

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031800.D
 Acq On : 10 Jul 2025 14:09
 Operator : SY/MD
 Sample : Q2529-07
 Misc : 5.15g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-101

Quant Time: Jul 11 02:20:43 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	173749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	404966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	378578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142239	57.044	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	114.080%
35) Dibromofluoromethane	7.904	113	121958	46.151	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.300%
50) Toluene-d8	10.331	98	441924	44.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	89.880%
62) 4-Bromofluorobenzene	12.617	95	171005	47.253	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.500%

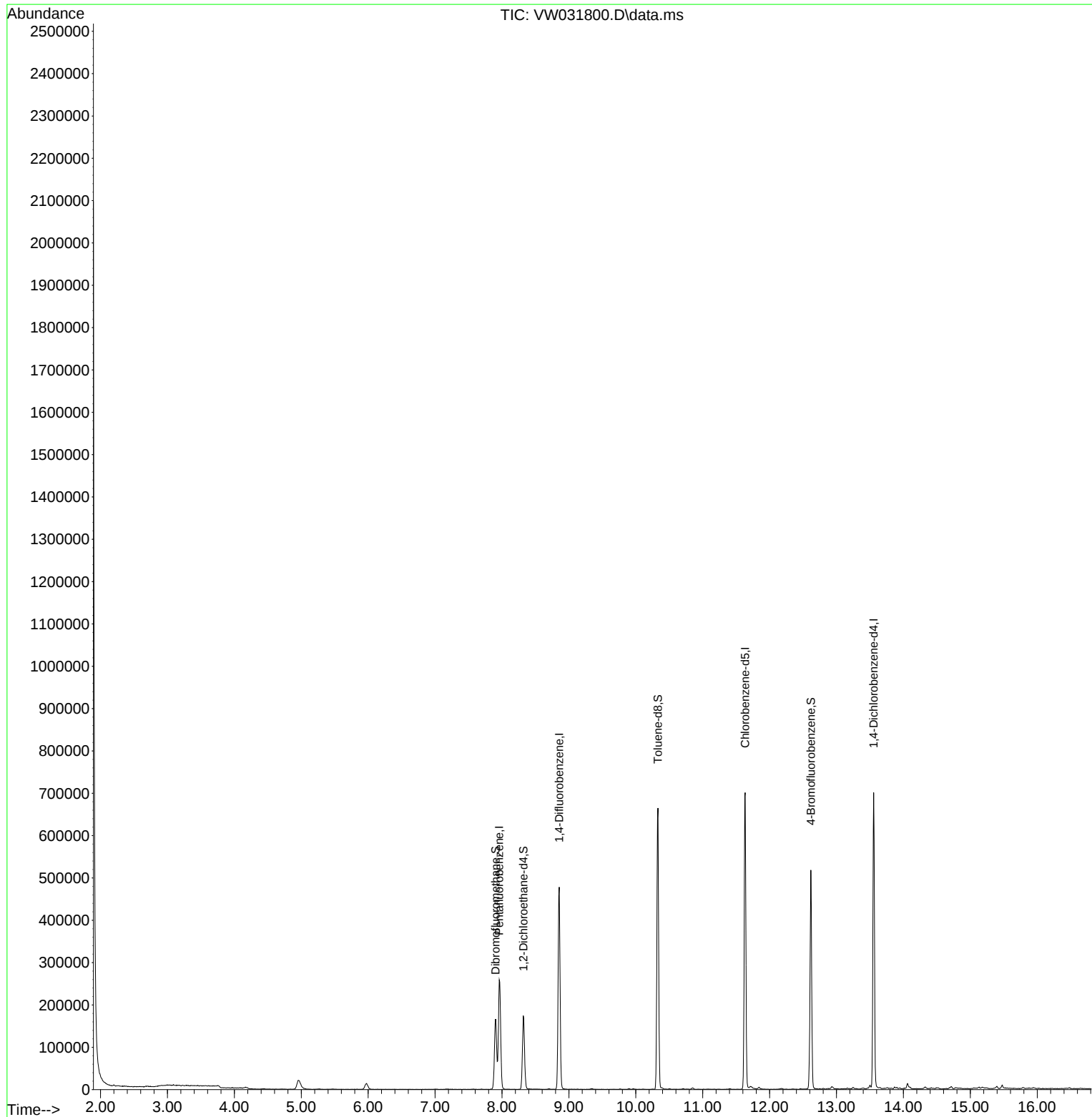
Target Compounds	Qvalue

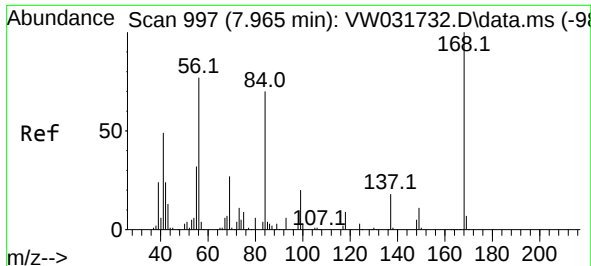
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031800.D
Acq On : 10 Jul 2025 14:09
Operator : SY/MD
Sample : Q2529-07
Misc : 5.15g/5mL/MSVOA_W/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-101

Quant Time: Jul 11 02:20:43 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

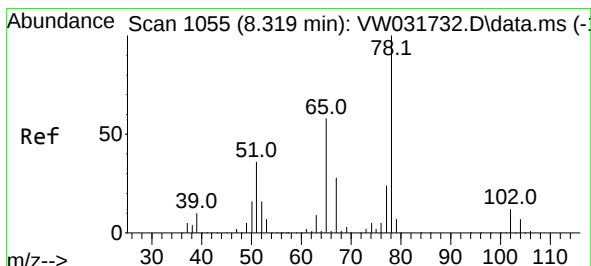
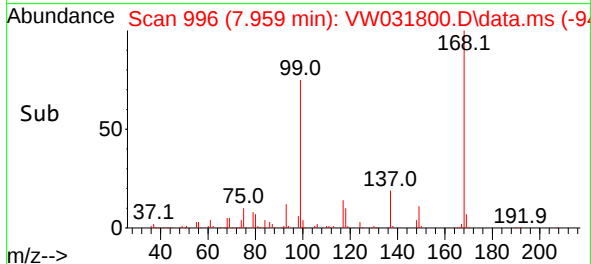
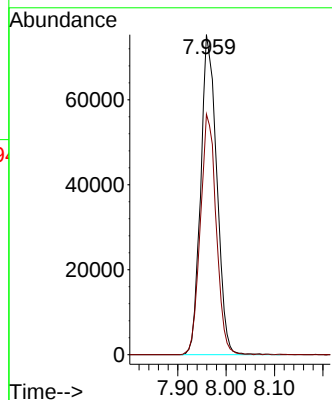
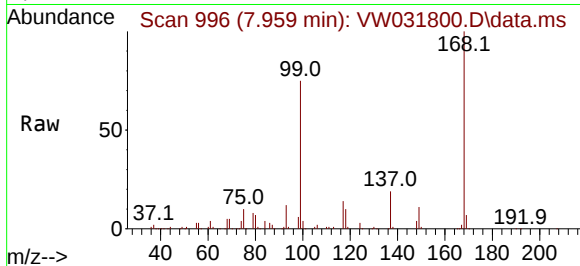




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

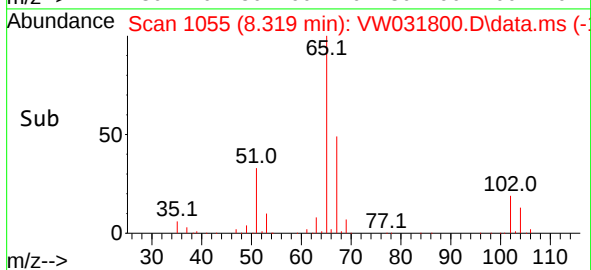
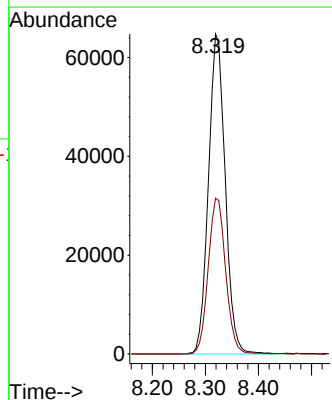
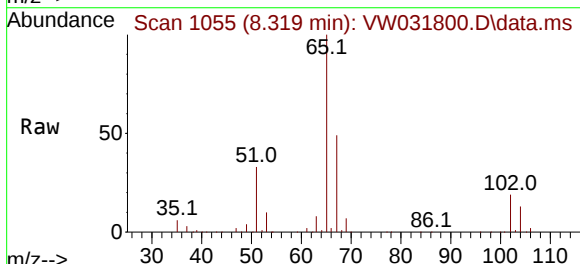
Instrument :
MSVOA_W
ClientSampleId :
TP-101

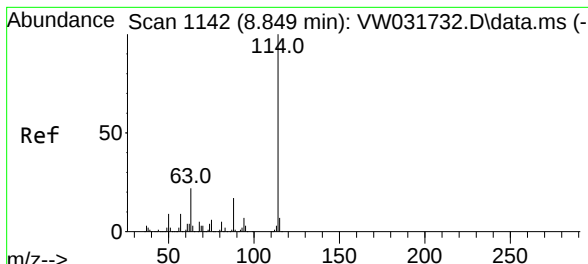
Tgt Ion:168 Resp: 173749
Ion Ratio Lower Upper
168 100
99 75.2 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 57.044 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 65 Resp: 142239
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

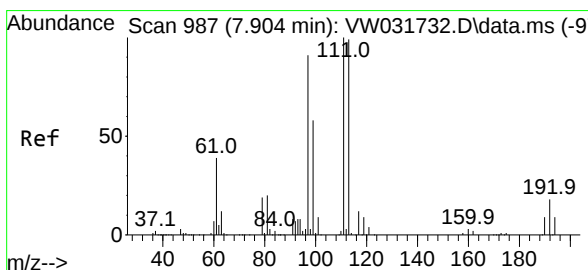
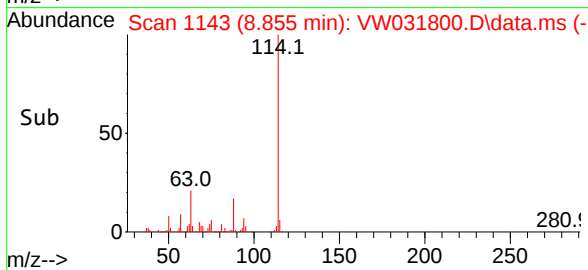
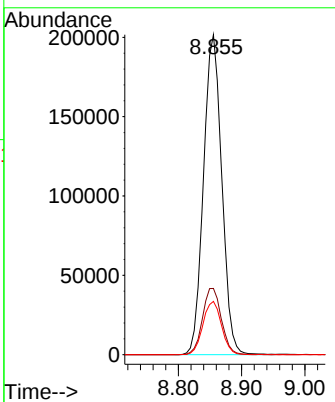
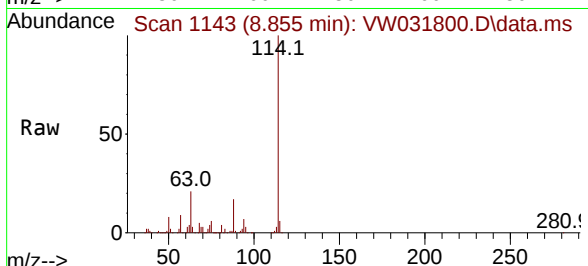




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031800.D
 Acq: 10 Jul 2025 14:09

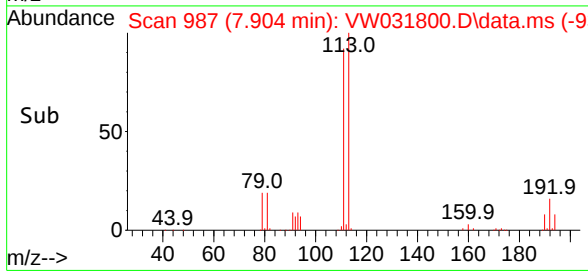
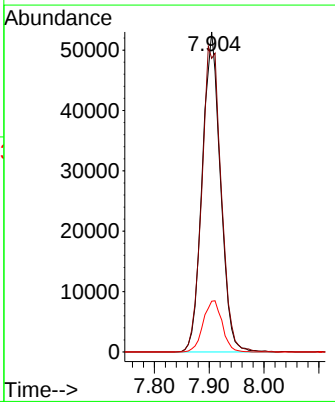
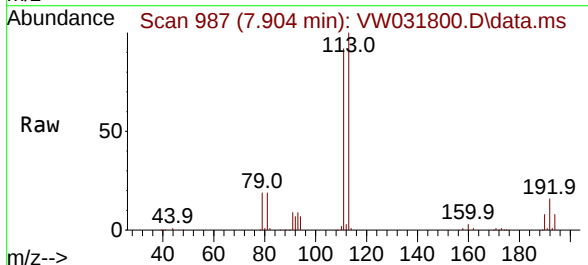
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-101

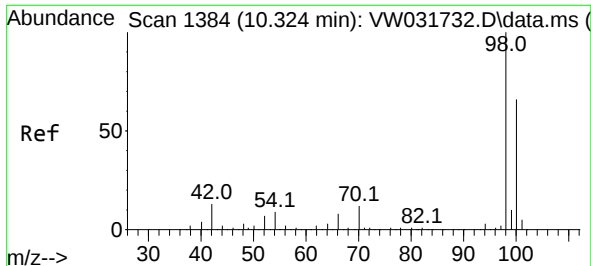
Tgt Ion:	114	Resp:	404966
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.6
88	16.7	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 46.151 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031800.D
 Acq: 10 Jul 2025 14:09

Tgt Ion:	113	Resp:	121958
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.1	123.1
192	16.7	13.8	20.6

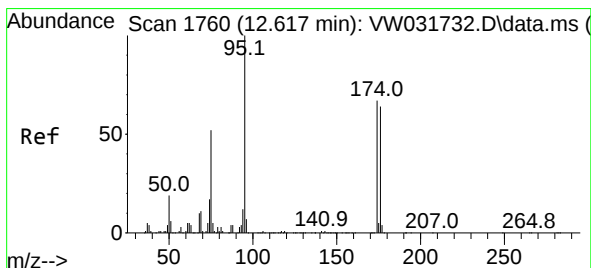
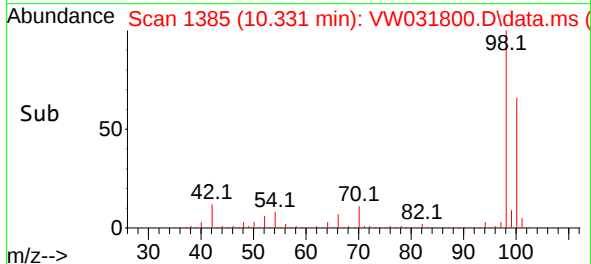
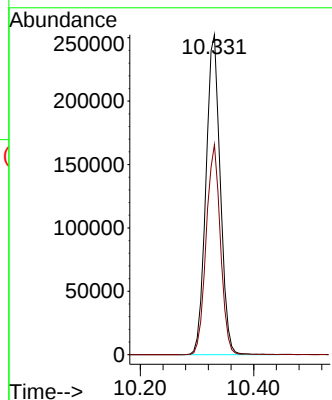
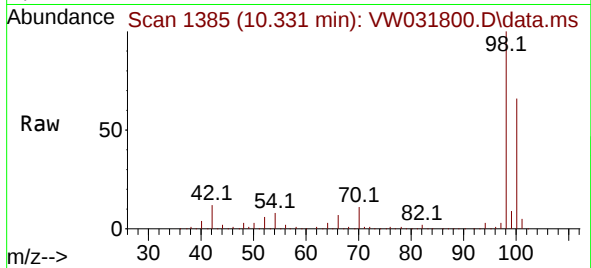




#50
Toluene-d8
Concen: 44.938 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

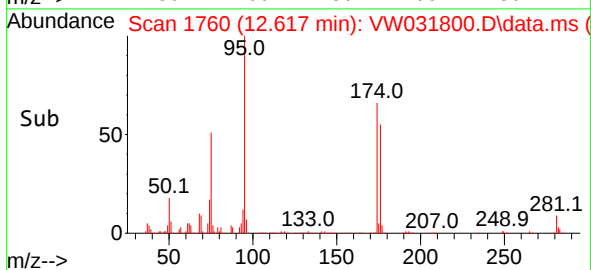
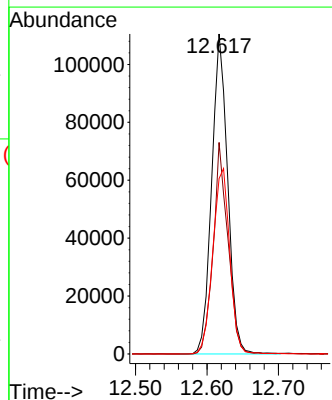
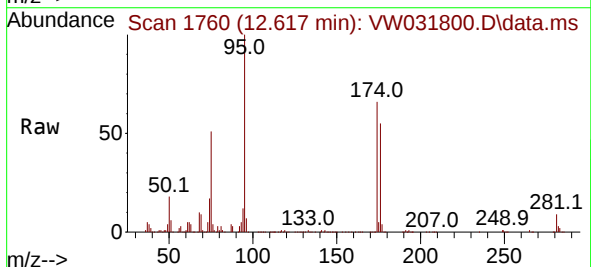
Instrument :
MSVOA_W
ClientSampleId :
TP-101

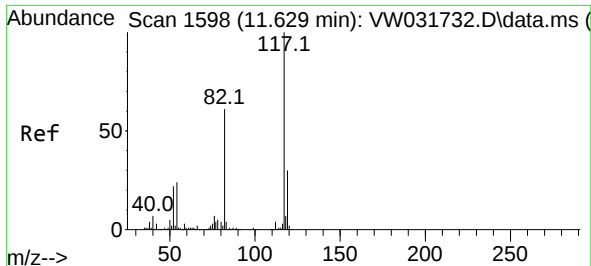
Tgt Ion: 98 Resp: 441924
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 95 Resp: 171005
Ion Ratio Lower Upper
95 100
174 61.3 0.0 133.8
176 62.1 0.0 126.0

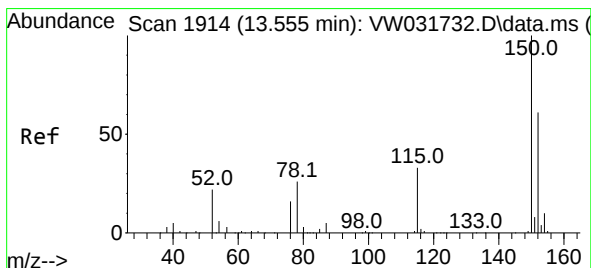
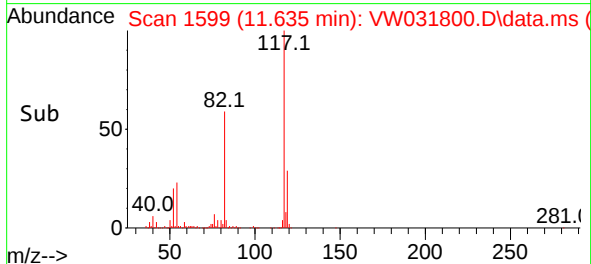
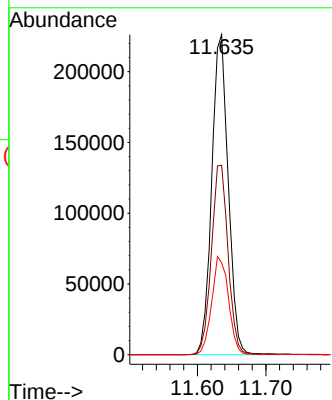
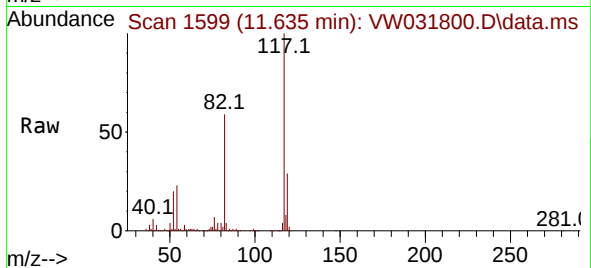




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Instrument :
MSVOA_W
ClientSampleId :
TP-101

Tgt Ion:117 Resp: 378578
Ion Ratio Lower Upper
117 100
82 59.2 48.6 72.8
119 28.7 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: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion:152 Resp: 177324
Ion Ratio Lower Upper
152 100
115 64.2 31.9 95.7
150 149.0 0.0 356.4

