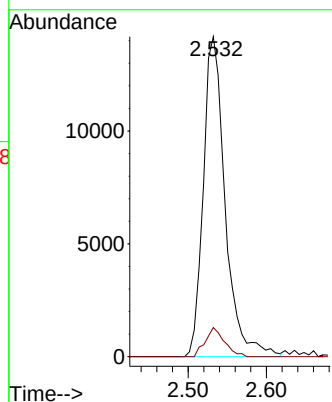
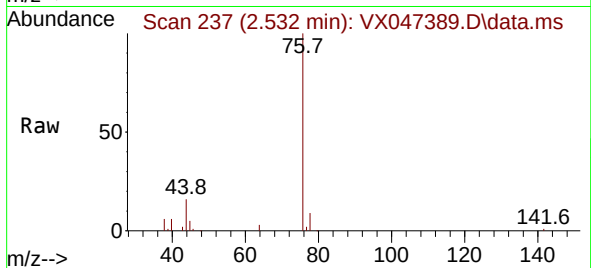
TW-22M-N

Tgt Ion: 76 Resp: 27495

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#33

1,2-Dichloroethane-d4

Concen: 57.180 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047389.D

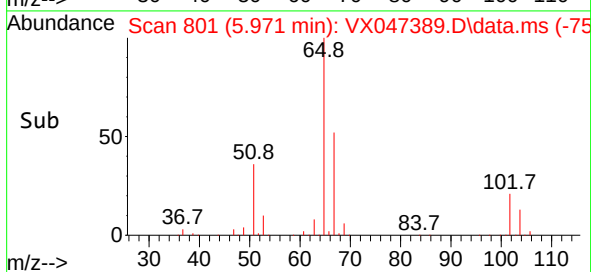
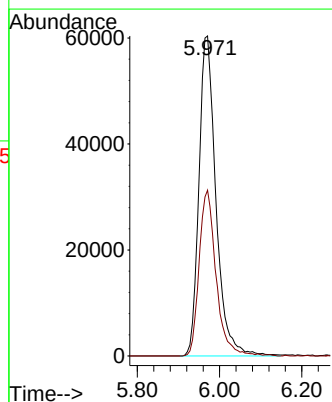
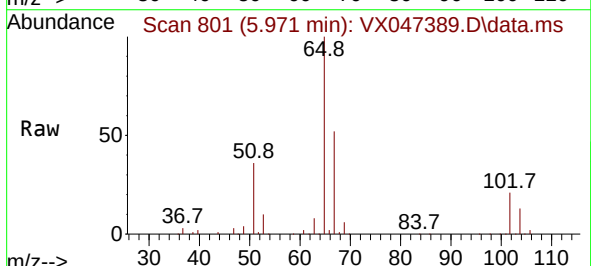
Acq: 18 Aug 2025 17:44

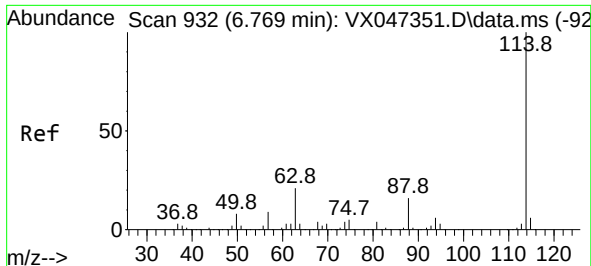
Tgt Ion: 65 Resp: 173632

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.0

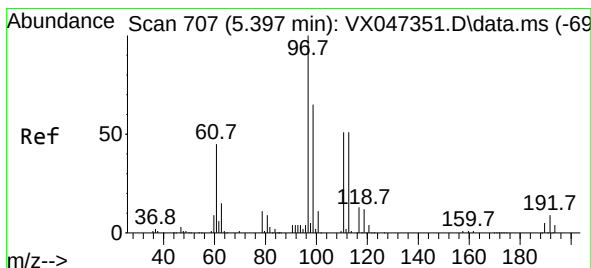
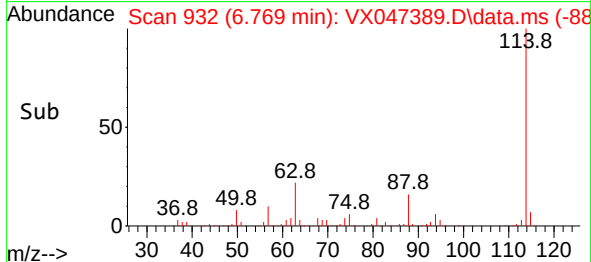
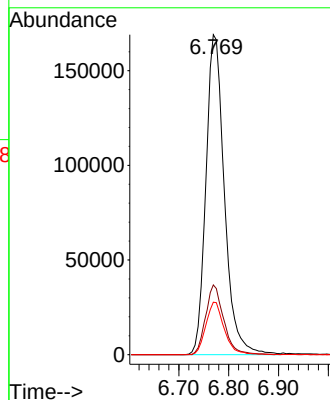
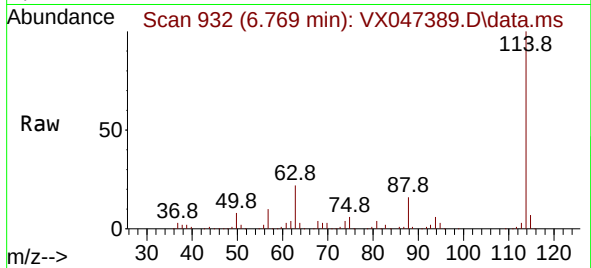




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047389.D
 Acq: 18 Aug 2025 17:44

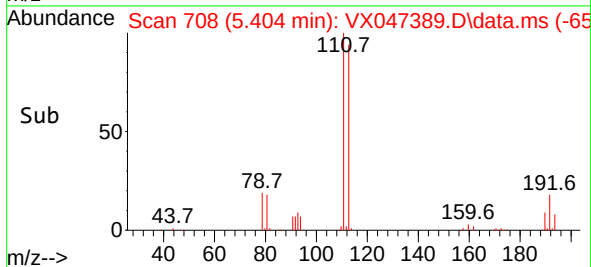
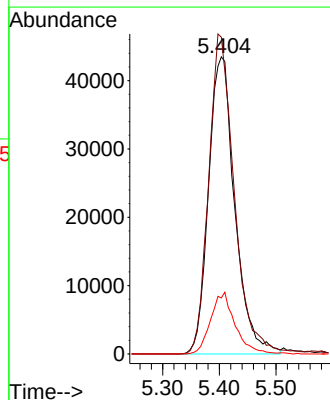
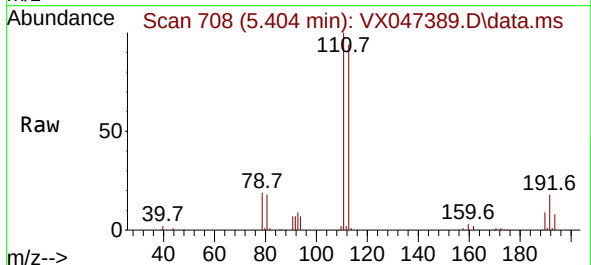
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-N

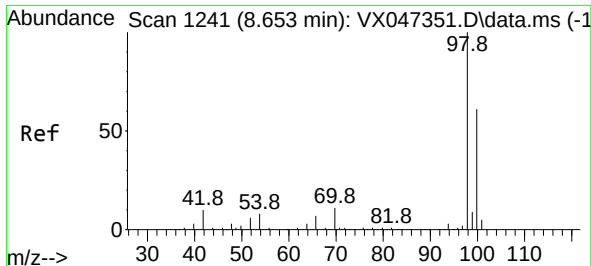
Tgt Ion:114 Resp: 436090
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 49.381 ug/l
 RT: 5.404 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VX047389.D
 Acq: 18 Aug 2025 17:44

Tgt Ion:113 Resp: 139762
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.4 122.2
 192 19.2 14.1 21.1

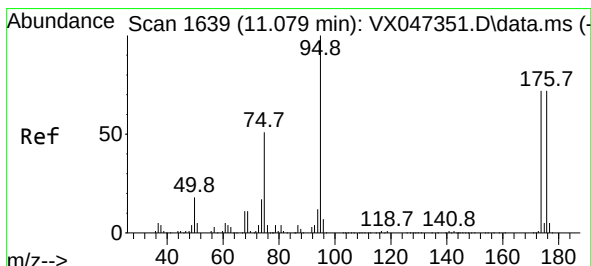
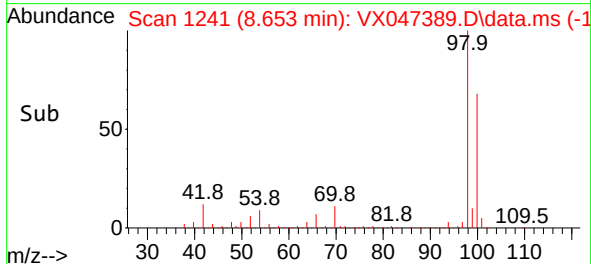
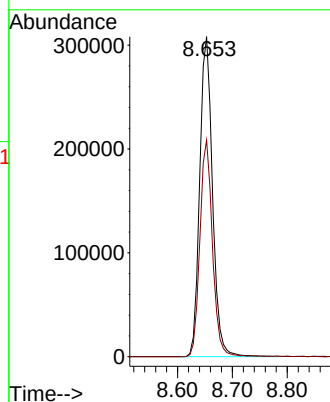
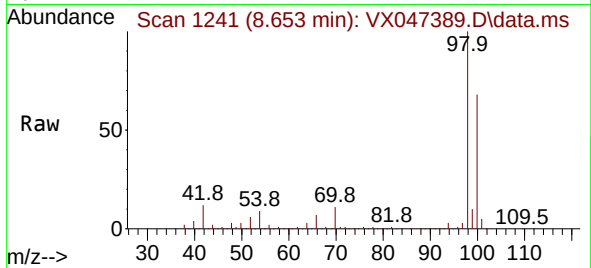




#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047389.D
Acq: 18 Aug 2025 17:44

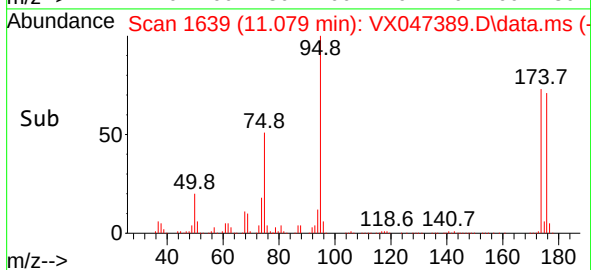
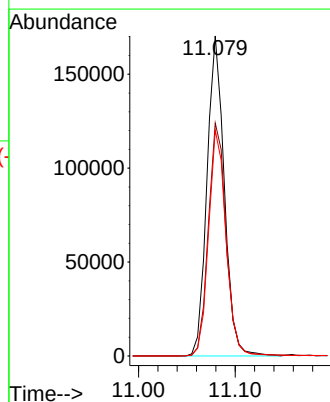
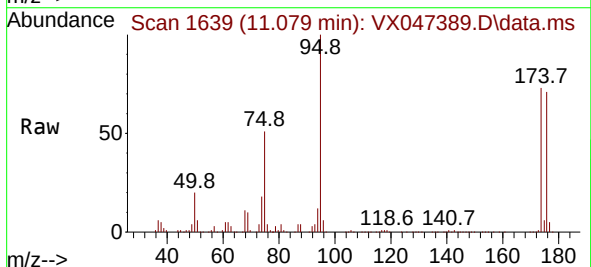
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-N

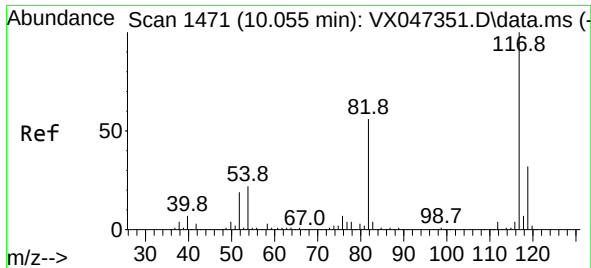
Tgt Ion: 98 Resp: 500774
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047389.D
Acq: 18 Aug 2025 17:44

Tgt Ion: 95 Resp: 212376
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 71.1 0.0 145.4

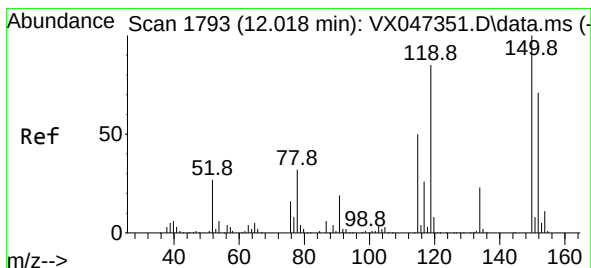
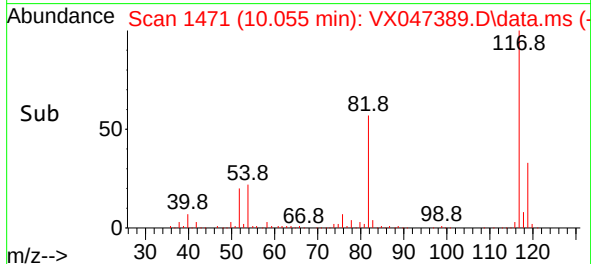
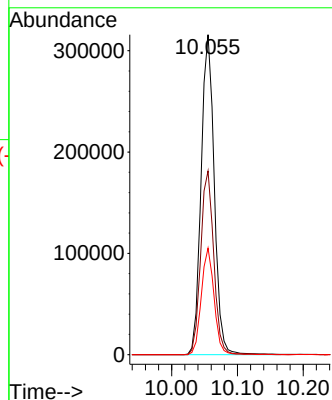
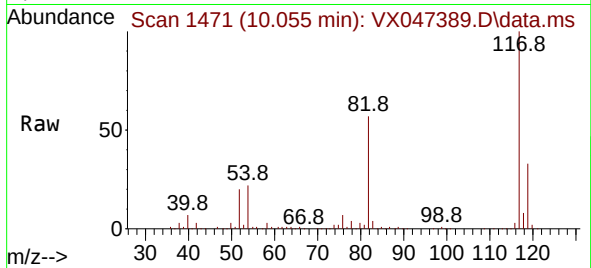




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047389.D
Acq: 18 Aug 2025 17:44

Instrument :
MSVOA_X
ClientSampleId :
TW-22M-N

Tgt Ion:117 Resp: 439636
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 33.3 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: VX047389.D
Acq: 18 Aug 2025 17:44

Tgt Ion:152 Resp: 227147
Ion Ratio Lower Upper
152 100
115 61.9 44.6 133.8
150 156.8 0.0 349.8

