

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047412.D
 Acq On : 19 Aug 2025 15:11
 Operator : JC/MD
 Sample : Q2815-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-11M-W

Quant Time: Aug 20 01:27:33 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)

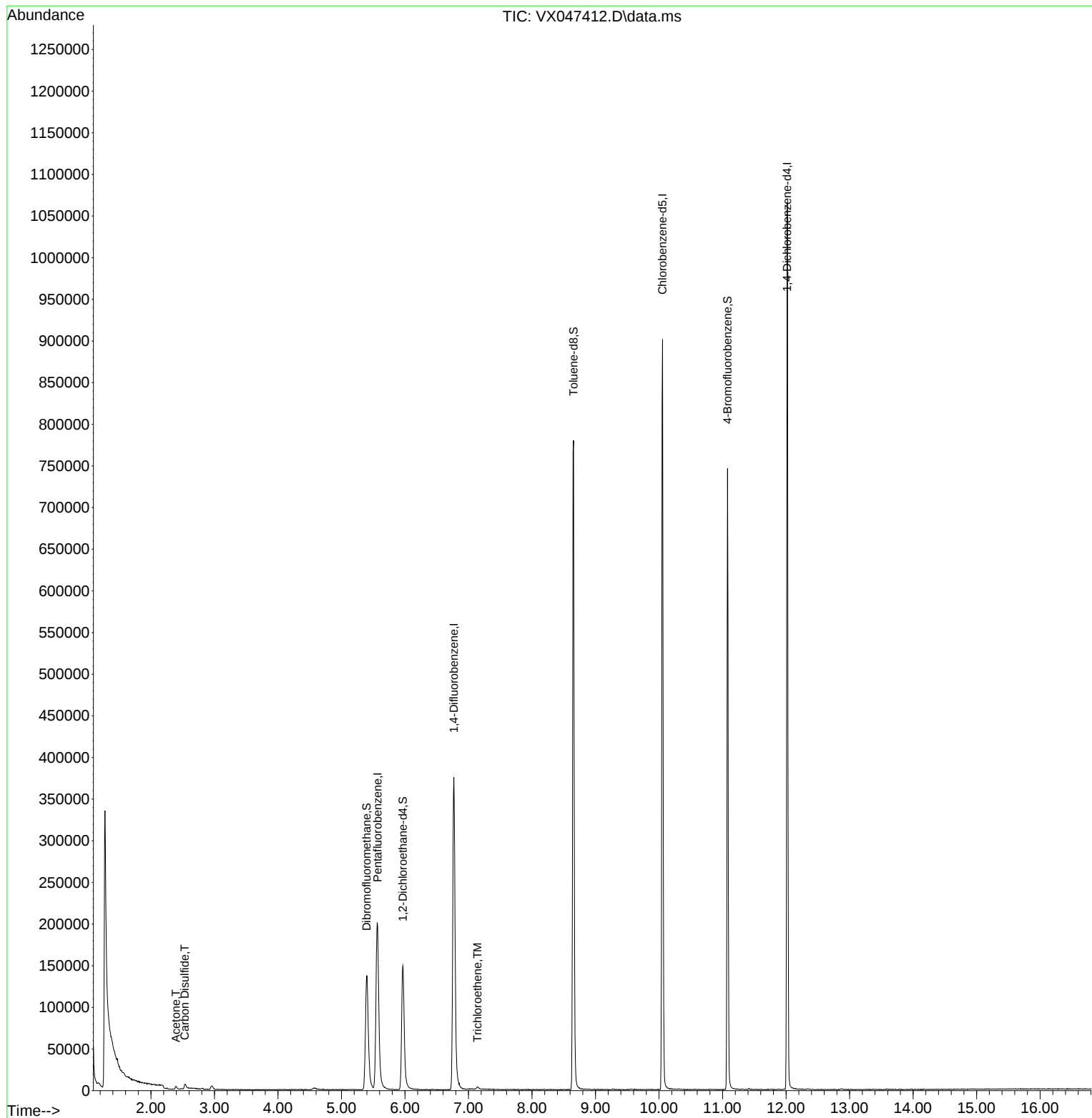
Internal Standards						
1) Pentafluorobenzene	5.568	168	205245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	410791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160690	55.941	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.880%
35) Dibromofluoromethane	5.397	113	134529	50.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	8.653	98	473845	49.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.079	95	195878	55.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.400%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	5802	5.374	ug/l	# 75
17) Carbon Disulfide	2.532	76	5355	0.687	ug/l	97
44) Trichloroethene	7.141	130	1369	0.424	ug/l	77

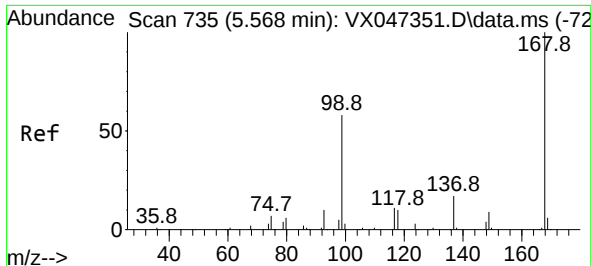
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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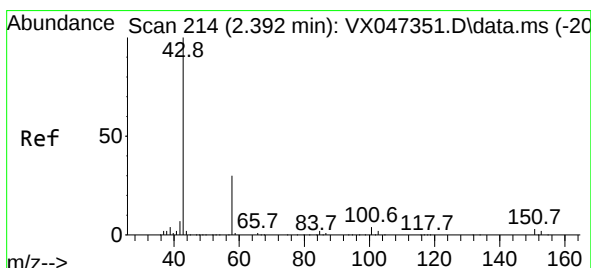
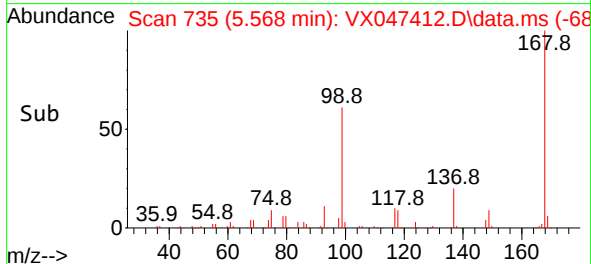
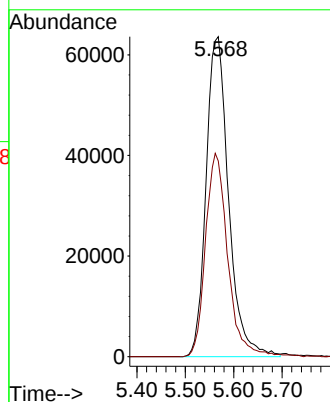
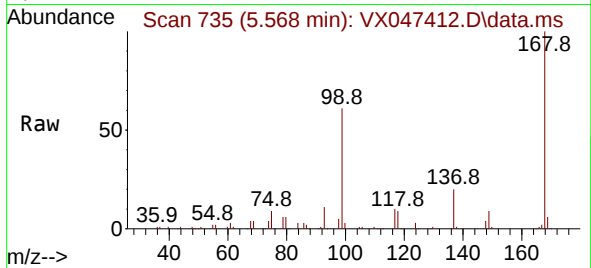




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

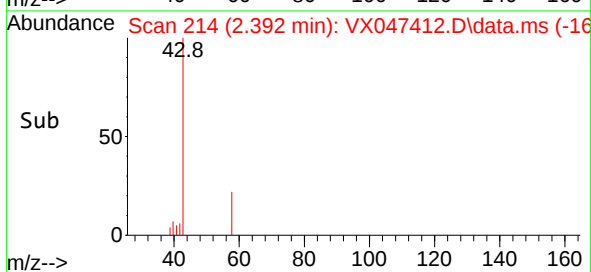
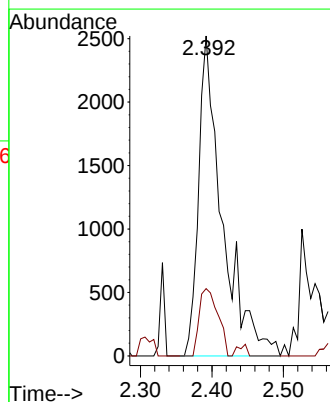
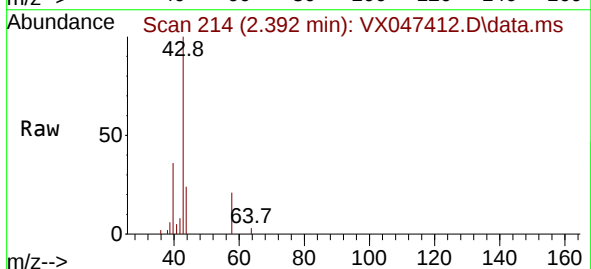
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-W

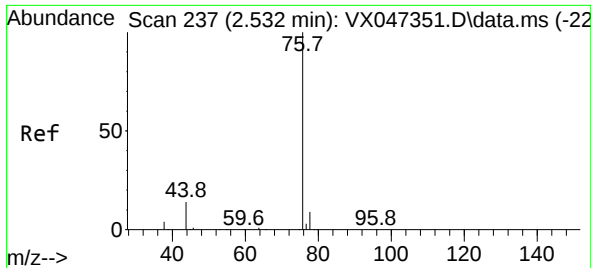
Tgt Ion:168 Resp: 205245
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9



#16
Acetone
Concen: 5.374 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
58 17.0 24.8 37.2#

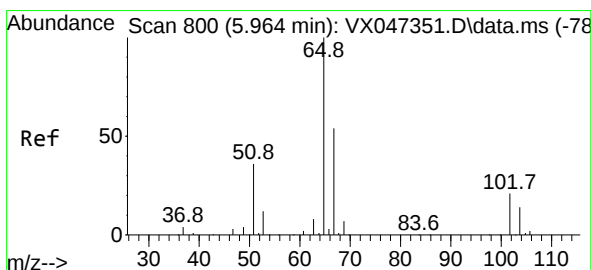
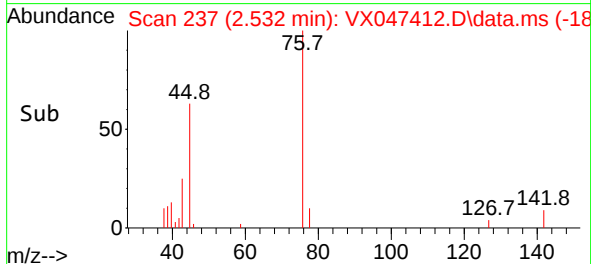
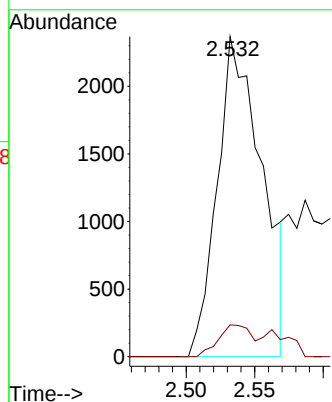
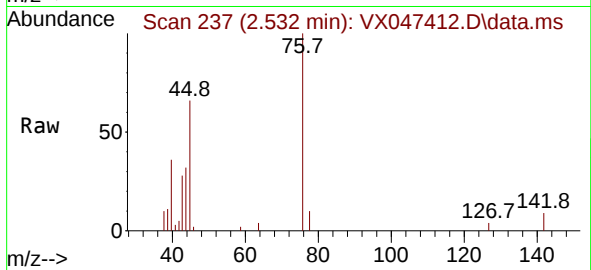




#17
Carbon Disulfide
Concen: 0.687 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

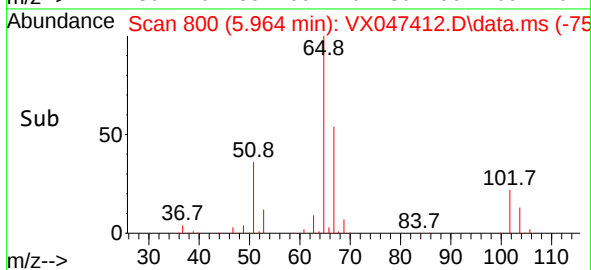
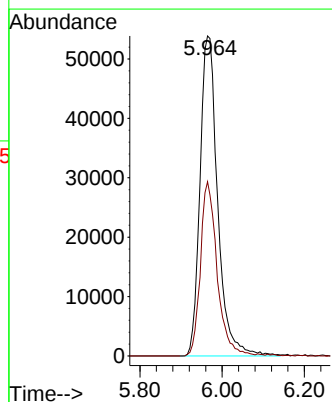
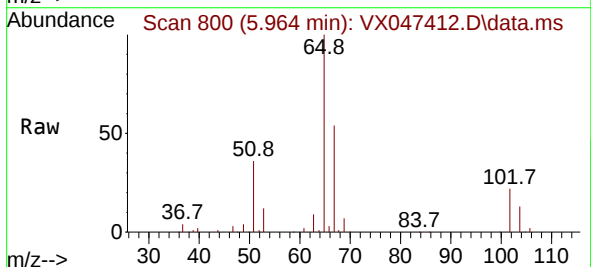
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-W

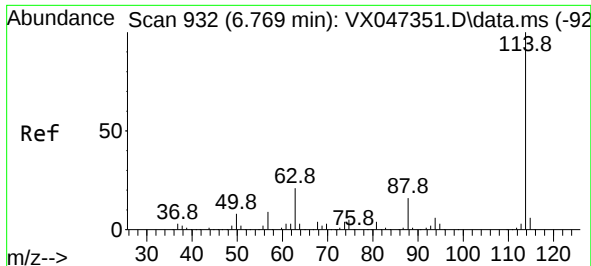
Tgt Ion: 76 Resp: 5355
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 55.941 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

Tgt Ion: 65 Resp: 160690
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

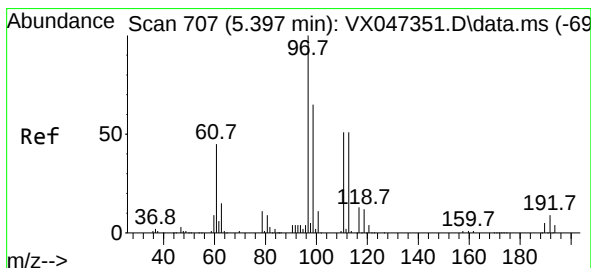
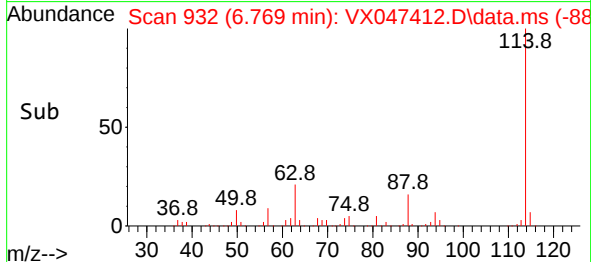
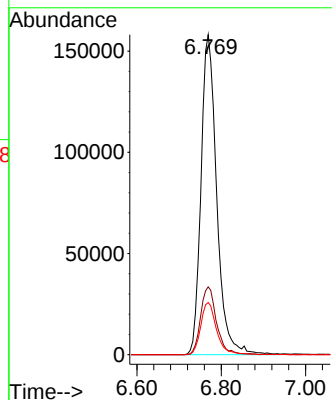
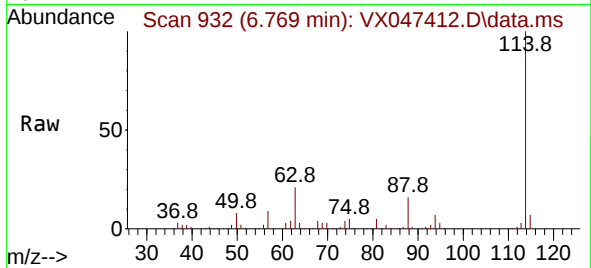




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047412.D
 Acq: 19 Aug 2025 15:11

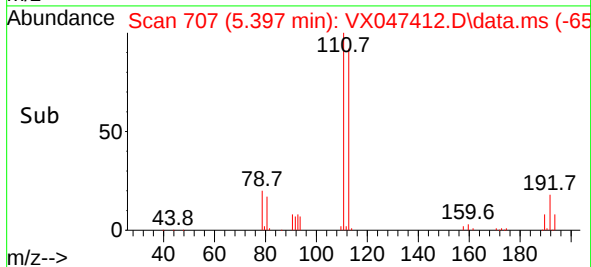
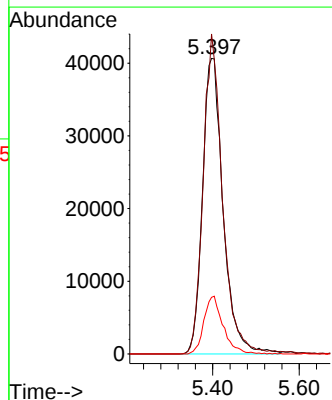
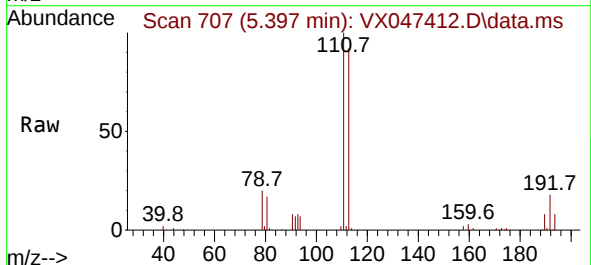
Instrument :
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 TW-11M-W

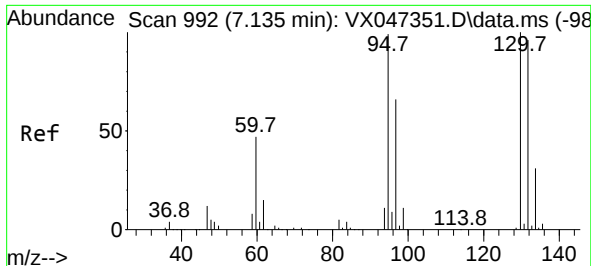
Tgt Ion:114 Resp: 410791
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.3 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.460 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047412.D
 Acq: 19 Aug 2025 15:11

Tgt Ion:113 Resp: 134529
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.2
 192 18.2 14.1 21.1

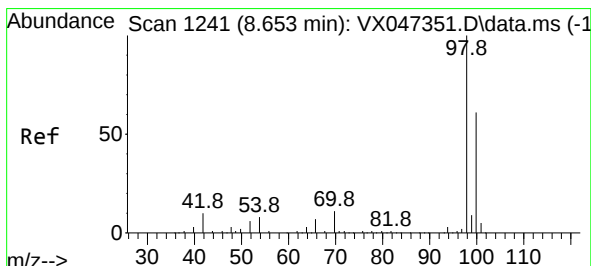
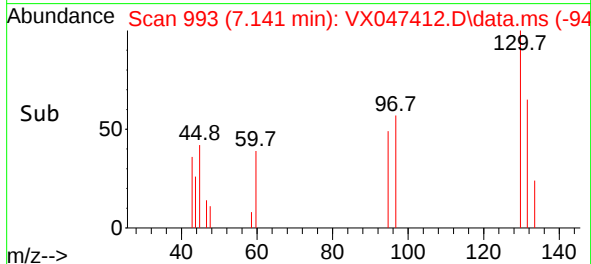
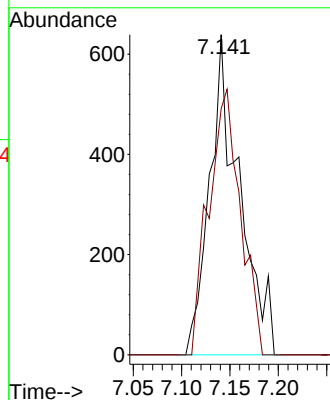
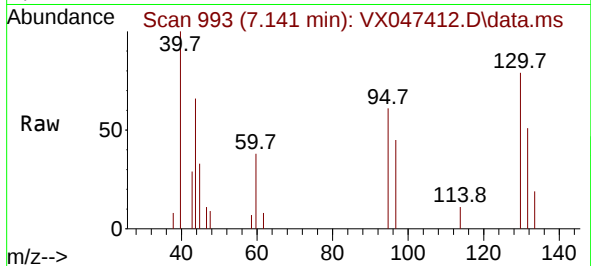




#44
Trichloroethene
Concen: 0.424 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

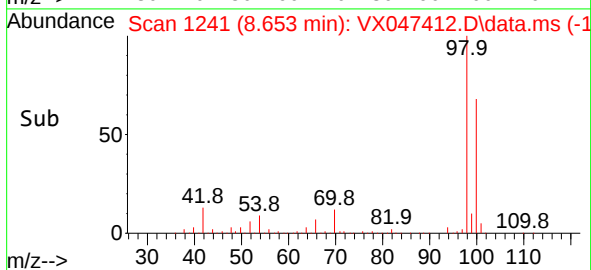
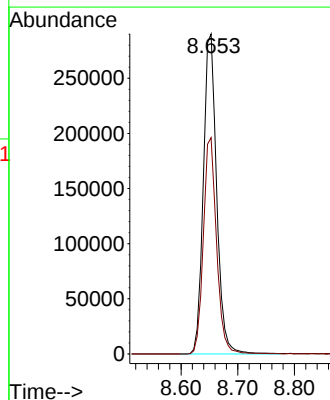
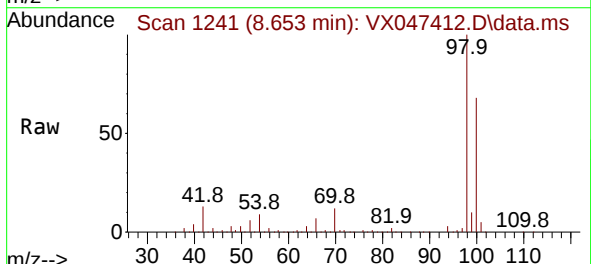
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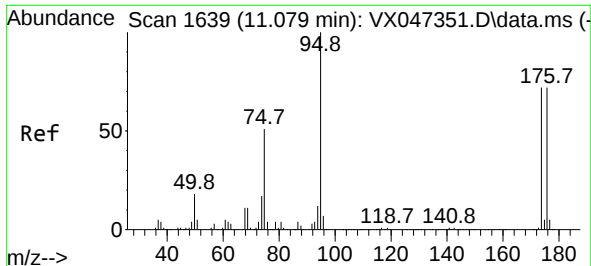
Tgt Ion:130 Resp: 1369
Ion Ratio Lower Upper
130 100
95 76.8 0.0 198.6



#50
Toluene-d8
Concen: 49.725 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

Tgt Ion: 98 Resp: 473845
Ion Ratio Lower Upper
98 100
100 67.1 53.9 80.9

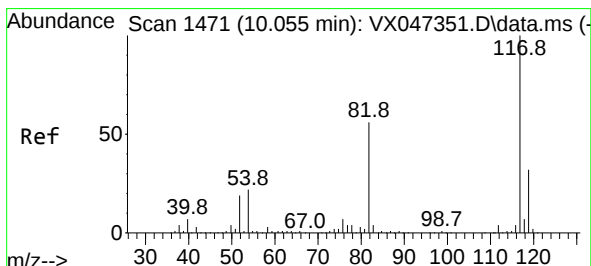
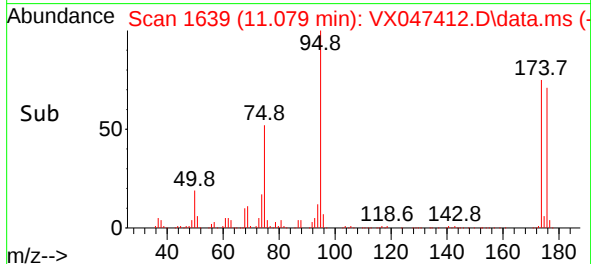
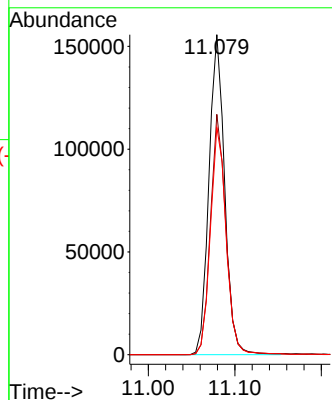
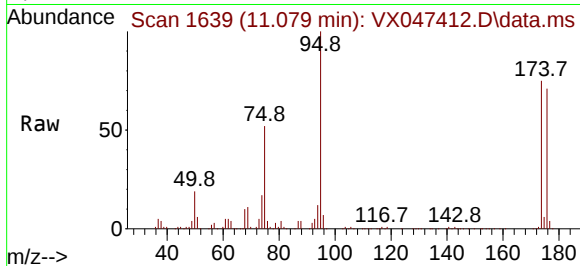




#62
4-Bromofluorobenzene
Concen: 55.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

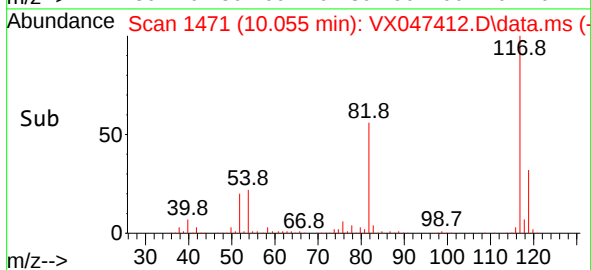
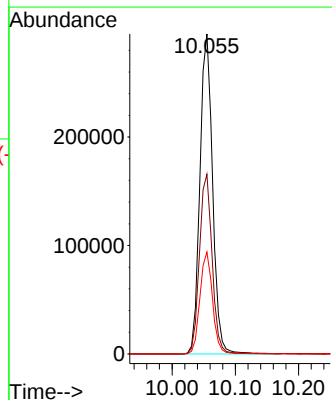
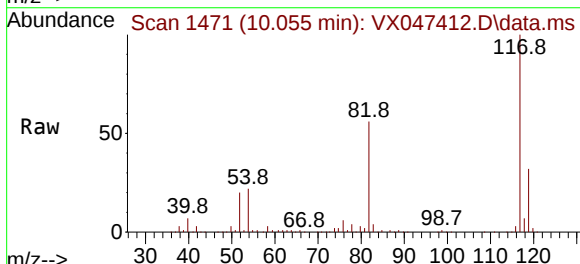
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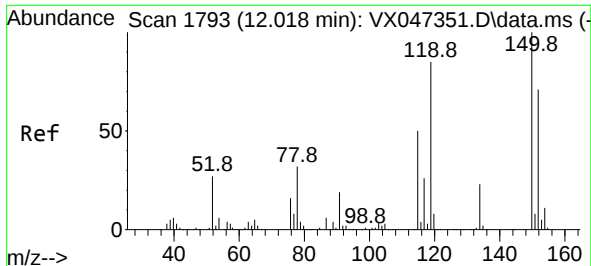
Tgt Ion: 95 Resp: 195878
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047412.D
Acq: 19 Aug 2025 15:11

Tgt Ion: 117 Resp: 412728
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.8 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: VX047412.D

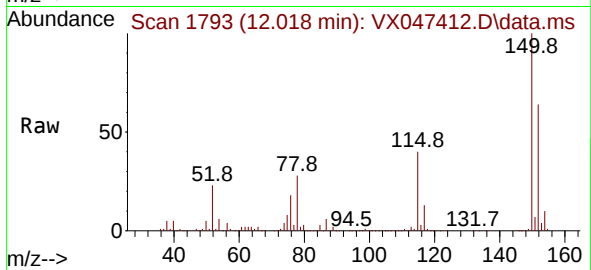
Acq: 19 Aug 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

TW-11M-W



Tgt Ion:152 Resp: 211590

Ion Ratio Lower Upper

152 100

115 61.8 44.6 133.8

150 157.3 0.0 349.8

