

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047413.D
 Acq On : 19 Aug 2025 15:32
 Operator : JC/MD
 Sample : Q2815-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-11M-E

Quant Time: Aug 20 01:27:59 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)

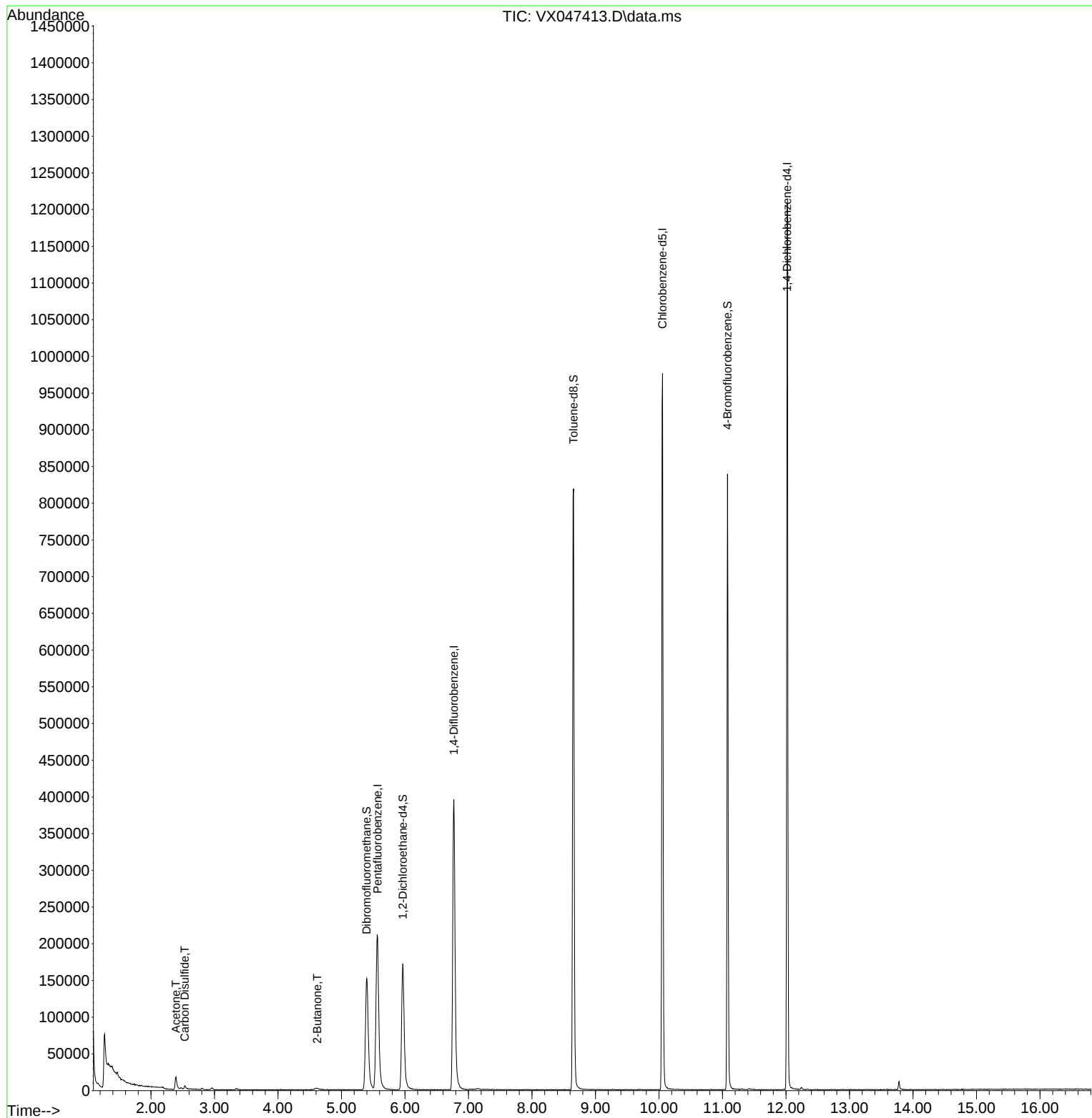
Internal Standards						
1) Pentafluorobenzene	5.568	168	212215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	432856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	233636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	183303	61.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.440%#	
35) Dibromofluoromethane	5.397	113	148199	52.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	8.653	98	509829	50.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	215430	58.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.280%	
Target Compounds						
						Qvalue
16) Acetone	2.392	43	23805	21.324	ug/l	100
17) Carbon Disulfide	2.532	76	4582	0.568	ug/l	96
25) 2-Butanone	4.617	43	5322	3.640	ug/l #	76

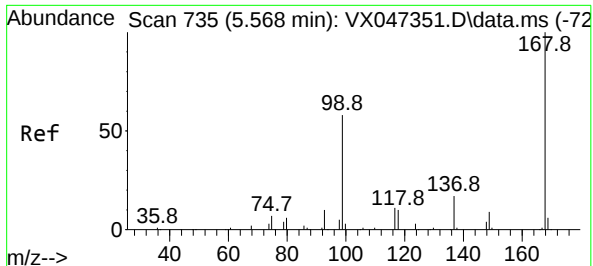
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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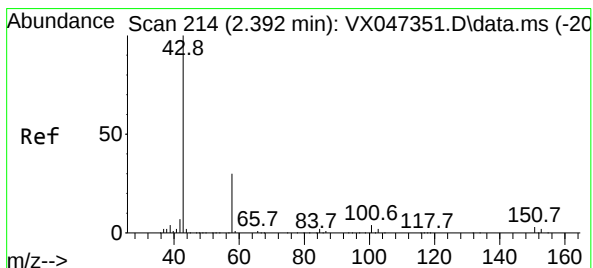
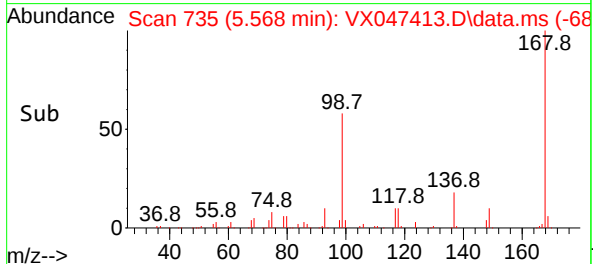
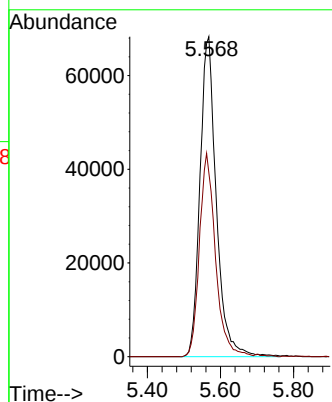
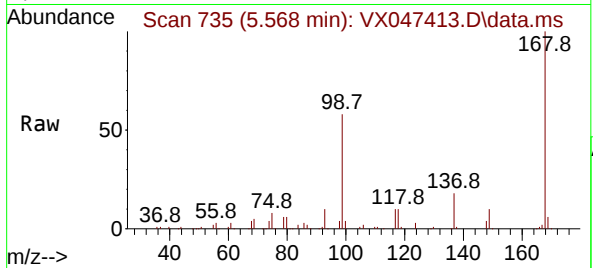




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047413.D
Acq: 19 Aug 2025 15:32

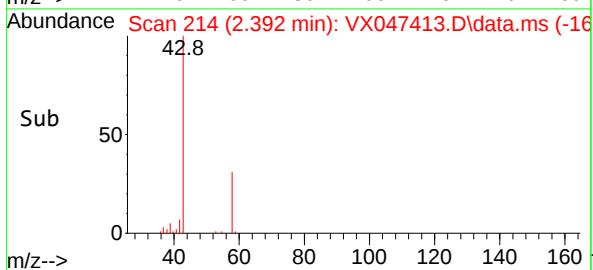
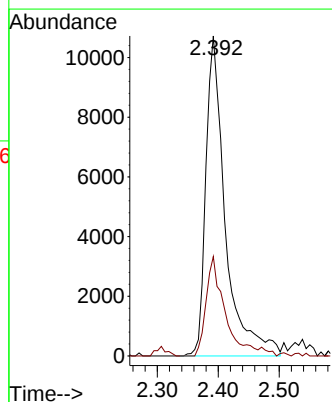
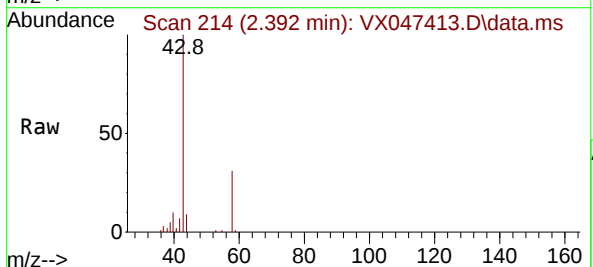
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-E

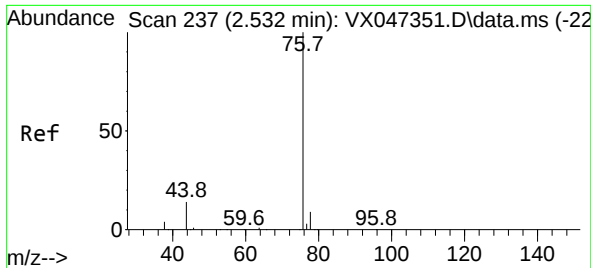
Tgt Ion:168 Resp: 212215
Ion Ratio Lower Upper
168 100
99 57.5 47.9 71.9



#16
Acetone
Concen: 21.324 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047413.D
Acq: 19 Aug 2025 15:32

Tgt Ion: 43 Resp: 23805
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2

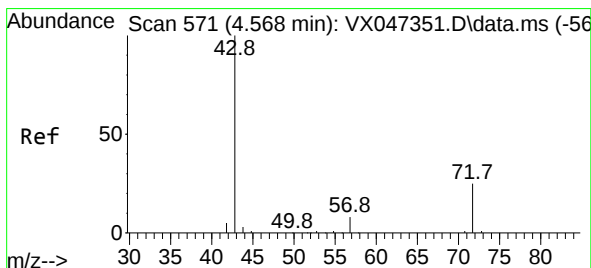
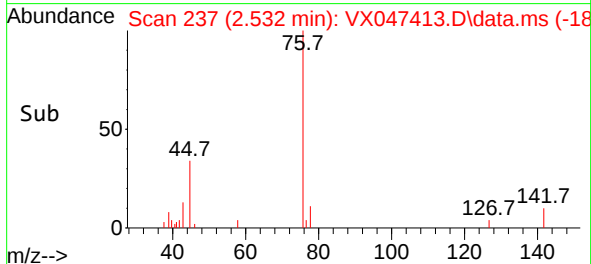
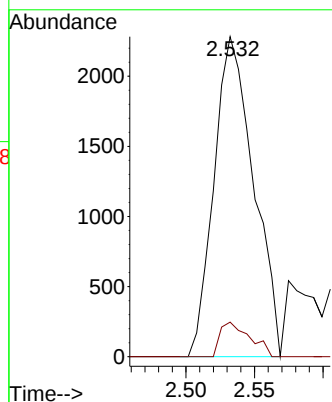
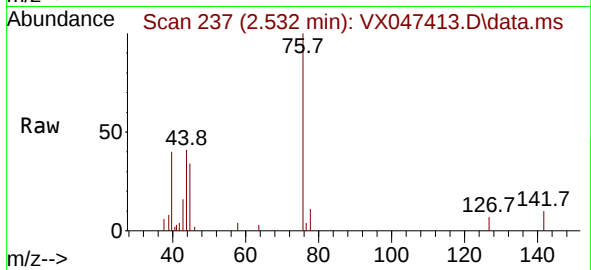




#17
Carbon Disulfide
Concen: 0.568 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047413.D
Acq: 19 Aug 2025 15:32

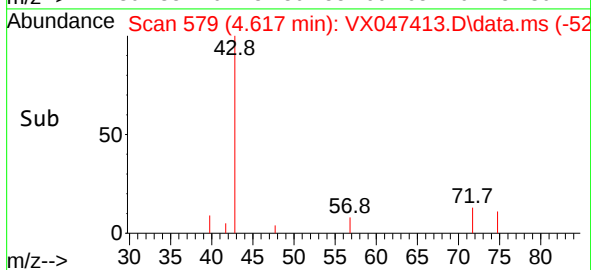
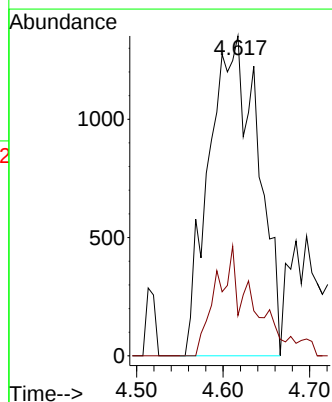
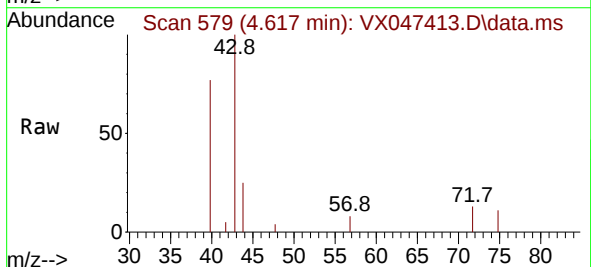
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-E

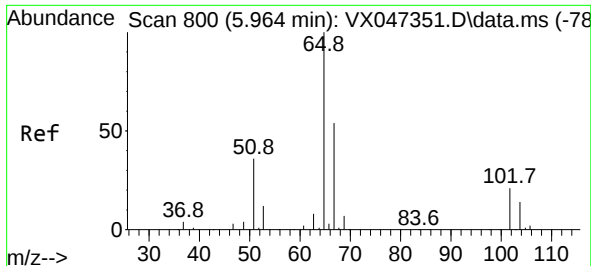
Tgt Ion: 76 Resp: 4582
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#25
2-Butanone
Concen: 3.640 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX047413.D
Acq: 19 Aug 2025 15:32

Tgt Ion: 43 Resp: 5322
Ion Ratio Lower Upper
43 100
72 12.6 19.8 29.8#





#33

1,2-Dichloroethane-d4

Concen: 61.718 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047413.D

Acq: 19 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

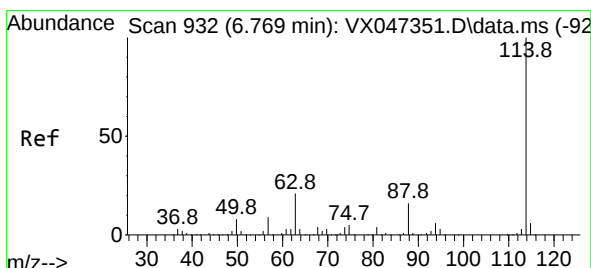
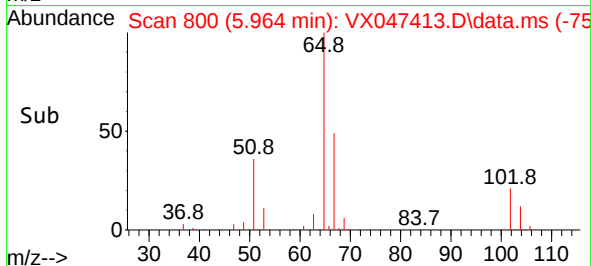
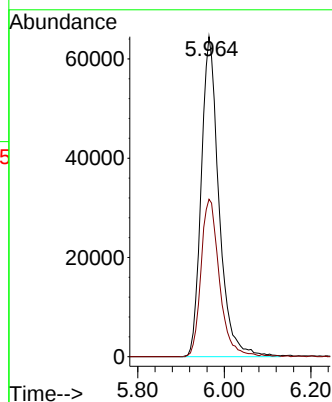
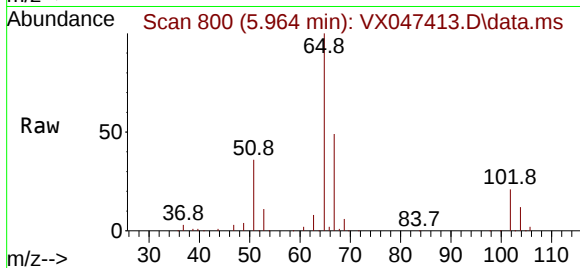
TW-11M-E

Tgt Ion: 65 Resp: 183303

Ion Ratio Lower Upper

65 100

67 51.0 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: VX047413.D

Acq: 19 Aug 2025 15:32

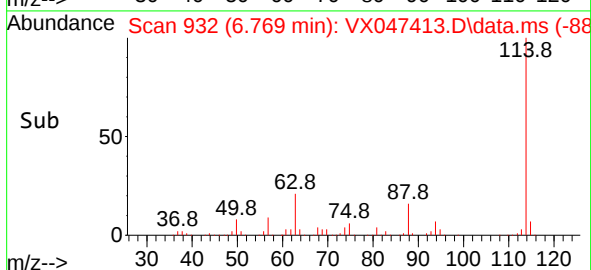
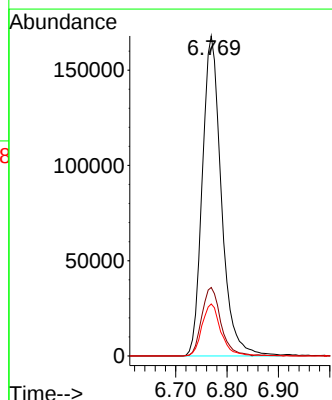
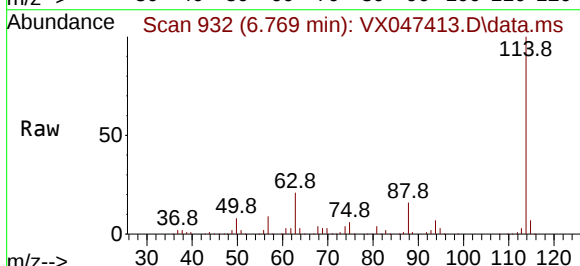
Tgt Ion: 114 Resp: 432856

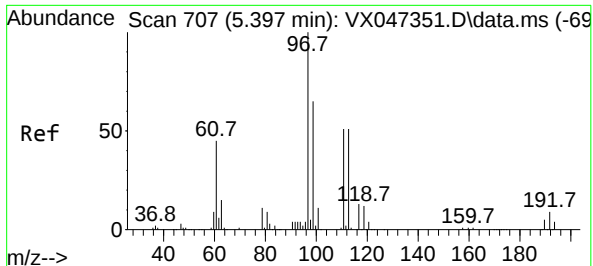
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.753 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047413.D

Acq: 19 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

TW-11M-E

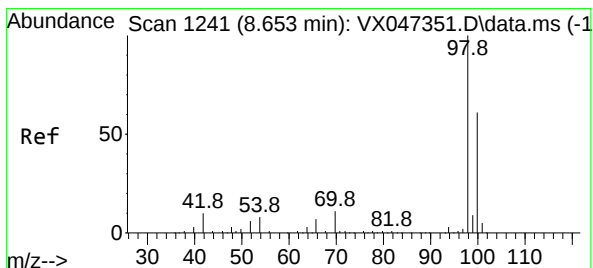
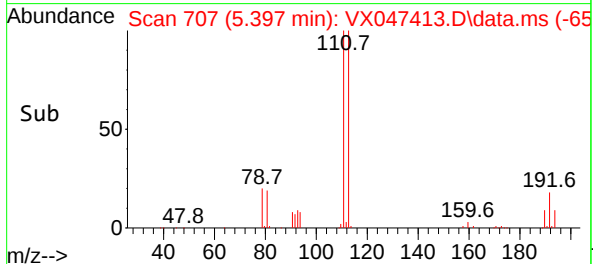
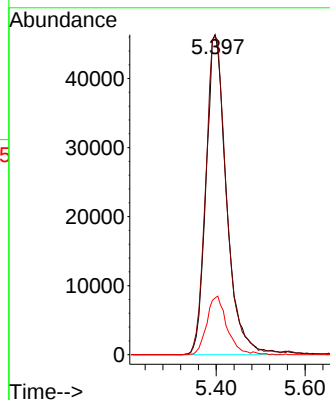
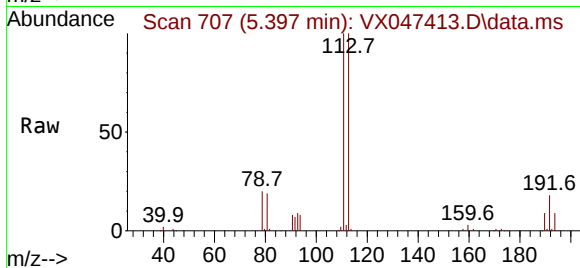
Tgt Ion:113 Resp: 148199

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.2

192 17.8 14.1 21.1



#50

Toluene-d8

Concen: 50.774 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047413.D

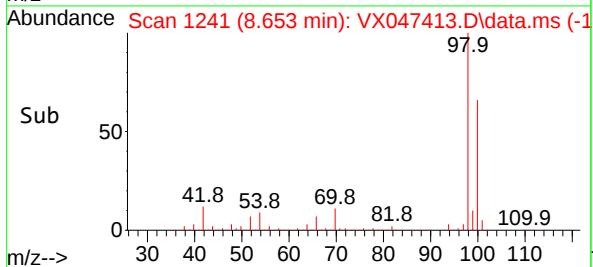
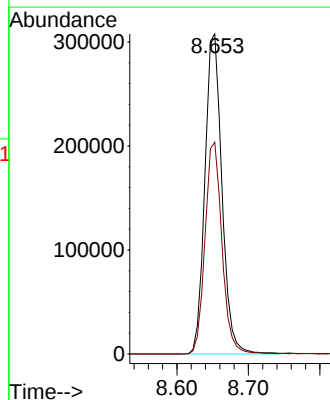
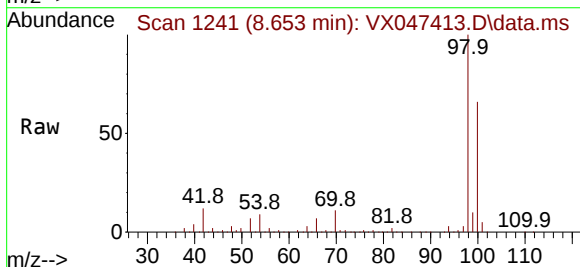
Acq: 19 Aug 2025 15:32

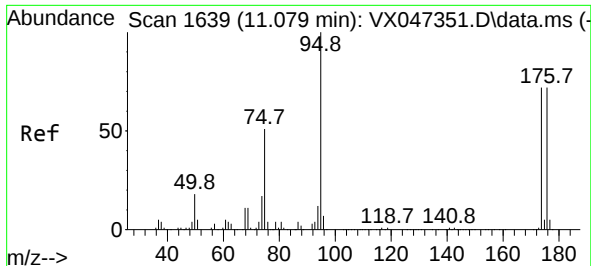
Tgt Ion: 98 Resp: 509829

Ion Ratio Lower Upper

98 100

100 65.8 53.9 80.9

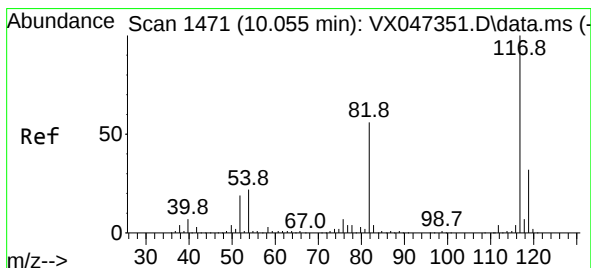
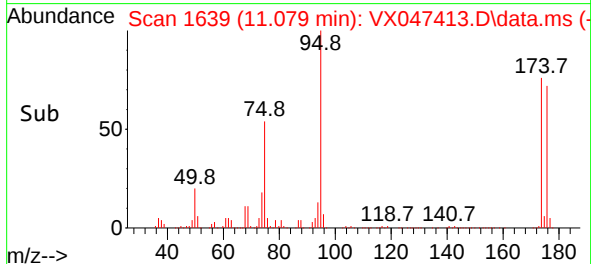
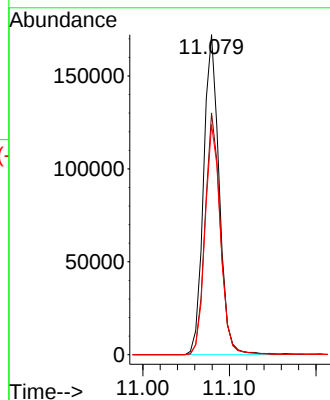
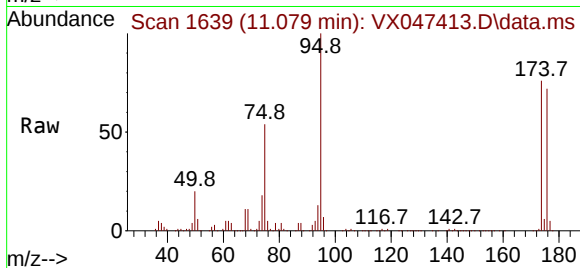




#62
4-Bromofluorobenzene
Concen: 58.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047413.D
Acq: 19 Aug 2025 15:32

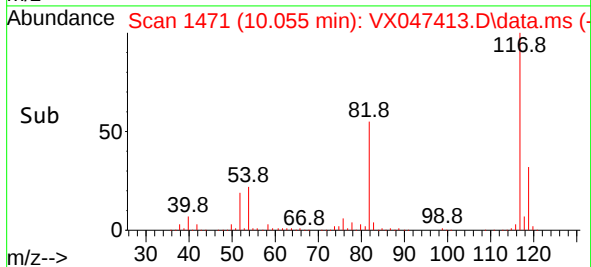
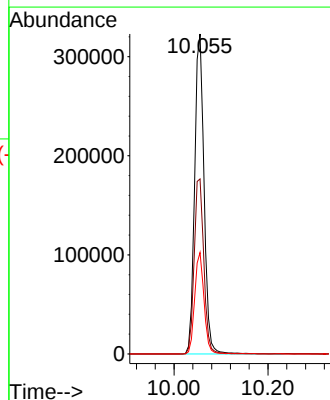
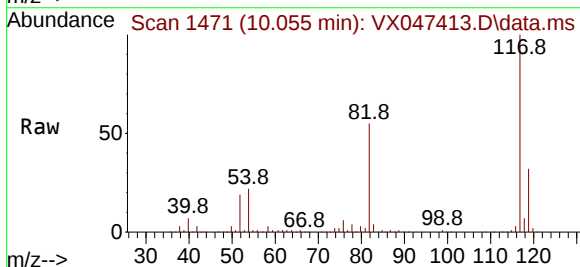
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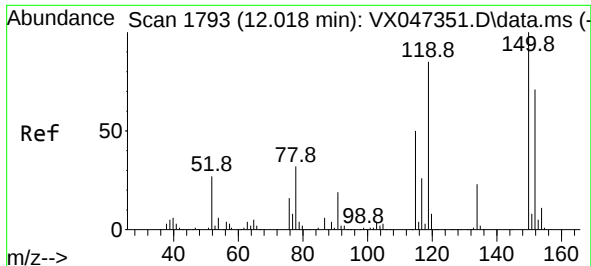
Tgt Ion: 95 Resp: 215430
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047413.D
Acq: 19 Aug 2025 15:32

Tgt Ion: 117 Resp: 449898
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.7 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: VX047413.D

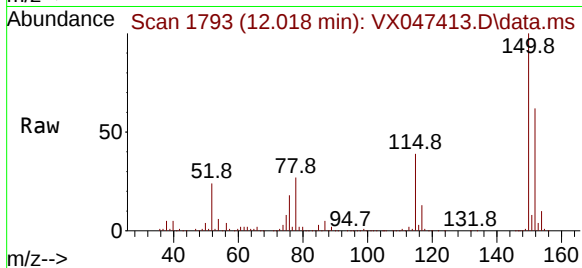
Acq: 19 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

TW-11M-E



Tgt Ion:152 Resp: 233636

Ion Ratio Lower Upper

152 100

115 61.4 44.6 133.8

150 157.3 0.0 349.8

