

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047388.D
 Acq On : 18 Aug 2025 17:22
 Operator : JC/MD
 Sample : Q2815-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-E

Quant Time: Aug 19 01:46:34 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)

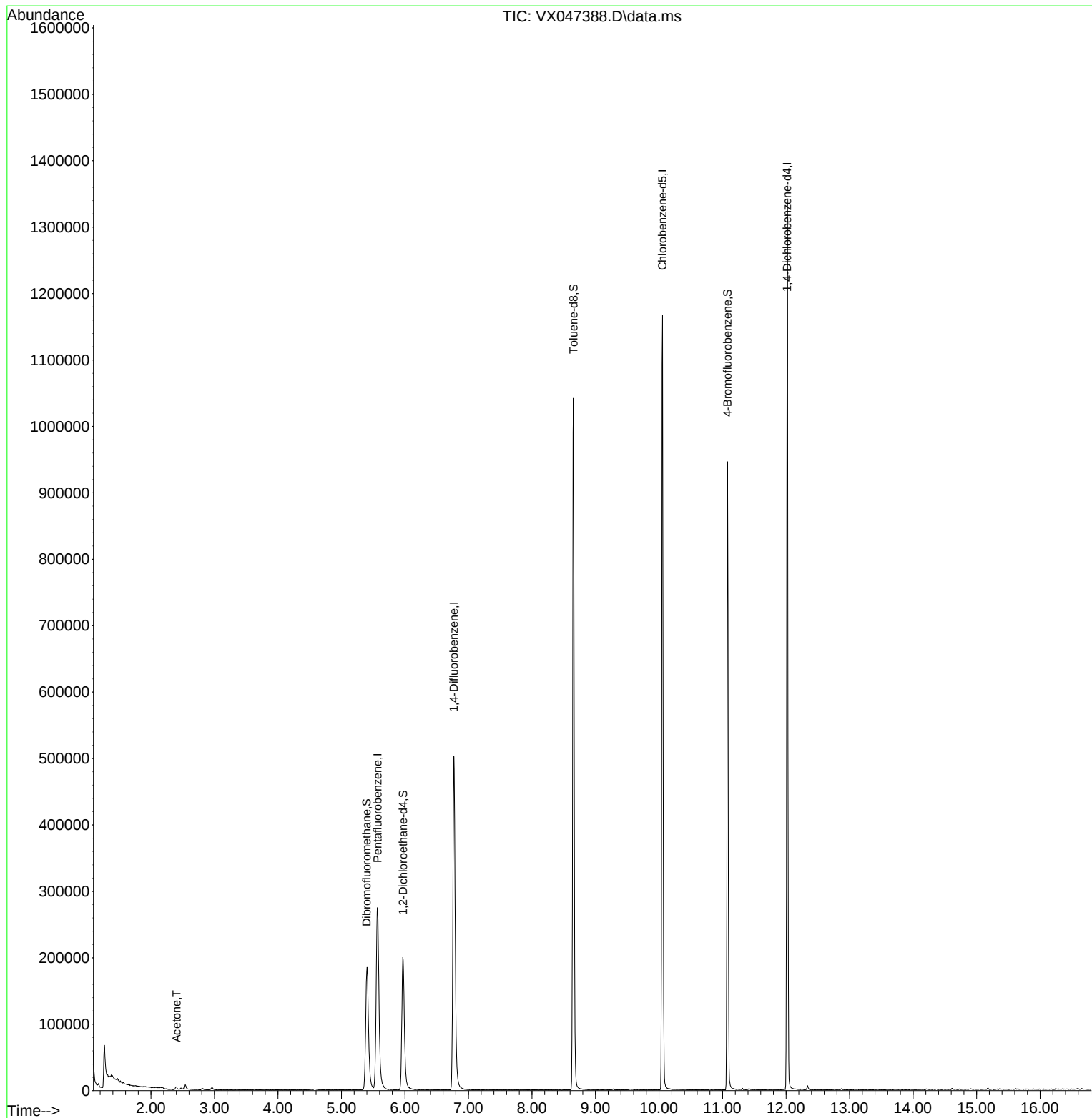
Internal Standards						
1) Pentafluorobenzene	5.568	168	277386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	540916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	526432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	264053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	208313	53.660	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.320%		
35) Dibromofluoromethane	5.397	113	177109	50.450	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.900%		
50) Toluene-d8	8.653	98	628803	50.113	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.220%		
62) 4-Bromofluorobenzene	11.079	95	251447	54.304	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.600%		
Target Compounds						
16) Acetone	2.404	43	5882	4.031	ug/l	Qvalue 99

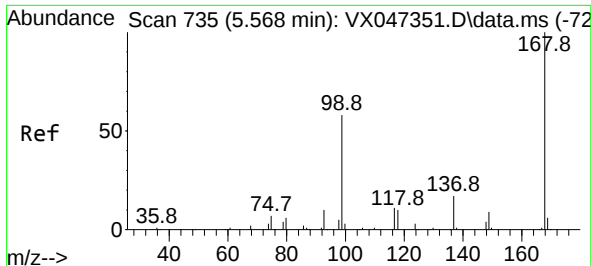
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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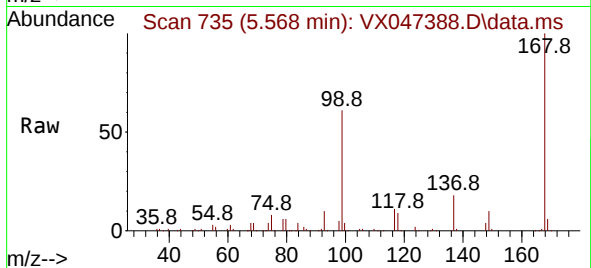
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
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QLast Update : Mon Aug 18 04:18:28 2025
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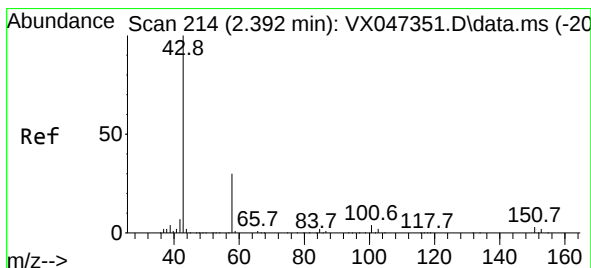
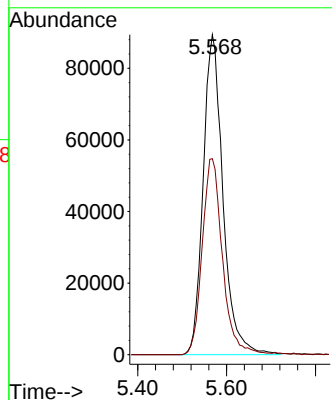
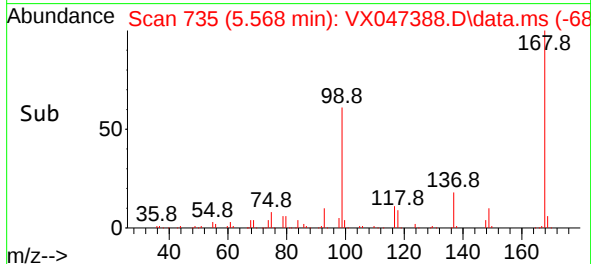


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
TW-22M-E

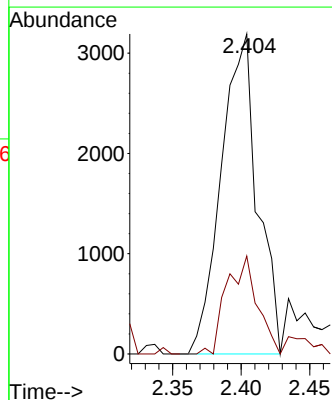
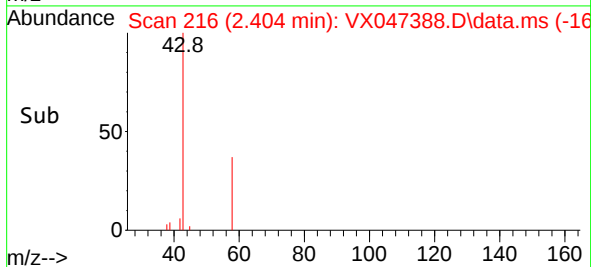
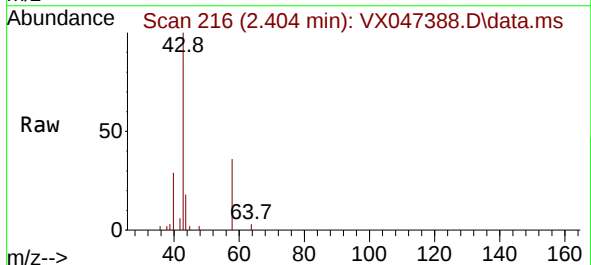


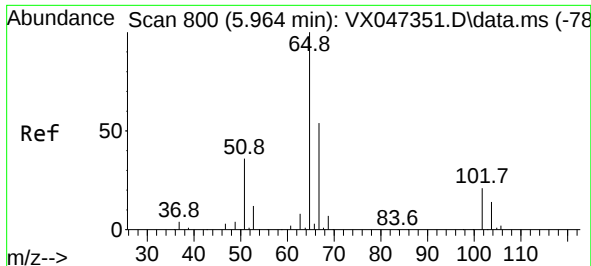
Tgt Ion:168 Resp: 277386
Ion Ratio Lower Upper
168 100
99 61.2 47.9 71.9



#16
Acetone
Concen: 4.031 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

Tgt Ion: 43 Resp: 5882
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2

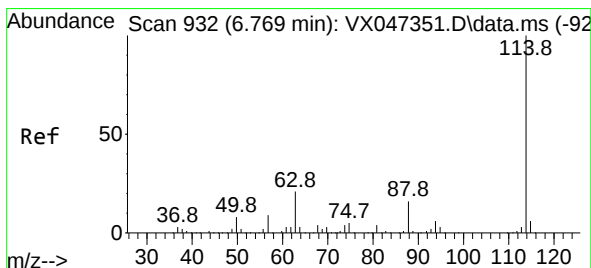
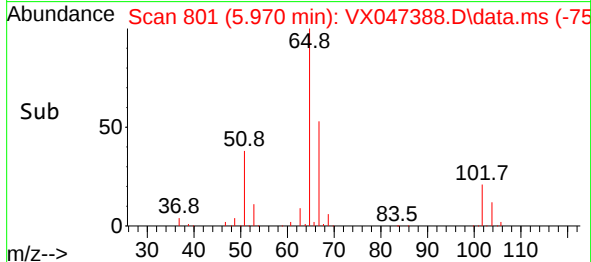
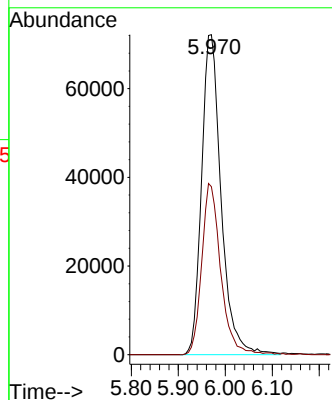
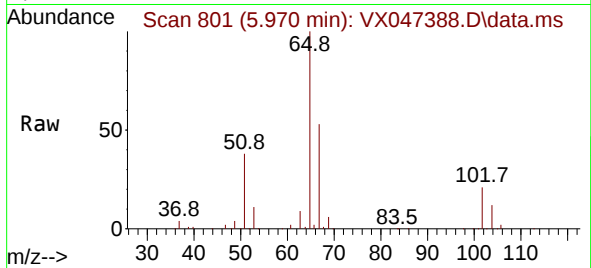




#33
 1,2-Dichloroethane-d4
 Concen: 53.660 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047388.D
 Acq: 18 Aug 2025 17:22

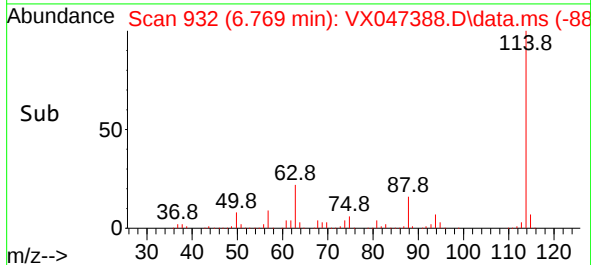
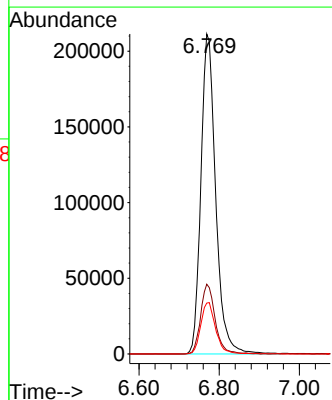
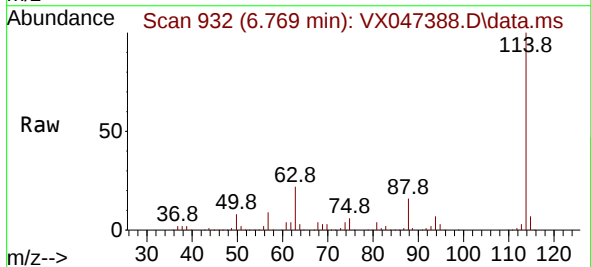
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-E

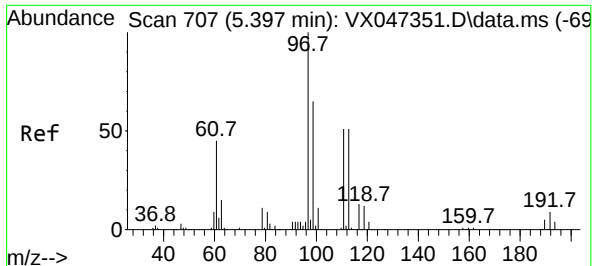
Tgt Ion: 65 Resp: 208313
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047388.D
 Acq: 18 Aug 2025 17:22

Tgt Ion: 114 Resp: 540916
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 15.9 0.0 33.0

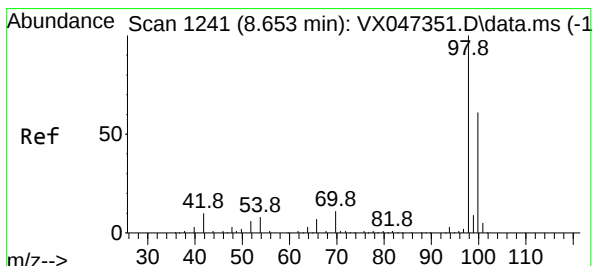
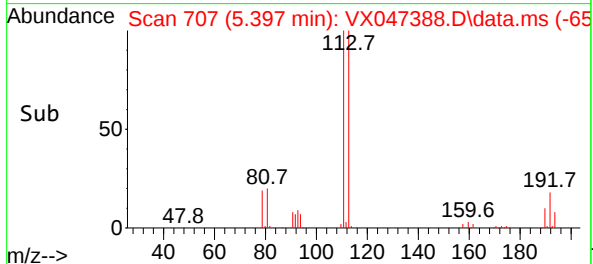
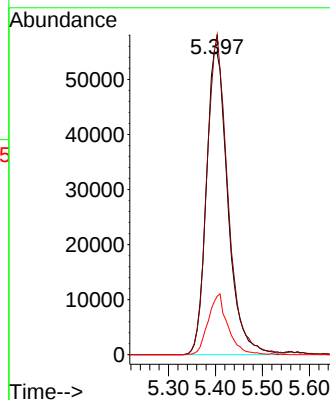
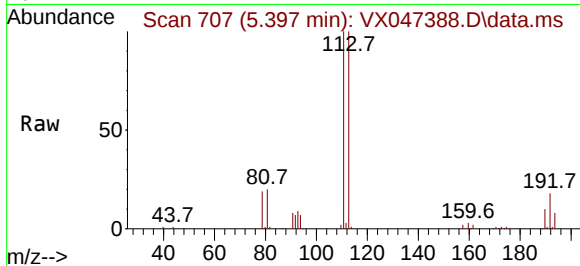




#35
Dibromofluoromethane
Concen: 50.450 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

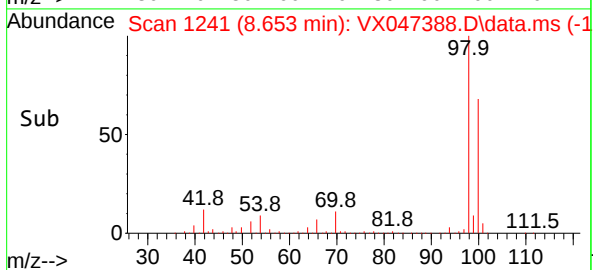
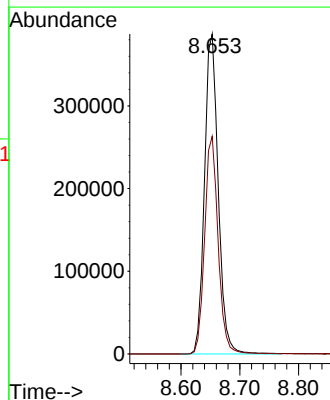
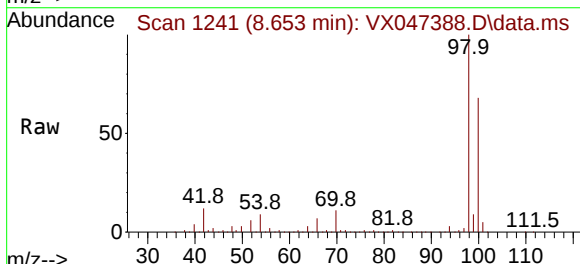
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-E

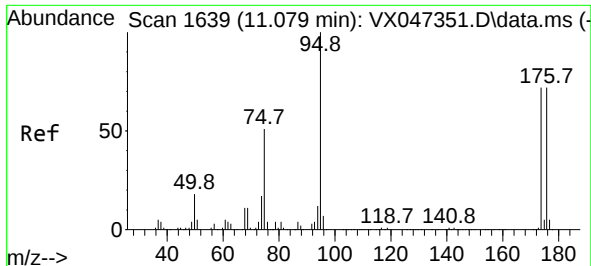
Tgt Ion:113 Resp: 177109
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 18.1 14.1 21.1



#50
Toluene-d8
Concen: 50.113 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

Tgt Ion: 98 Resp: 628803
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9

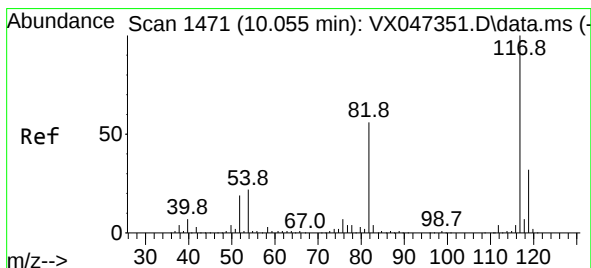
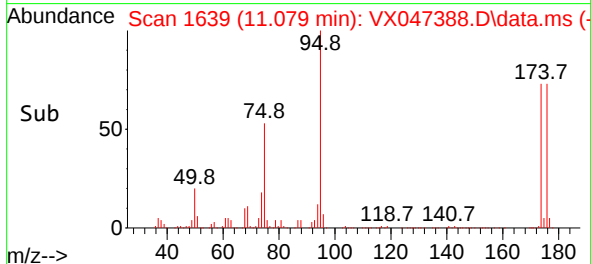
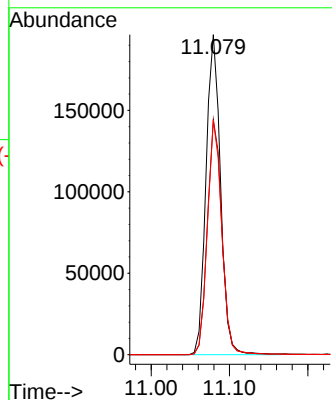
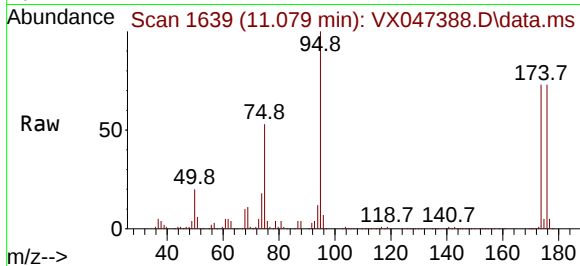




#62
4-Bromofluorobenzene
Concen: 54.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

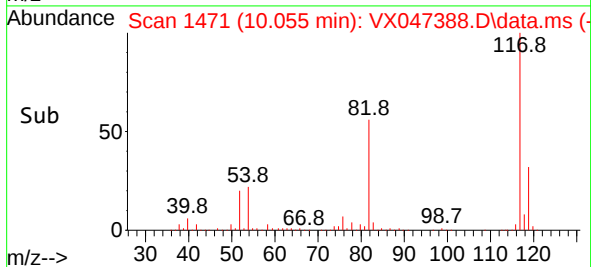
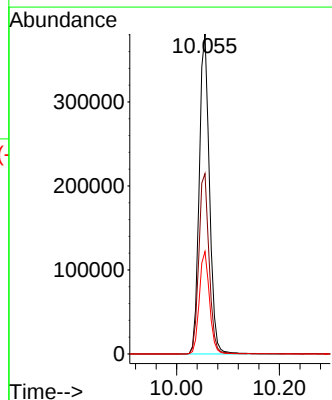
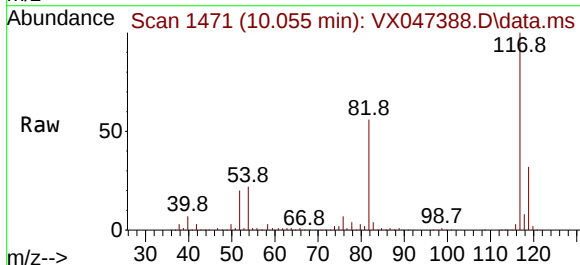
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-E

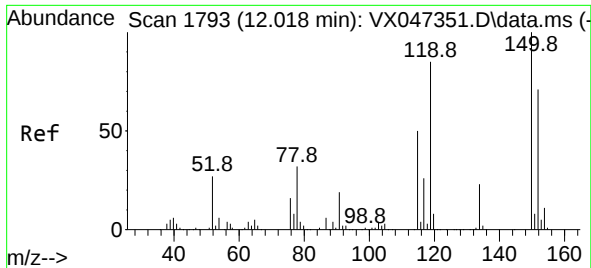
Tgt Ion: 95 Resp: 251447
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 72.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

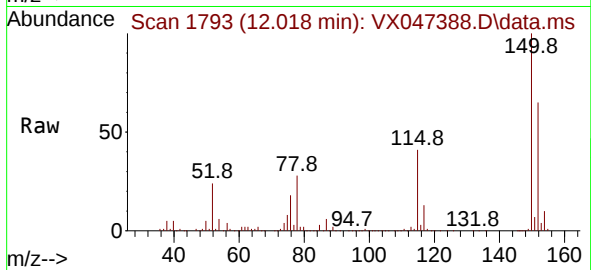
Tgt Ion: 117 Resp: 526432
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.0 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047388.D
Acq: 18 Aug 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:152 Resp: 264053
Ion Ratio Lower Upper
152 100
115 61.3 44.6 133.8
150 156.2 0.0 349.8

