

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032063.D
 Acq On : 11 Aug 2025 14:00
 Operator : SY/MD
 Sample : Q2807-01
 Misc : 5.50g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-4

Quant Time: Aug 12 04:25:07 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)

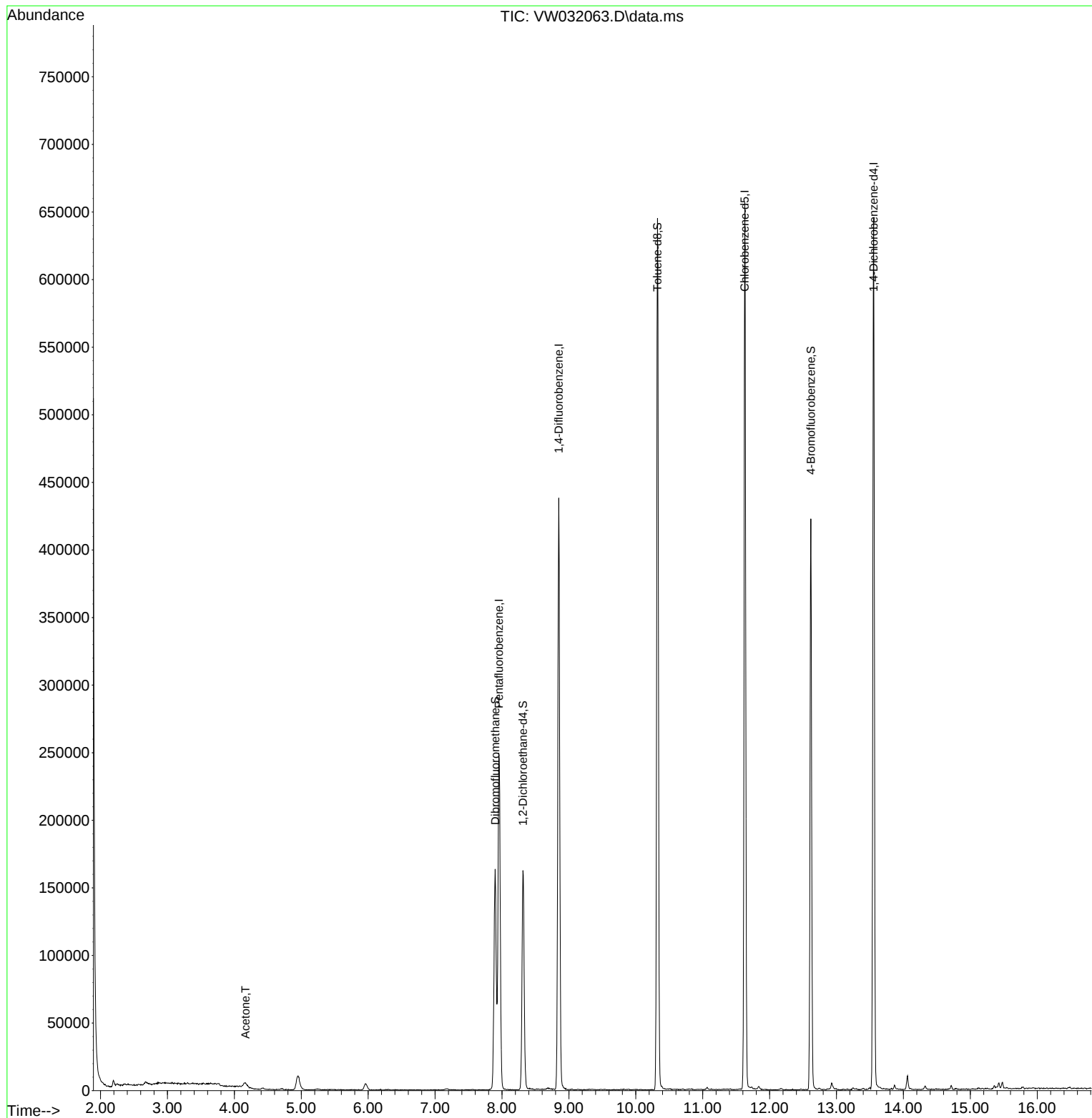
Internal Standards						
1) Pentafluorobenzene	7.953	168	176773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	364442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	350298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	132937	51.997	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 104.000%		
35) Dibromofluoromethane	7.898	113	118646	50.392	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 100.780%		
50) Toluene-d8	10.325	98	432952	49.717	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 99.440%		
62) 4-Bromofluorobenzene	12.617	95	153542	47.845	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 95.700%		
Target Compounds						Qvalue
16) Acetone	4.167	43	5683	9.601	ug/l	92

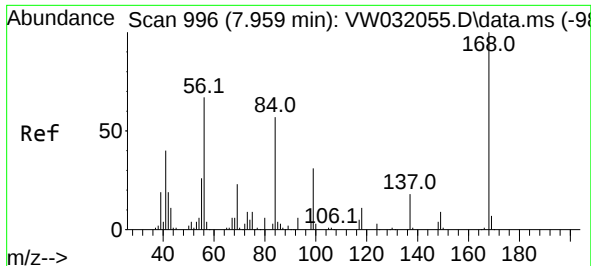
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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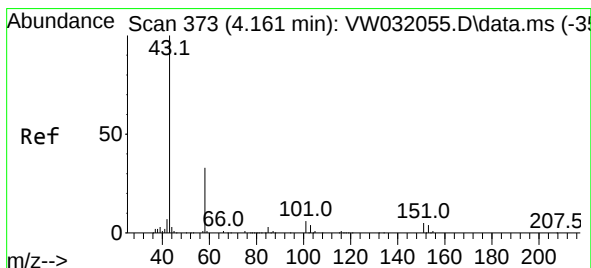
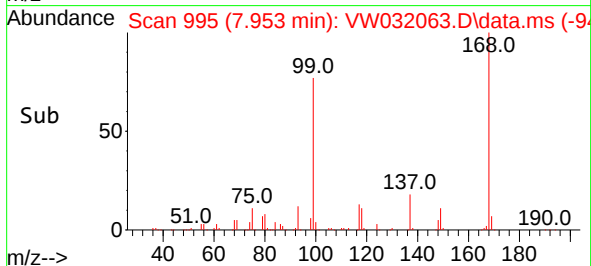
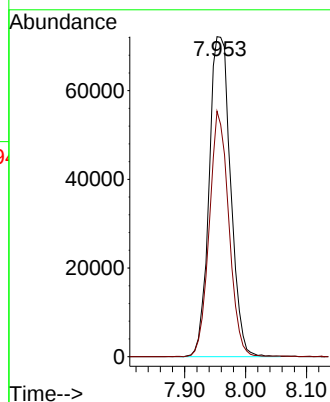
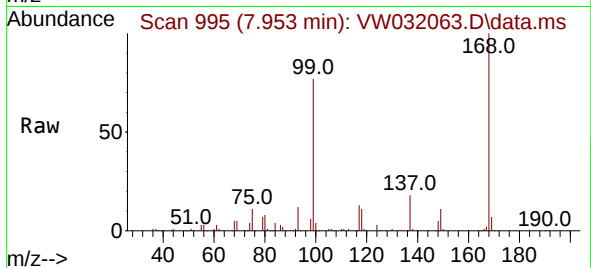




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW032063.D
Acq: 11 Aug 2025 14:00

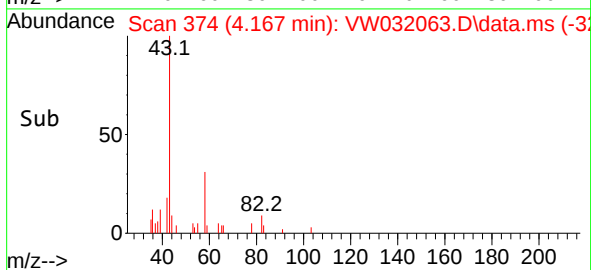
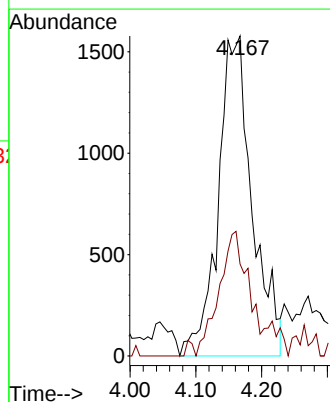
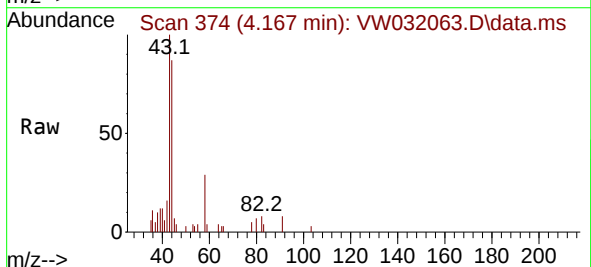
Instrument :
MSVOA_W
ClientSampleId :
COMP-4

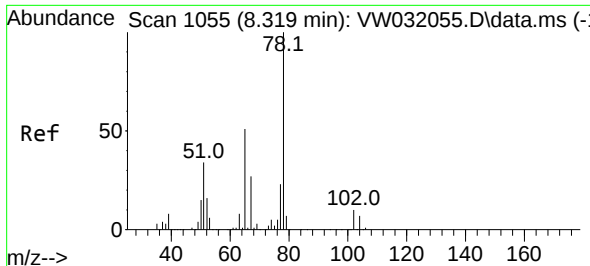
Tgt Ion:168 Resp: 176773
Ion Ratio Lower Upper
168 100
99 76.6 56.0 84.0



#16
Acetone
Concen: 9.601 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032063.D
Acq: 11 Aug 2025 14:00

Tgt Ion: 43 Resp: 5683
Ion Ratio Lower Upper
43 100
58 28.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 51.997 ug/l

RT: 8.313 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VW032063.D

Acq: 11 Aug 2025 14:00

Instrument :

MSVOA_W

ClientSampleId :

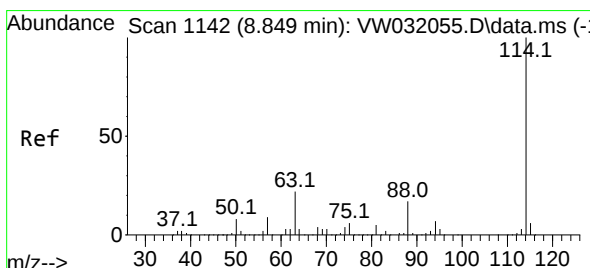
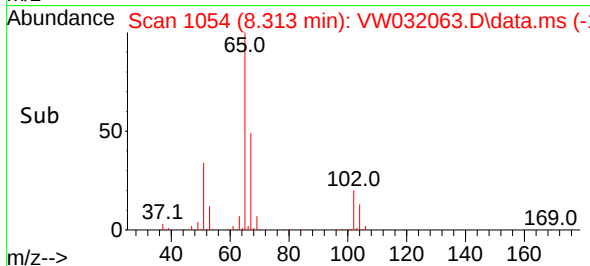
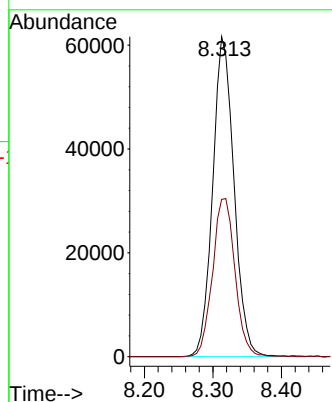
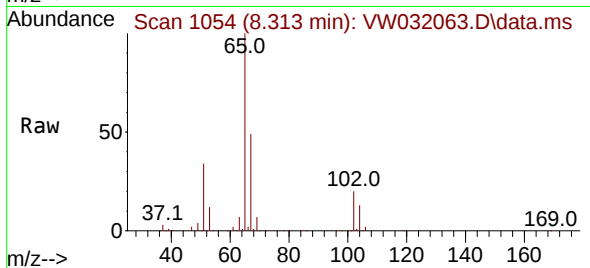
COMP-4

Tgt Ion: 65 Resp: 132937

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032063.D

Acq: 11 Aug 2025 14:00

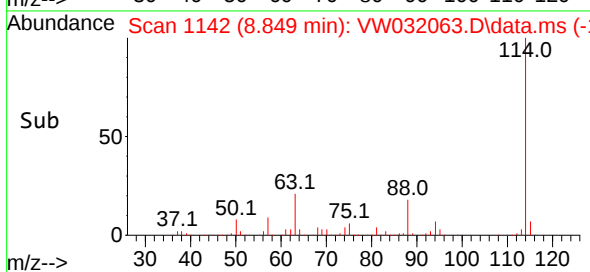
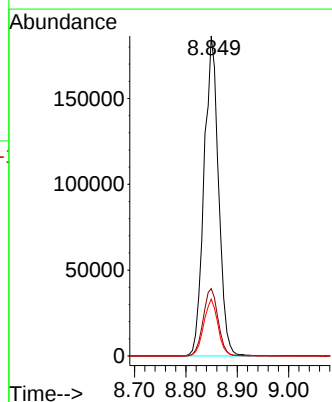
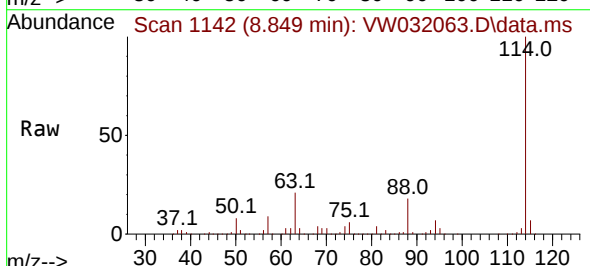
Tgt Ion: 114 Resp: 364442

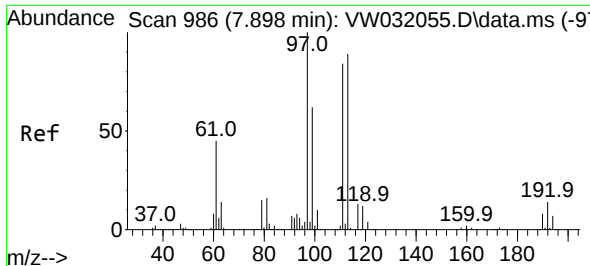
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 17.7 0.0 33.8

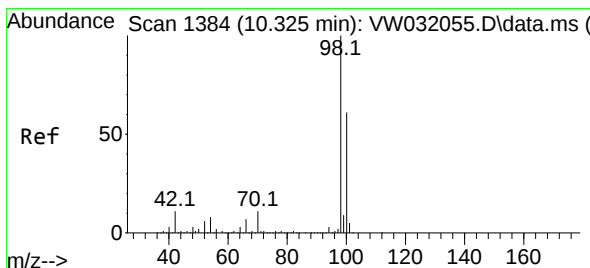
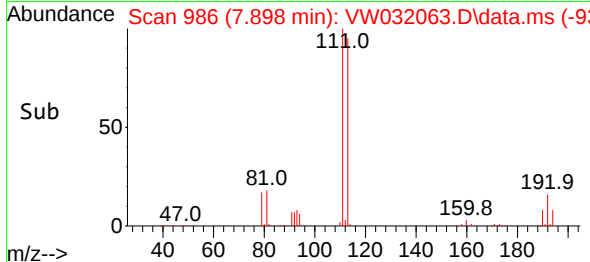
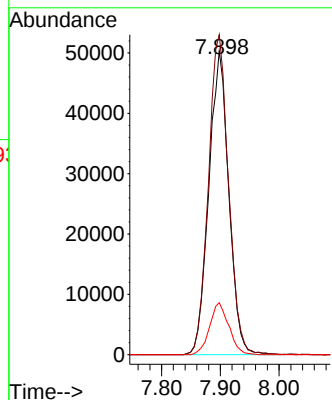
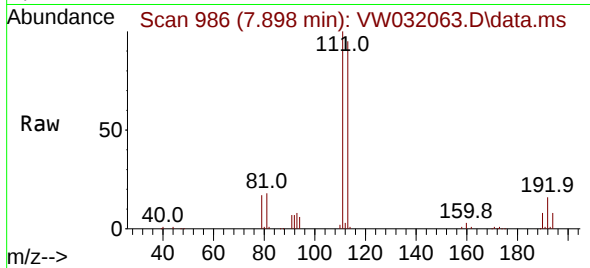




#35
Dibromofluoromethane
Concen: 50.392 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032063.D
Acq: 11 Aug 2025 14:00

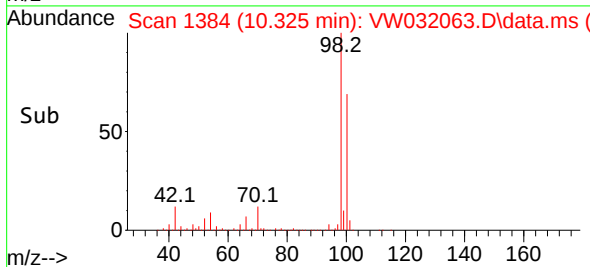
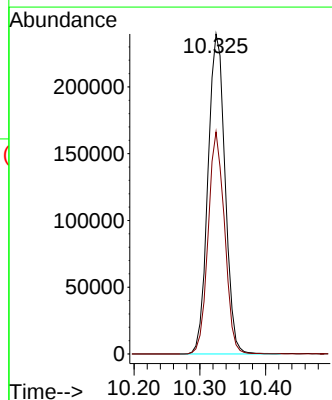
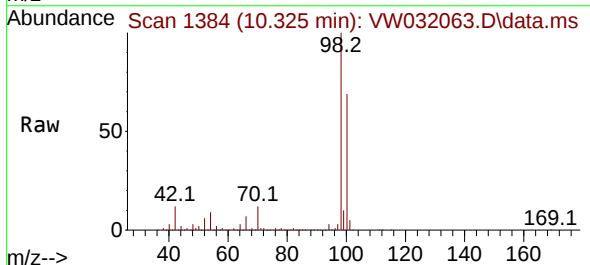
Instrument :
MSVOA_W
ClientSampleId :
COMP-4

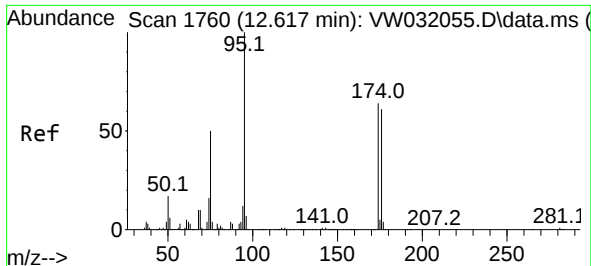
Tgt Ion:113 Resp: 118646
Ion Ratio Lower Upper
113 100
111 106.4 80.1 120.1
192 16.5 13.1 19.7



#50
Toluene-d8
Concen: 49.717 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032063.D
Acq: 11 Aug 2025 14:00

Tgt Ion: 98 Resp: 432952
Ion Ratio Lower Upper
98 100
100 66.6 51.1 76.7

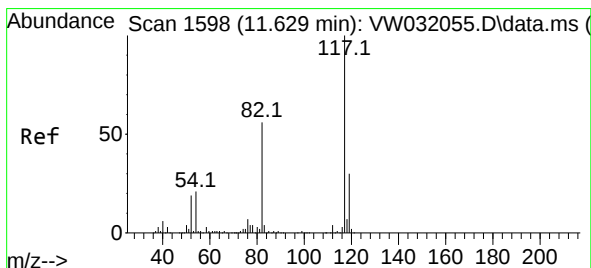
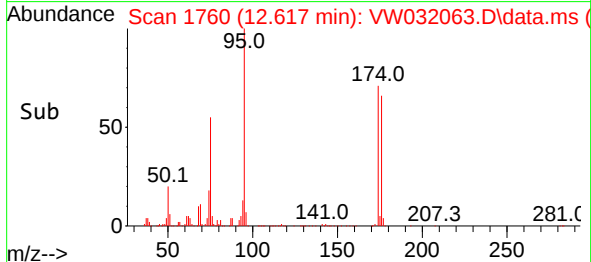
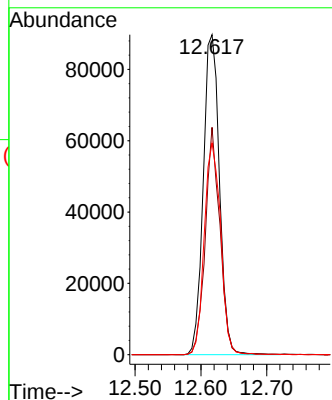
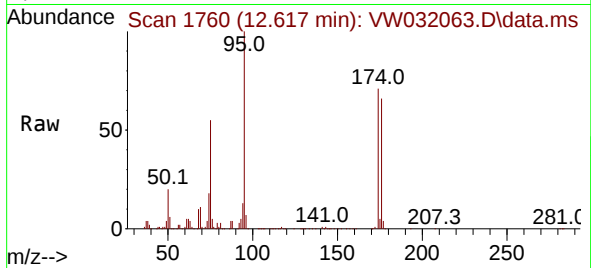




#62
4-Bromofluorobenzene
Concen: 47.845 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032063.D
Acq: 11 Aug 2025 14:00

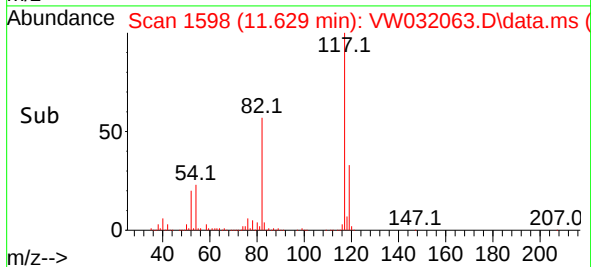
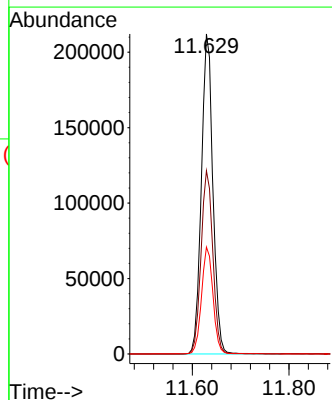
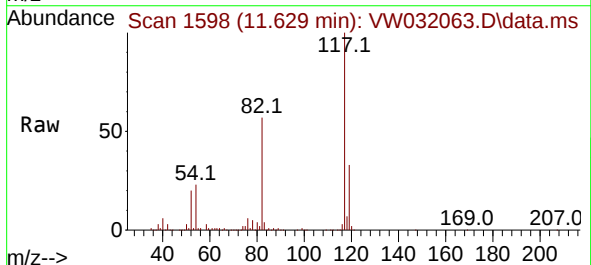
Instrument :
MSVOA_W
ClientSampleId :
COMP-4

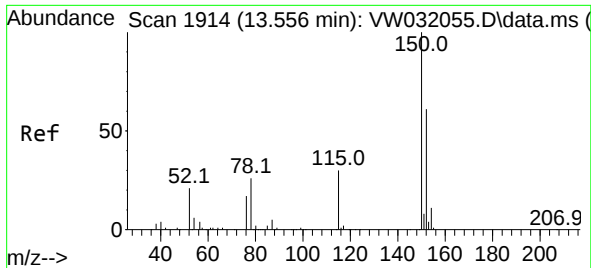
Tgt Ion: 95 Resp: 153542
Ion Ratio Lower Upper
95 100
174 64.2 0.0 129.0
176 67.1 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032063.D
Acq: 11 Aug 2025 14:00

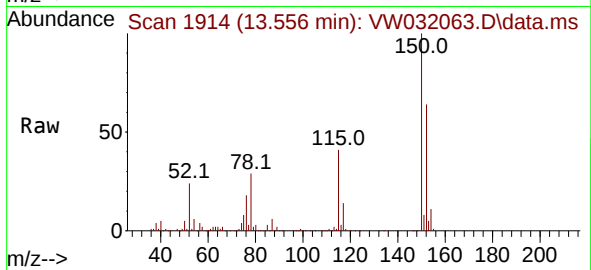
Tgt Ion: 117 Resp: 350298
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 33.4 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032063.D
 Acq: 11 Aug 2025 14:00

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-4



Tgt Ion:152 Resp: 165686
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.6 97.8
 150 157.1 0.0 359.4

