

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032348.D
 Acq On : 03 Oct 2025 13:00
 Operator : SY/MD
 Sample : Q3277-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC1

Quant Time: Oct 04 05:02:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

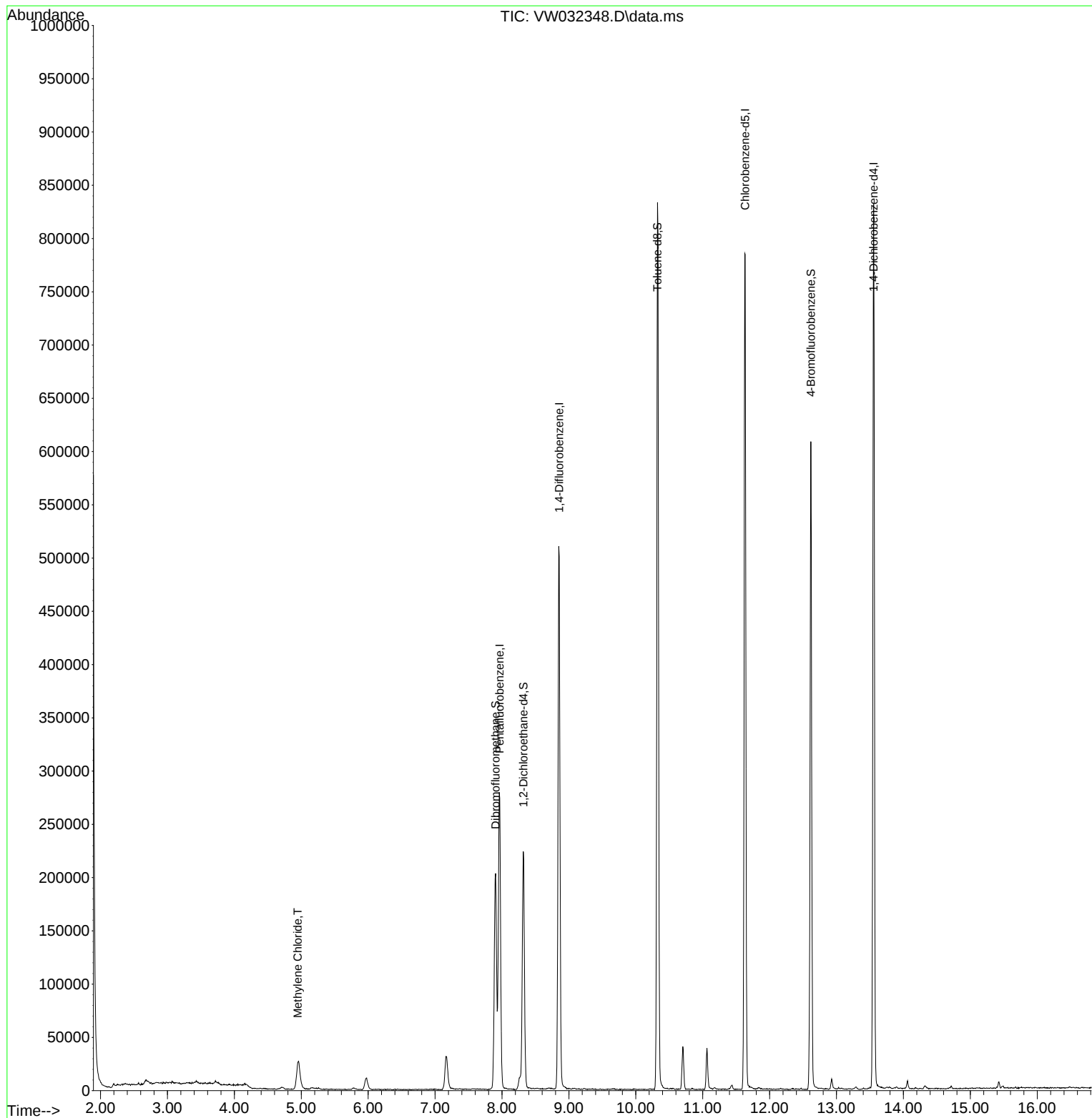
Internal Standards						
1) Pentafluorobenzene	7.965	168	196016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	428903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	434848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	211297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	183925	64.332	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	128.660%	
35) Dibromofluoromethane	7.904	113	154238	55.529	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	111.060%	
50) Toluene-d8	10.325	98	553678	54.009	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	108.020%	
62) 4-Bromofluorobenzene	12.617	95	207893	53.653	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	107.300%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.947	84	23258	3.951	ug/l	95

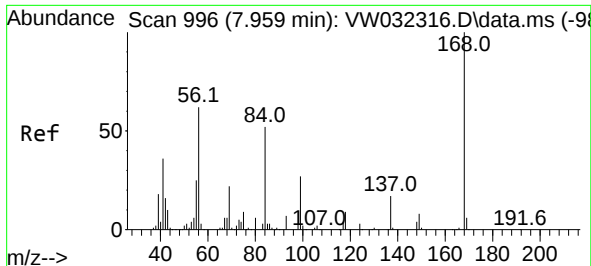
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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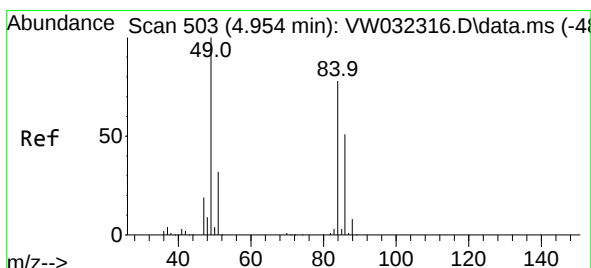
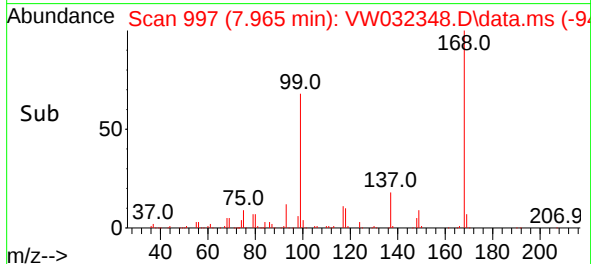
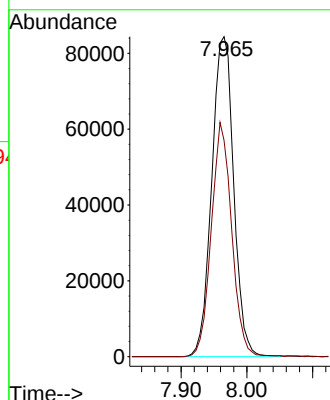
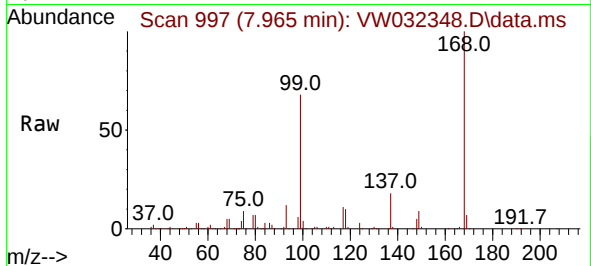




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

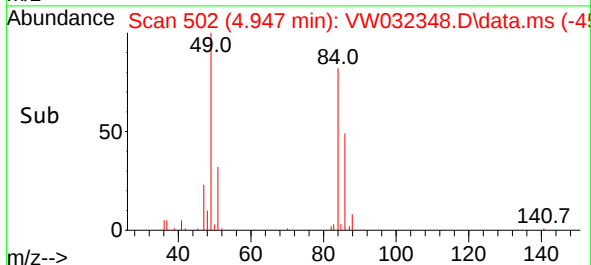
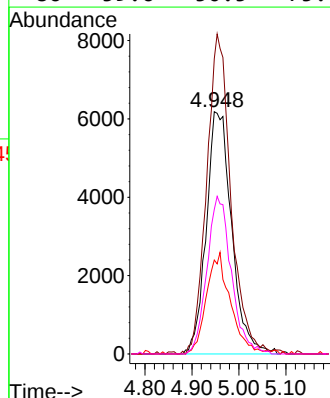
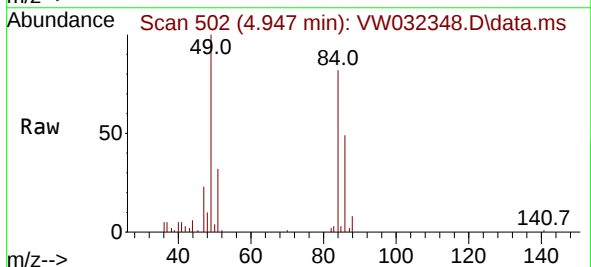
Instrument :
MSVOA_W
ClientSampleId :
WC1

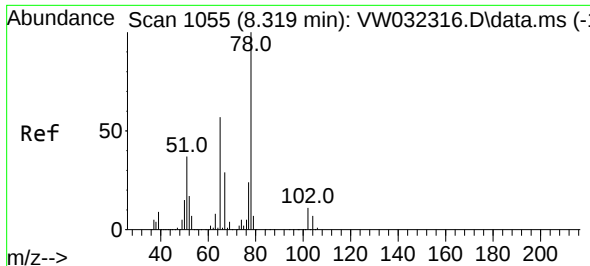
Tgt Ion:168 Resp: 196016
Ion Ratio Lower Upper
168 100
99 67.6 49.3 73.9



#20
Methylene Chloride
Concen: 3.951 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

Tgt Ion: 84 Resp: 23258
Ion Ratio Lower Upper
84 100
49 121.9 92.2 138.4
51 38.8 31.0 46.6
86 59.6 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 64.332 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032348.D

Acq: 03 Oct 2025 13:00

Instrument :

MSVOA_W

ClientSampleId :

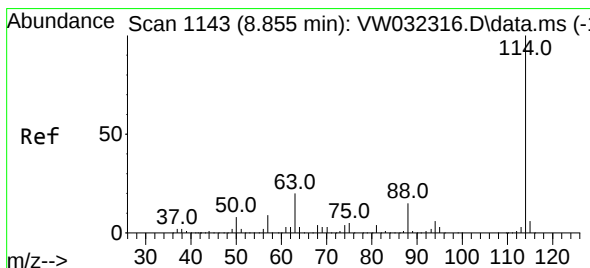
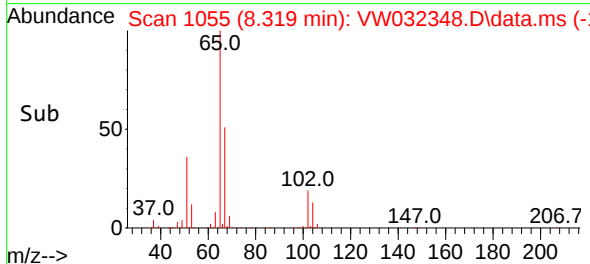
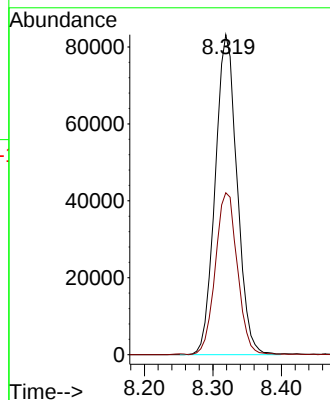
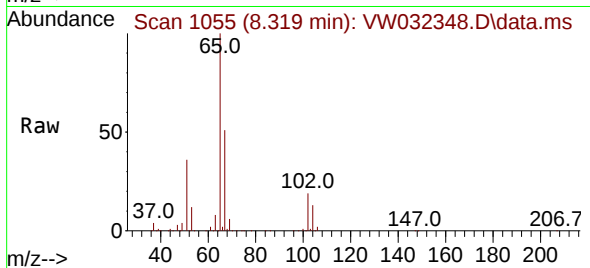
WC1

Tgt Ion: 65 Resp: 183925

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032348.D

Acq: 03 Oct 2025 13:00

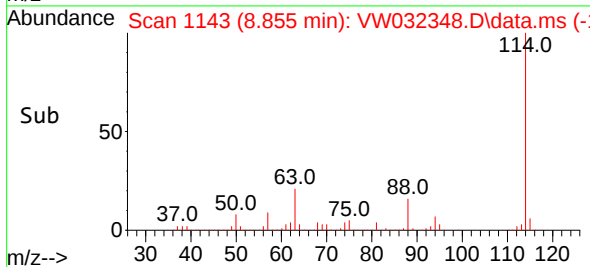
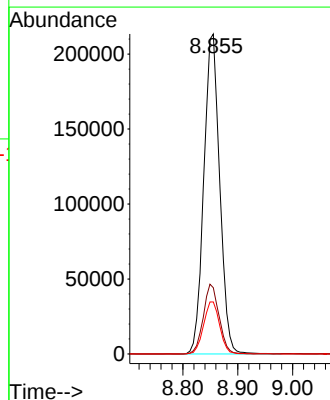
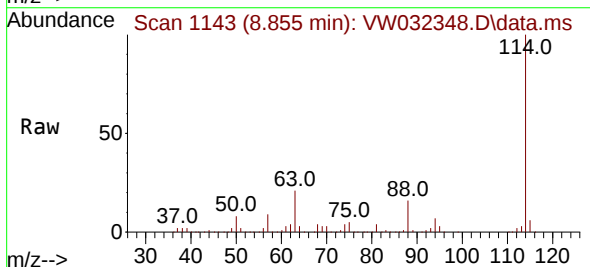
Tgt Ion: 114 Resp: 428903

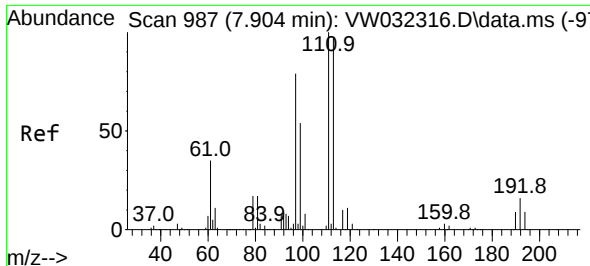
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

88 16.3 0.0 32.0

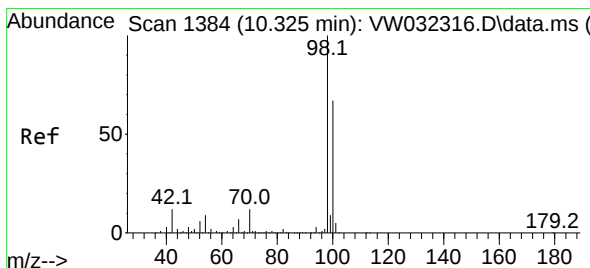
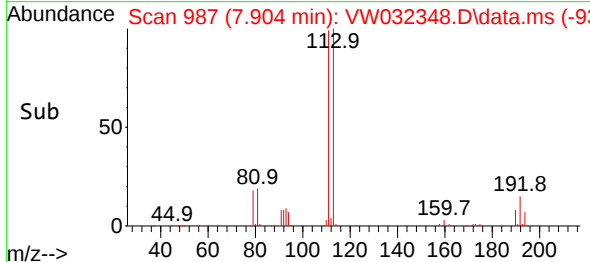
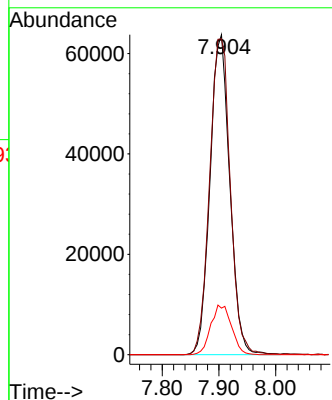
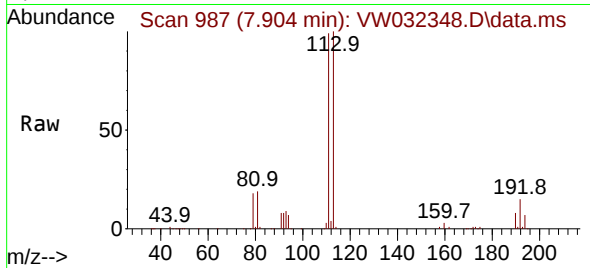




#35
 Dibromofluoromethane
 Concen: 55.529 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032348.D
 Acq: 03 Oct 2025 13:00

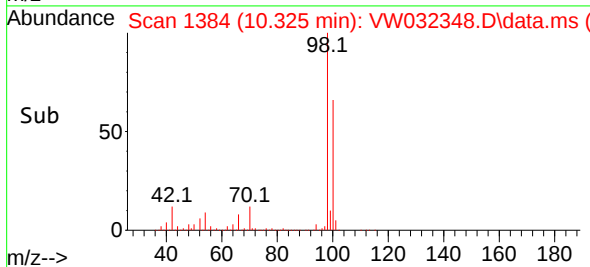
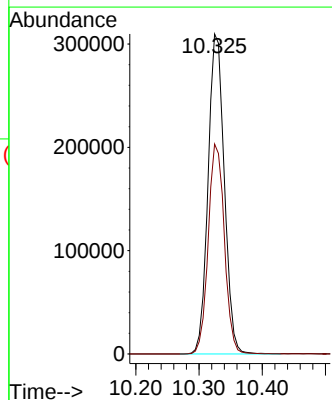
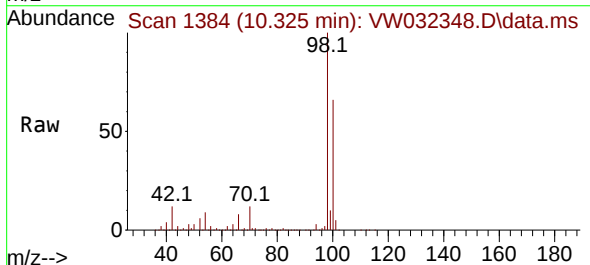
Instrument :
 MSVOA_W
 ClientSampleId :
 WC1

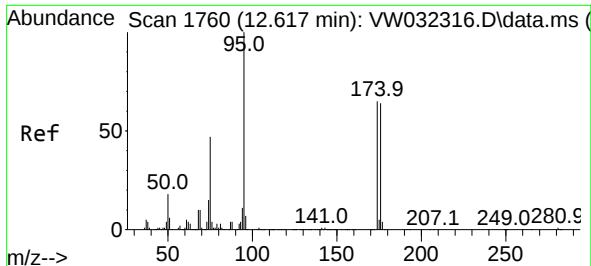
Tgt Ion:113 Resp: 154238
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.9 125.9
 192 16.3 14.6 21.8



#50
 Toluene-d8
 Concen: 54.009 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032348.D
 Acq: 03 Oct 2025 13:00

Tgt Ion: 98 Resp: 553678
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.2

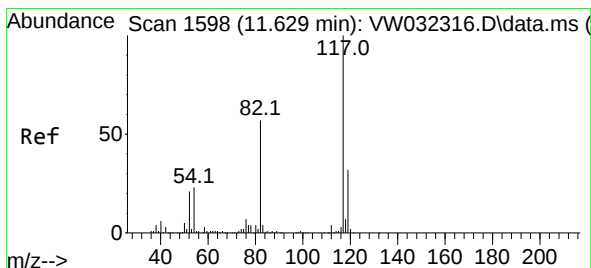
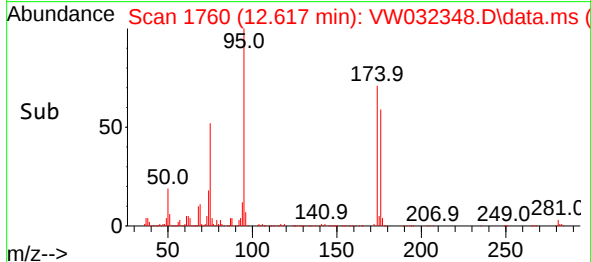
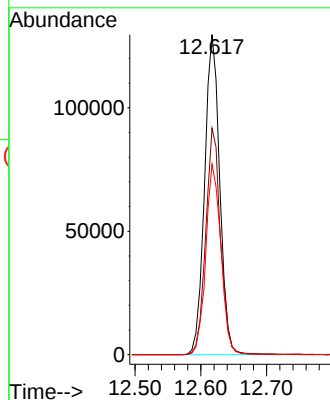
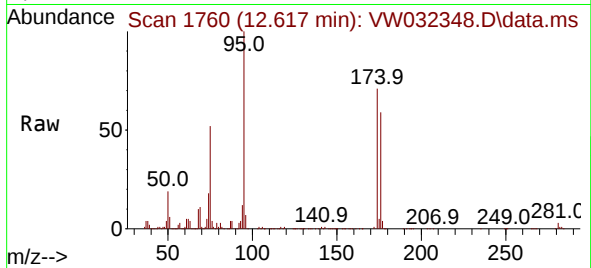




#62
4-Bromofluorobenzene
Concen: 53.653 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

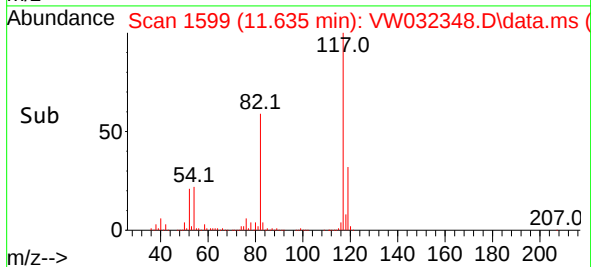
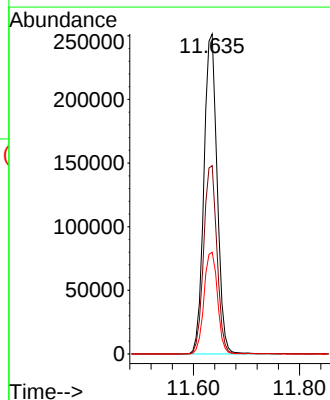
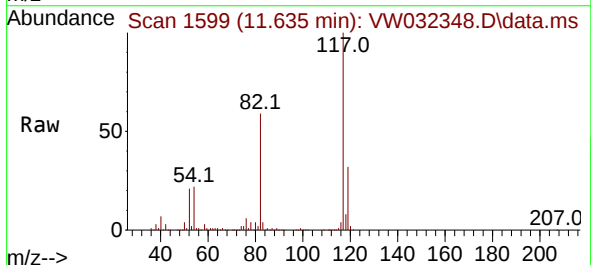
Instrument :
MSVOA_W
ClientSampleId :
WC1

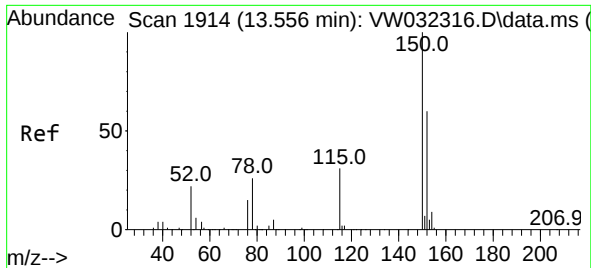
Tgt Ion: 95 Resp: 207893
Ion Ratio Lower Upper
95 100
174 69.3 0.0 145.6
176 59.8 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032348.D
Acq: 03 Oct 2025 13:00

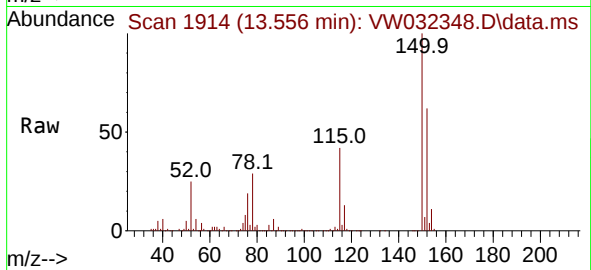
Tgt Ion:117 Resp: 434848
Ion Ratio Lower Upper
117 100
82 58.9 42.7 64.1
119 31.7 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032348.D
 Acq: 03 Oct 2025 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 WC1



Tgt Ion:152 Resp: 211297
 Ion Ratio Lower Upper
 152 100
 115 64.6 31.8 95.4
 150 156.7 0.0 343.0

