

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032278.D
 Acq On : 26 Sep 2025 14:23
 Operator : SY/MD
 Sample : Q3220-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-092625

Quant Time: Sep 29 08:38:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

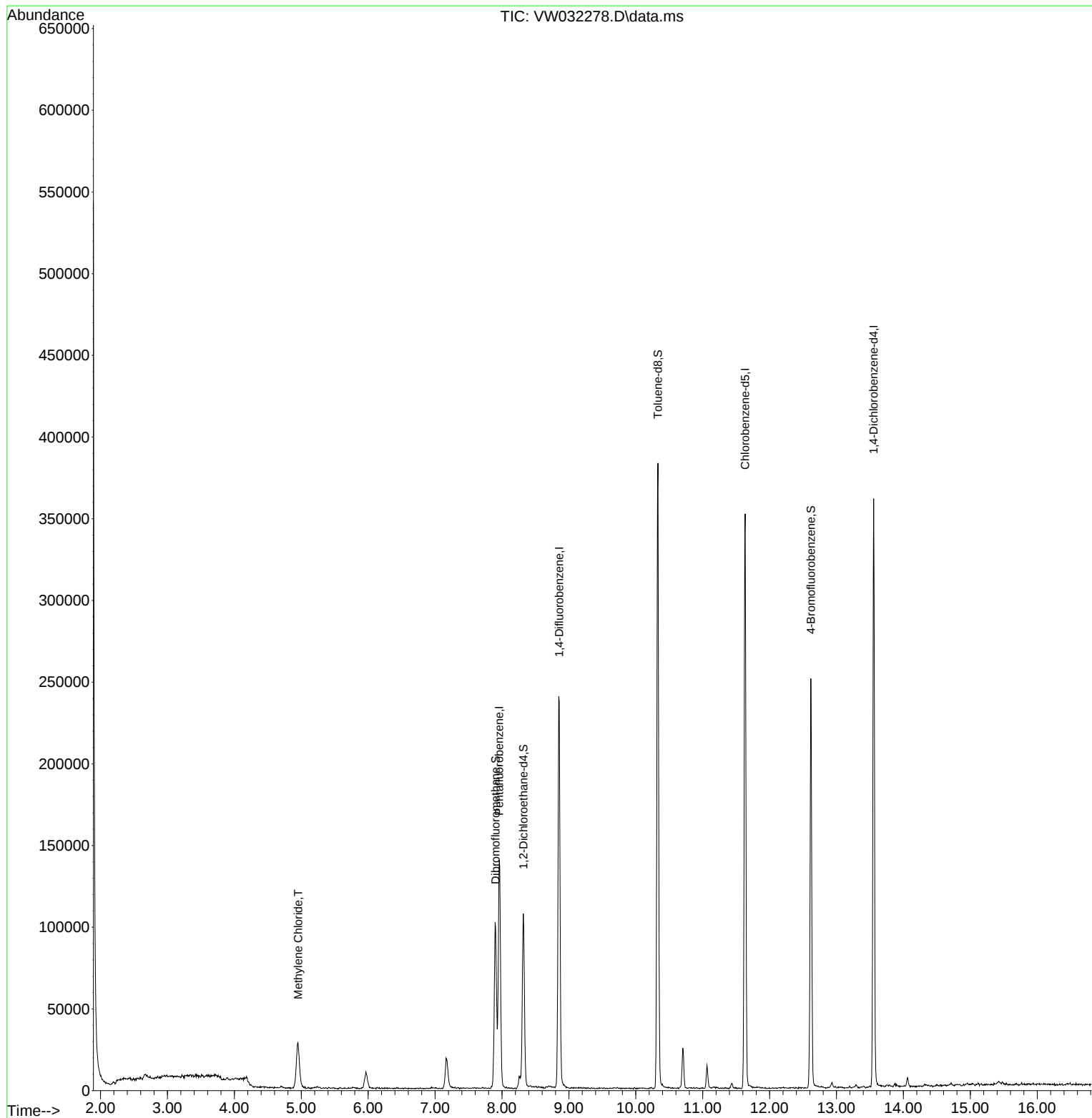
Internal Standards						
1) Pentafluorobenzene	7.959	168	95889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	210189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	194904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	92577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	88035	58.145	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	116.280%	
35) Dibromofluoromethane	7.904	113	74551	49.319	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	98.640%	
50) Toluene-d8	10.331	98	248704	45.652	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	91.300%	
62) 4-Bromofluorobenzene	12.617	95	86151	41.924	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	83.840%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.954	84	22092	9.636	ug/l	94

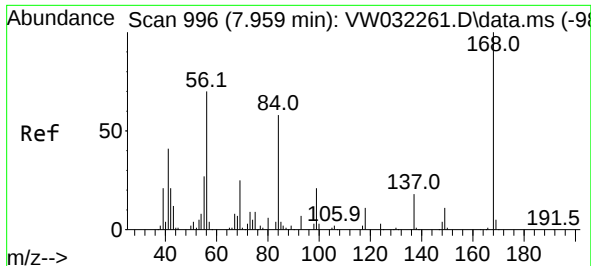
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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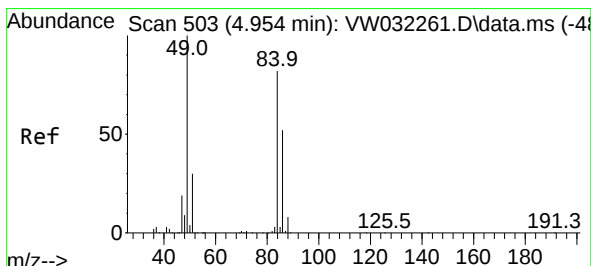
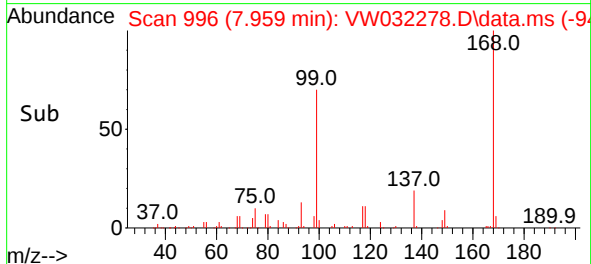
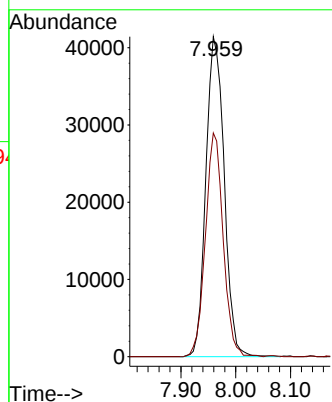
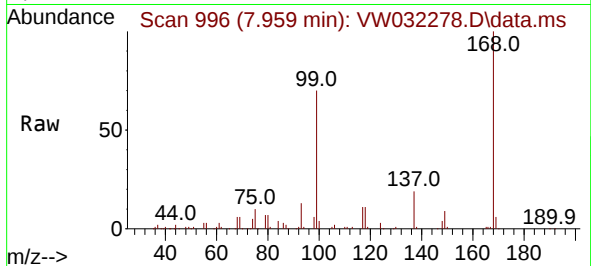




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032278.D
Acq: 26 Sep 2025 14:23

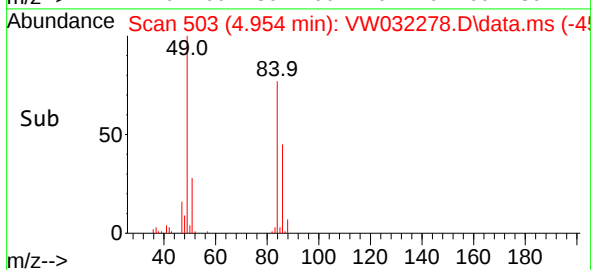
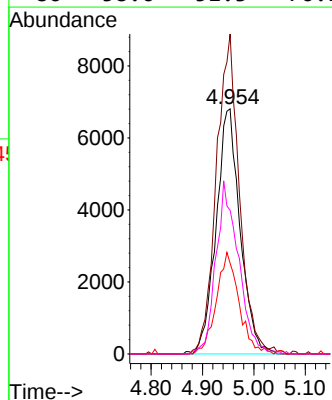
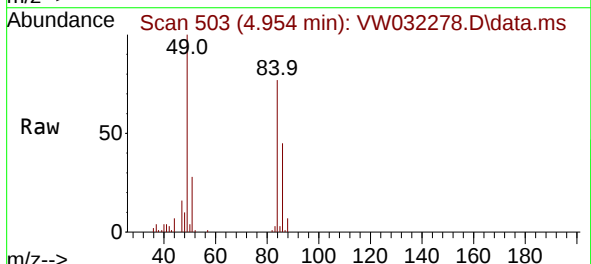
Instrument :
MSVOA_W
ClientSampleId :
OR-03-092625

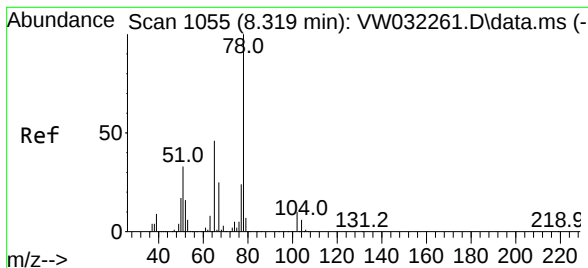
Tgt Ion:168 Resp: 95889
Ion Ratio Lower Upper
168 100
99 69.9 55.0 82.4



#20
Methylene Chloride
Concen: 9.636 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032278.D
Acq: 26 Sep 2025 14:23

Tgt Ion: 84 Resp: 22092
Ion Ratio Lower Upper
84 100
49 130.5 97.8 146.6
51 37.0 29.9 44.9
86 58.6 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 58.145 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032278.D

Acq: 26 Sep 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

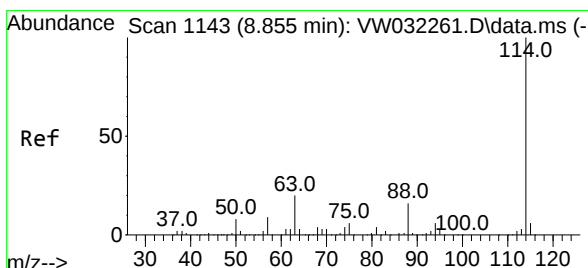
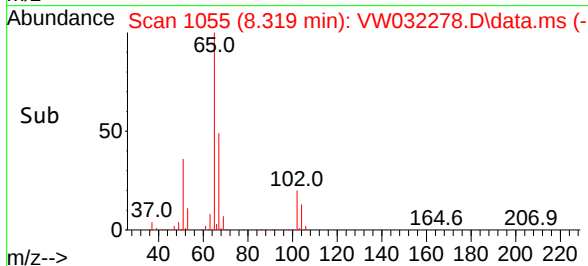
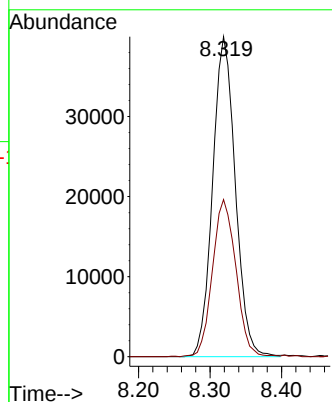
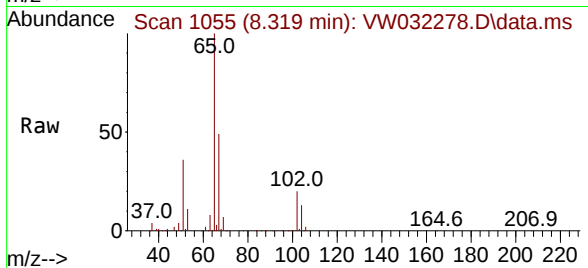
OR-03-092625

Tgt Ion: 65 Resp: 88035

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032278.D

Acq: 26 Sep 2025 14:23

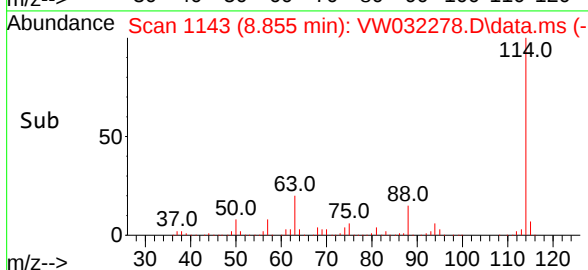
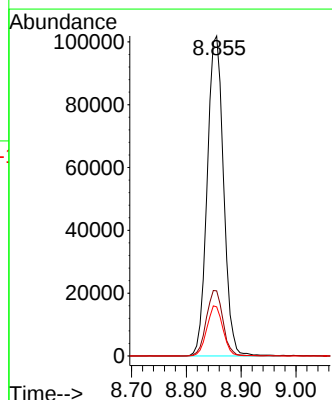
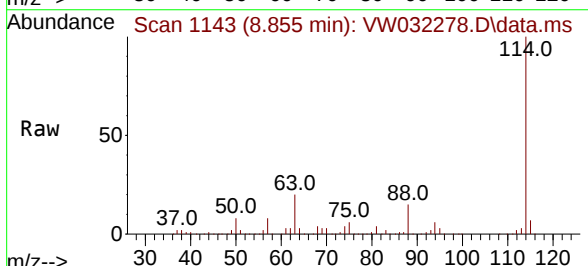
Tgt Ion: 114 Resp: 210189

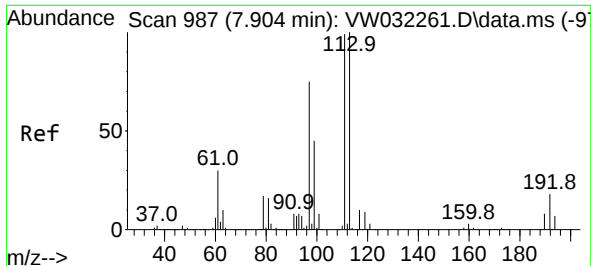
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.3 0.0 32.0

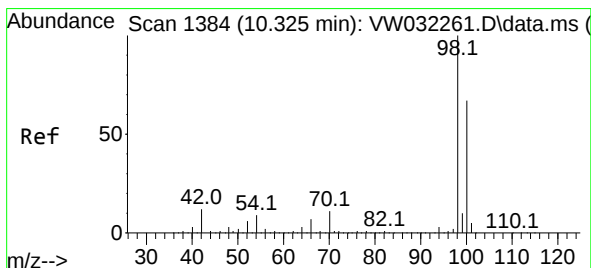
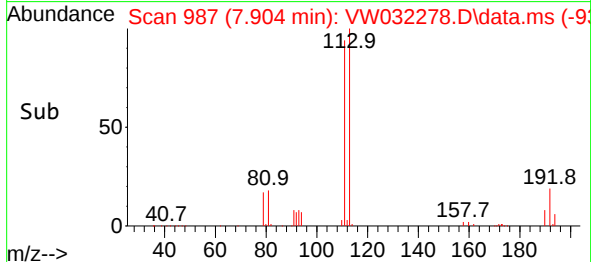
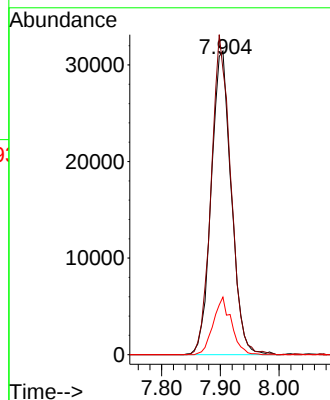
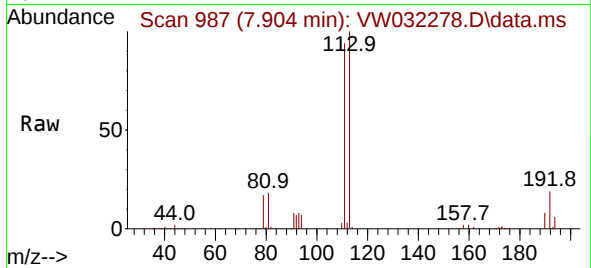




#35
 Dibromofluoromethane
 Concen: 49.319 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032278.D
 Acq: 26 Sep 2025 14:23

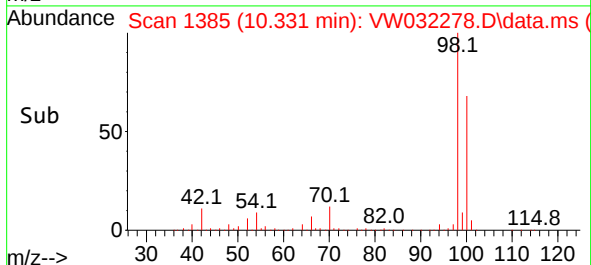
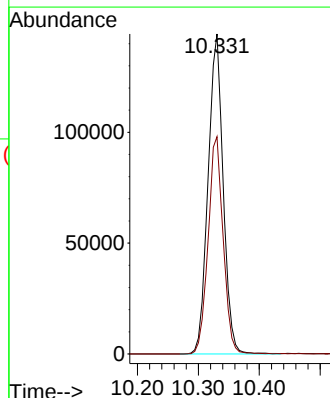
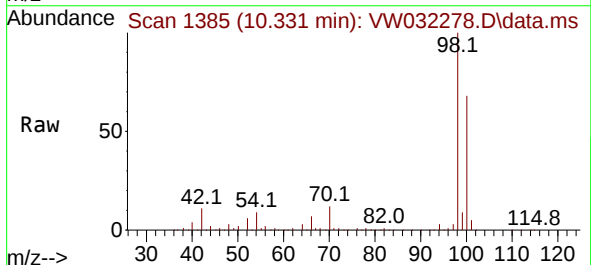
Instrument :
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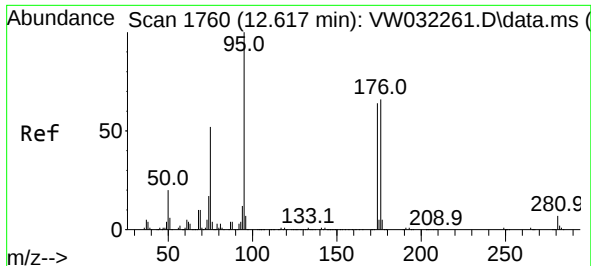
Tgt Ion:	113	Resp:	74551
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	17.2	13.0	19.4



#50
 Toluene-d8
 Concen: 45.652 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032278.D
 Acq: 26 Sep 2025 14:23

Tgt Ion:	98	Resp:	248704
Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4

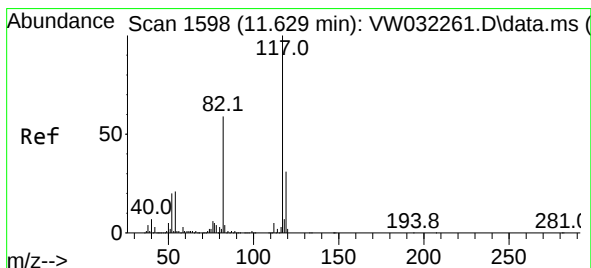
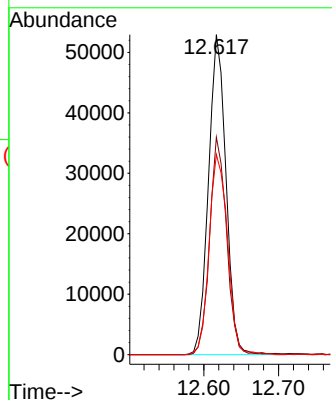
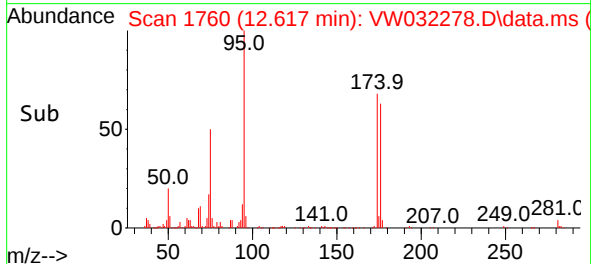
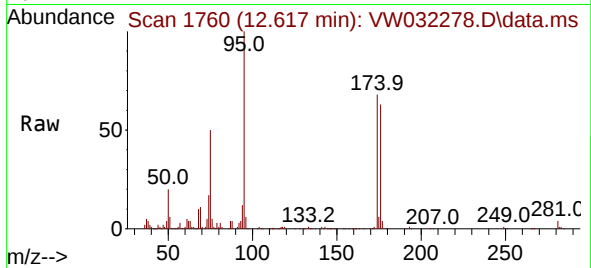




#62
4-Bromofluorobenzene
Concen: 41.924 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032278.D
Acq: 26 Sep 2025 14:23

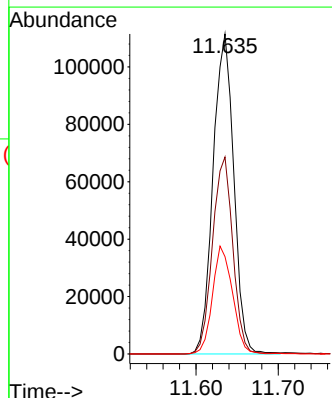
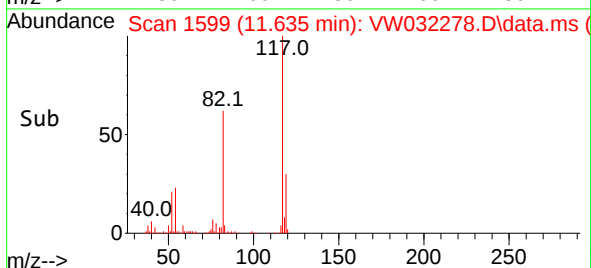
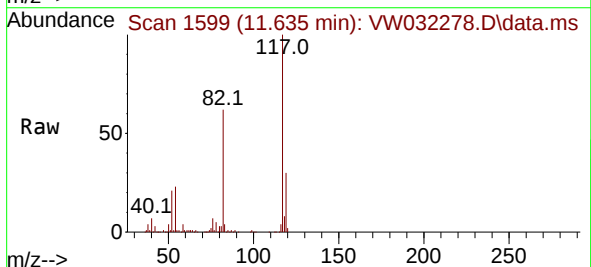
Instrument :
MSVOA_W
ClientSampleId :
OR-03-092625

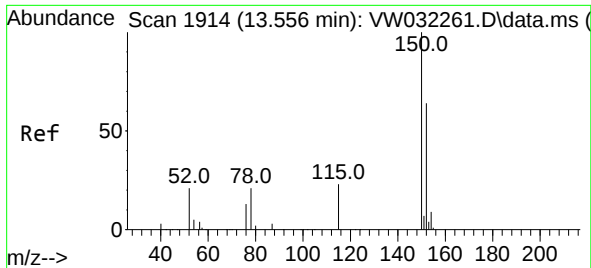
Tgt Ion: 95 Resp: 86151
Ion Ratio Lower Upper
95 100
174 65.9 0.0 130.6
176 65.9 0.0 127.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032278.D
Acq: 26 Sep 2025 14:23

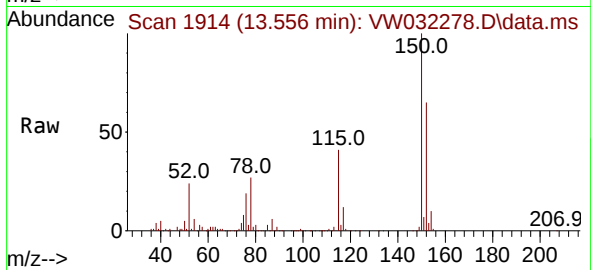
Tgt Ion: 117 Resp: 194904
Ion Ratio Lower Upper
117 100
82 61.5 46.9 70.3
119 30.4 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032278.D
 Acq: 26 Sep 2025 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-092625



Tgt Ion:152 Resp: 92577
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.5 97.5
 150 153.8 0.0 370.2

