

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032073.D
 Acq On : 11 Aug 2025 17:41
 Operator : SY/MD
 Sample : Q2819-03
 Misc : 7.53g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W

Quant Time: Aug 12 04:28:47 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)

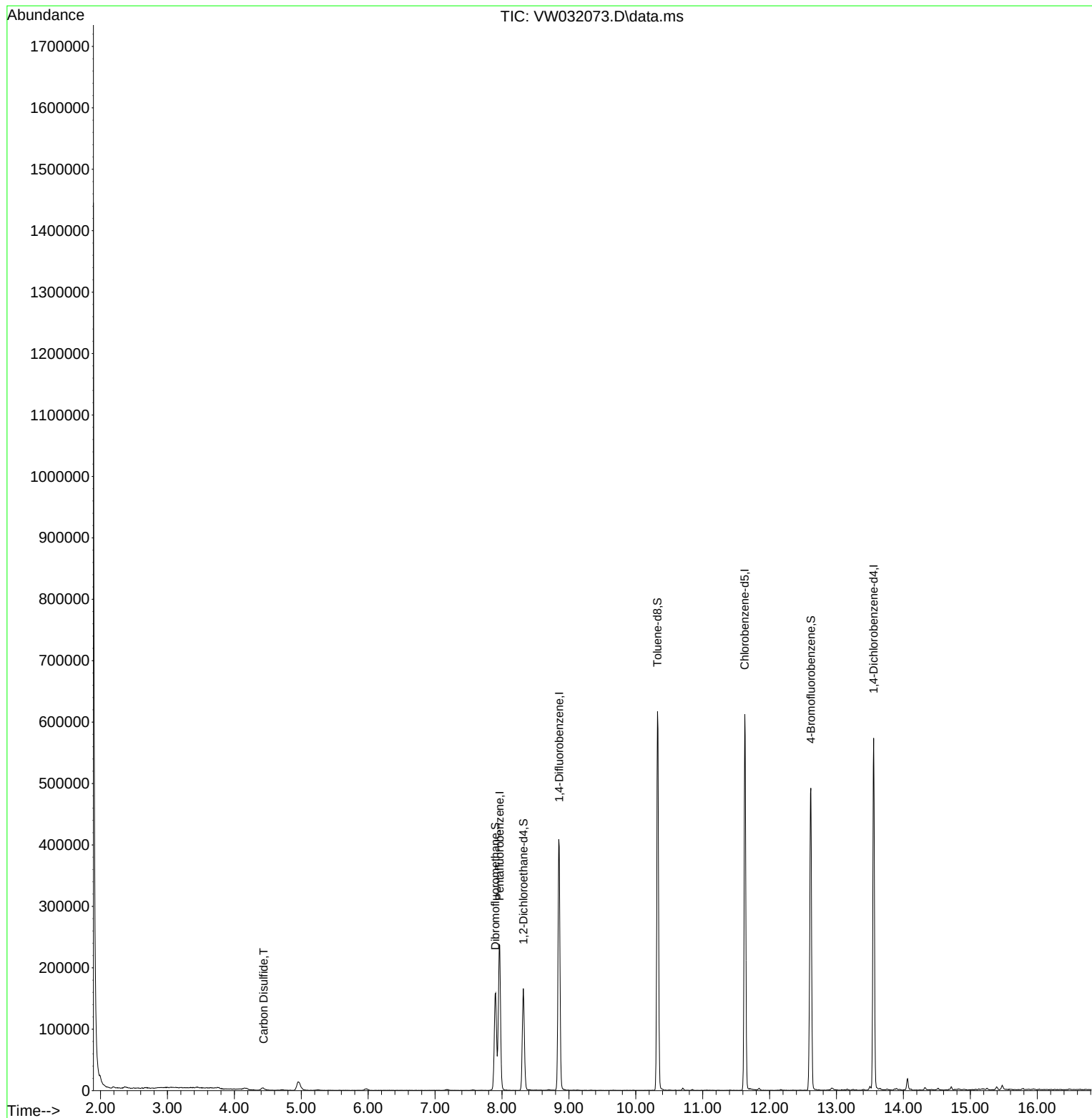
Internal Standards						
1) Pentafluorobenzene	7.965	168	162776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	351013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	336246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	147943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133180	56.571	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	113.140%	
35) Dibromofluoromethane	7.898	113	119888	52.868	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	105.740%	
50) Toluene-d8	10.325	98	416921	49.708	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	99.420%	
62) 4-Bromofluorobenzene	12.617	95	158734	51.355	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	102.720%	
Target Compounds						
17) Carbon Disulfide	4.436	76	8722	1.646	ug/l	Qvalue 98

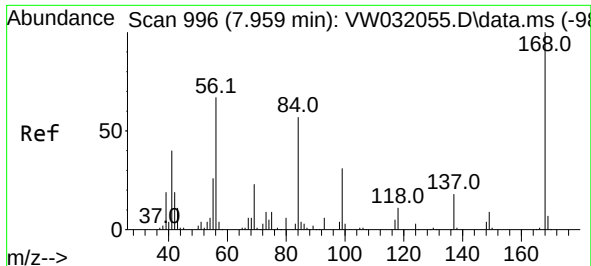
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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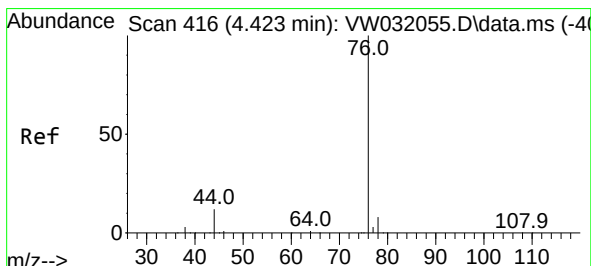
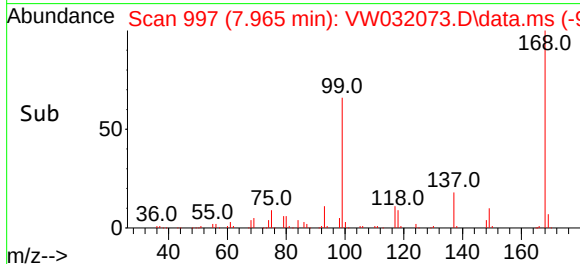
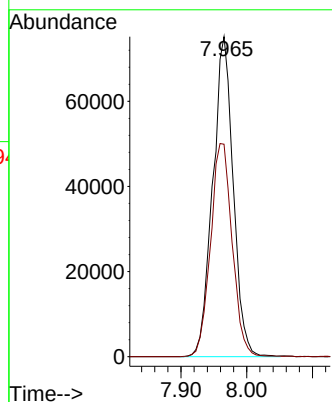
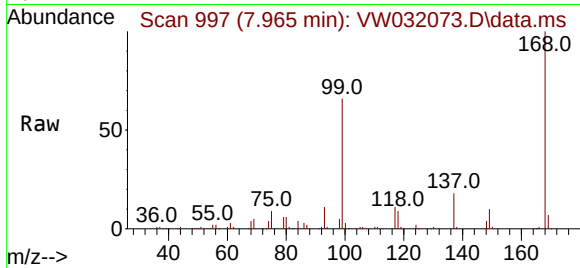




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

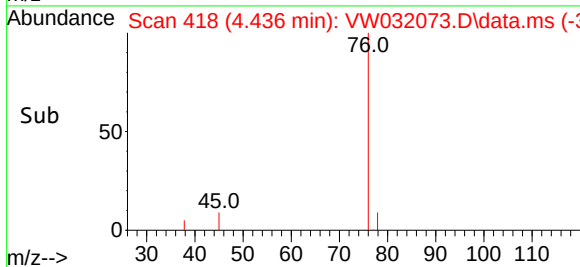
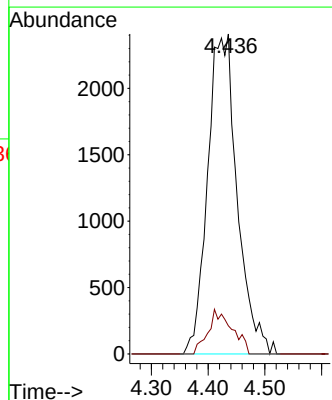
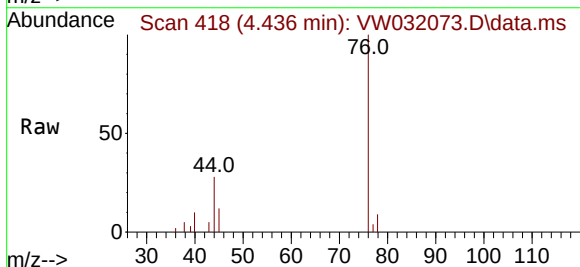
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

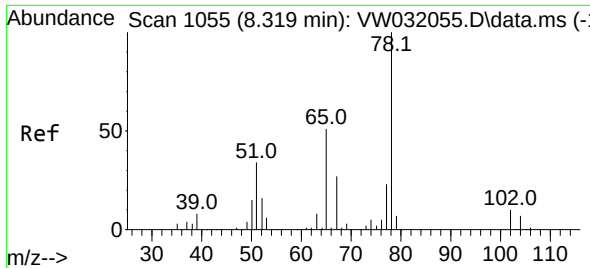
Tgt Ion:168 Resp: 162776
Ion Ratio Lower Upper
168 100
99 66.4 56.0 84.0



#17
Carbon Disulfide
Concen: 1.646 ug/l
RT: 4.436 min Scan# 418
Delta R.T. 0.012 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion: 76 Resp: 8722
Ion Ratio Lower Upper
76 100
78 8.8 6.4 9.6

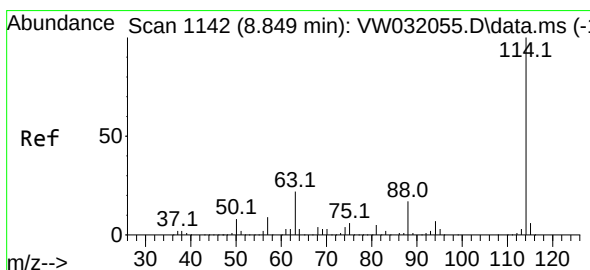
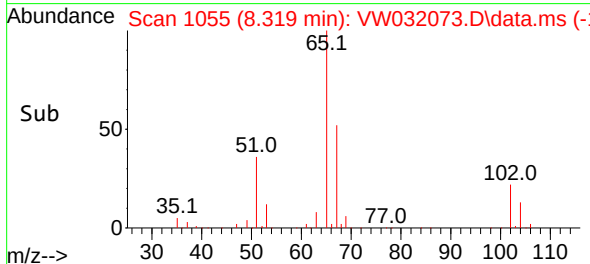
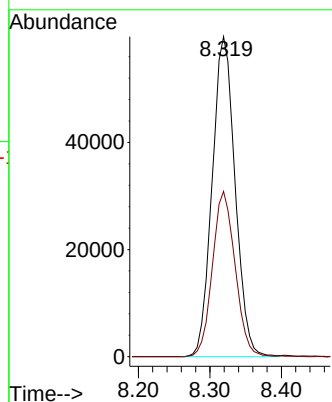
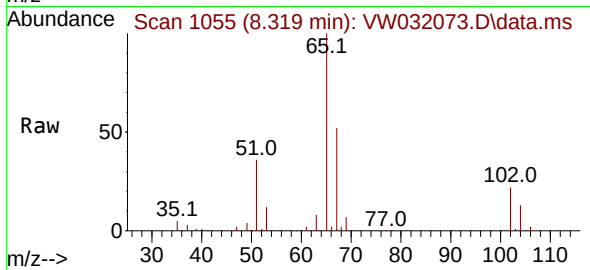




#33
 1,2-Dichloroethane-d4
 Concen: 56.571 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

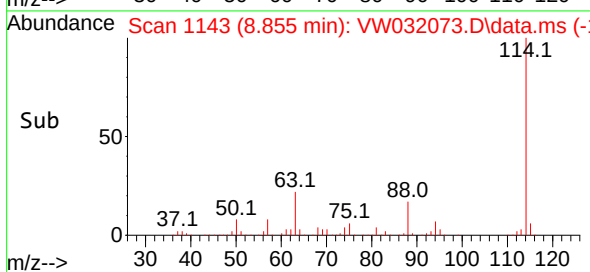
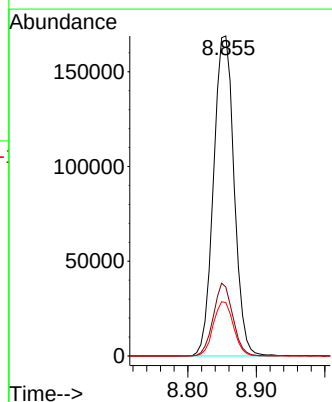
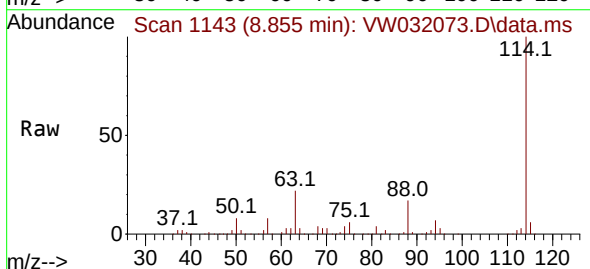
Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W

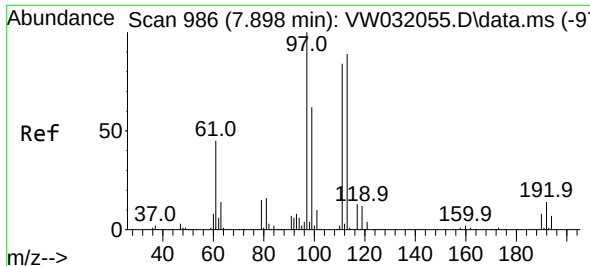
Tgt Ion: 65 Resp: 133180
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

Tgt Ion: 114 Resp: 351013
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 16.7 0.0 33.8

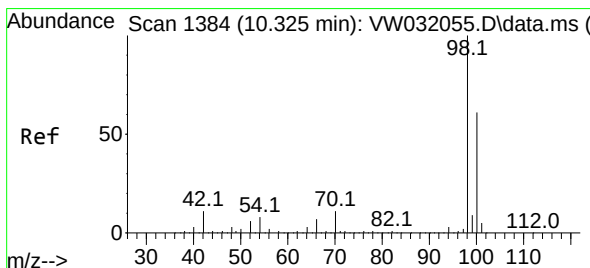
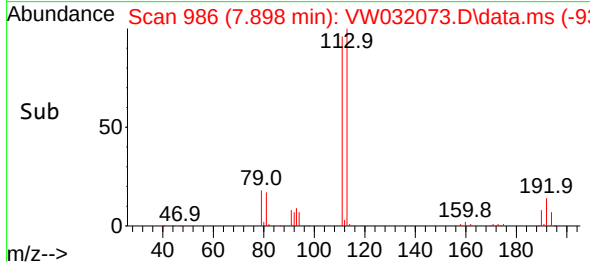
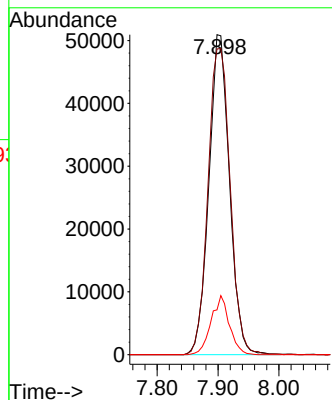
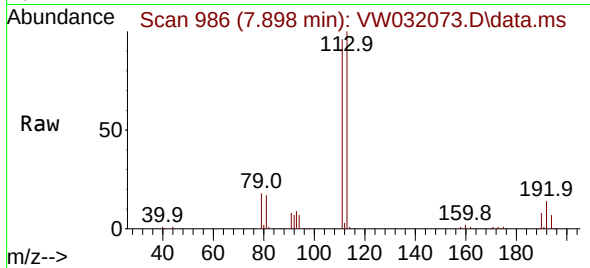




#35
Dibromofluoromethane
Concen: 52.868 ug/l
RT: 7.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

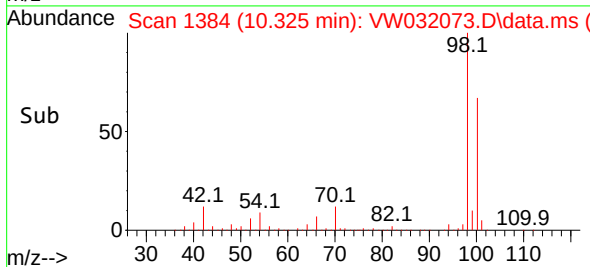
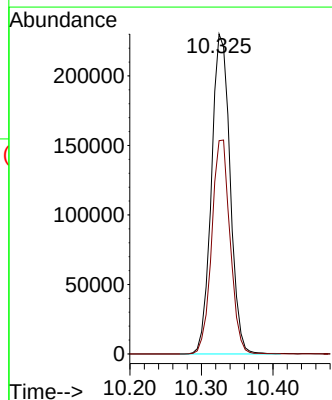
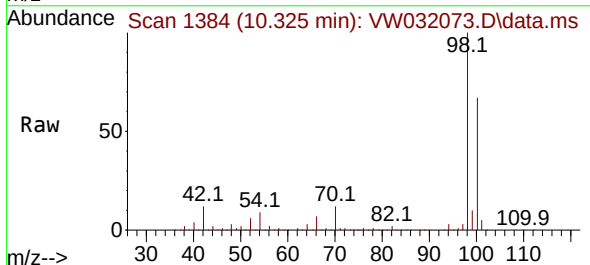
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

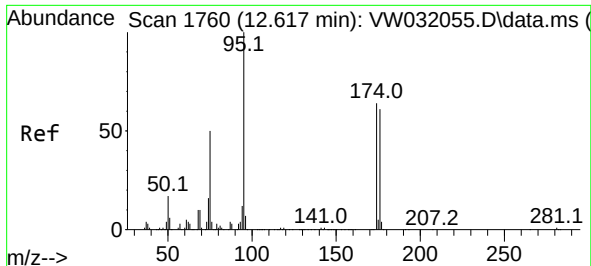
Tgt Ion:113 Resp: 119888
Ion Ratio Lower Upper
113 100
111 102.8 80.1 120.1
192 16.3 13.1 19.7



#50
Toluene-d8
Concen: 49.708 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

Tgt Ion: 98 Resp: 416921
Ion Ratio Lower Upper
98 100
100 65.7 51.1 76.7

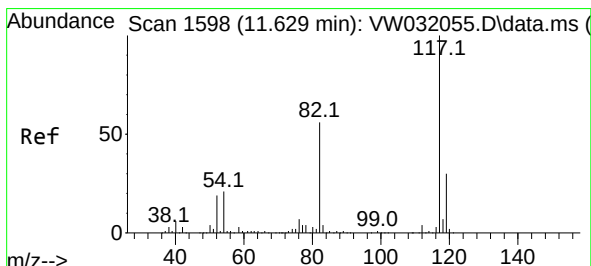
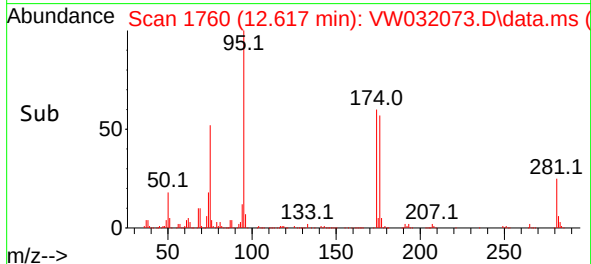
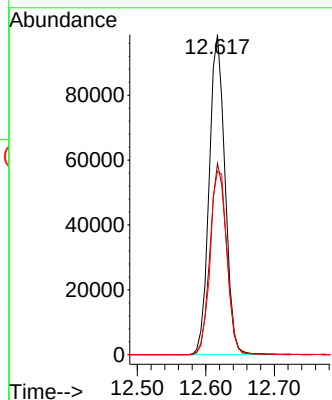
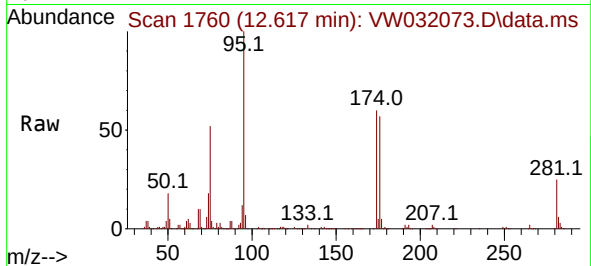




#62
4-Bromofluorobenzene
Concen: 51.355 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

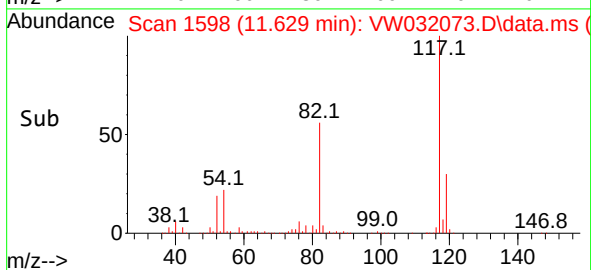
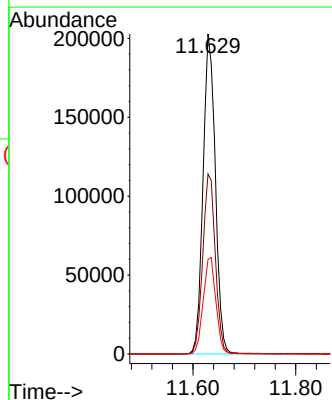
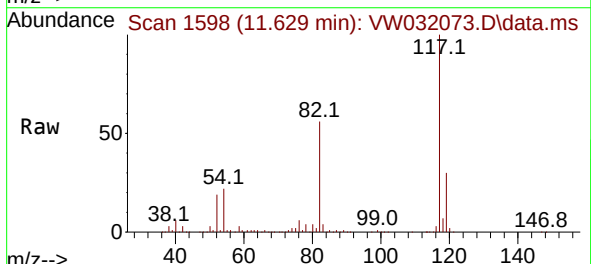
Instrument :
MSVOA_W
ClientSampleId :
22BP-W

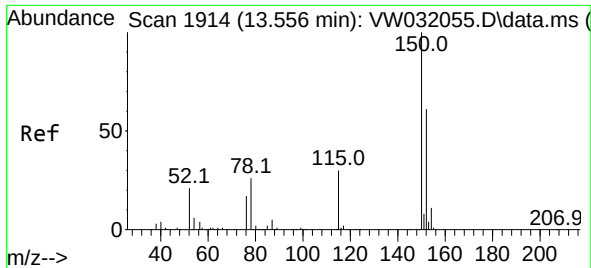
Tgt Ion: 95 Resp: 158734
Ion Ratio Lower Upper
95 100
174 61.9 0.0 129.0
176 61.4 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032073.D
Acq: 11 Aug 2025 17:41

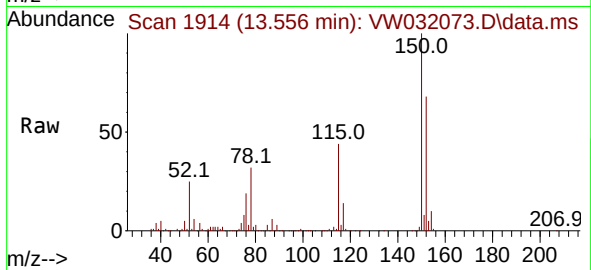
Tgt Ion: 117 Resp: 336246
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 29.6 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032073.D
 Acq: 11 Aug 2025 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-W



Tgt Ion:152 Resp: 147943
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.6 97.8
 150 152.5 0.0 359.4

