

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031904.D
 Acq On : 23 Jul 2025 11:52
 Operator : SY/MD
 Sample : Q2668-03
 Misc : 4.23g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-VOC

Quant Time: Jul 24 02:50:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

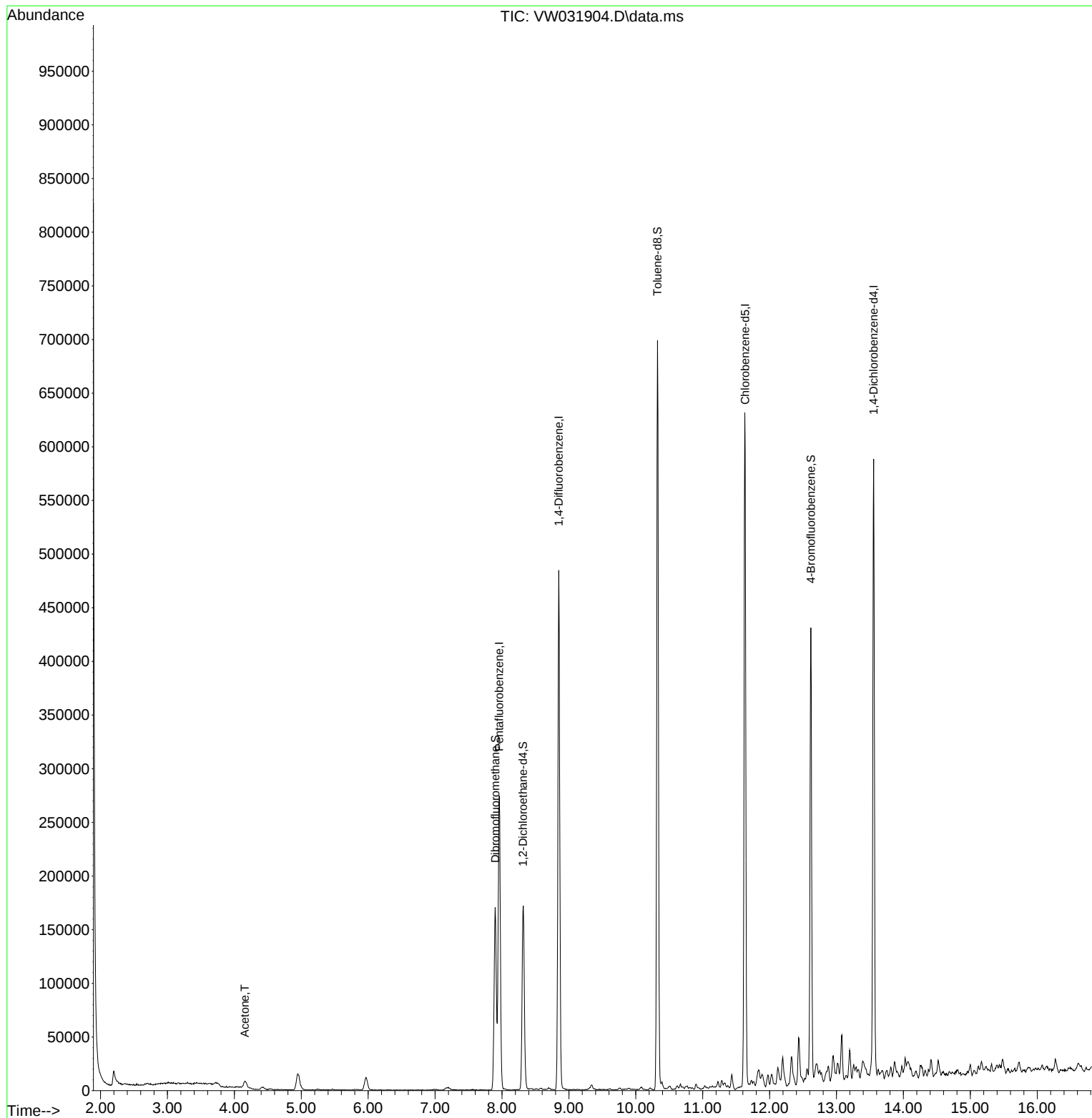
Internal Standards						
1) Pentafluorobenzene	7.959	168	184054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	393072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	342365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	145319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	142208	51.076	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	102.160%	
35) Dibromofluoromethane	7.898	113	124696	46.686	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	93.380%	
50) Toluene-d8	10.324	98	456182	45.127	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	90.260%	
62) 4-Bromofluorobenzene	12.617	95	155846	40.150	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	80.300%	
Target Compounds						
16) Acetone	4.155	43	12460	18.859	ug/l	Qvalue 95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
Data File : VW031904.D
Acq On : 23 Jul 2025 11:52
Operator : SY/MD
Sample : Q2668-03
Misc : 4.23g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2-VOC

Quant Time: Jul 24 02:50:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

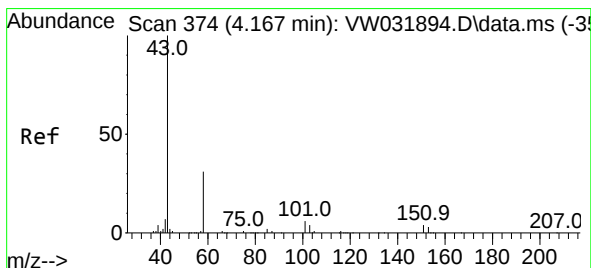
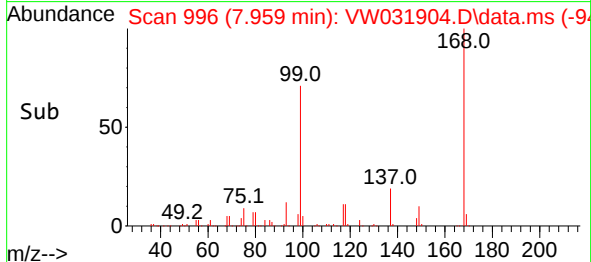
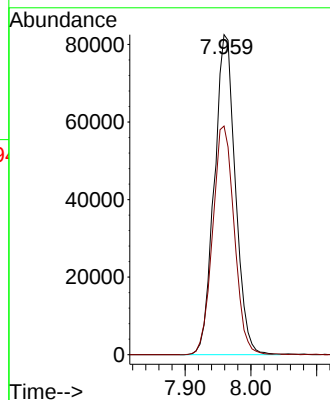
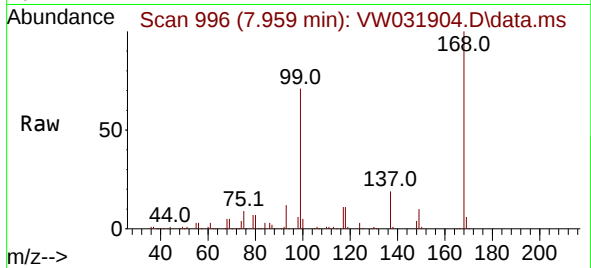




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031904.D
Acq: 23 Jul 2025 11:52

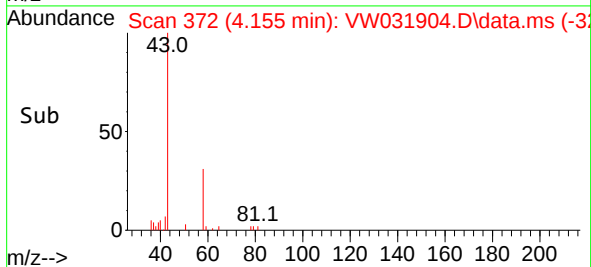
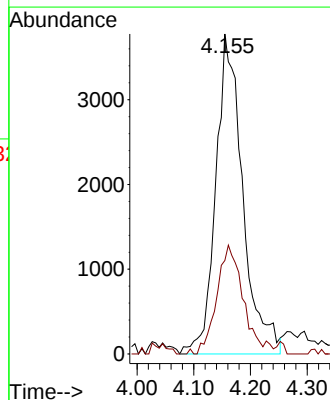
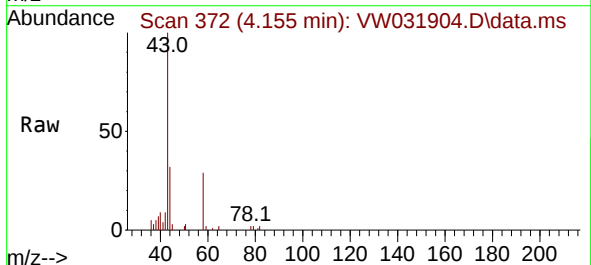
Instrument :
MSVOA_W
ClientSampleId :
TP-2-VOC

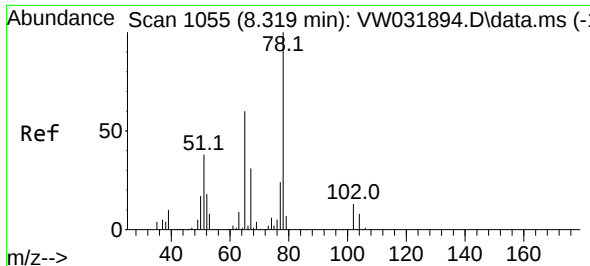
Tgt Ion:168 Resp: 184054
Ion Ratio Lower Upper
168 100
99 71.4 48.2 72.2



#16
Acetone
Concen: 18.859 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031904.D
Acq: 23 Jul 2025 11:52

Tgt Ion: 43 Resp: 12460
Ion Ratio Lower Upper
43 100
58 29.2 25.5 38.3

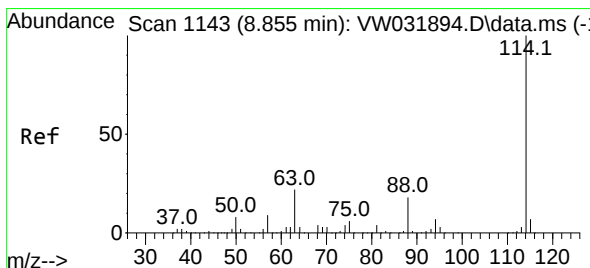
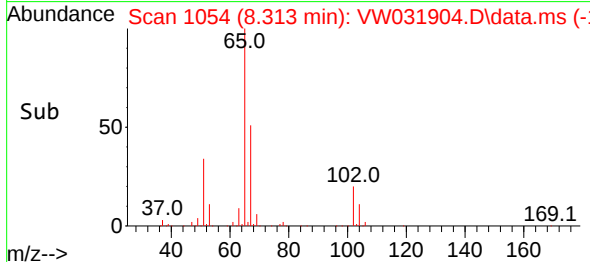
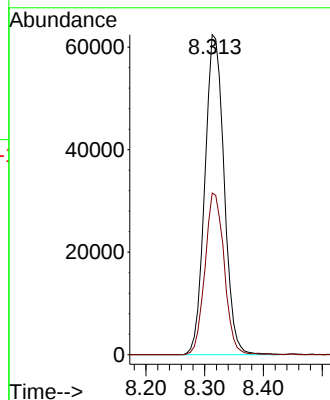
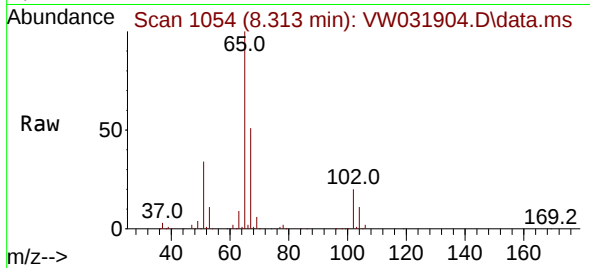




#33
 1,2-Dichloroethane-d4
 Concen: 51.076 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031904.D
 Acq: 23 Jul 2025 11:52

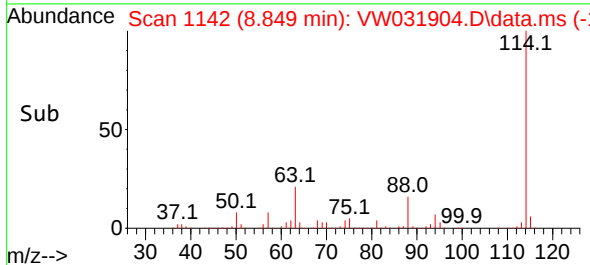
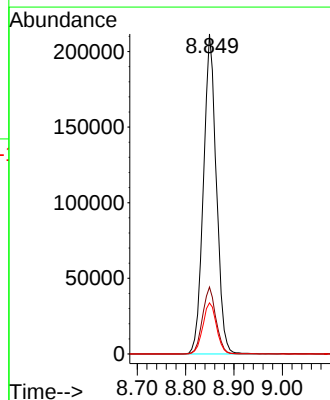
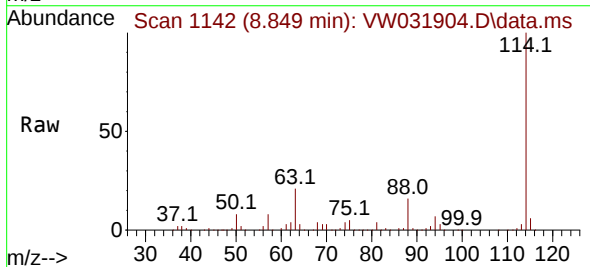
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-VOC

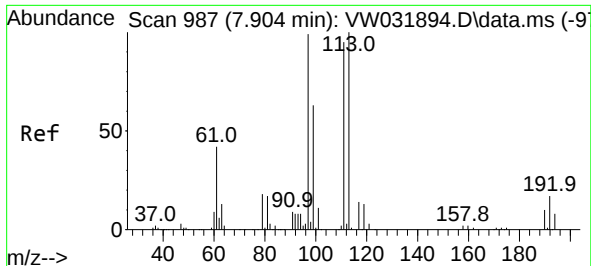
Tgt Ion: 65 Resp: 142208
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031904.D
 Acq: 23 Jul 2025 11:52

Tgt Ion: 114 Resp: 393072
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 15.9 0.0 35.6





#35

Dibromofluoromethane

Concen: 46.686 ug/l

RT: 7.898 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW031904.D

Acq: 23 Jul 2025 11:52

Instrument :

MSVOA_W

ClientSampleId :

TP-2-VOC

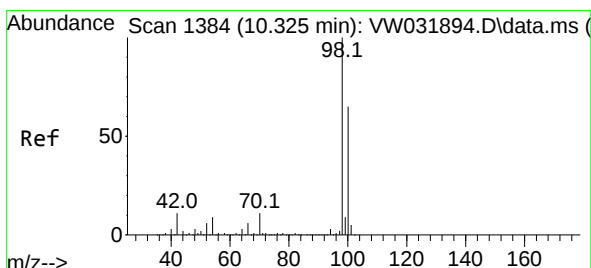
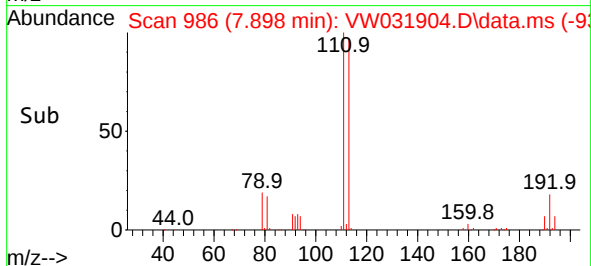
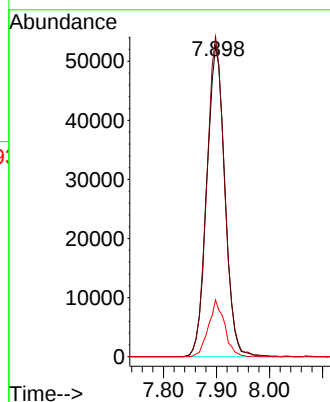
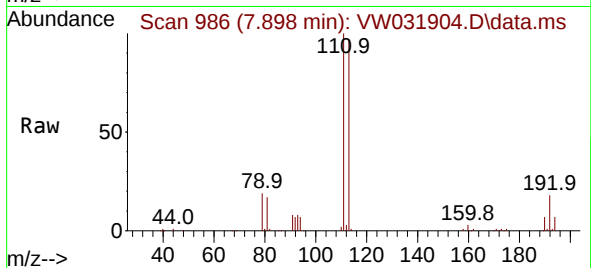
Tgt Ion:113 Resp: 124696

Ion Ratio Lower Upper

113 100

111 101.6 79.9 119.9

192 16.3 12.6 19.0



#50

Toluene-d8

Concen: 45.127 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031904.D

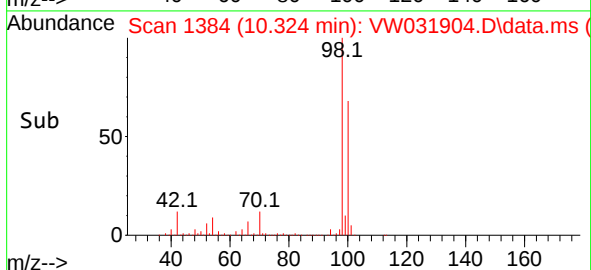
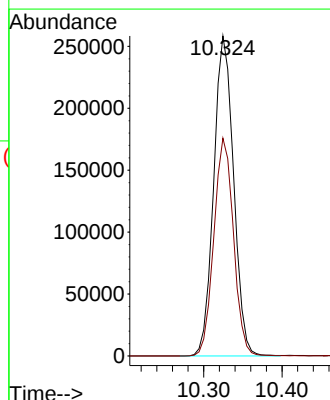
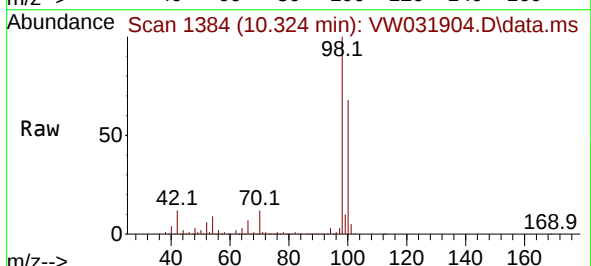
Acq: 23 Jul 2025 11:52

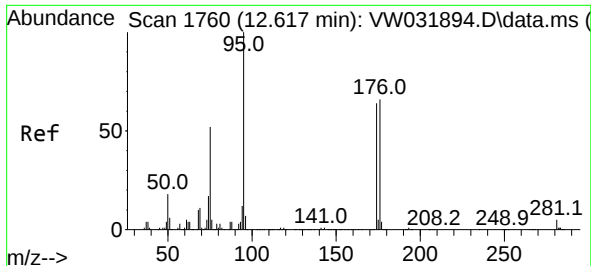
Tgt Ion: 98 Resp: 456182

Ion Ratio Lower Upper

98 100

100 67.2 51.7 77.5

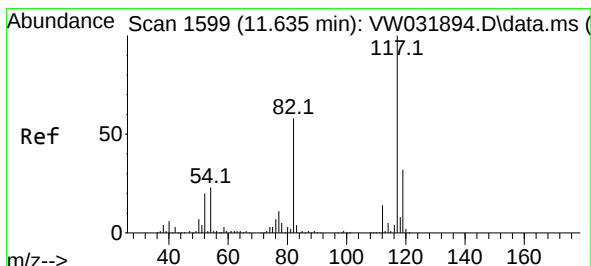
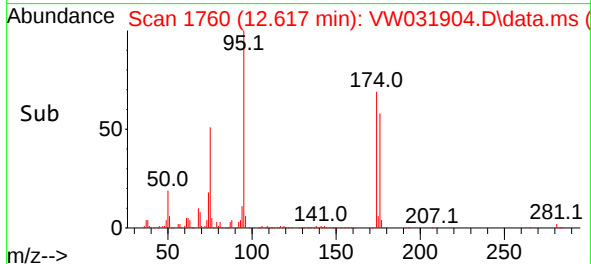
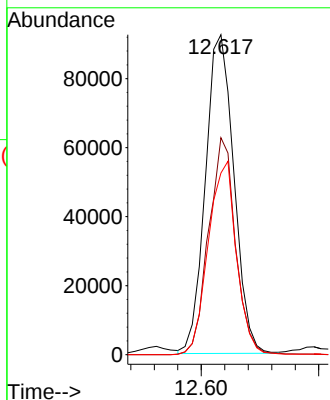
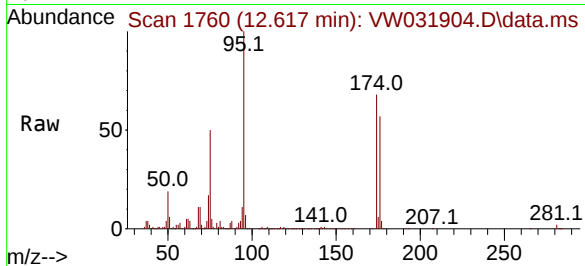




#62
4-Bromofluorobenzene
Concen: 40.150 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031904.D
Acq: 23 Jul 2025 11:52

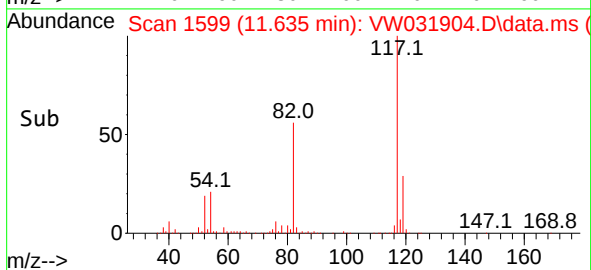
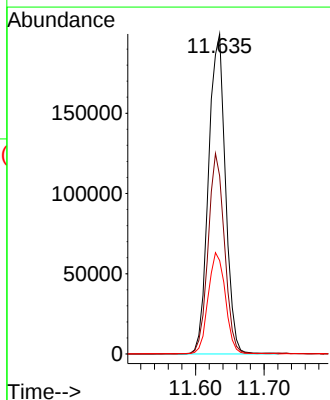
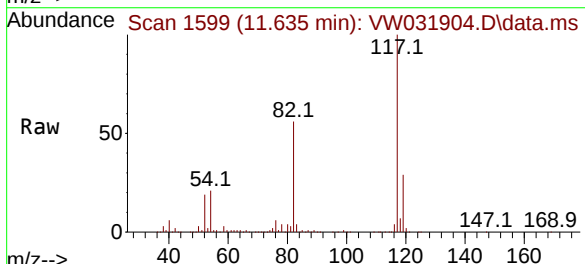
Instrument :
MSVOA_W
ClientSampleId :
TP-2-VOC

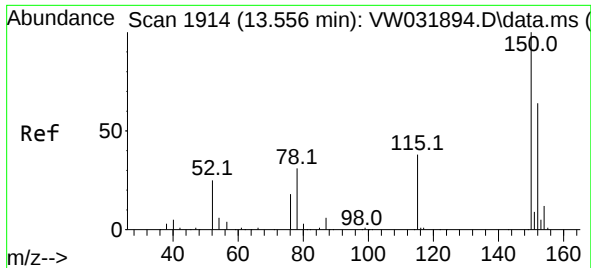
Tgt Ion: 95 Resp: 155846
Ion Ratio Lower Upper
95 100
174 64.3 0.0 129.8
176 59.8 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW031904.D
Acq: 23 Jul 2025 11:52

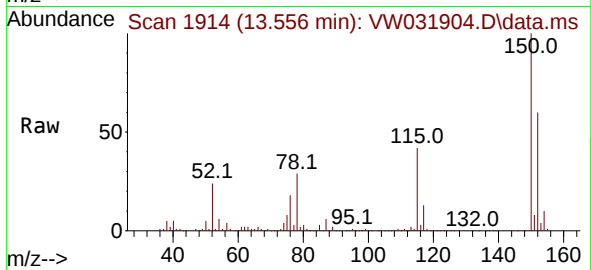
Tgt Ion: 117 Resp: 342365
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 29.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VW031904.D
 Acq: 23 Jul 2025 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-VOC



Tgt Ion:152 Resp: 145319
 Ion Ratio Lower Upper
 152 100
 115 66.6 33.4 100.1
 150 157.5 0.0 352.2

