

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032074.D
 Acq On : 11 Aug 2025 18:03
 Operator : SY/MD
 Sample : Q2819-04
 Misc : 5.68g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-S

Quant Time: Aug 12 04:29:08 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)

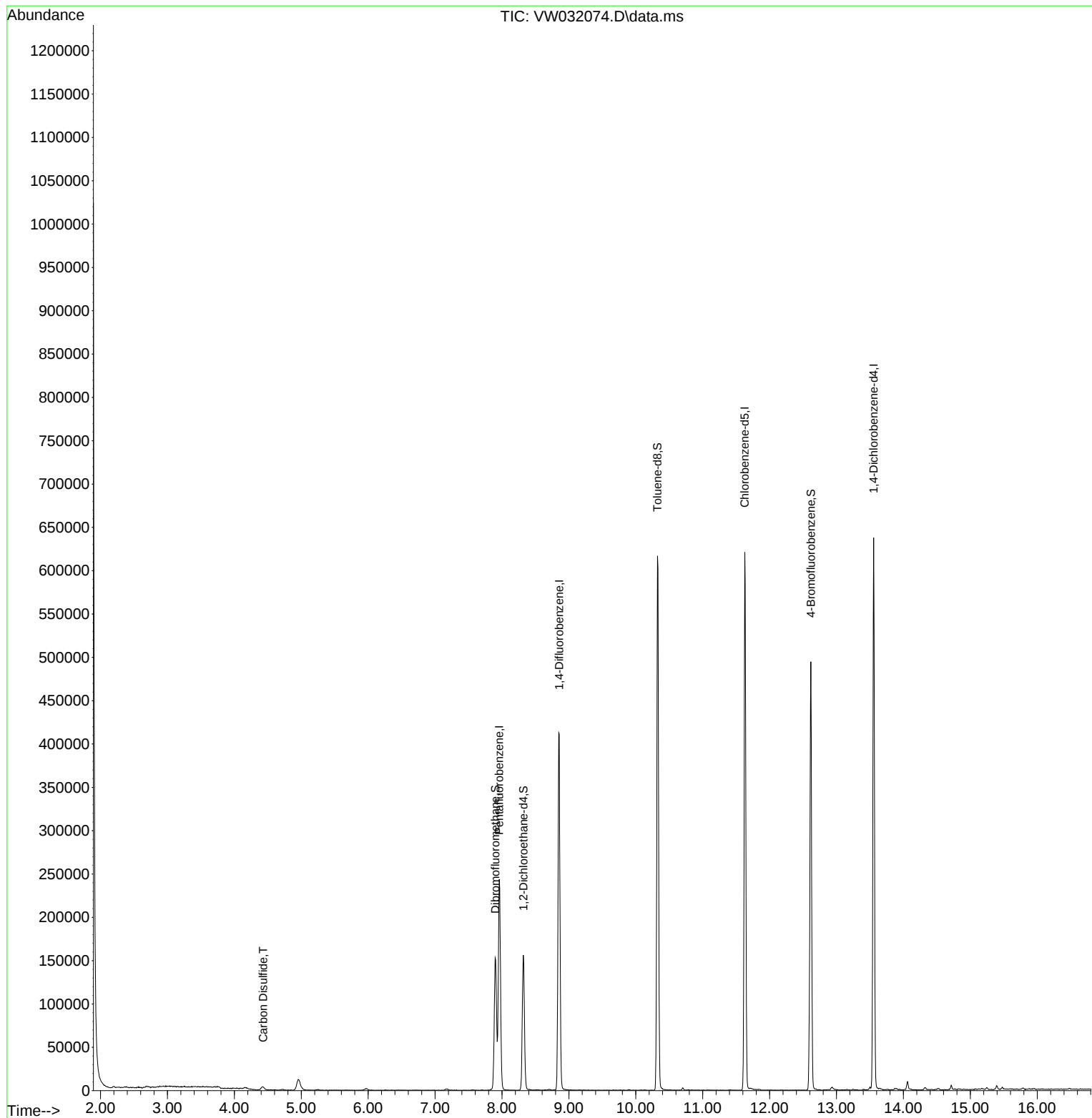
Internal Standards						
1) Pentafluorobenzene	7.959	168	167919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	354178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	340658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131102	53.983	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 107.960%		
35) Dibromofluoromethane	7.898	113	114884	50.209	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 100.420%		
50) Toluene-d8	10.325	98	420096	49.639	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.280%		
62) 4-Bromofluorobenzene	12.617	95	161066	51.644	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 103.280%		
Target Compounds						Qvalue
17) Carbon Disulfide	4.429	76	8408	1.538	ug/l	98

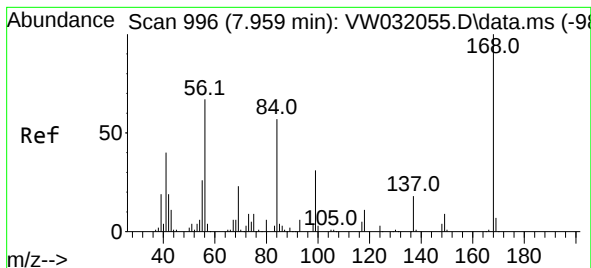
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW032074.D

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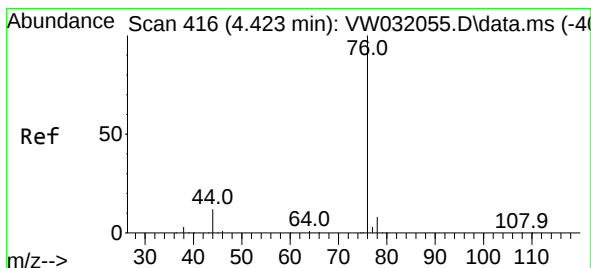
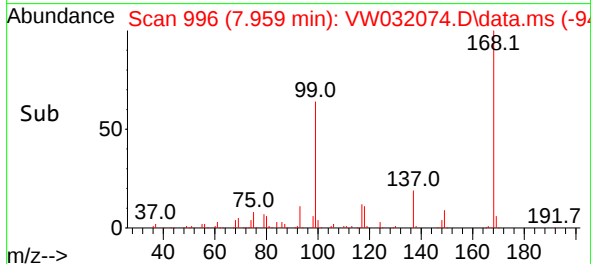
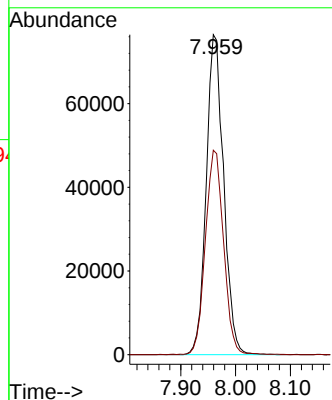
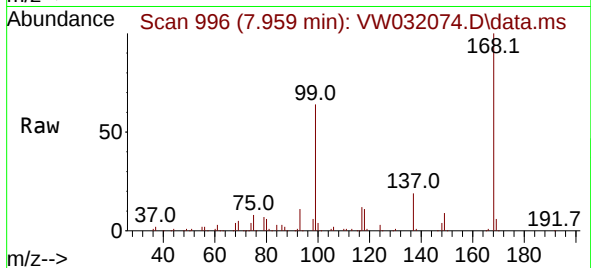
22BP-S

Tgt Ion:168 Resp: 167919

Ion Ratio Lower Upper

168 100

99 63.8 56.0 84.0



#17

Carbon Disulfide

Concen: 1.538 ug/l

RT: 4.429 min Scan# 417

Delta R.T. 0.006 min

Lab File: VW032074.D

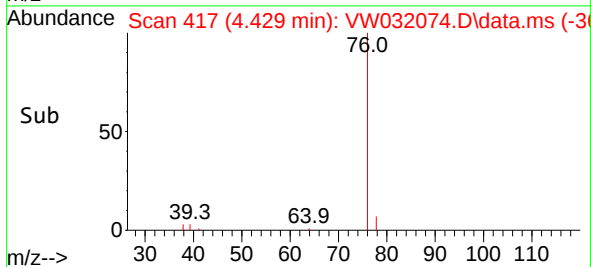
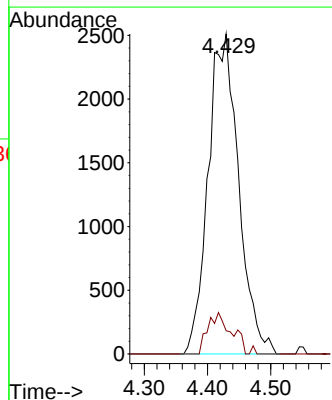
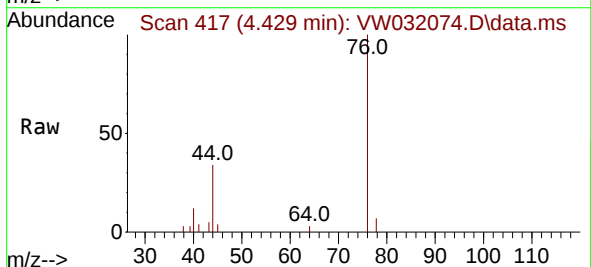
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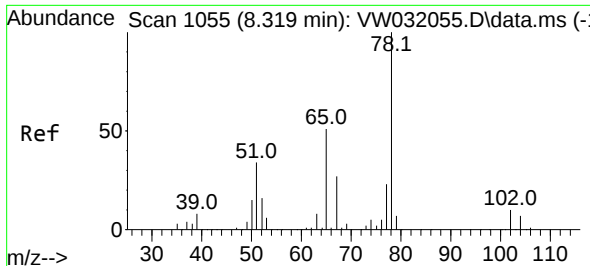
Tgt Ion: 76 Resp: 8408

Ion Ratio Lower Upper

76 100

78 7.2 6.4 9.6

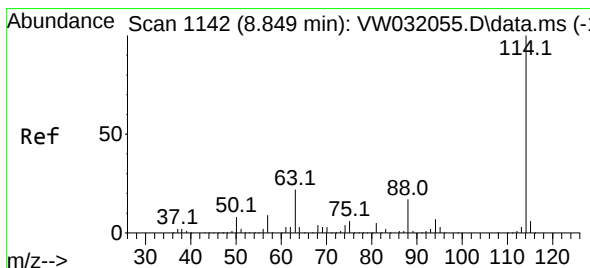
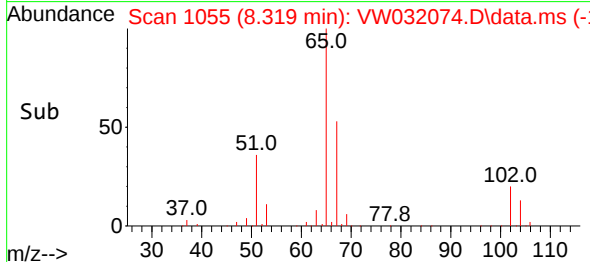
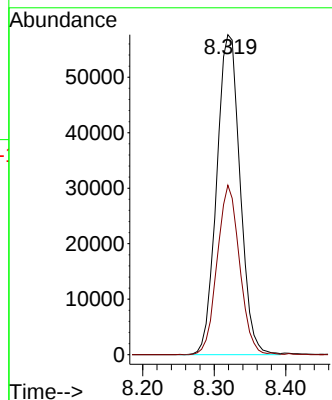
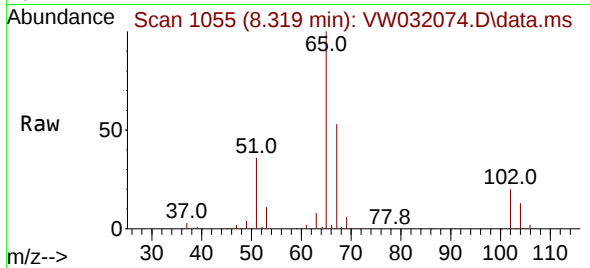




#33
 1,2-Dichloroethane-d4
 Concen: 53.983 ug/l
 RT: 8.319 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VW032074.D
 Acq: 11 Aug 2025 18:03

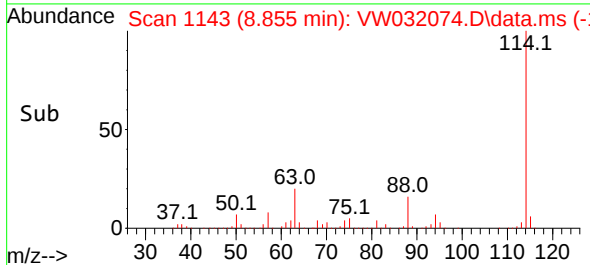
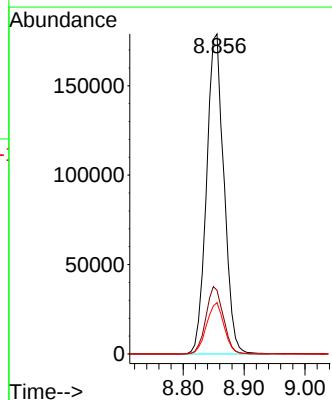
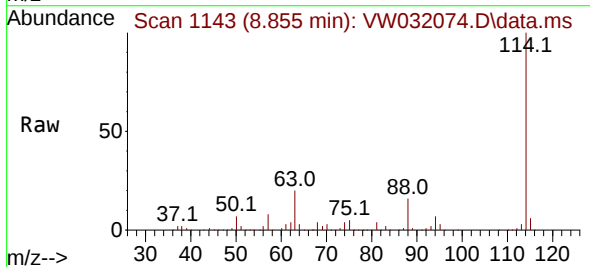
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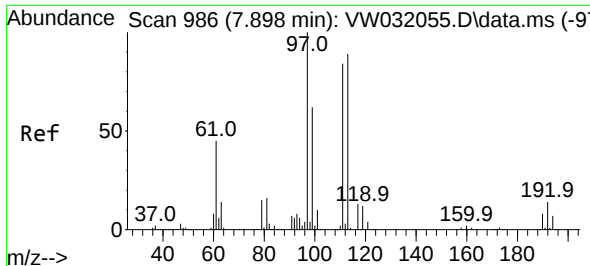
Tgt Ion: 65 Resp: 131102
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032074.D
 Acq: 11 Aug 2025 18:03

Tgt Ion: 114 Resp: 354178
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.0
 88 16.0 0.0 33.8

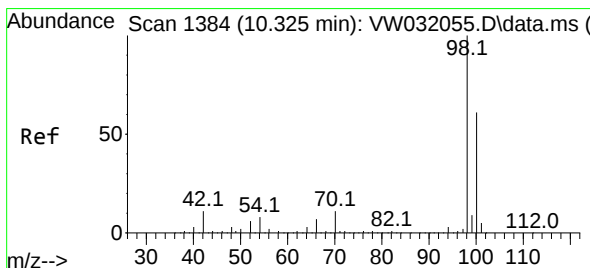
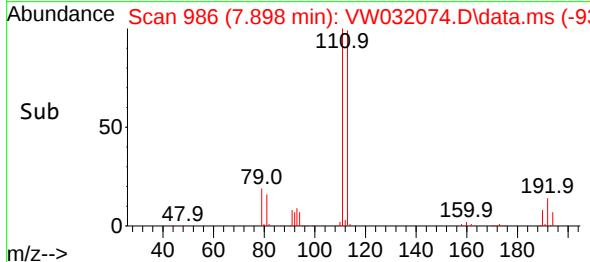
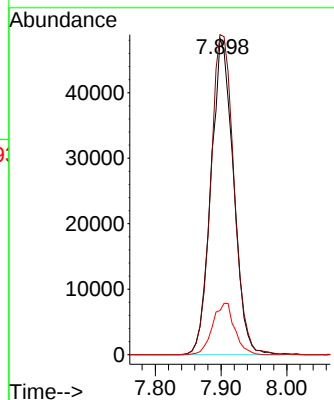
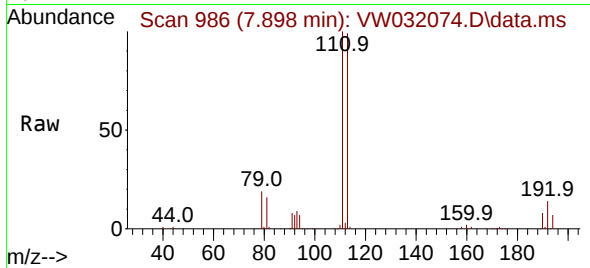




#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032074.D
Acq: 11 Aug 2025 18:03

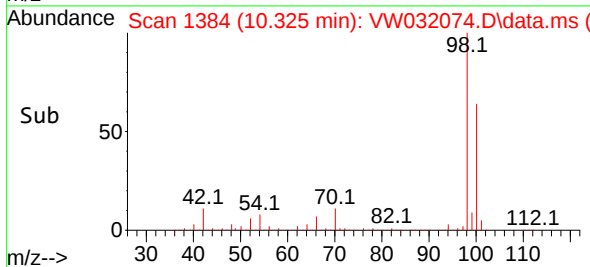
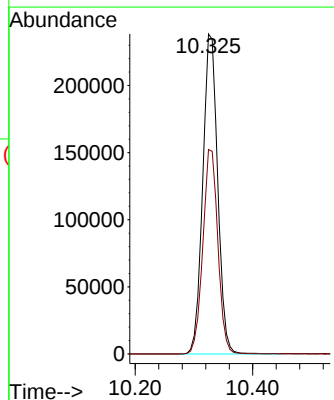
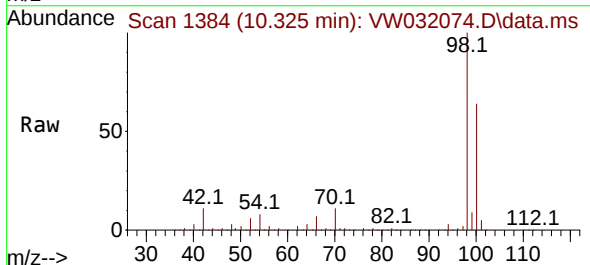
Instrument :
MSVOA_W
ClientSampleId :
22BP-S

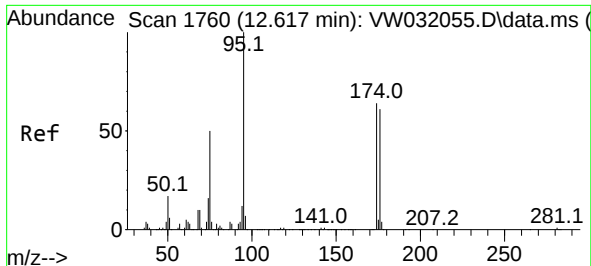
Tgt Ion:113 Resp: 114884
Ion Ratio Lower Upper
113 100
111 104.4 80.1 120.1
192 15.9 13.1 19.7



#50
Toluene-d8
Concen: 49.639 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032074.D
Acq: 11 Aug 2025 18:03

Tgt Ion: 98 Resp: 420096
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

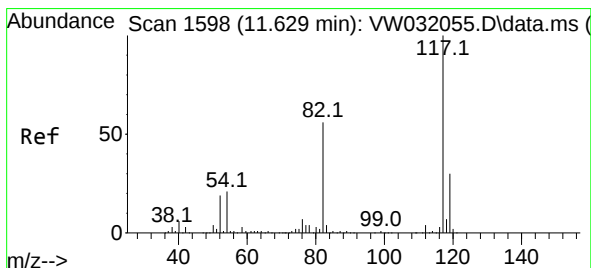
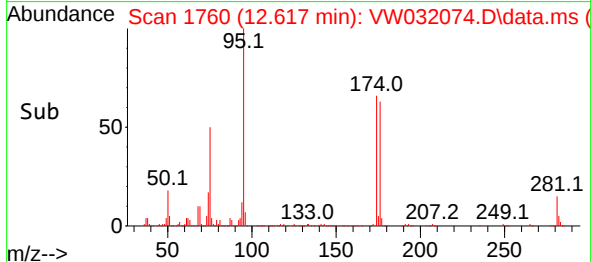
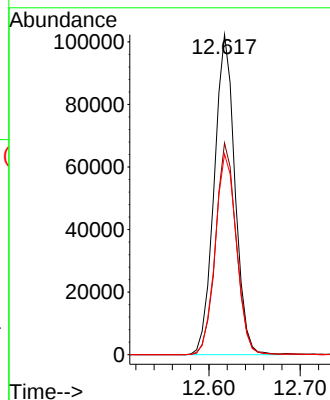
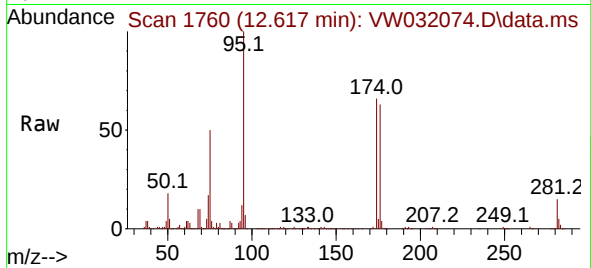




#62
4-Bromofluorobenzene
Concen: 51.644 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032074.D
Acq: 11 Aug 2025 18:03

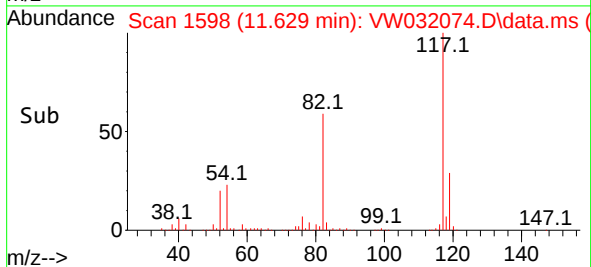
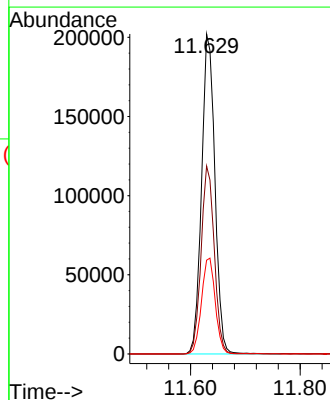
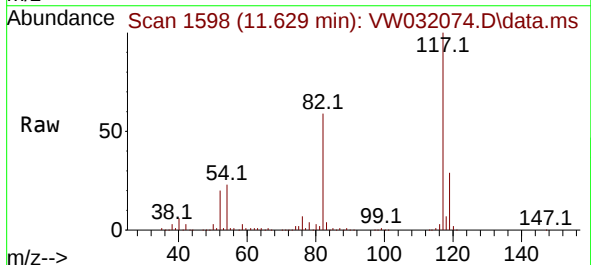
Instrument :
MSVOA_W
ClientSampleId :
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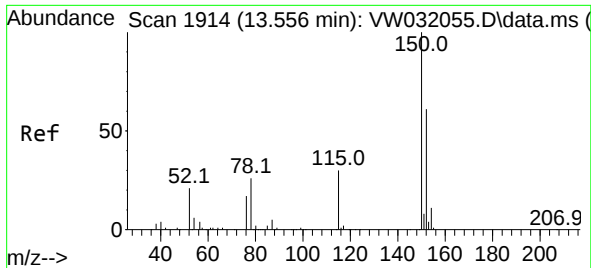
Tgt Ion: 95 Resp: 161066
Ion Ratio Lower Upper
95 100
174 65.8 0.0 129.0
176 64.5 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032074.D
Acq: 11 Aug 2025 18:03

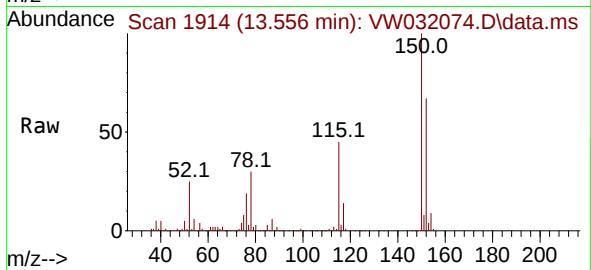
Tgt Ion: 117 Resp: 340658
Ion Ratio Lower Upper
117 100
82 58.7 45.0 67.4
119 29.3 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032074.D
 Acq: 11 Aug 2025 18:03

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-S



Tgt Ion:152 Resp: 157540
 Ion Ratio Lower Upper
 152 100
 115 67.5 32.6 97.8
 150 159.8 0.0 359.4

