

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031897.D
 Acq On : 22 Jul 2025 12:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 23 08:19:46 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)

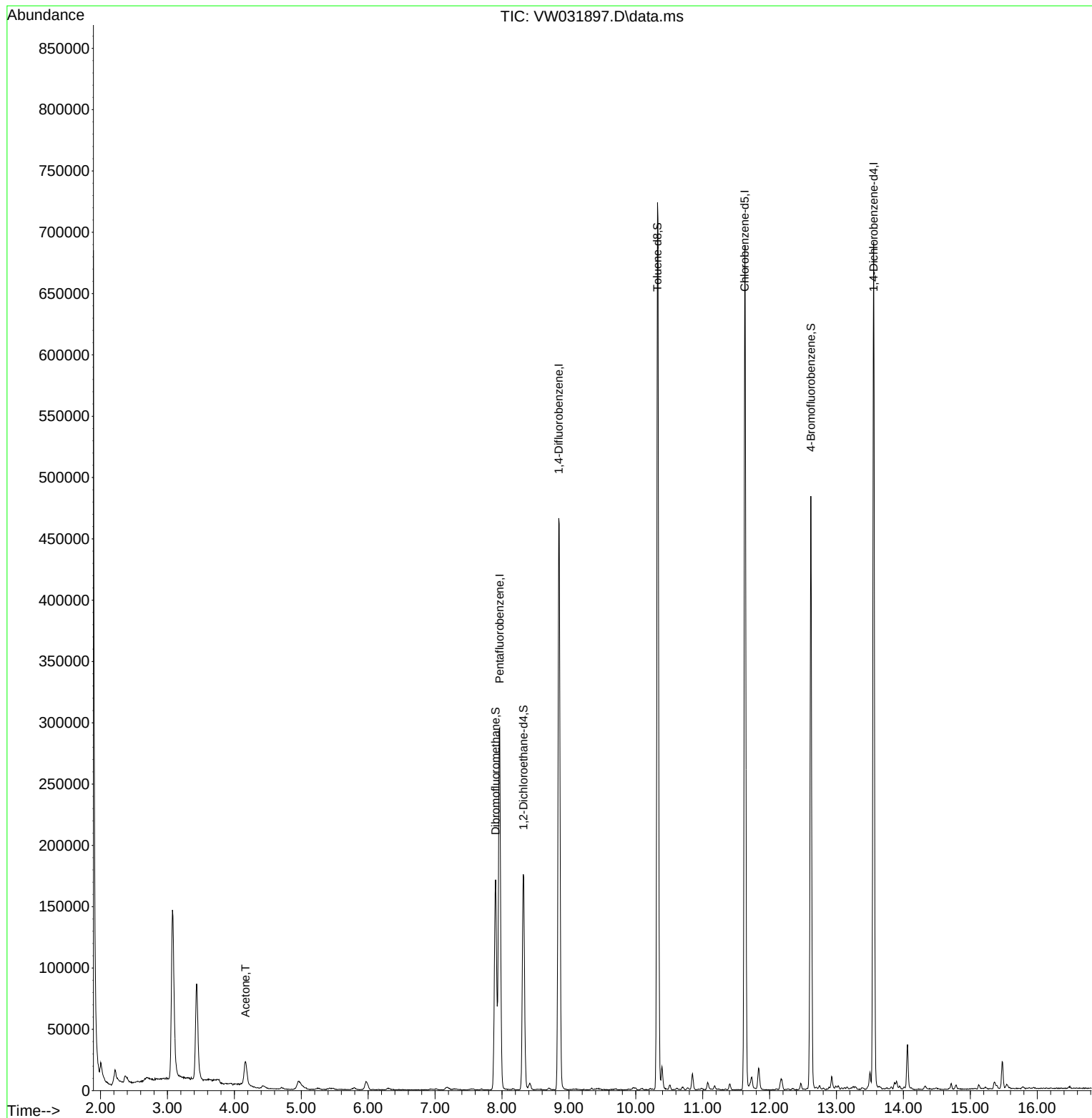
Internal Standards						
1) Pentafluorobenzene	7.965	168	203808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	403960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	374487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	150601	48.847	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.700%
35) Dibromofluoromethane	7.904	113	126422	46.056	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.120%
50) Toluene-d8	10.325	98	484589	46.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.617	95	168882	42.336	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	84.680%
Target Compounds						Qvalue
16) Acetone	4.167	43	42249	57.748	ug/l	99

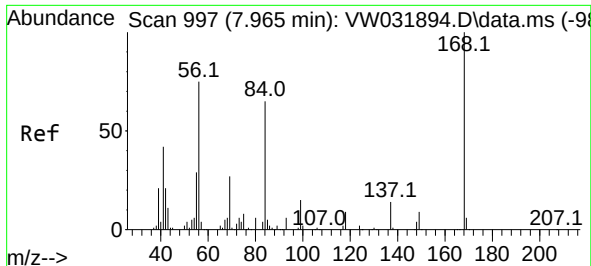
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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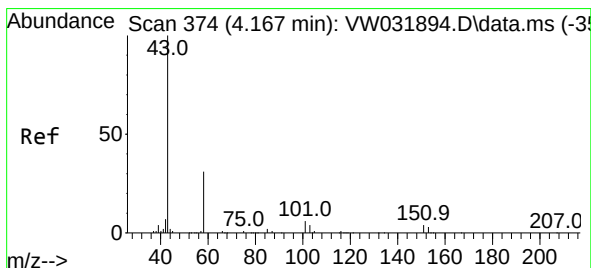
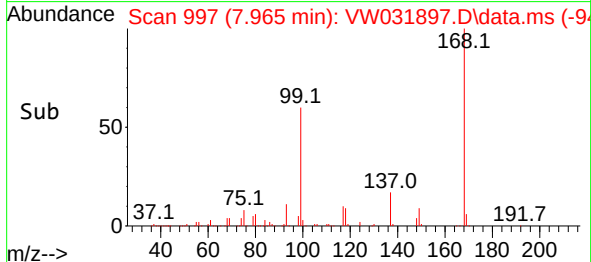
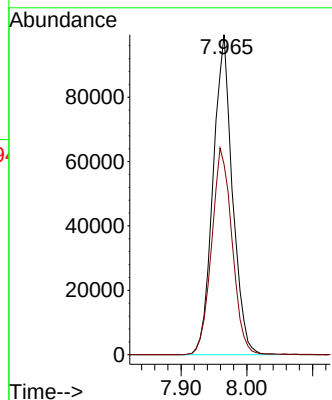
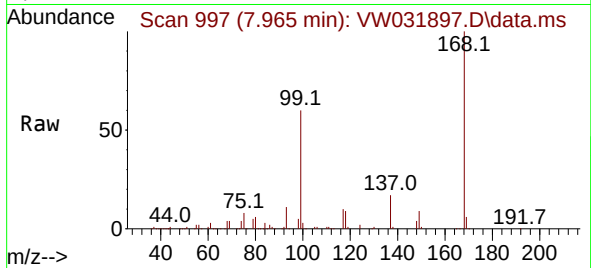




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031897.D
Acq: 22 Jul 2025 12:21

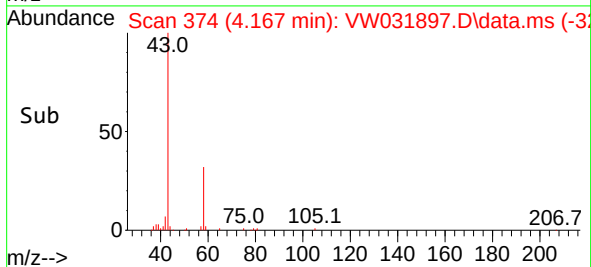
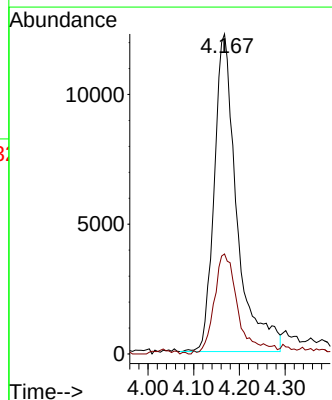
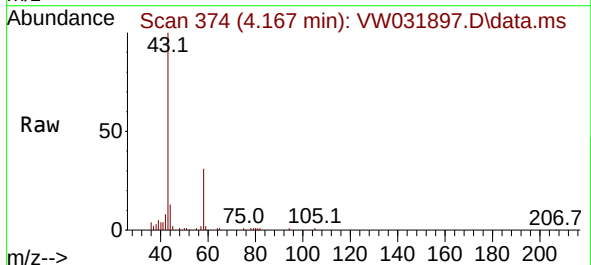
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

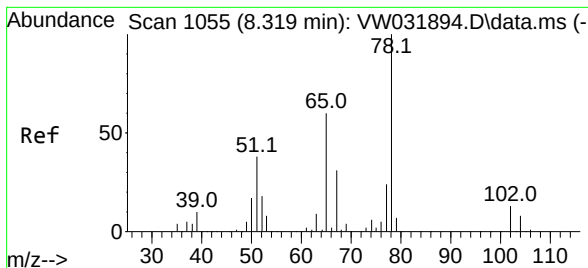
Tgt Ion:168 Resp: 203808
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.2



#16
Acetone
Concen: 57.748 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031897.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 43 Resp: 42249
Ion Ratio Lower Upper
43 100
58 31.5 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 48.847 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031897.D

Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_W

ClientSampleId :

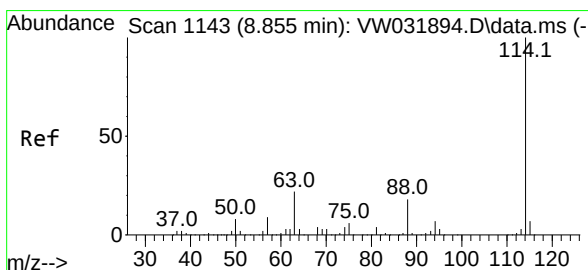
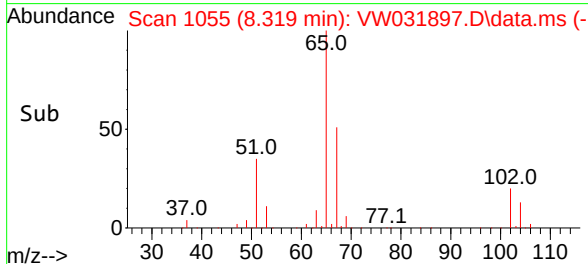
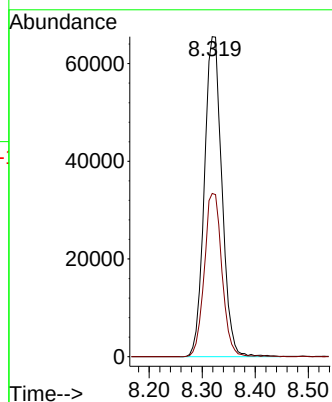
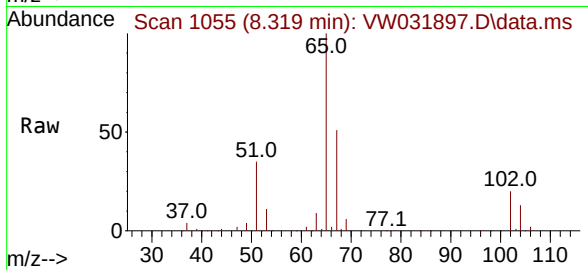
VIBLK

Tgt Ion: 65 Resp: 150601

Ion Ratio Lower Upper

65 100

67 51.1 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: VW031897.D

Acq: 22 Jul 2025 12:21

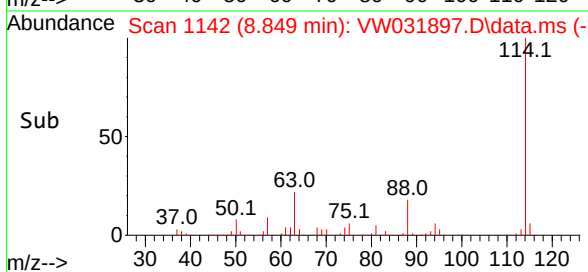
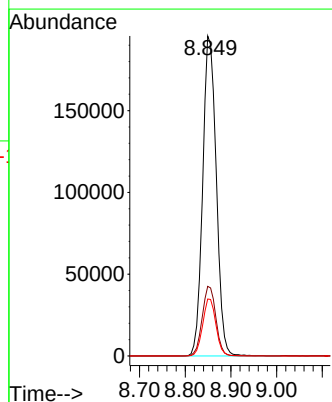
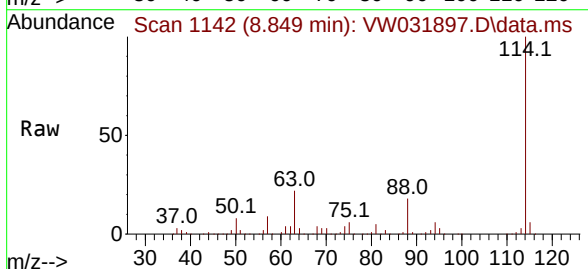
Tgt Ion: 114 Resp: 403960

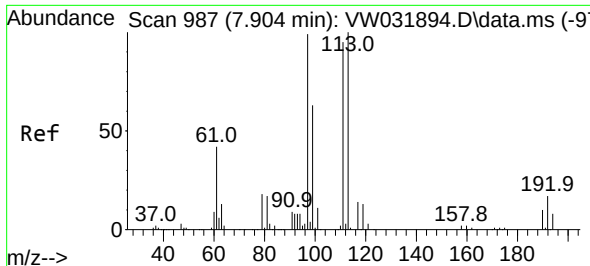
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

88 17.8 0.0 35.6

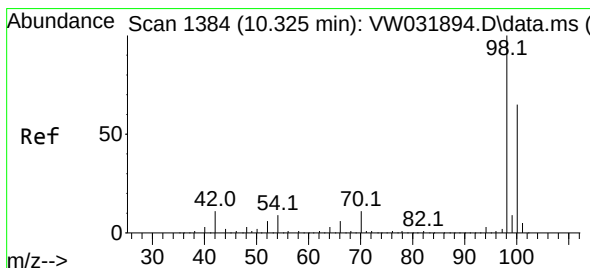
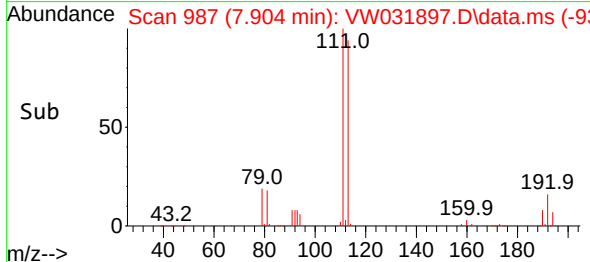
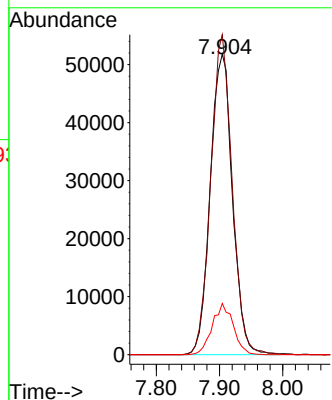
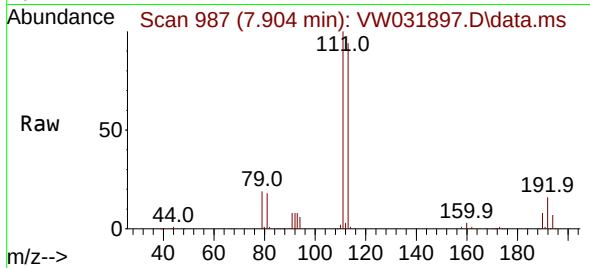




#35
 Dibromofluoromethane
 Concen: 46.056 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031897.D
 Acq: 22 Jul 2025 12:21

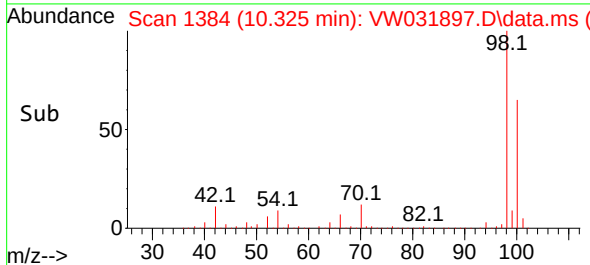
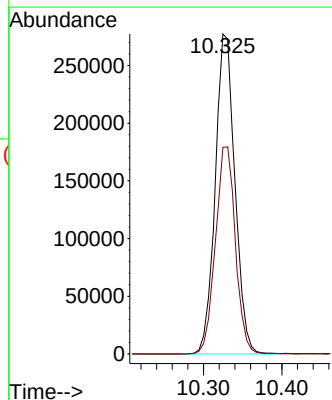
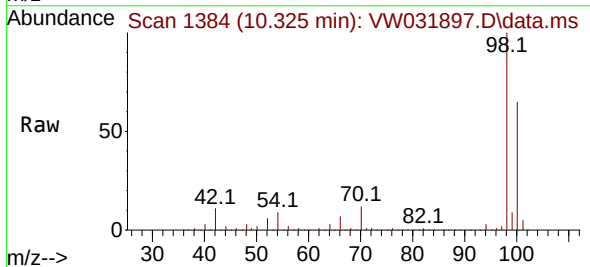
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

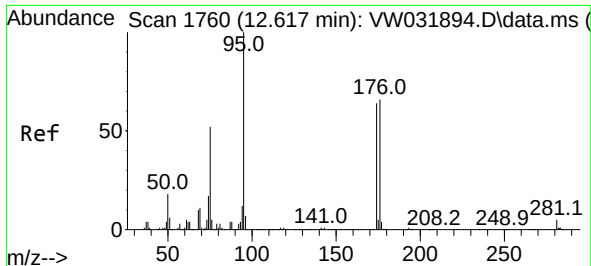
Tgt Ion:113 Resp: 126422
 Ion Ratio Lower Upper
 113 100
 111 102.3 79.9 119.9
 192 16.1 12.6 19.0



#50
 Toluene-d8
 Concen: 46.645 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031897.D
 Acq: 22 Jul 2025 12:21

Tgt Ion: 98 Resp: 484589
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.7 77.5

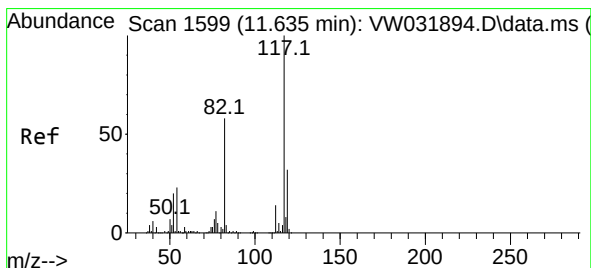
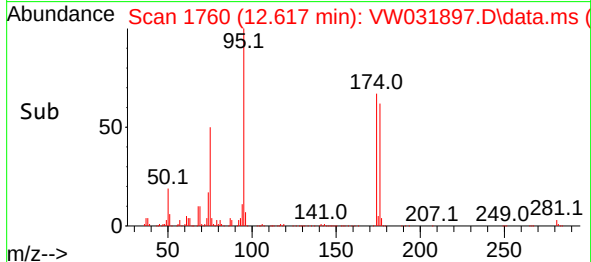
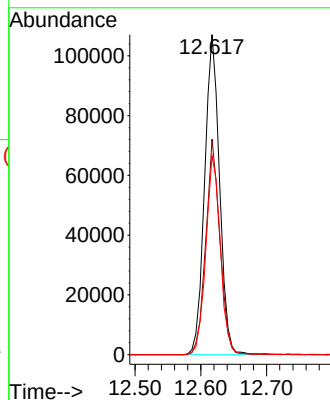
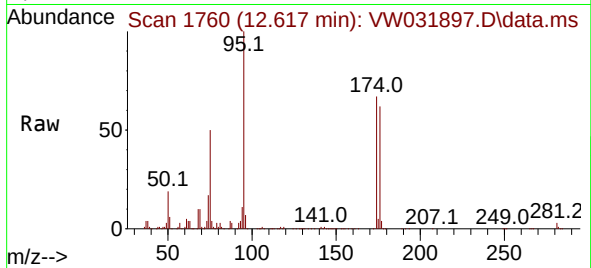




#62
4-Bromofluorobenzene
Concen: 42.336 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031897.D
Acq: 22 Jul 2025 12:21

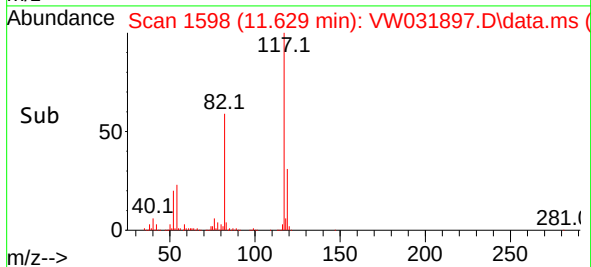
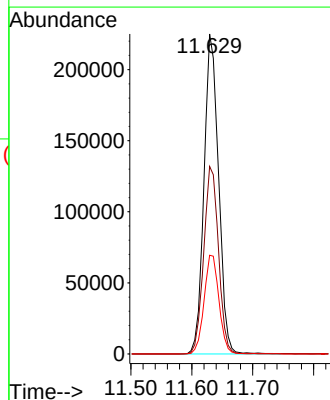
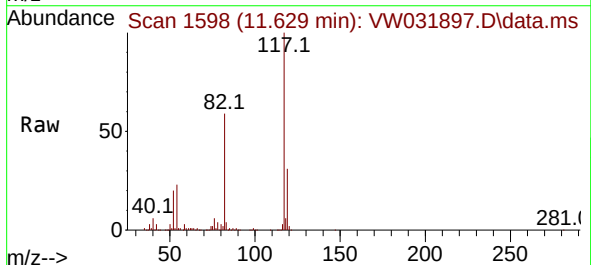
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

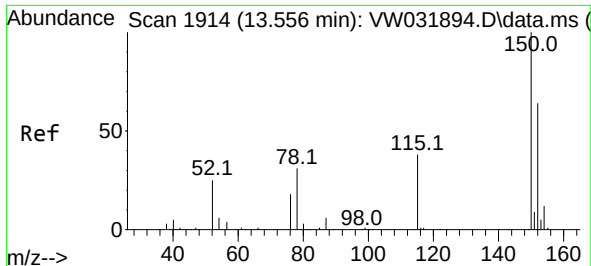
Tgt Ion: 95 Resp: 168882
Ion Ratio Lower Upper
95 100
174 64.0 0.0 129.8
176 60.7 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031897.D
Acq: 22 Jul 2025 12:21

Tgt Ion: 117 Resp: 374487
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 30.8 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: VW031897.D

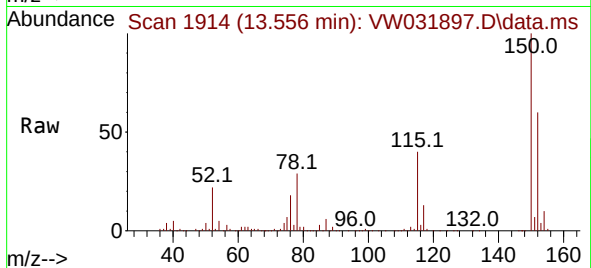
Acq: 22 Jul 2025 12:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 175391

Ion Ratio Lower Upper

152 100

115 65.9 33.4 100.1

150 149.5 0.0 352.2

