

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047380.D
 Acq On : 18 Aug 2025 14:31
 Operator : JC/MD
 Sample : Q2815-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-S

Quant Time: Aug 19 01:42:58 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)

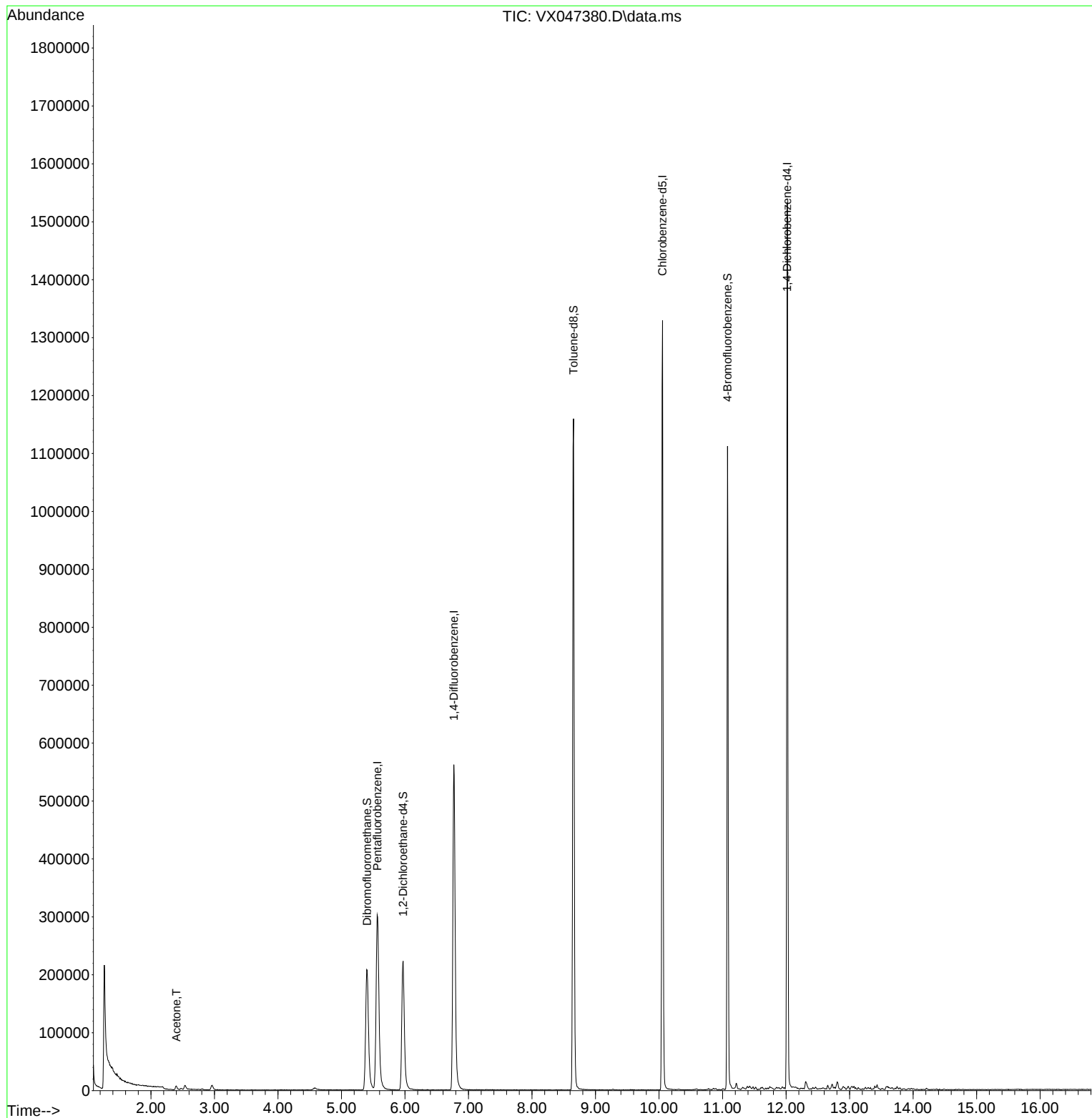
Internal Standards						
1) Pentafluorobenzene	5.562	168	309908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	607870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	591077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	235710	54.345	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.700%	
35) Dibromofluoromethane	5.403	113	200682	50.868	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.653	98	709656	50.327	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	11.079	95	288877	55.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.040%	
Target Compounds						
16) Acetone	2.398	43	8764	5.376	ug/l	Qvalue 96

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

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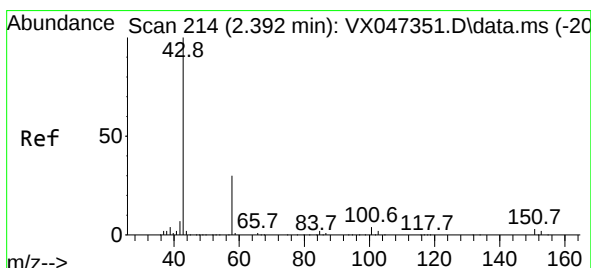
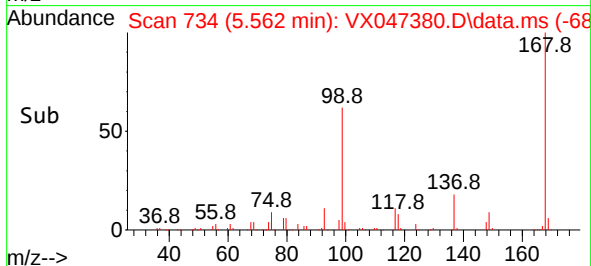
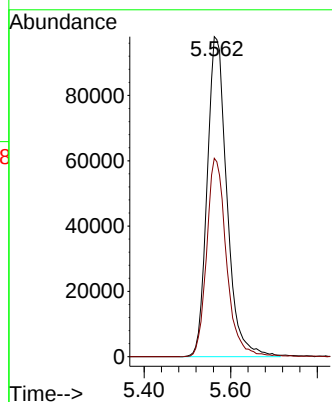
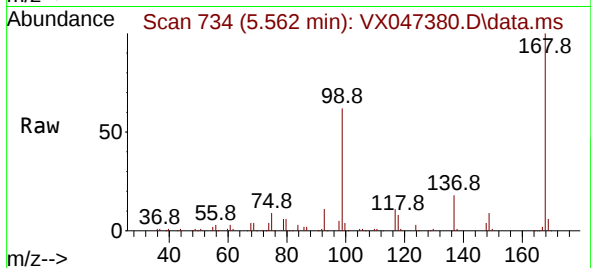




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047380.D
Acq: 18 Aug 2025 14:31

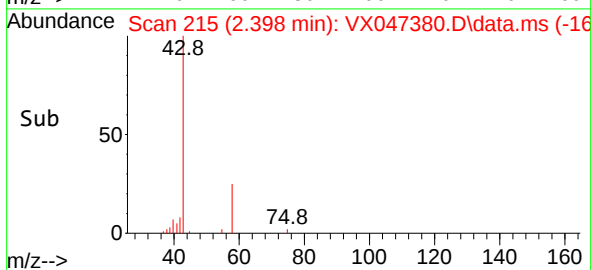
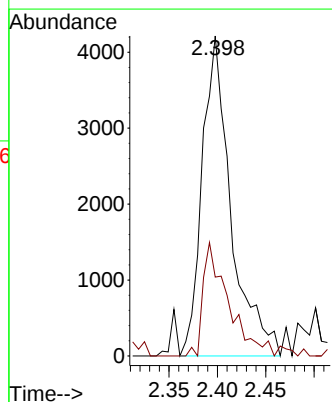
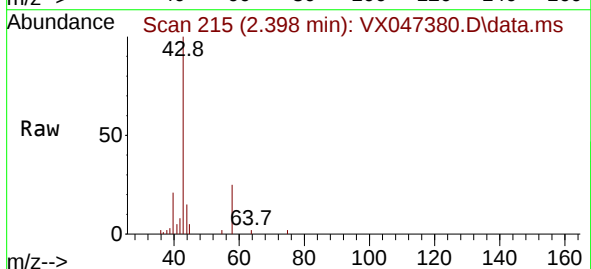
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-S

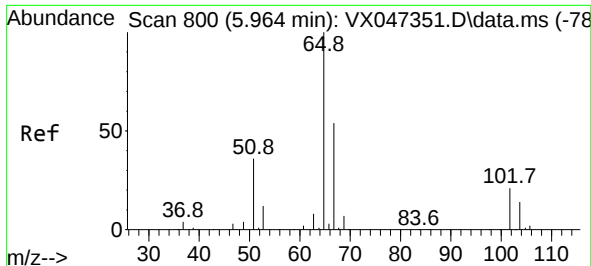
Tgt Ion:168 Resp: 309908
Ion Ratio Lower Upper
168 100
99 62.0 47.9 71.9



#16
Acetone
Concen: 5.376 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047380.D
Acq: 18 Aug 2025 14:31

Tgt Ion: 43 Resp: 8764
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2

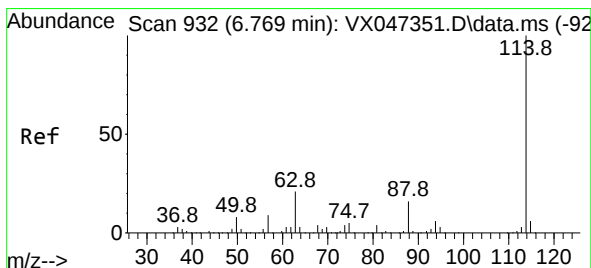
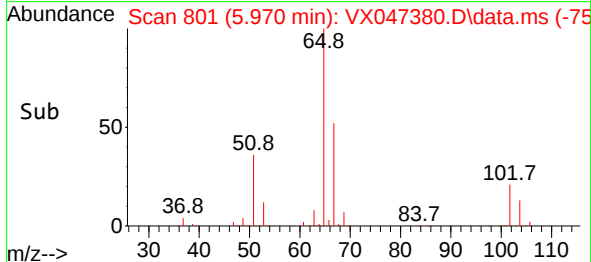
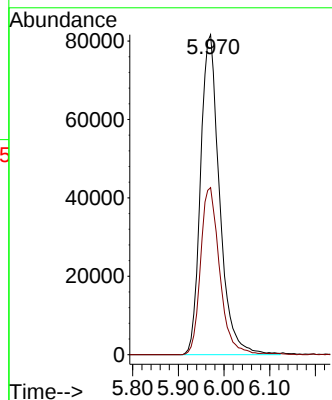
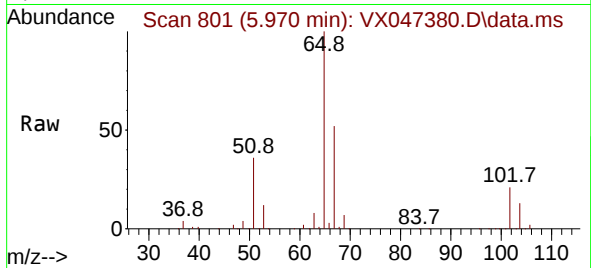




#33
 1,2-Dichloroethane-d4
 Concen: 54.345 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047380.D
 Acq: 18 Aug 2025 14:31

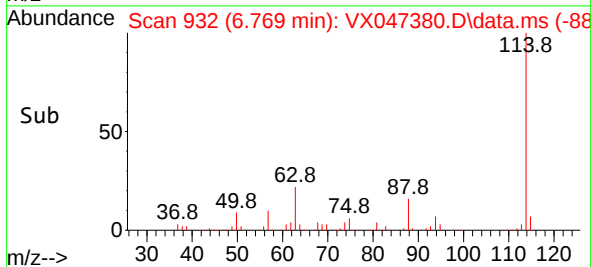
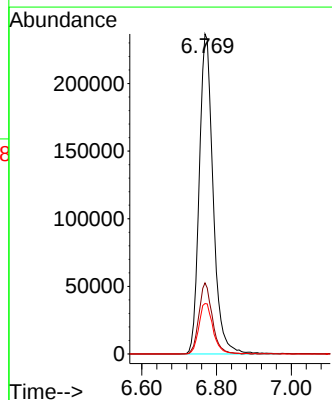
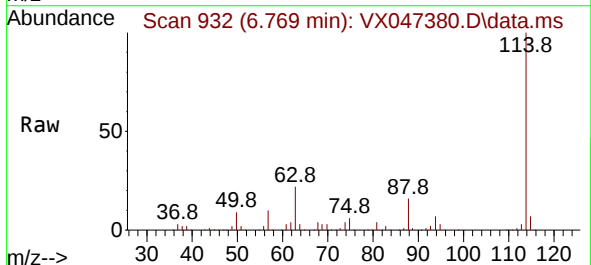
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-S

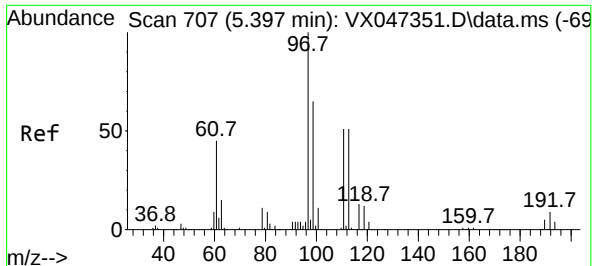
Tgt Ion: 65 Resp: 235710
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047380.D
 Acq: 18 Aug 2025 14:31

Tgt Ion: 114 Resp: 607870
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.4
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.868 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047380.D

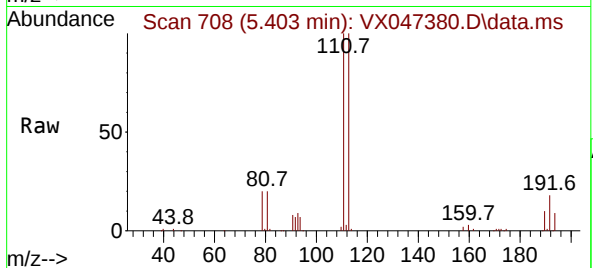
Acq: 18 Aug 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

TW-10P-S



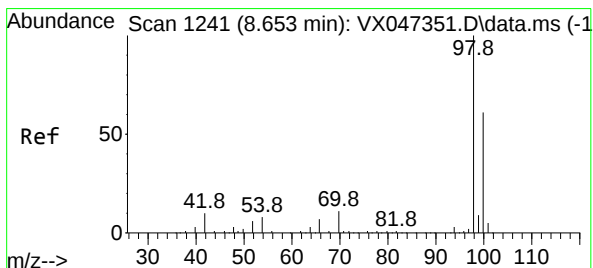
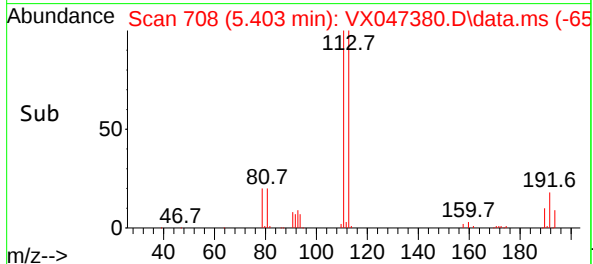
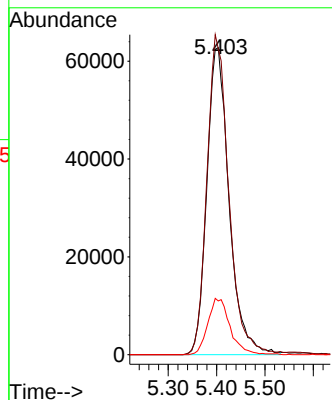
Tgt Ion:113 Resp: 200682

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

192 18.3 14.1 21.1



#50

Toluene-d8

Concen: 50.327 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047380.D

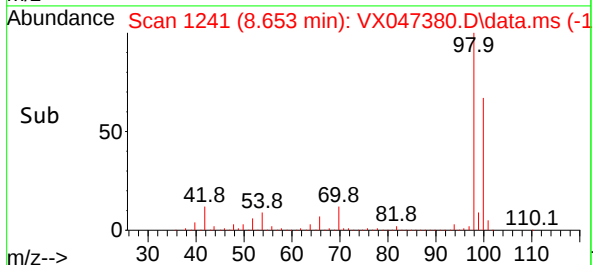
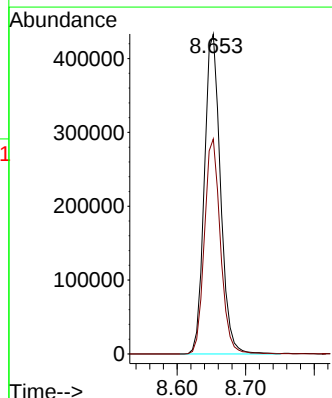
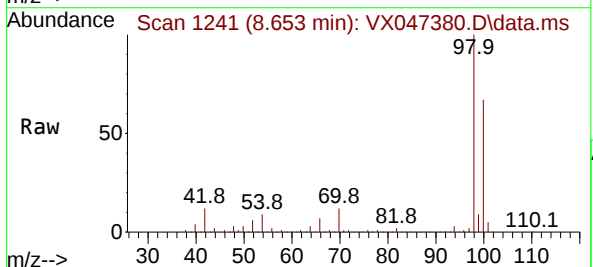
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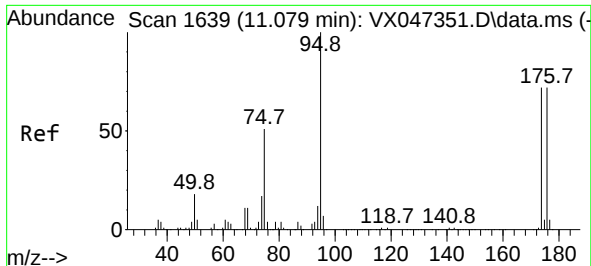
Tgt Ion: 98 Resp: 709656

Ion Ratio Lower Upper

98 100

100 66.7 53.9 80.9

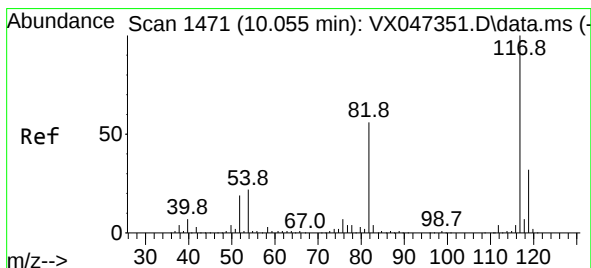
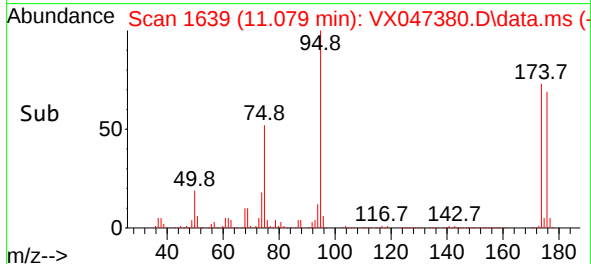
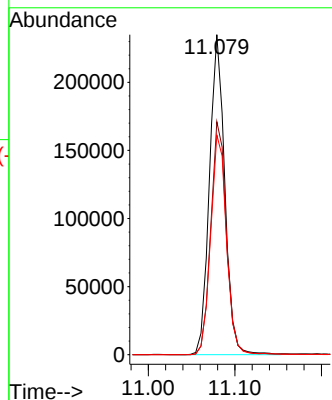
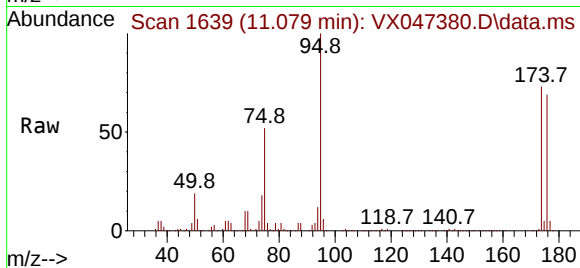




#62
4-Bromofluorobenzene
Concen: 55.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047380.D
Acq: 18 Aug 2025 14:31

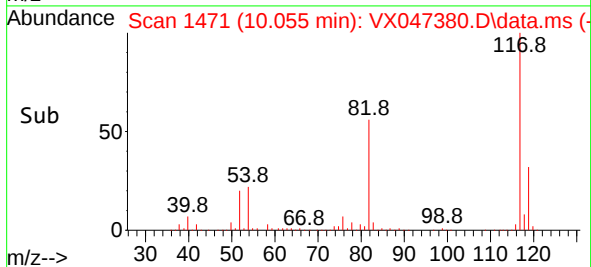
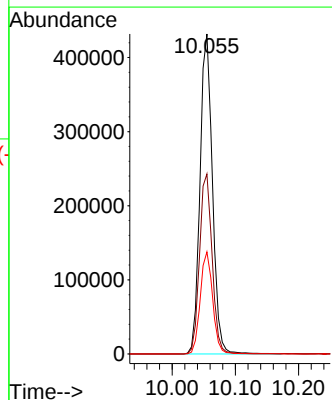
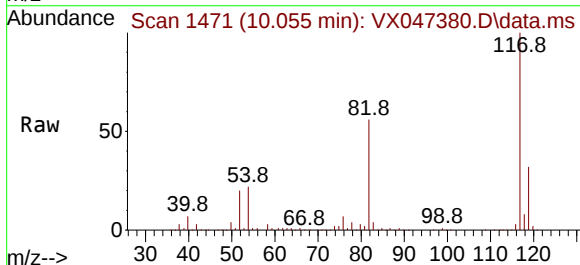
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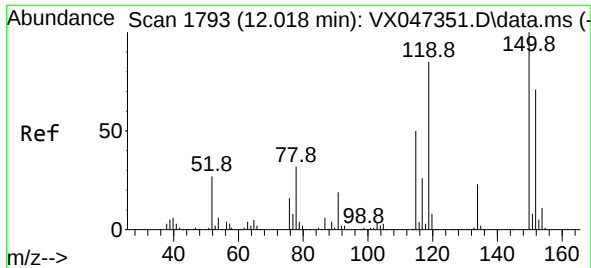
Tgt Ion: 95 Resp: 288877
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 70.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047380.D
Acq: 18 Aug 2025 14:31

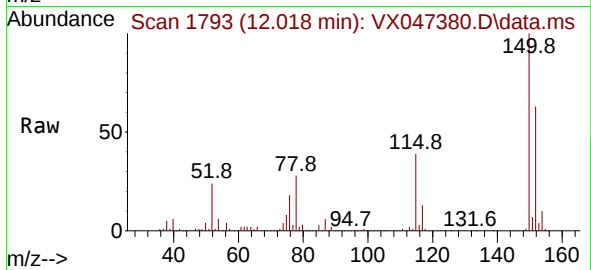
Tgt Ion: 117 Resp: 591077
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.9 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047380.D
Acq: 18 Aug 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
TW-10P-S



Tgt Ion:152 Resp: 297143
Ion Ratio Lower Upper
152 100
115 61.7 44.6 133.8
150 157.1 0.0 349.8

