

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031775.D
 Acq On : 09 Jul 2025 14:56
 Operator : SY/MD
 Sample : Q2514-06
 Misc : 5.10g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-103

Quant Time: Jul 10 01:26:38 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)

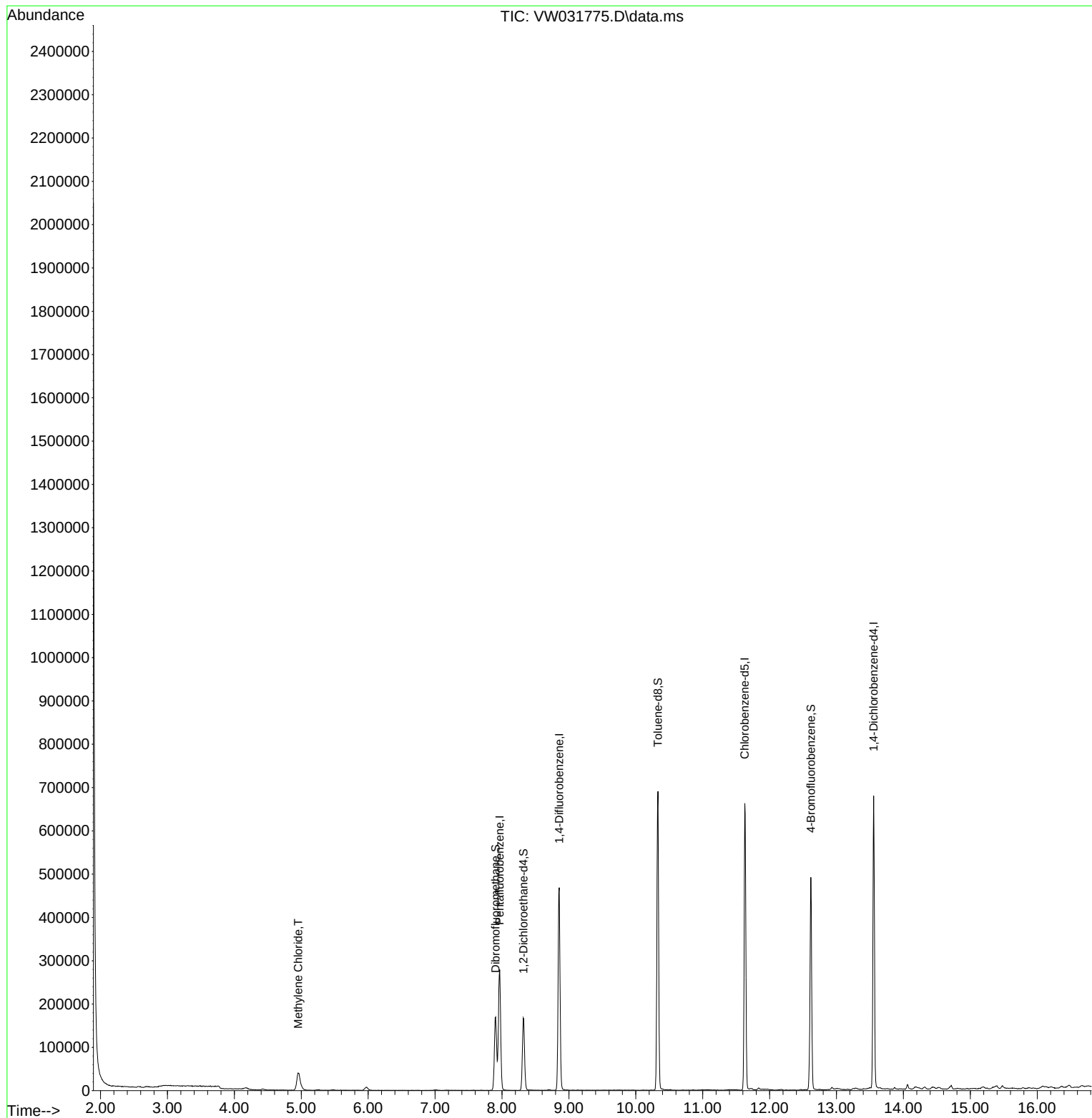
Internal Standards						
1) Pentafluorobenzene	7.965	168	196576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	400527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	140683	49.868	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.740%
35) Dibromofluoromethane	7.904	113	125086	47.859	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.720%
50) Toluene-d8	10.331	98	460855	47.382	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.617	95	165023	46.105	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	92.200%
Target Compounds						
20) Methylene Chloride	4.954	84	36129	9.246	ug/l	Qvalue 99

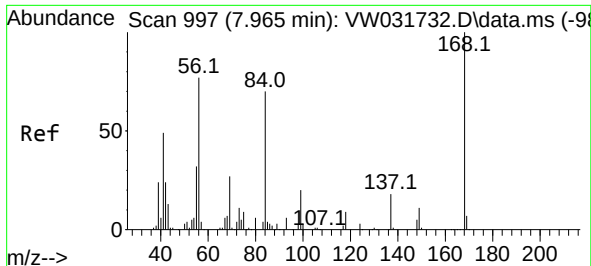
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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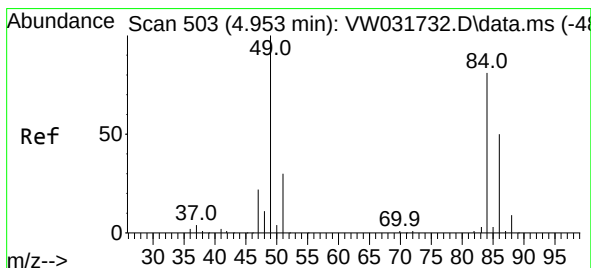
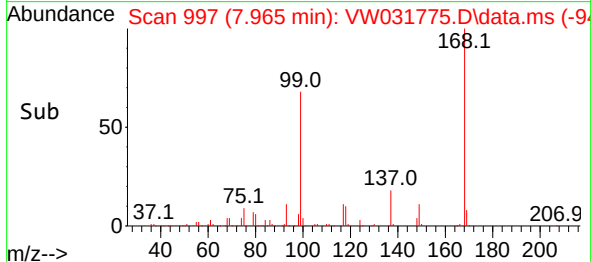
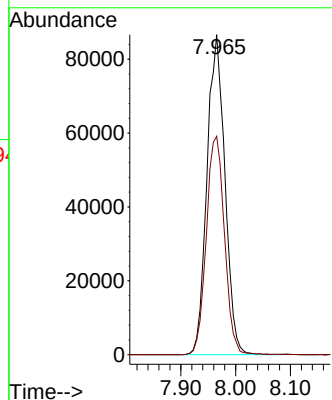
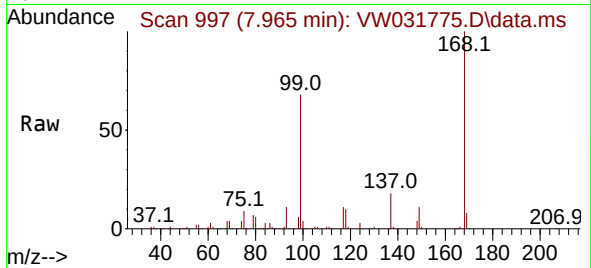




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031775.D
Acq: 09 Jul 2025 14:56

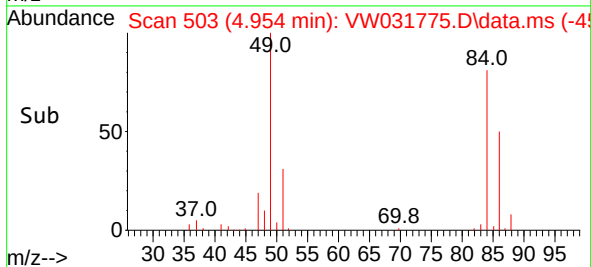
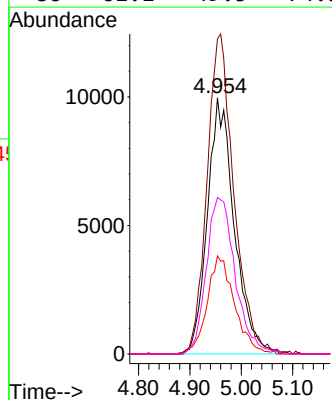
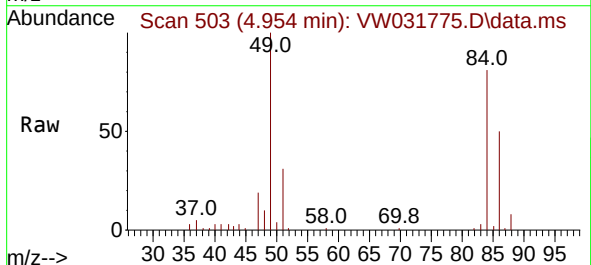
Instrument :
MSVOA_W
ClientSampleId :
TP-103

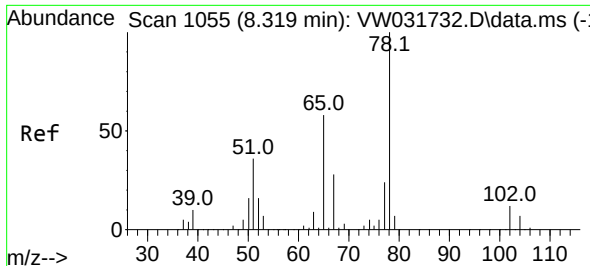
Tgt Ion:168 Resp: 196576
Ion Ratio Lower Upper
168 100
99 68.2 49.4 74.2



#20
Methylene Chloride
Concen: 9.246 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031775.D
Acq: 09 Jul 2025 14:56

Tgt Ion: 84 Resp: 36129
Ion Ratio Lower Upper
84 100
49 123.0 98.2 147.4
51 38.3 29.8 44.8
86 61.1 49.5 74.3

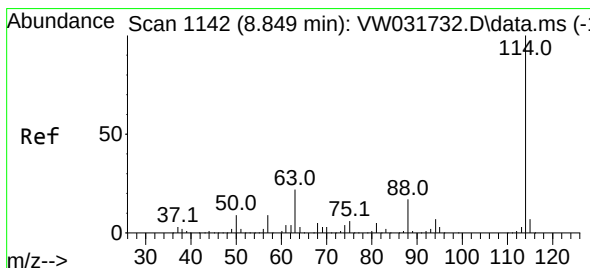
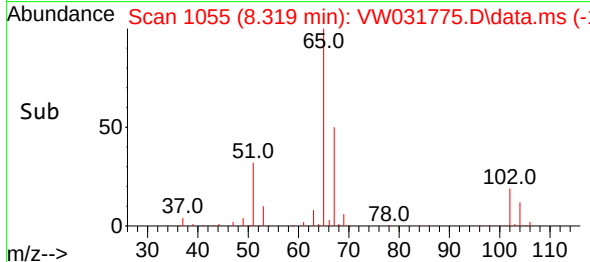
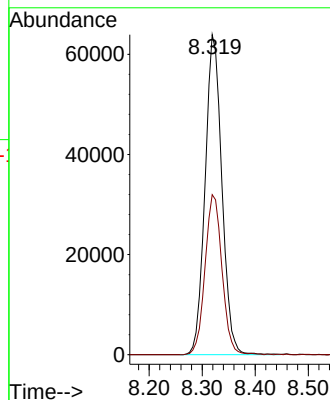
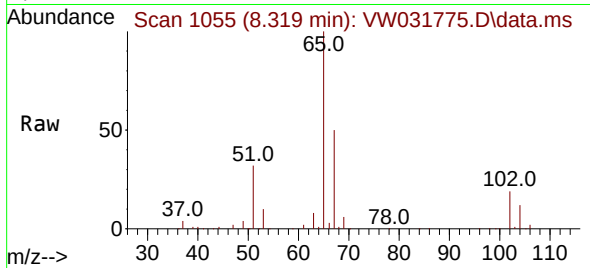




#33
 1,2-Dichloroethane-d4
 Concen: 49.868 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031775.D
 Acq: 09 Jul 2025 14:56

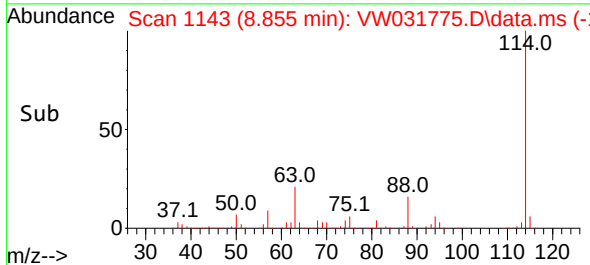
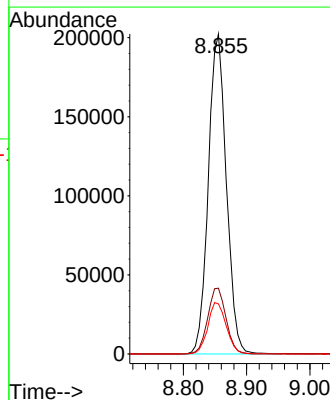
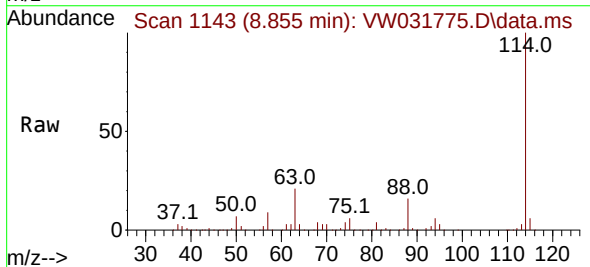
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-103

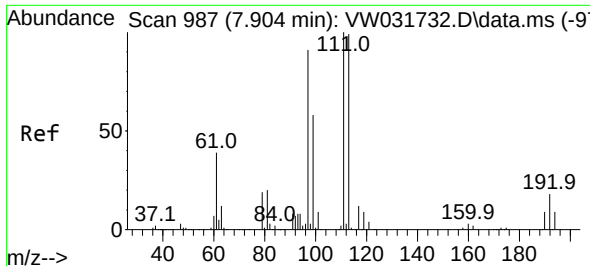
Tgt Ion: 65 Resp: 140683
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031775.D
 Acq: 09 Jul 2025 14:56

Tgt Ion: 114 Resp: 400527
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.7 0.0 34.2



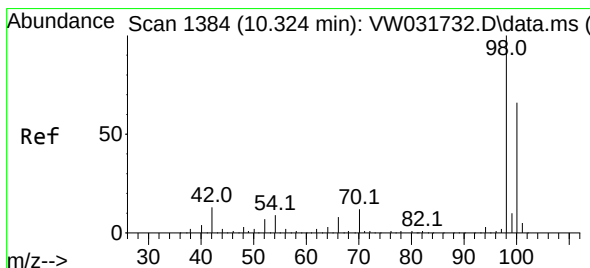
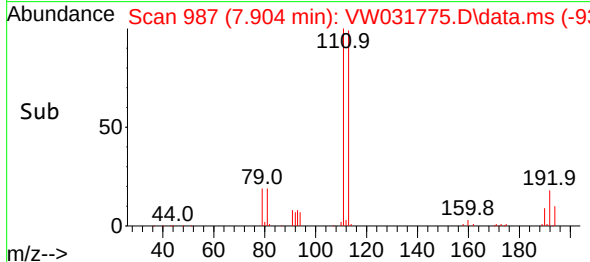
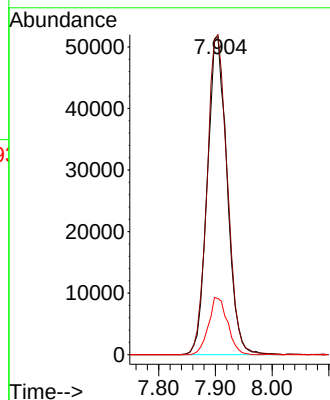
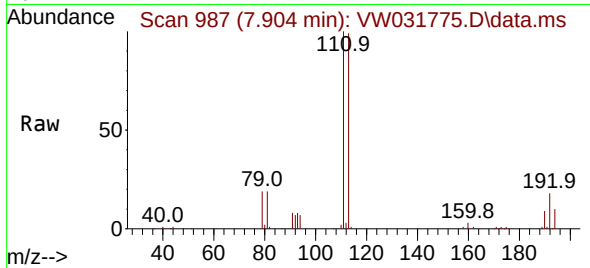


#35
 Dibromofluoromethane
 Concen: 47.859 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031775.D
 Acq: 09 Jul 2025 14:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-103

Tgt Ion:113 Resp: 125086

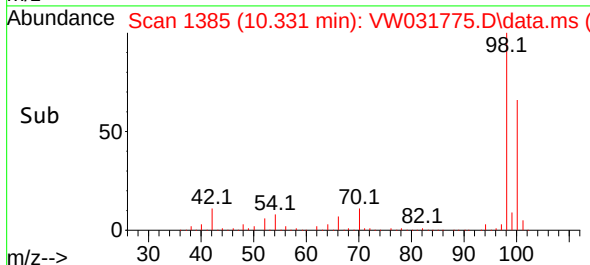
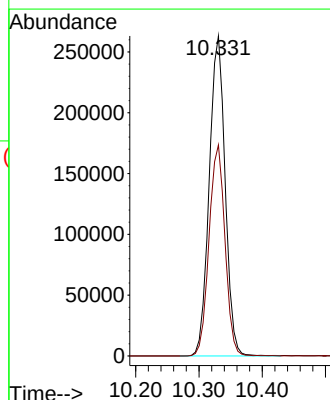
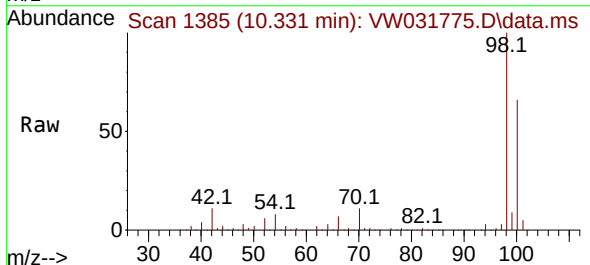
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	17.3	13.8	20.6

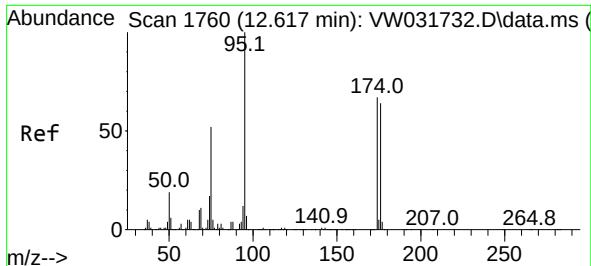


#50
 Toluene-d8
 Concen: 47.382 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031775.D
 Acq: 09 Jul 2025 14:56

Tgt Ion: 98 Resp: 460855

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

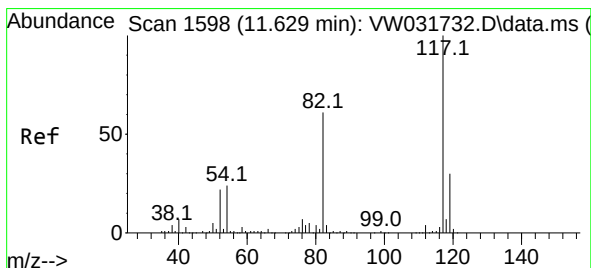
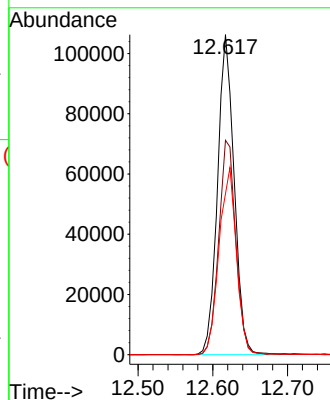
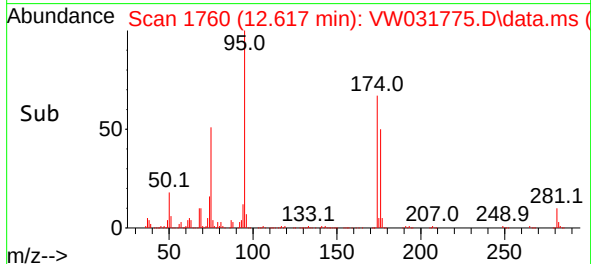
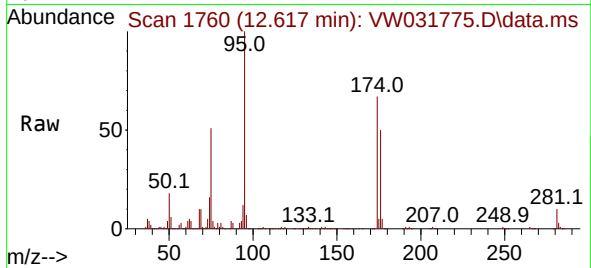




#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031775.D
Acq: 09 Jul 2025 14:56

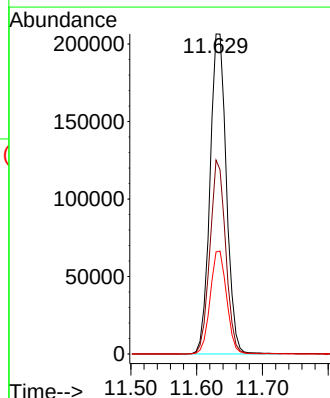
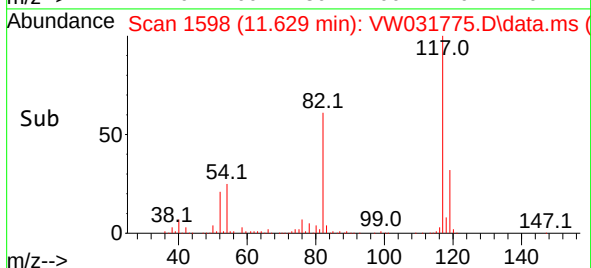
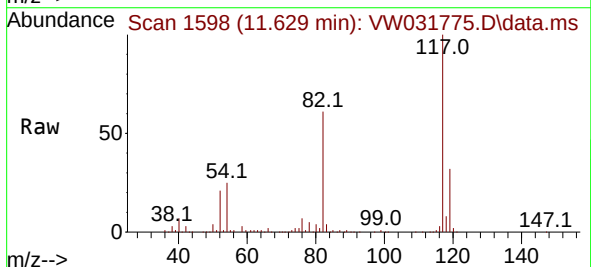
Instrument :
MSVOA_W
ClientSampleId :
TP-103

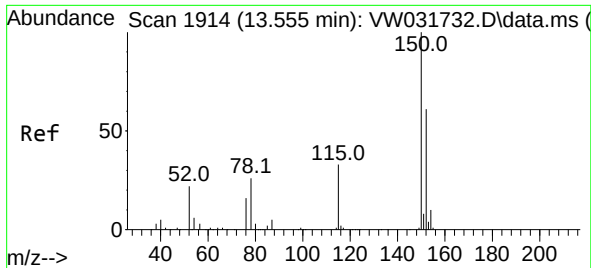
Tgt Ion: 95 Resp: 165023
Ion Ratio Lower Upper
95 100
174 68.9 0.0 133.8
176 60.9 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031775.D
Acq: 09 Jul 2025 14:56

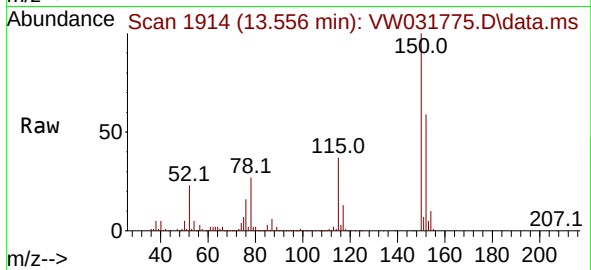
Tgt Ion: 117 Resp: 357765
Ion Ratio Lower Upper
117 100
82 60.6 48.6 72.8
119 31.9 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031775.D
 Acq: 09 Jul 2025 14:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-103



Tgt Ion:	152	Resp:	165193
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.9	95.7
150	160.4	0.0	356.4

