

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031961.D
 Acq On : 30 Jul 2025 14:38
 Operator : SY/MD
 Sample : Q2726-01
 Misc : 5.06g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

Quant Time: Jul 31 02:32:15 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)

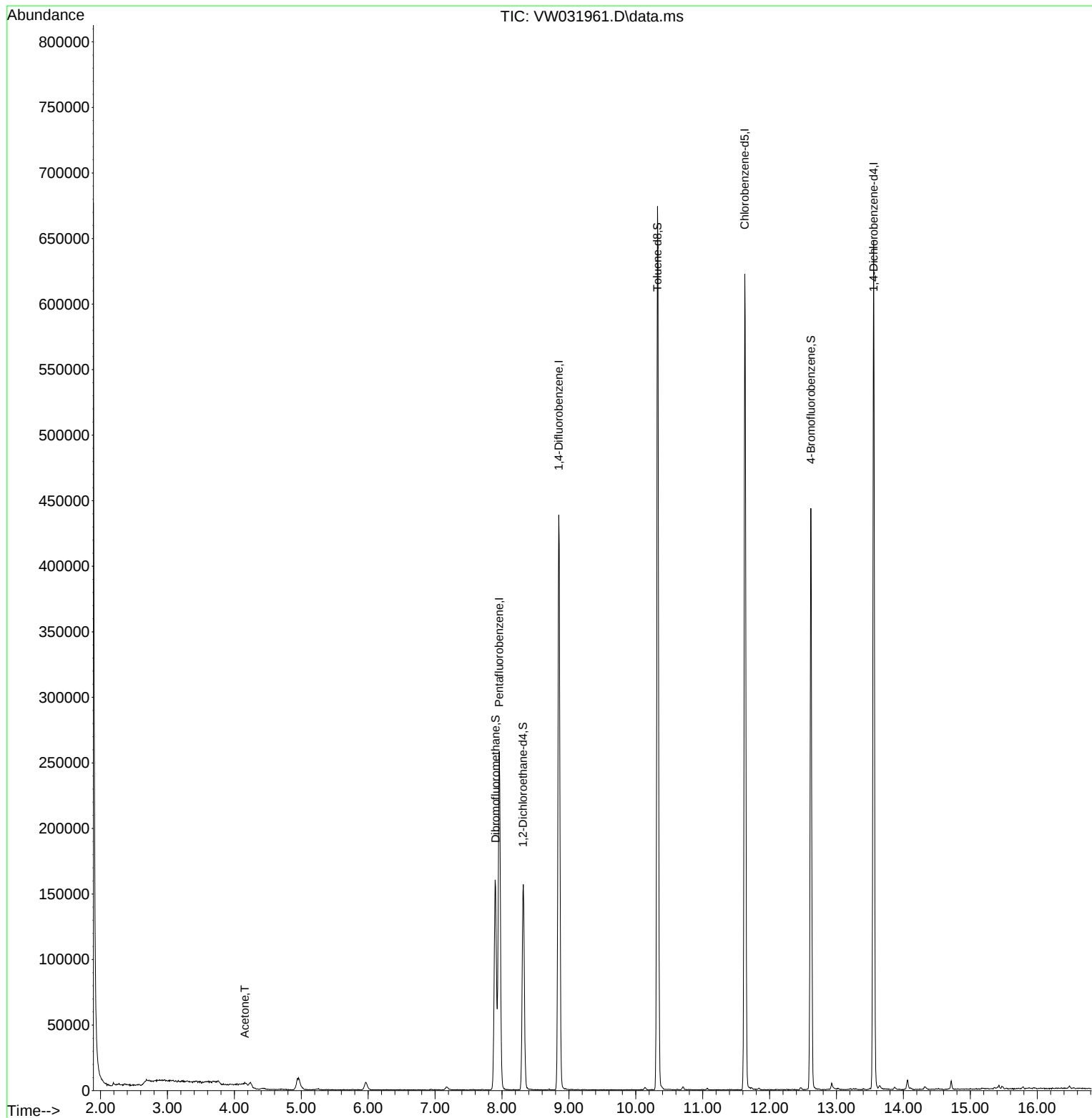
Internal Standards						
1) Pentafluorobenzene	7.959	168	171655	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	372151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	345071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	161706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	131622	50.688	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	101.380%	
35) Dibromofluoromethane	7.904	113	117086	46.301	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	92.600%	
50) Toluene-d8	10.325	98	443877	46.378	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	92.760%	
62) 4-Bromofluorobenzene	12.617	95	155934	42.431	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	84.860%	
Target Compounds						
16) Acetone	4.155	43	5319	8.632	ug/l	# 86

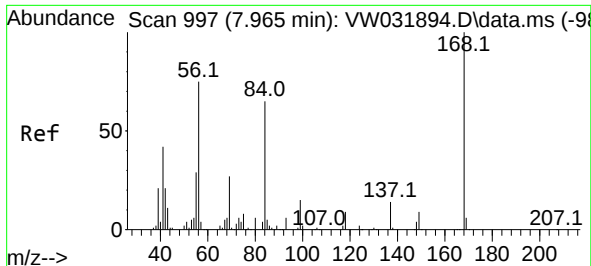
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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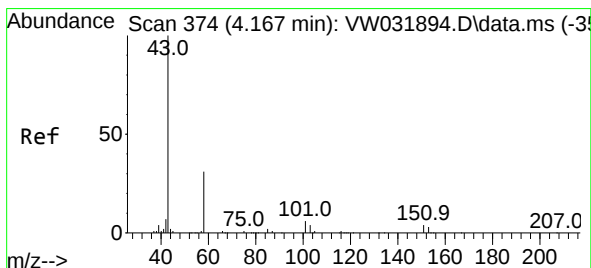
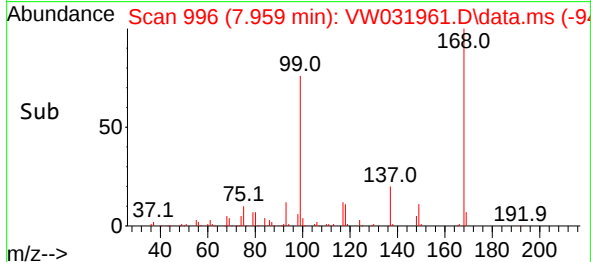
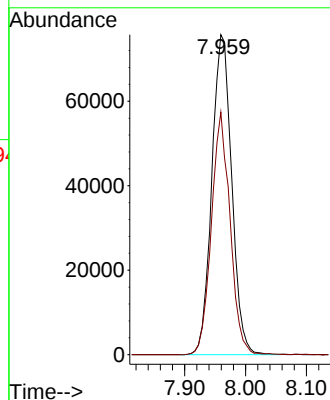
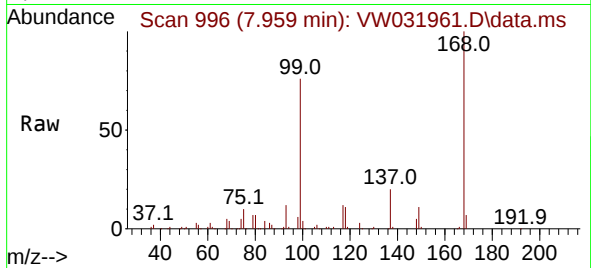




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031961.D
Acq: 30 Jul 2025 14:38

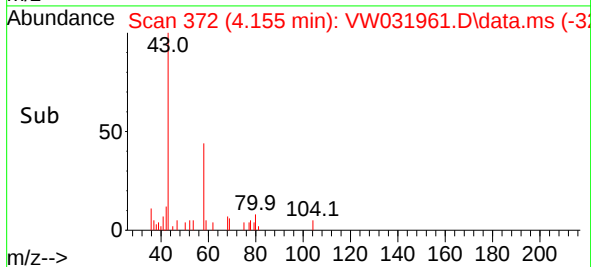
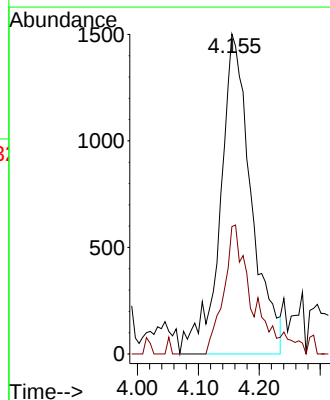
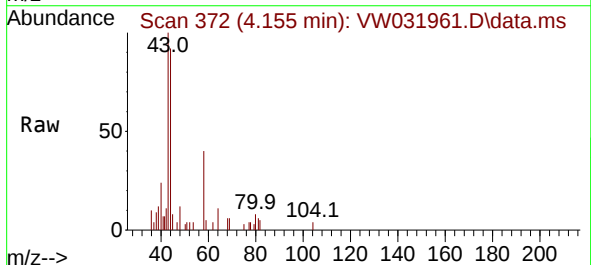
Instrument :
MSVOA_W
ClientSampleId :
WBR-PBO

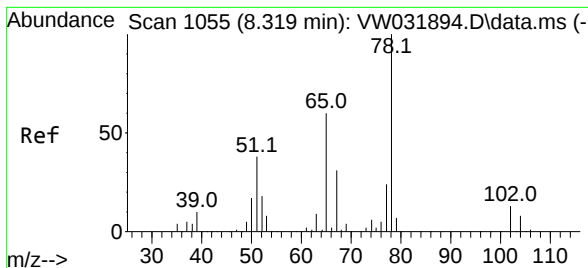
Tgt Ion:168 Resp: 171655
Ion Ratio Lower Upper
168 100
99 75.8 48.2 72.2#



#16
Acetone
Concen: 8.632 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031961.D
Acq: 30 Jul 2025 14:38

Tgt Ion: 43 Resp: 5319
Ion Ratio Lower Upper
43 100
58 39.8 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 50.688 ug/l

RT: 8.313 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VW031961.D

Acq: 30 Jul 2025 14:38

Instrument :

MSVOA_W

ClientSampleId :

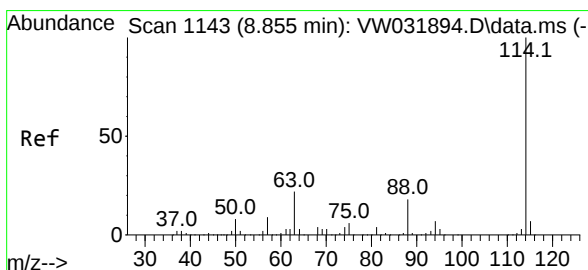
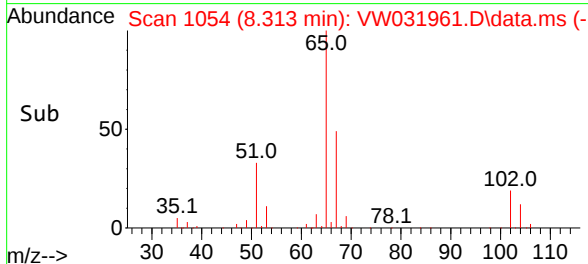
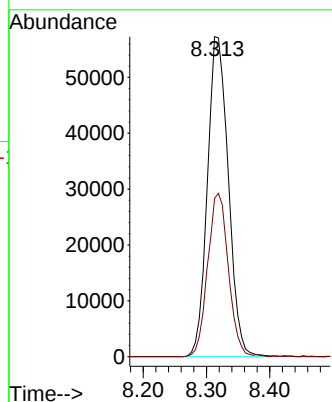
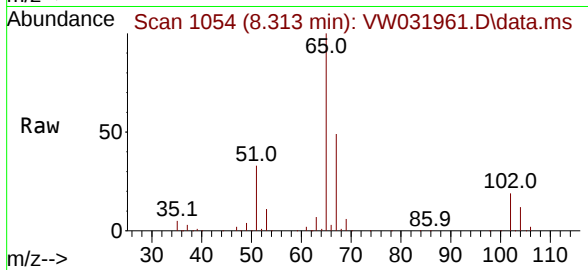
WBR-PBO

Tgt Ion: 65 Resp: 131622

Ion Ratio Lower Upper

65 100

67 50.7 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: VW031961.D

Acq: 30 Jul 2025 14:38

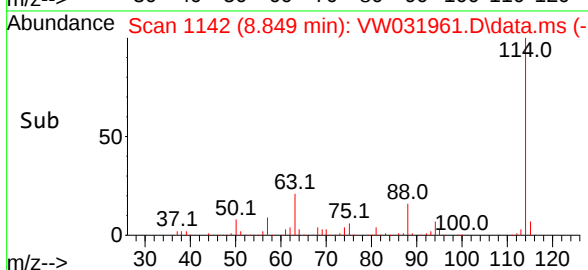
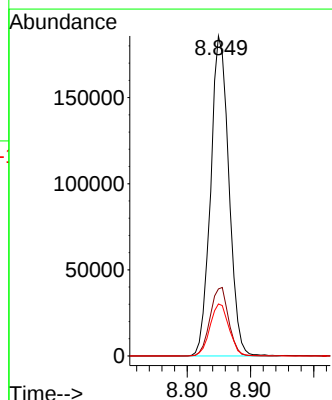
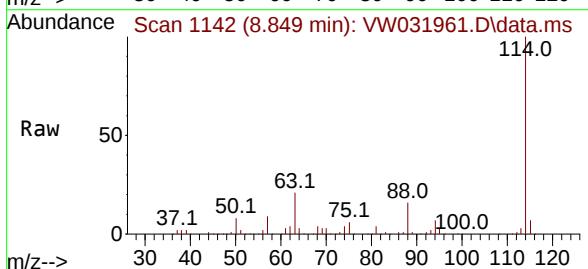
Tgt Ion: 114 Resp: 372151

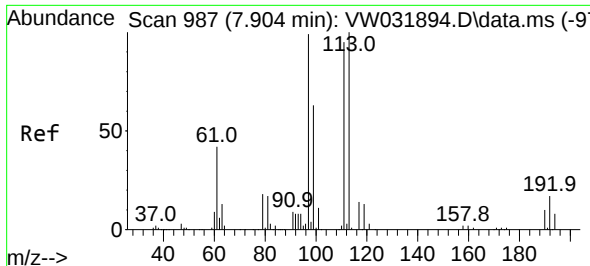
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

88 16.3 0.0 35.6

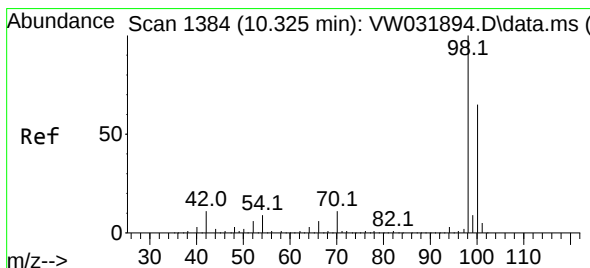
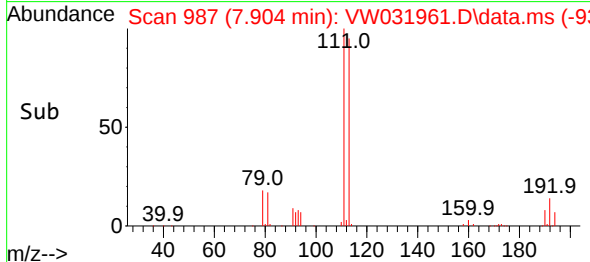
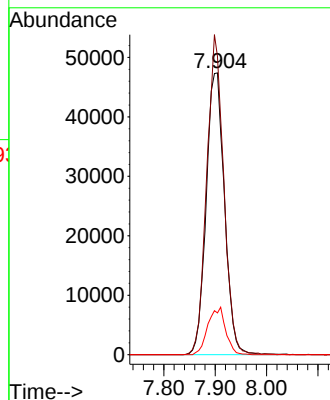
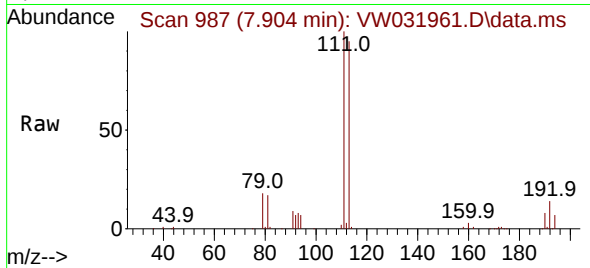




#35
 Dibromofluoromethane
 Concen: 46.301 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031961.D
 Acq: 30 Jul 2025 14:38

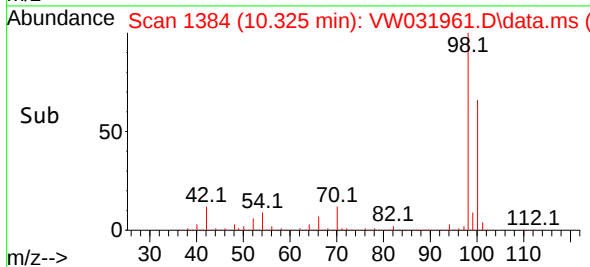
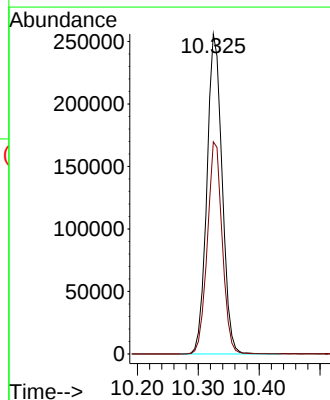
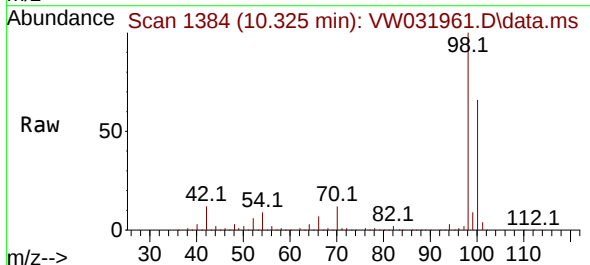
Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

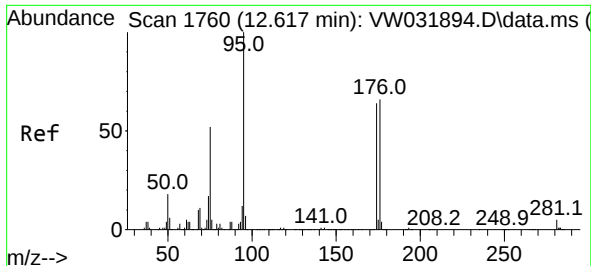
Tgt Ion:113 Resp: 117086
 Ion Ratio Lower Upper
 113 100
 111 105.8 79.9 119.9
 192 16.3 12.6 19.0



#50
 Toluene-d8
 Concen: 46.378 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031961.D
 Acq: 30 Jul 2025 14:38

Tgt Ion: 98 Resp: 443877
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5

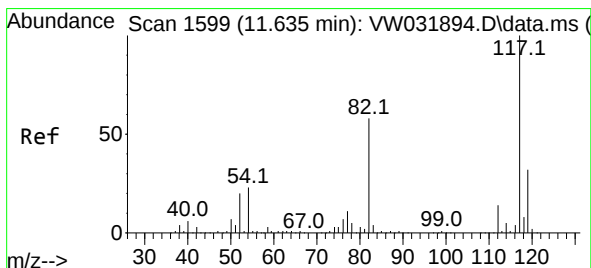
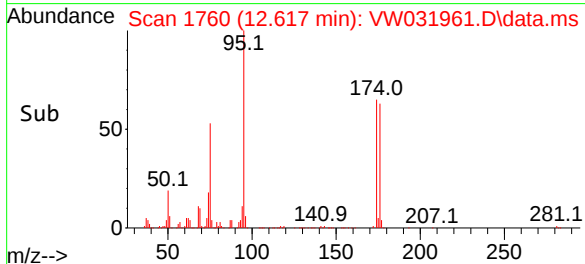
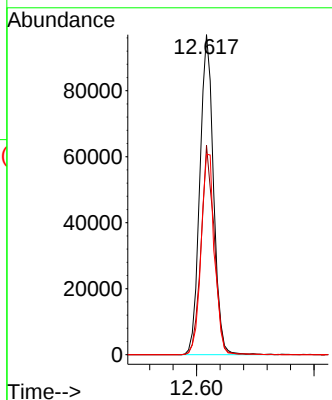
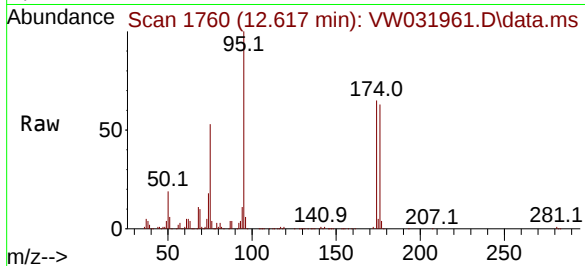




#62
4-Bromofluorobenzene
Concen: 42.431 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031961.D
Acq: 30 Jul 2025 14:38

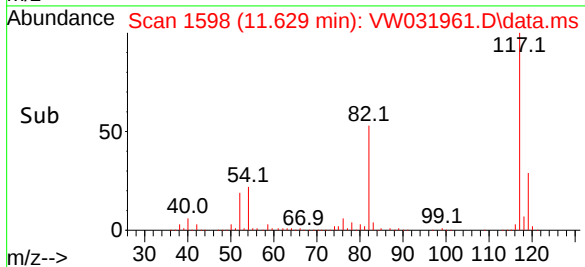
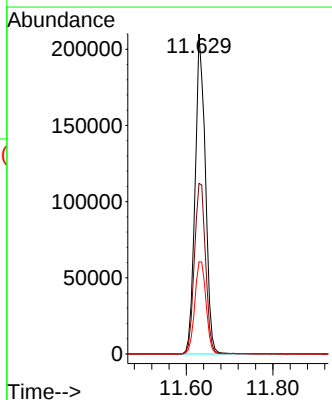
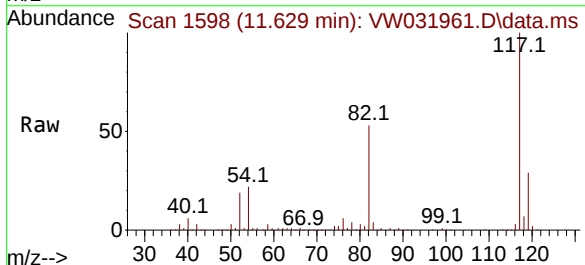
Instrument :
MSVOA_W
ClientSampleId :
WBR-PBO

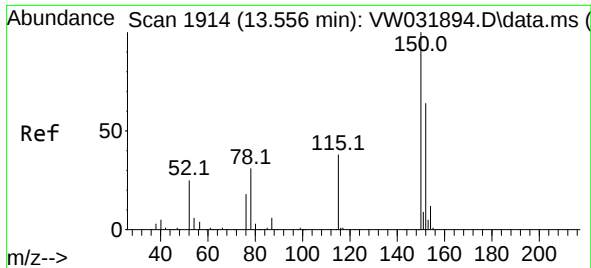
Tgt Ion: 95 Resp: 155934
Ion Ratio Lower Upper
95 100
174 63.1 0.0 129.8
176 62.0 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031961.D
Acq: 30 Jul 2025 14:38

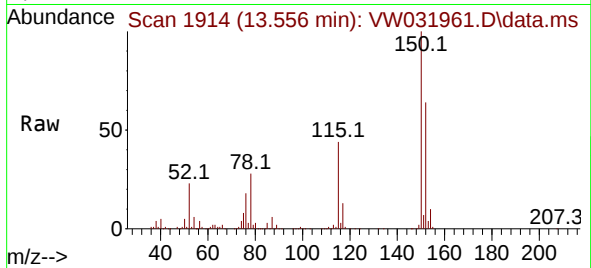
Tgt Ion: 117 Resp: 345071
Ion Ratio Lower Upper
117 100
82 53.3 46.5 69.7
119 28.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031961.D
 Acq: 30 Jul 2025 14:38

Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO



Tgt Ion:152 Resp: 161706

Ion	Ratio	Lower	Upper
152	100		
115	66.3	33.4	100.1
150	155.5	0.0	352.2

