

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032070.D
 Acq On : 11 Aug 2025 16:34
 Operator : SY/MD
 Sample : Q2818-02
 Misc : 5.29g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3-5-2

Quant Time: Aug 12 04:27:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

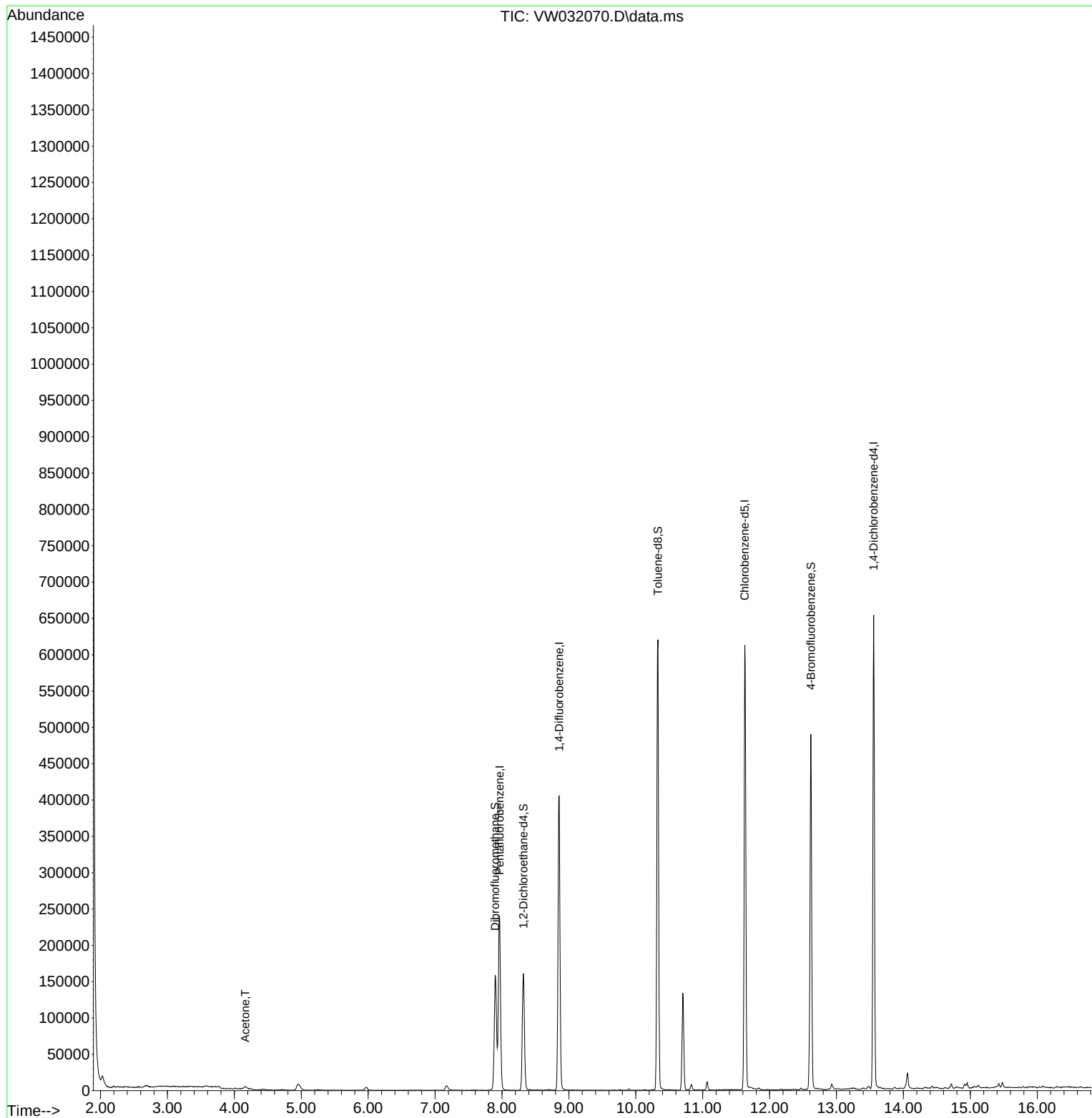
Internal Standards						
1) Pentafluorobenzene	7.965	168	163499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	344516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	338197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134381	56.829	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	113.660%	
35) Dibromofluoromethane	7.898	113	119002	53.467	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	106.940%	
50) Toluene-d8	10.331	98	411374	49.971	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	99.940%	
62) 4-Bromofluorobenzene	12.617	95	165115	54.427	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	108.860%	
Target Compounds						
16) Acetone	4.161	43	5517	10.077	ug/l	Qvalue # 78

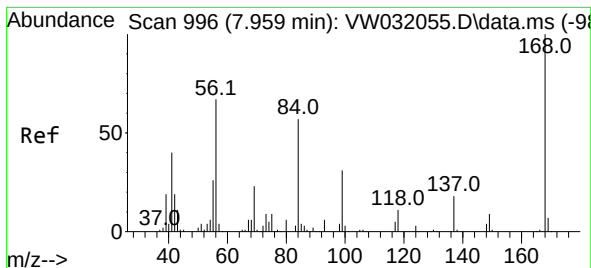
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.006 min

Lab File: VW032070.D

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MSVOA_W

ClientSampleId :

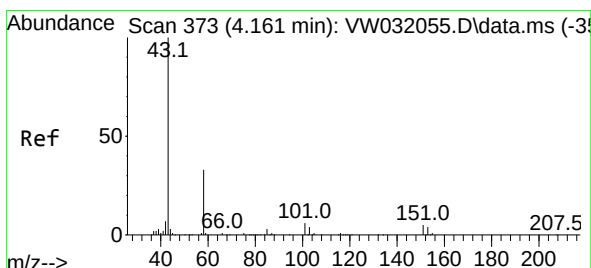
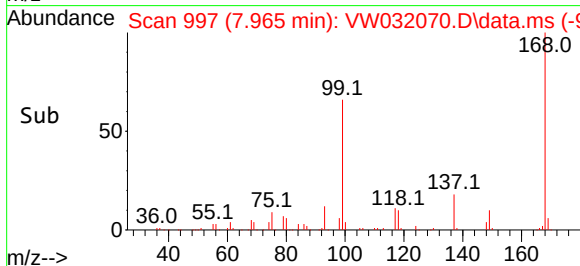
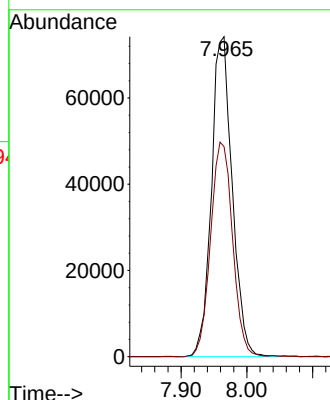
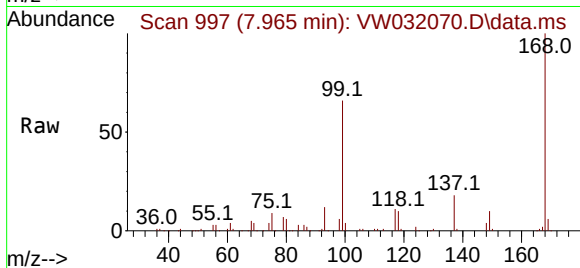
B-3-5-2

Tgt Ion:168 Resp: 163499

Ion Ratio Lower Upper

168 100

99 65.6 56.0 84.0



#16

Acetone

Concen: 10.077 ug/l

RT: 4.161 min Scan# 373

Delta R.T. -0.000 min

Lab File: VW032070.D

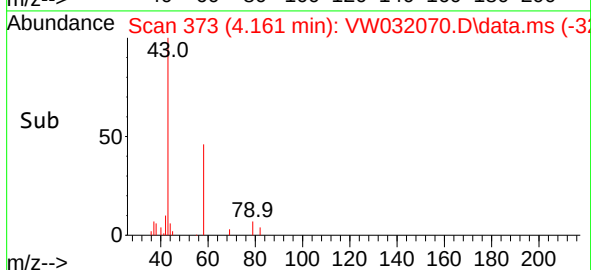
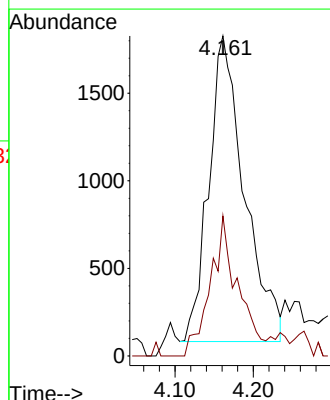
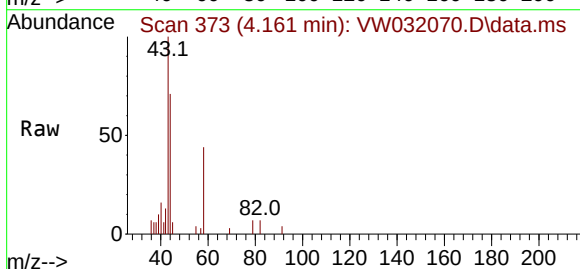
Acq: 11 Aug 2025 16:34

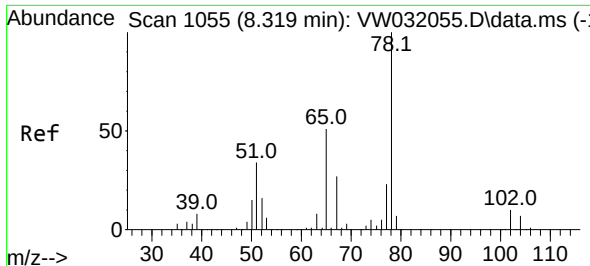
Tgt Ion: 43 Resp: 5517

Ion Ratio Lower Upper

43 100

58 45.8 26.6 39.8#

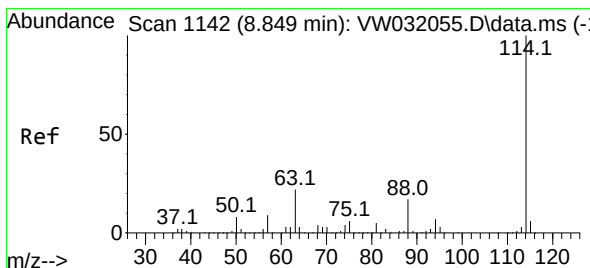
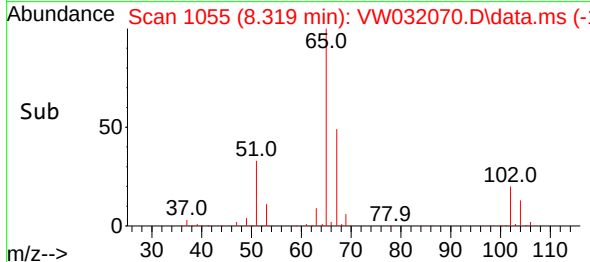
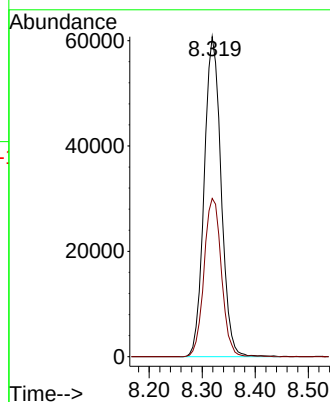
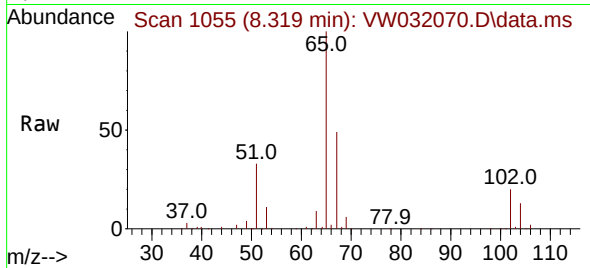




#33
 1,2-Dichloroethane-d4
 Concen: 56.829 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

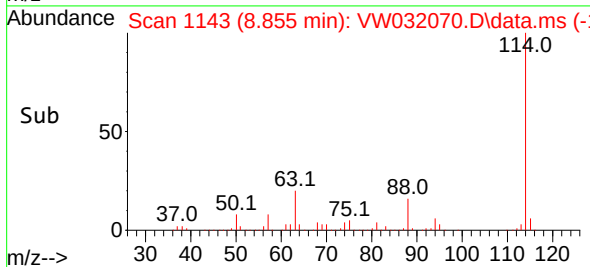
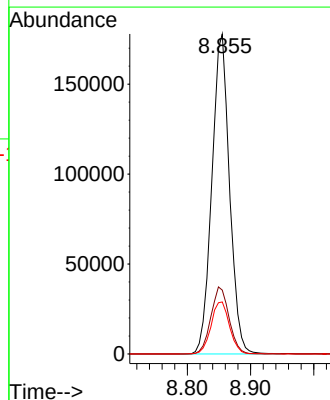
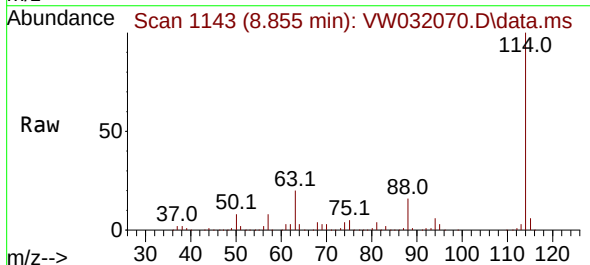
Instrument :
 MSVOA_W
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 B-3-5-2

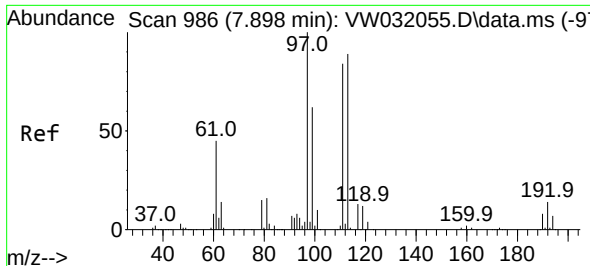
Tgt Ion: 65 Resp: 134381
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

Tgt Ion: 114 Resp: 344516
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.0
 88 16.3 0.0 33.8

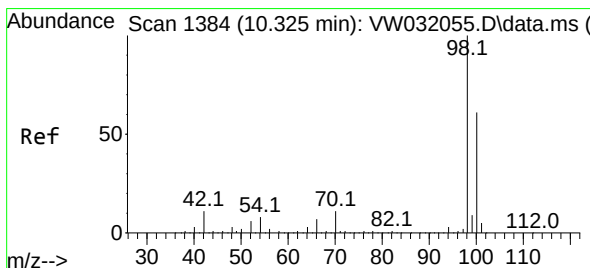
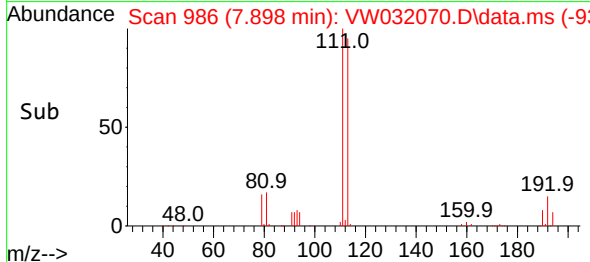
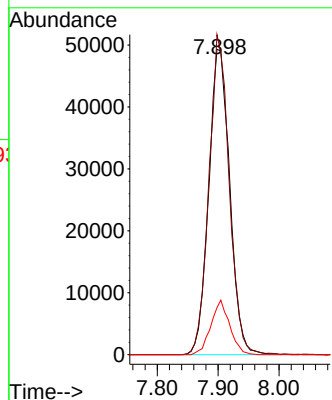
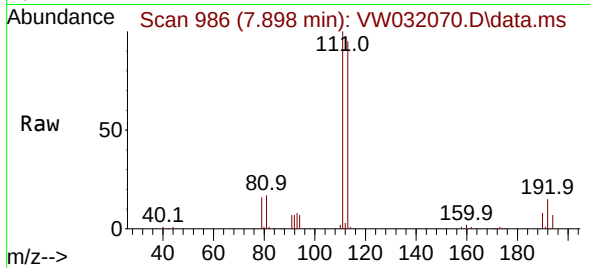




#35
 Dibromofluoromethane
 Concen: 53.467 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

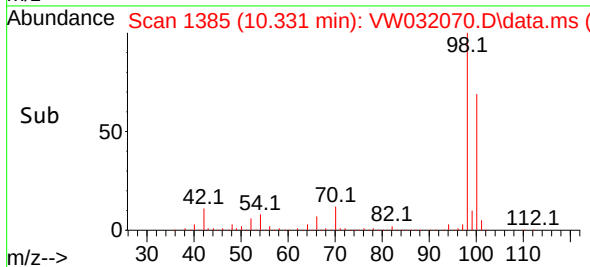
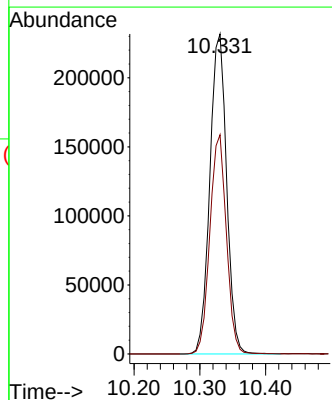
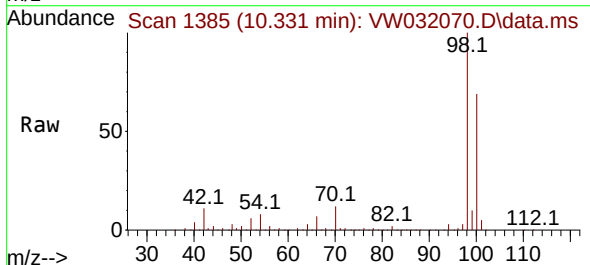
Instrument :
 MSVOA_W
 ClientSampleId :
 B-3-5-2

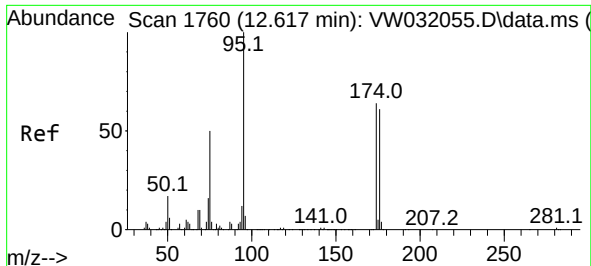
Tgt Ion:113 Resp: 119002
 Ion Ratio Lower Upper
 113 100
 111 100.4 80.1 120.1
 192 15.9 13.1 19.7



#50
 Toluene-d8
 Concen: 49.971 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

Tgt Ion: 98 Resp: 411374
 Ion Ratio Lower Upper
 98 100
 100 67.5 51.1 76.7

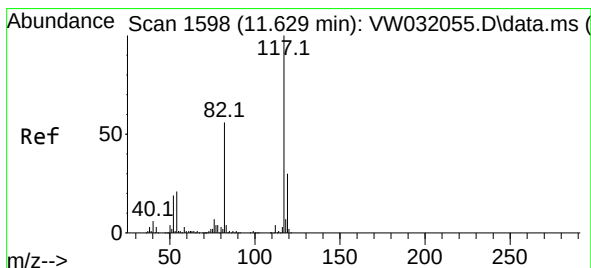
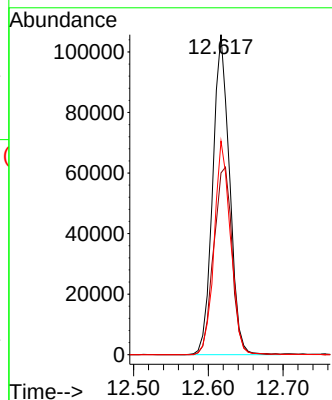
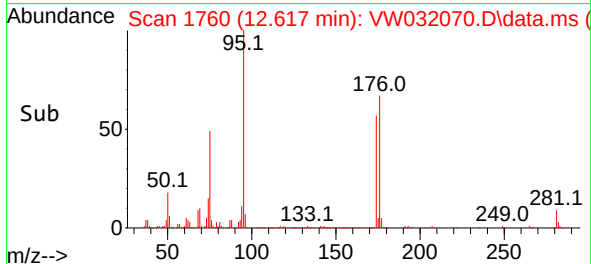
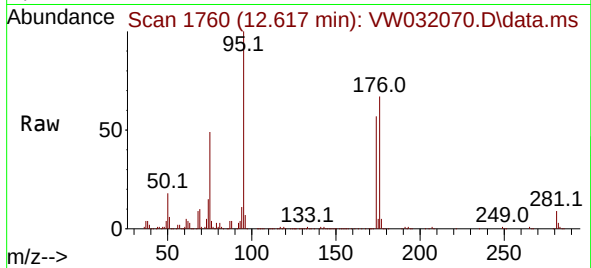




#62
4-Bromofluorobenzene
Concen: 54.427 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

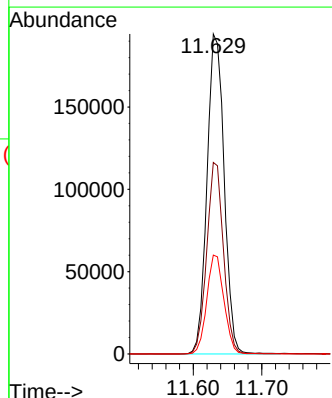
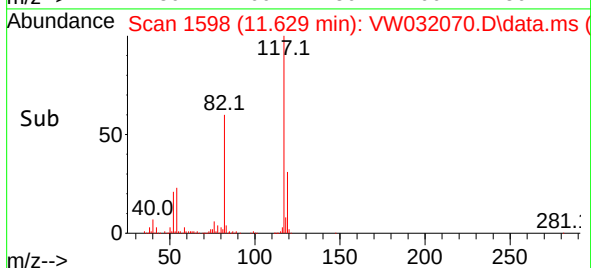
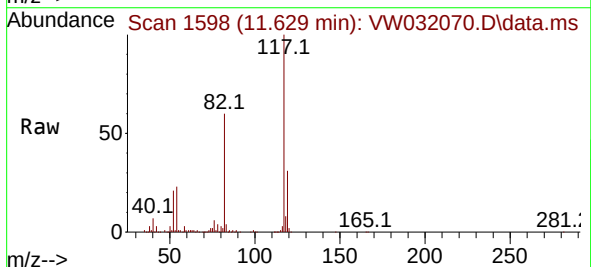
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ClientSampleId :
B-3-5-2

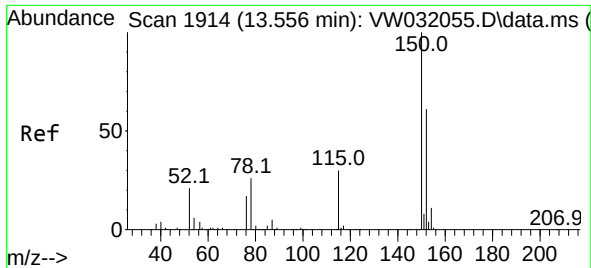
Tgt Ion: 95 Resp: 165115
Ion Ratio Lower Upper
95 100
174 64.1 0.0 129.0
176 65.3 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032070.D
Acq: 11 Aug 2025 16:34

Tgt Ion: 117 Resp: 338197
Ion Ratio Lower Upper
117 100
82 59.8 45.0 67.4
119 30.9 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032070.D
 Acq: 11 Aug 2025 16:34

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3-5-2

Tgt Ion:152 Resp: 164031
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.6 97.8
 150 156.4 0.0 359.4

