

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031781.D
 Acq On : 09 Jul 2025 17:08
 Operator : SY/MD
 Sample : Q2529-04
 Misc : 6.68g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-95

Quant Time: Jul 10 01:29:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

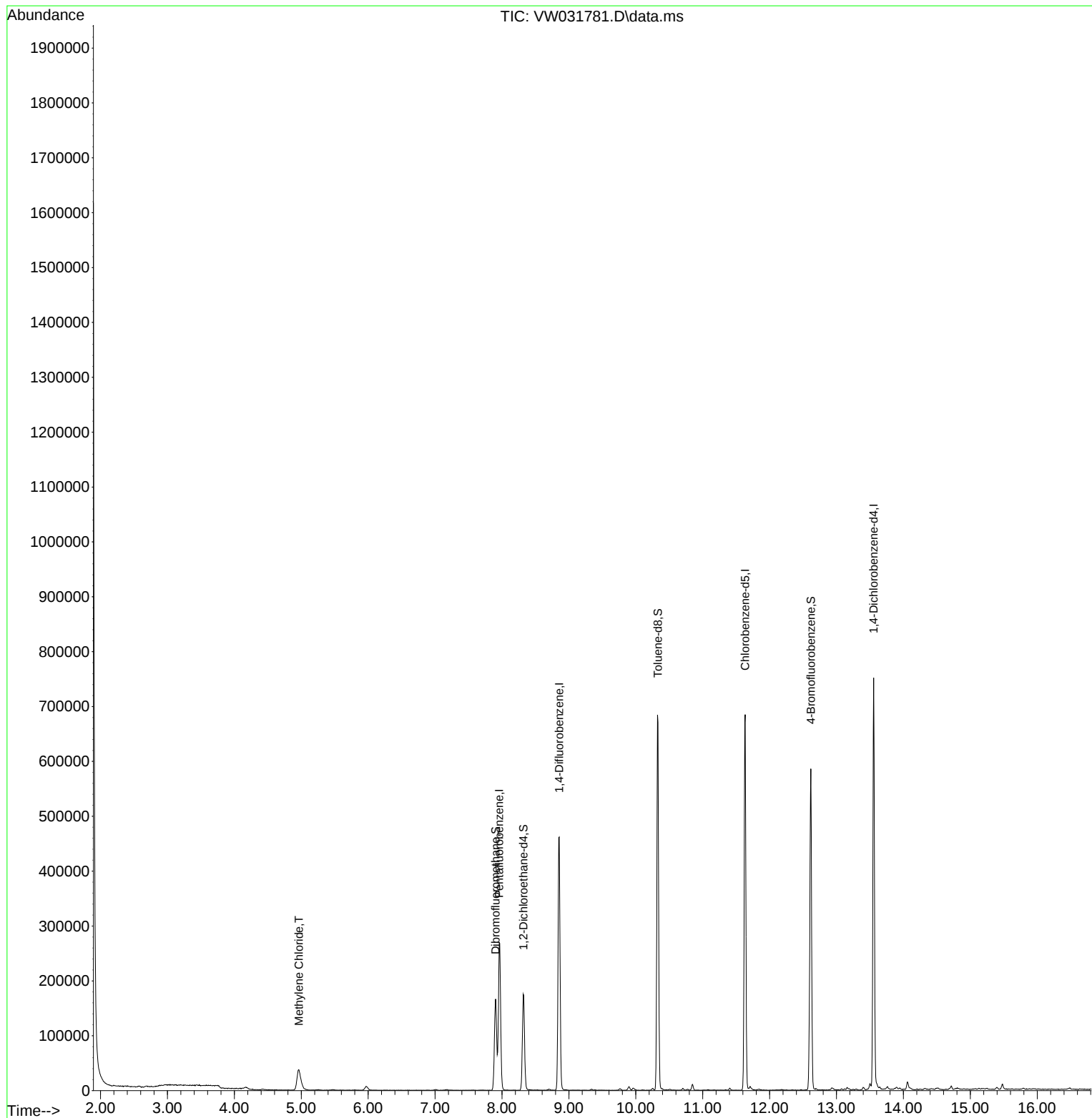
Internal Standards						
1) Pentafluorobenzene	7.959	168	184533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	394765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	367784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	184499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148653	56.132	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	112.260%
35) Dibromofluoromethane	7.904	113	120131	46.634	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.260%
50) Toluene-d8	10.331	98	455443	47.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.617	95	178061	50.474	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.940%
Target Compounds						
20) Methylene Chloride	4.966	84	33525	9.086	ug/l	97

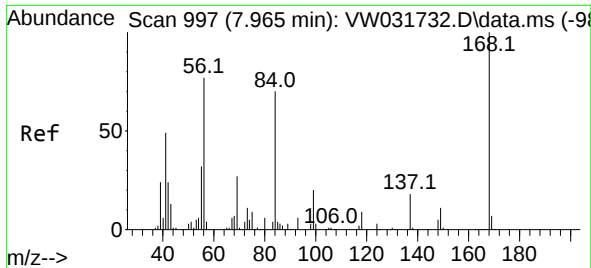
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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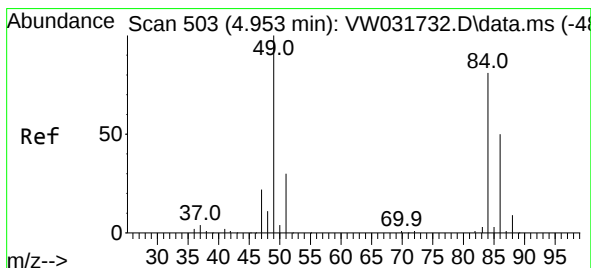
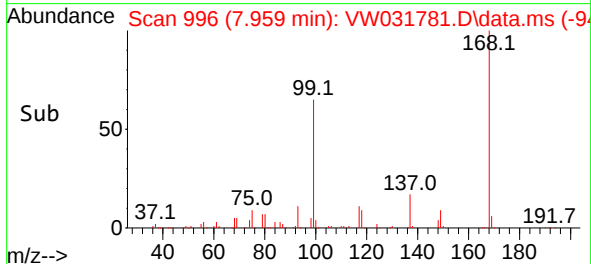
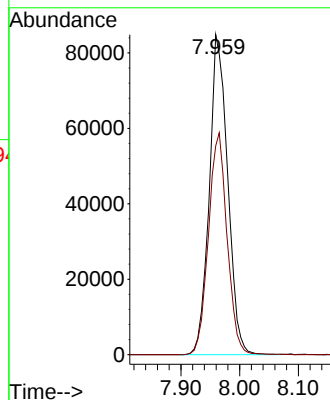
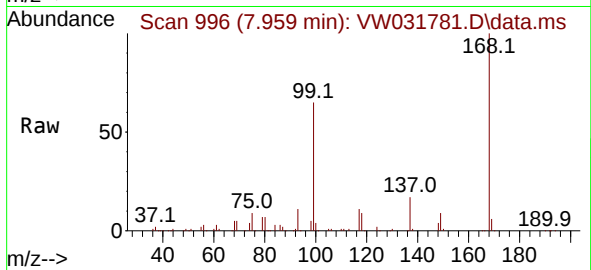




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031781.D
Acq: 09 Jul 2025 17:08

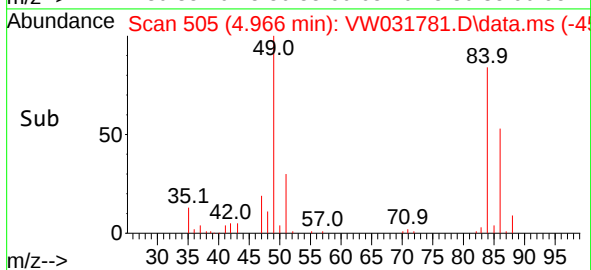
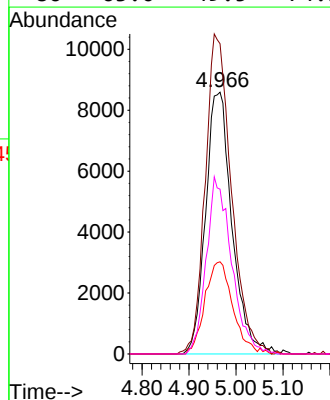
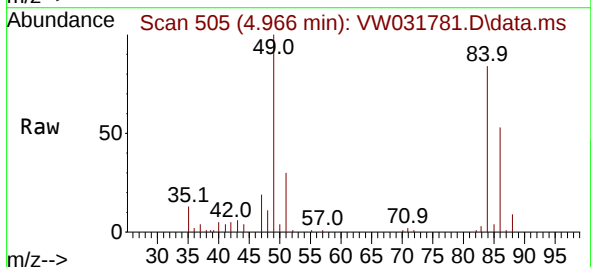
Instrument :
MSVOA_W
ClientSampleId :
TP-95

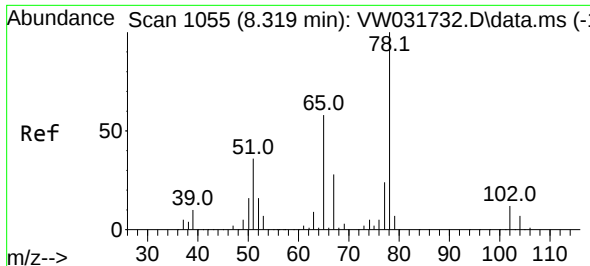
Tgt Ion:168 Resp: 184533
Ion Ratio Lower Upper
168 100
99 65.3 49.4 74.2



#20
Methylene Chloride
Concen: 9.086 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.013 min
Lab File: VW031781.D
Acq: 09 Jul 2025 17:08

Tgt Ion: 84 Resp: 33525
Ion Ratio Lower Upper
84 100
49 117.8 98.2 147.4
51 35.2 29.8 44.8
86 63.0 49.5 74.3

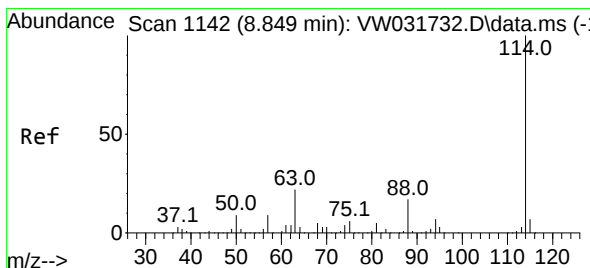
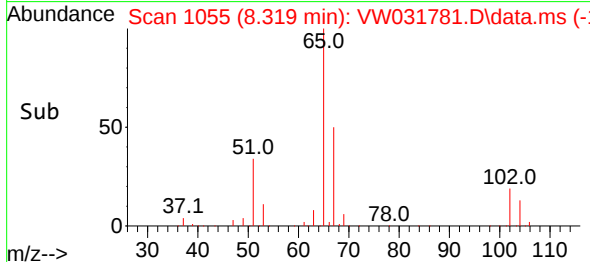
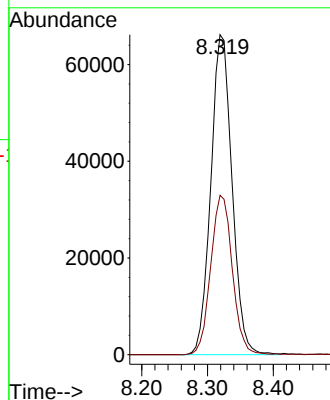
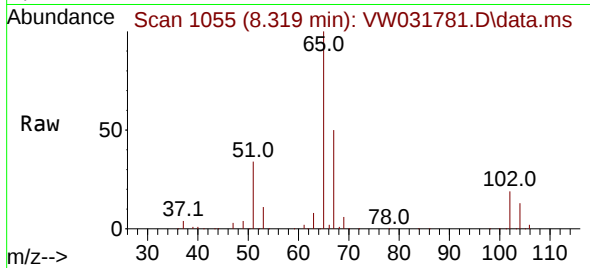




#33
 1,2-Dichloroethane-d4
 Concen: 56.132 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031781.D
 Acq: 09 Jul 2025 17:08

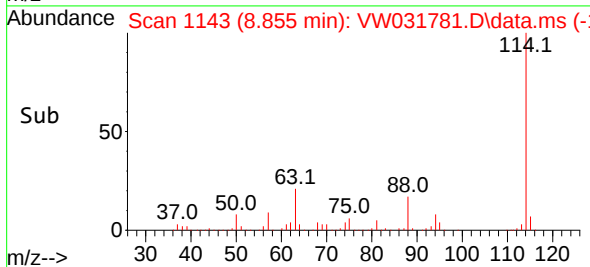
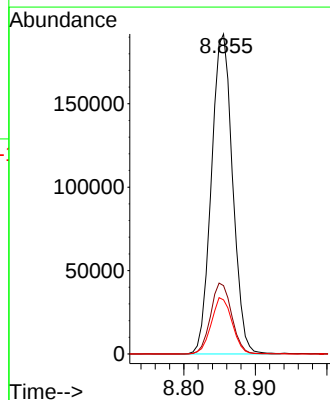
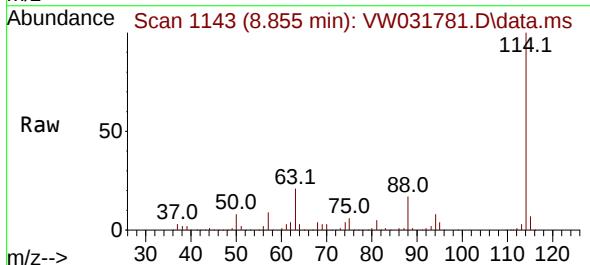
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-95

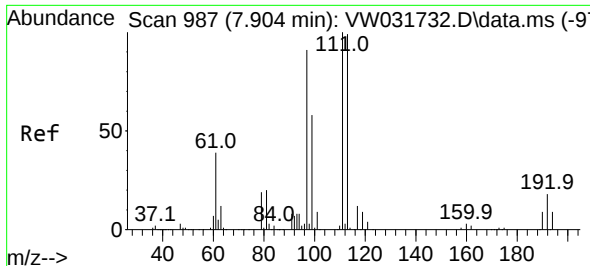
Tgt Ion: 65 Resp: 148653
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031781.D
 Acq: 09 Jul 2025 17:08

Tgt Ion: 114 Resp: 394765
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.6
 88 16.9 0.0 34.2



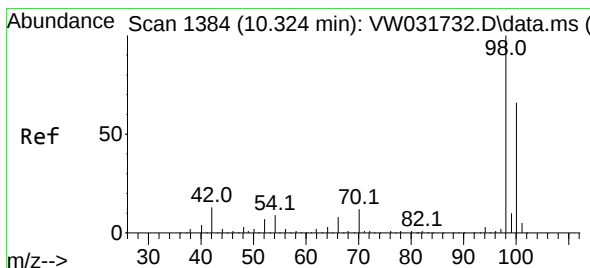
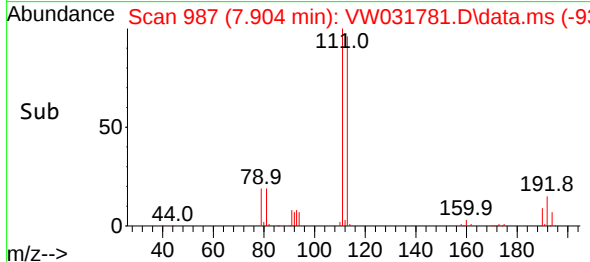
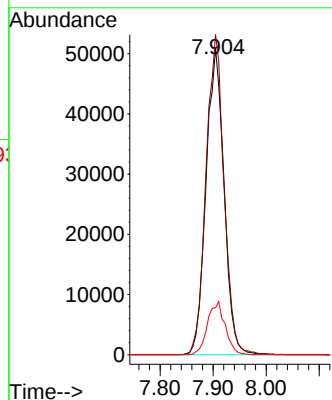
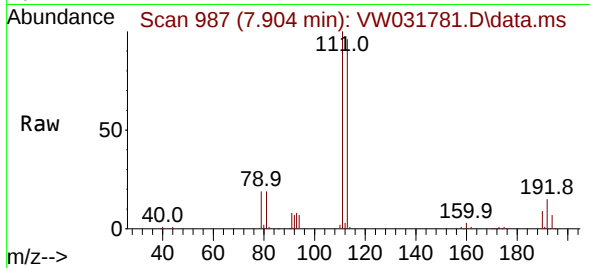


#35
 Dibromofluoromethane
 Concen: 46.634 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031781.D
 Acq: 09 Jul 2025 17:08

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-95

Tgt Ion:113 Resp: 120131

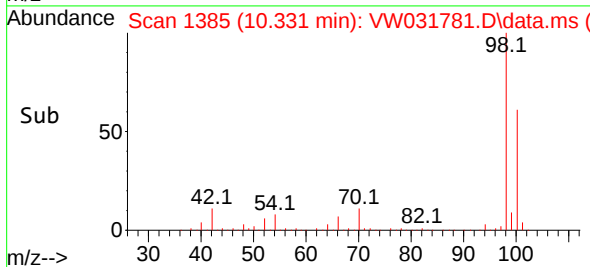
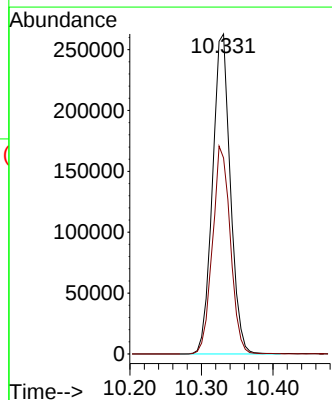
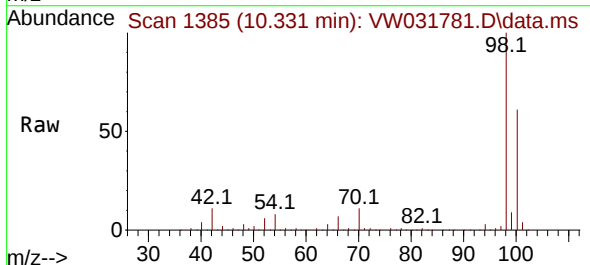
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.1	123.1
192	16.9	13.8	20.6

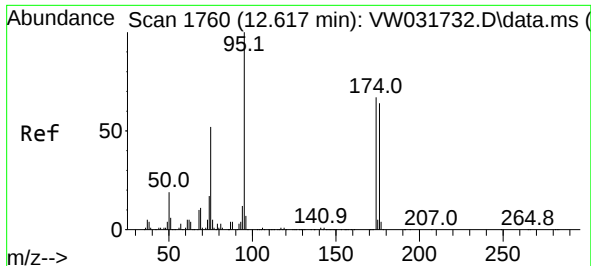


#50
 Toluene-d8
 Concen: 47.509 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031781.D
 Acq: 09 Jul 2025 17:08

Tgt Ion: 98 Resp: 455443

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.4

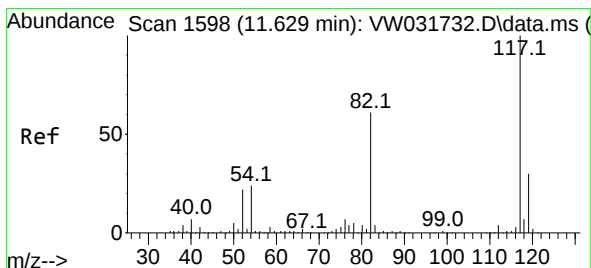
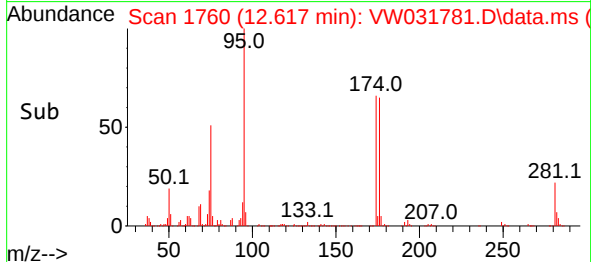
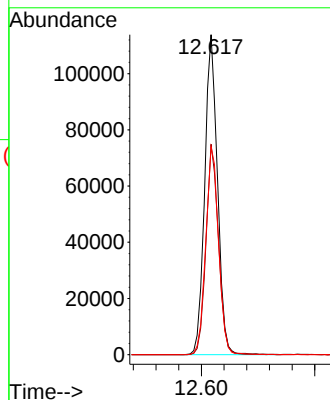
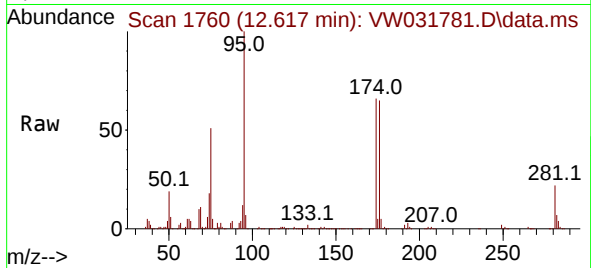




#62
4-Bromofluorobenzene
Concen: 50.474 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031781.D
Acq: 09 Jul 2025 17:08

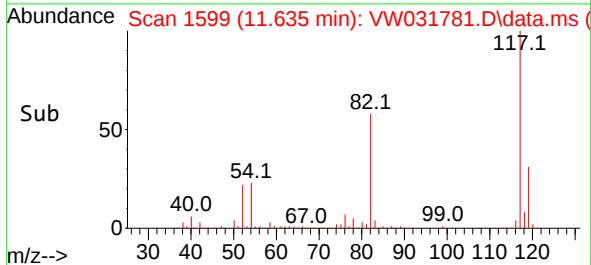
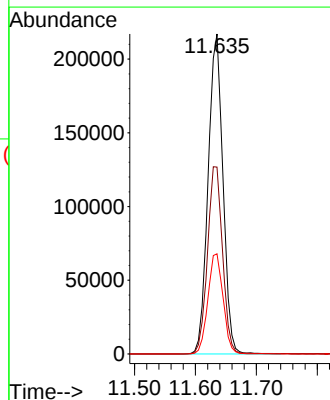
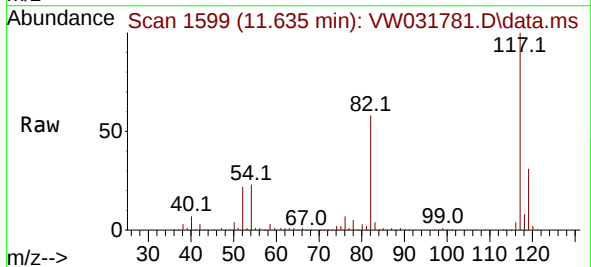
Instrument :
MSVOA_W
ClientSampleId :
TP-95

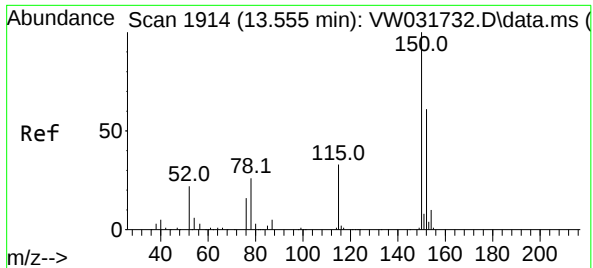
Tgt Ion: 95 Resp: 178061
Ion Ratio Lower Upper
95 100
174 64.2 0.0 133.8
176 65.4 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031781.D
Acq: 09 Jul 2025 17:08

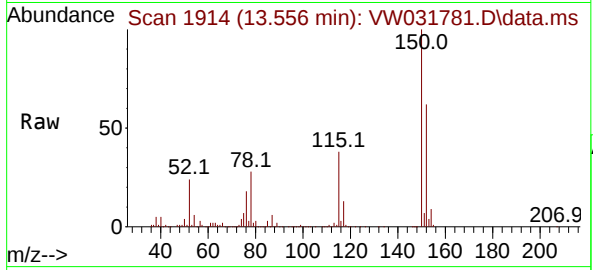
Tgt Ion: 117 Resp: 367784
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 31.3 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031781.D
 Acq: 09 Jul 2025 17:08

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-95



Tgt Ion:	152	Resp:	184499
Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.9	95.7
150	152.8	0.0	356.4

