

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047407.D
 Acq On : 19 Aug 2025 13:20
 Operator : JC/MD
 Sample : Q2815-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-SRE

Quant Time: Aug 20 01:25:43 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	215007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	423090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	213885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163703	54.403	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.800%
35) Dibromofluoromethane	5.397	113	142384	51.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	8.653	98	520126	52.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.000%
62) 4-Bromofluorobenzene	11.079	95	213718	59.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.020%

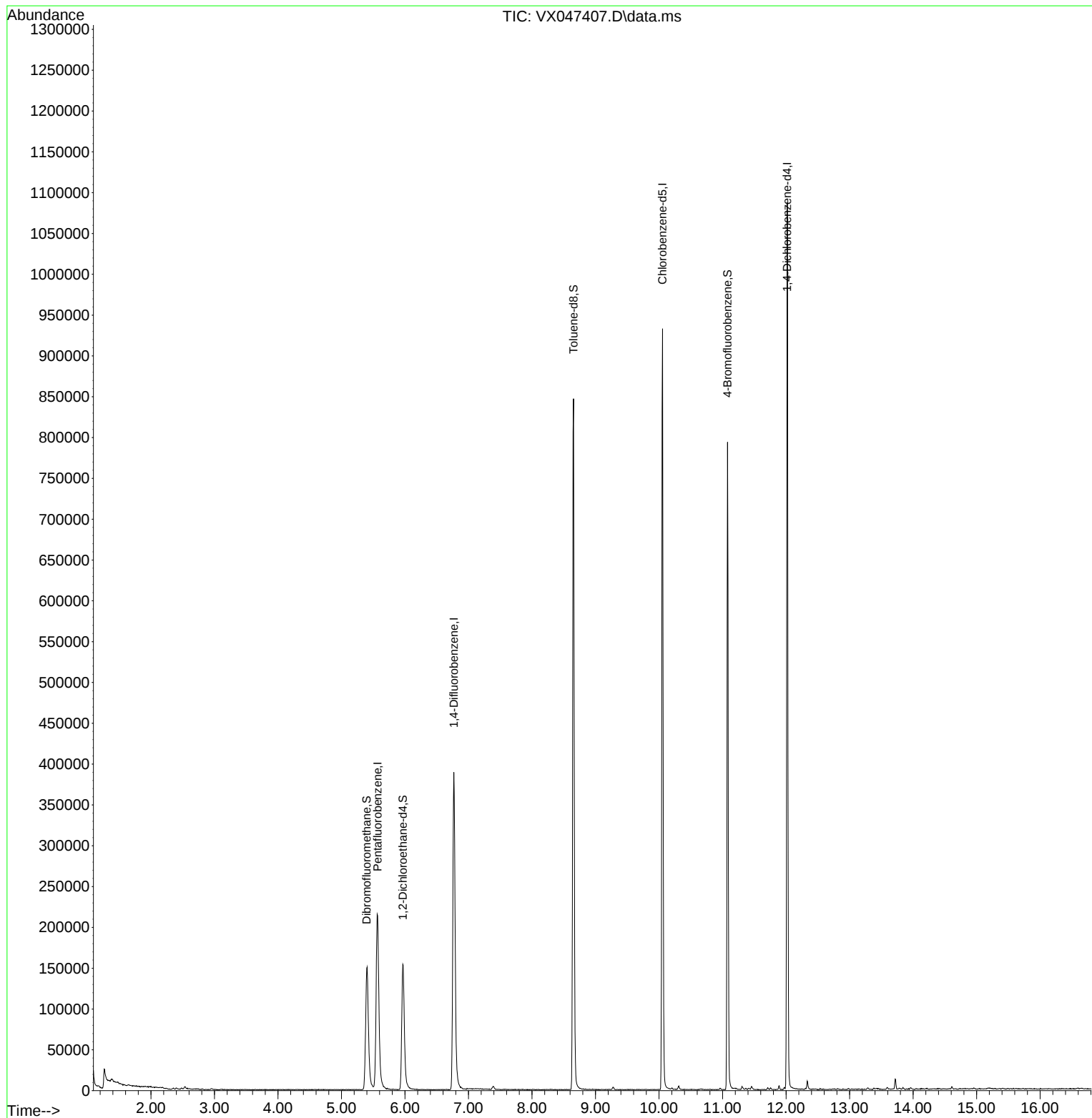
Target Compounds	Qvalue

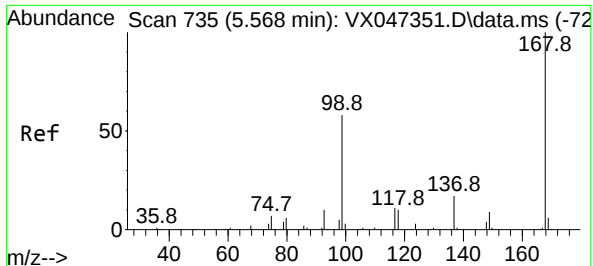
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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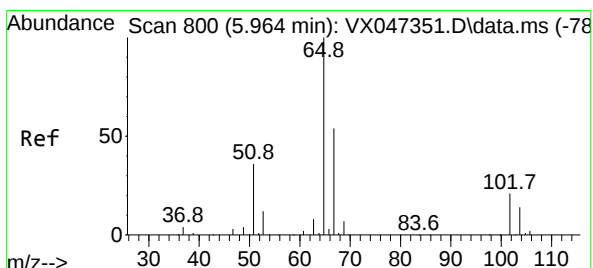
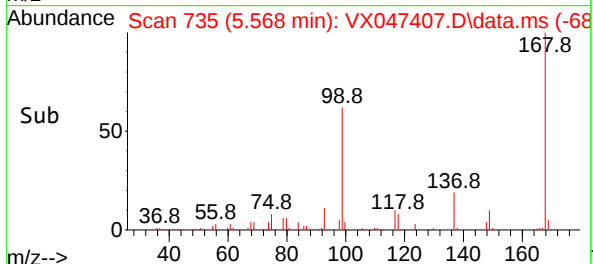
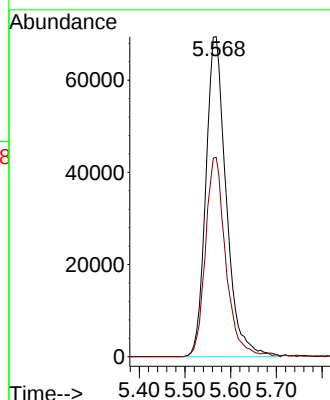
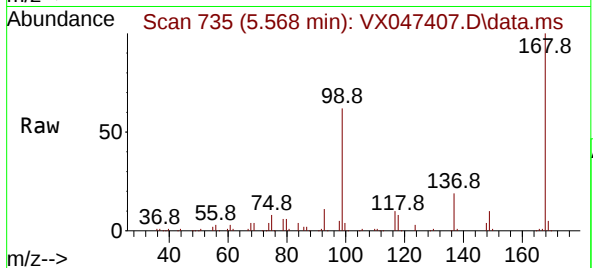




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

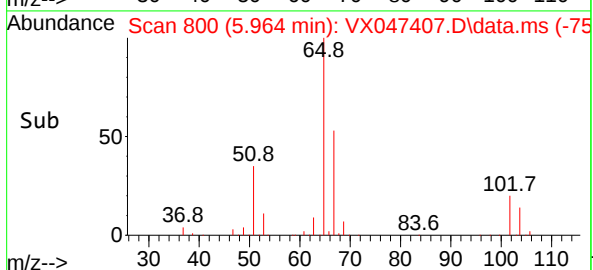
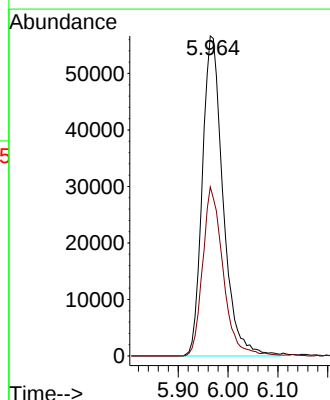
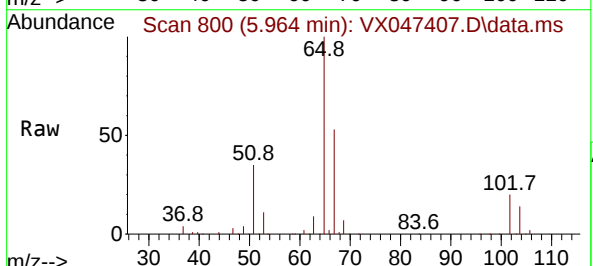
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

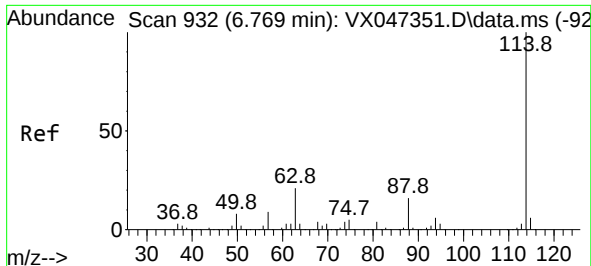
Tgt Ion:168 Resp: 215007
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 54.403 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 65 Resp: 163703
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

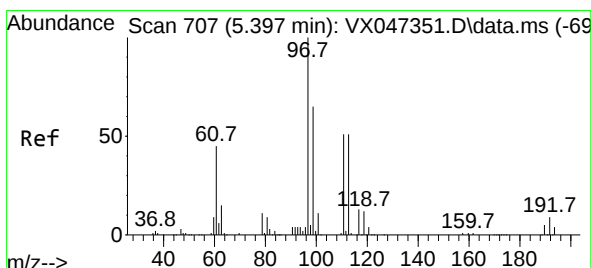
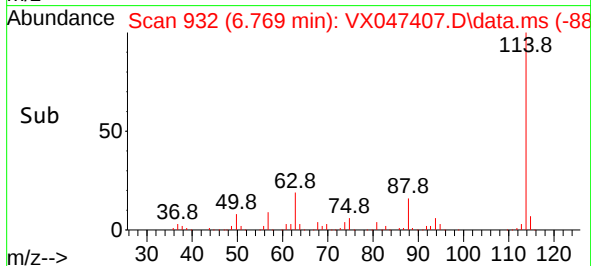
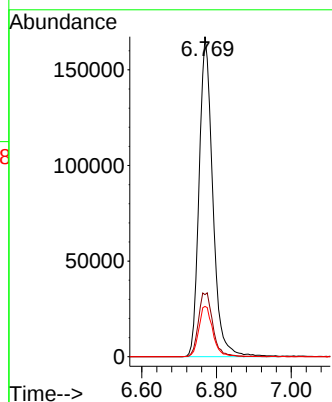
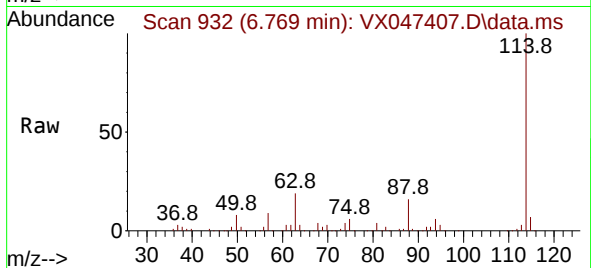




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047407.D
 Acq: 19 Aug 2025 13:20

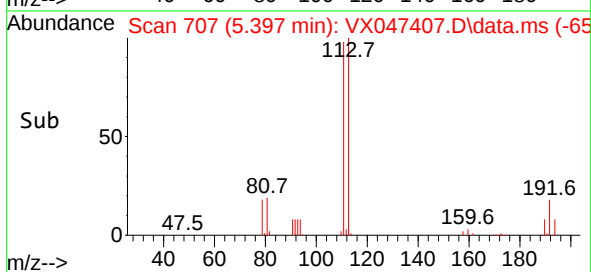
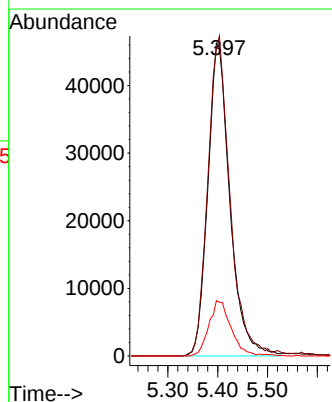
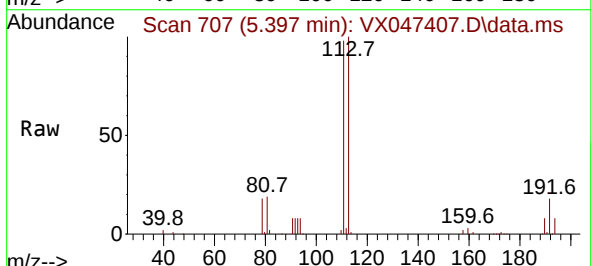
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 ClientSampleId :
 TW-17M-SRE

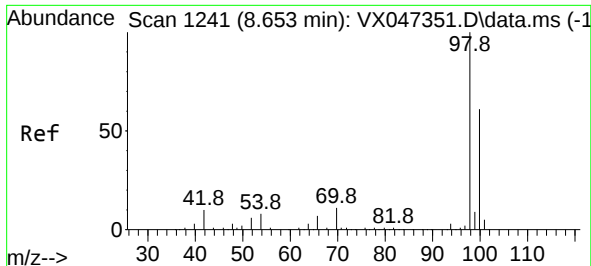
Tgt Ion:114 Resp: 423090
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.7 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 51.853 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047407.D
 Acq: 19 Aug 2025 13:20

Tgt Ion:113 Resp: 142384
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.2
 192 17.9 14.1 21.1

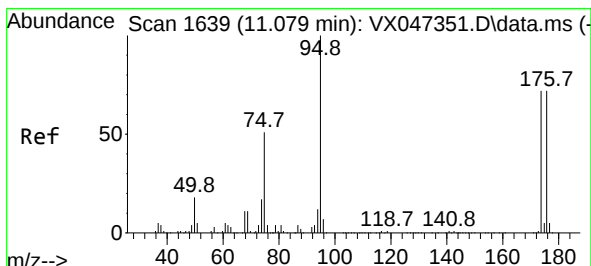
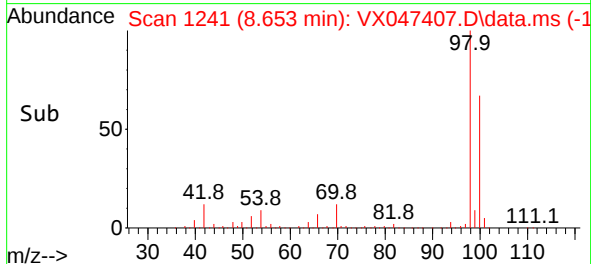
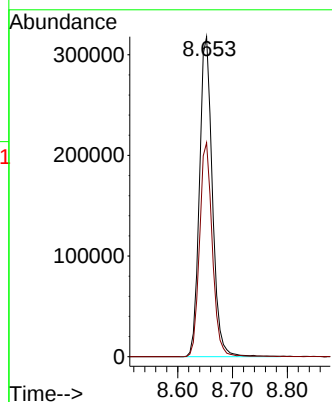
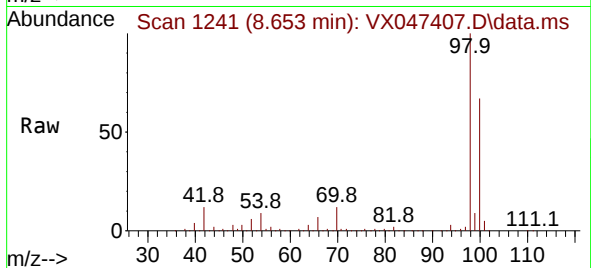




#50
Toluene-d8
Concen: 52.995 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

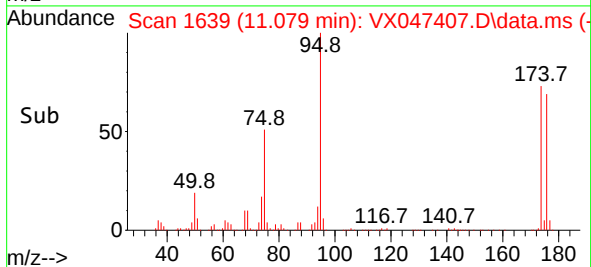
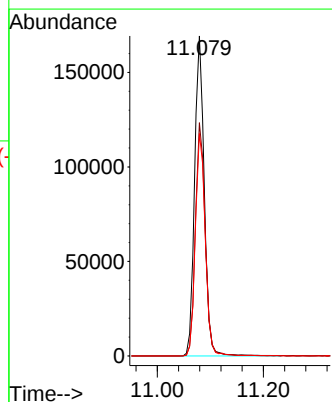
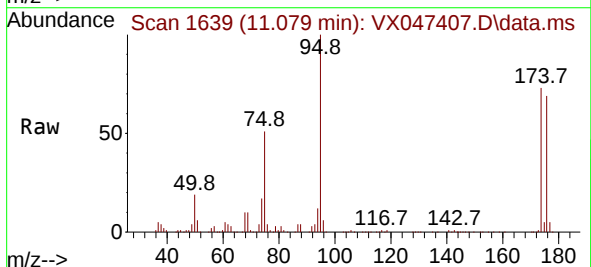
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

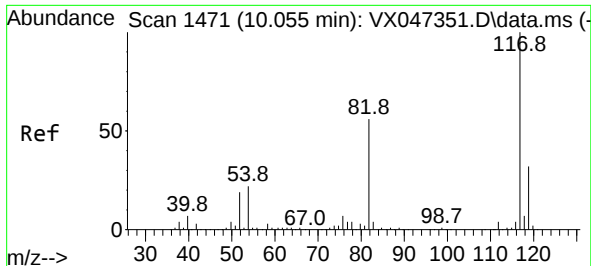
Tgt Ion: 98 Resp: 520126
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 59.009 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion: 95 Resp: 213718
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 71.1 0.0 145.4

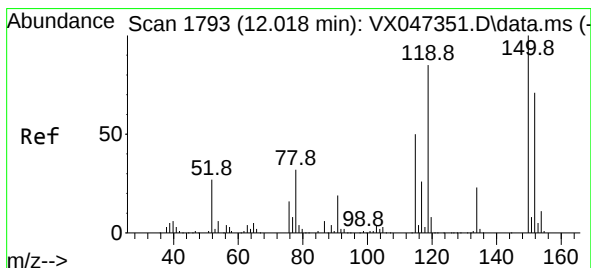
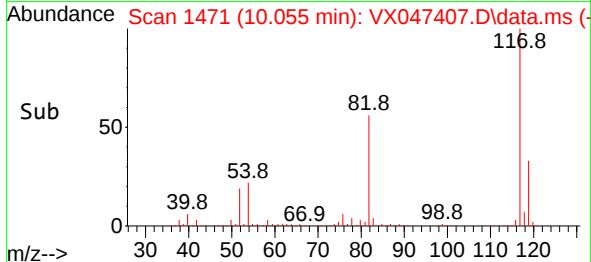
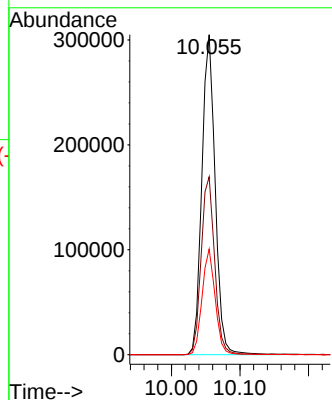
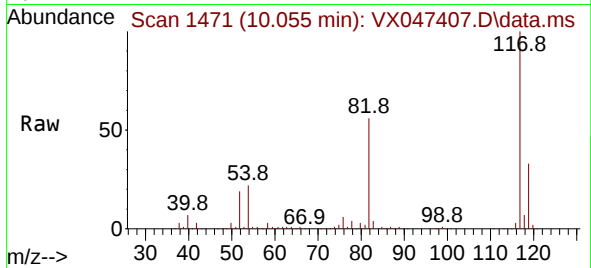




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047407.D
Acq: 19 Aug 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
TW-17M-SRE

Tgt Ion:117 Resp: 413847
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 33.0 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: VX047407.D
Acq: 19 Aug 2025 13:20

Tgt Ion:152 Resp: 213885
Ion Ratio Lower Upper
152 100
115 61.9 44.6 133.8
150 156.8 0.0 349.8

