

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031788.D
 Acq On : 09 Jul 2025 20:25
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 10 01:32:29 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)

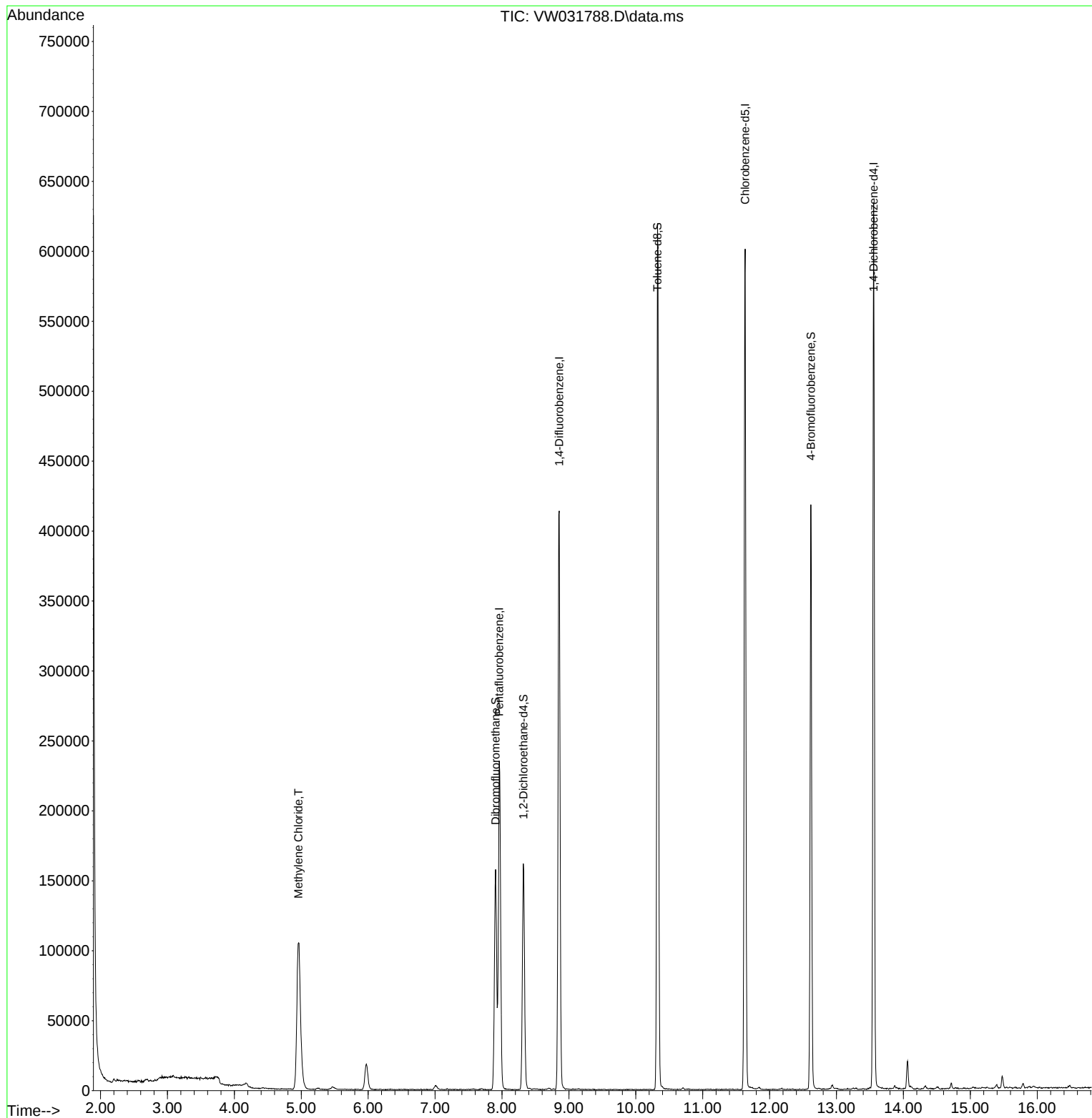
Internal Standards						
1) Pentafluorobenzene	7.959	168	158248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	353554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	324280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	146111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136241	59.991	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	119.980%
35) Dibromofluoromethane	7.904	113	113192	49.063	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.120%
50) Toluene-d8	10.325	98	409813	47.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.617	95	146304	46.306	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	92.620%
Target Compounds						
20) Methylene Chloride	4.960	84	101938	44.987	ug/l	Qvalue 97

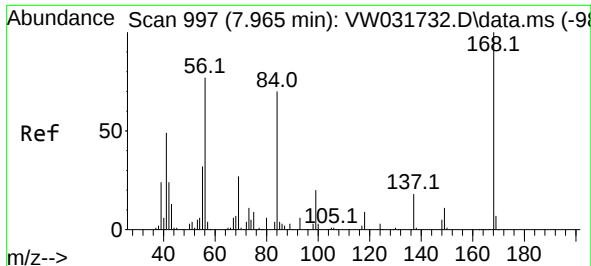
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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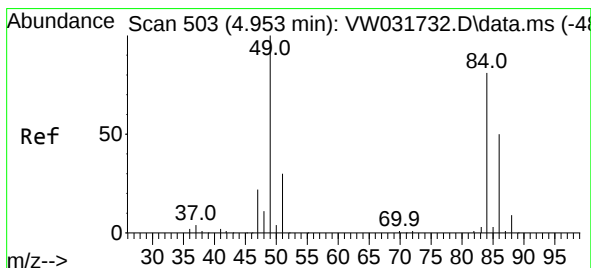
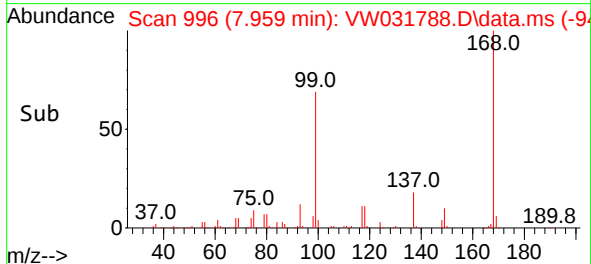
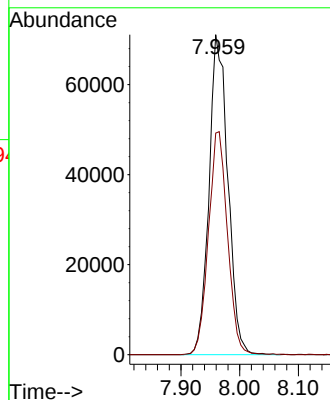
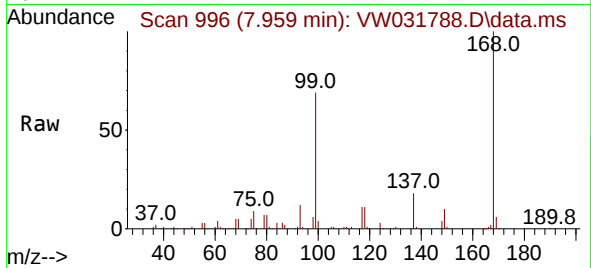




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031788.D
Acq: 09 Jul 2025 20:25

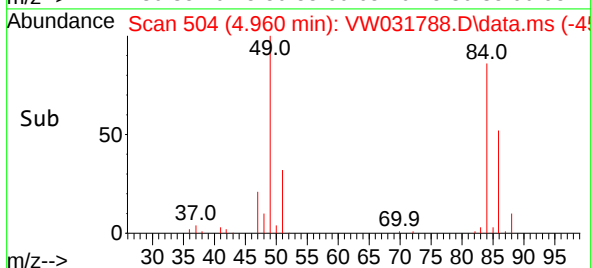
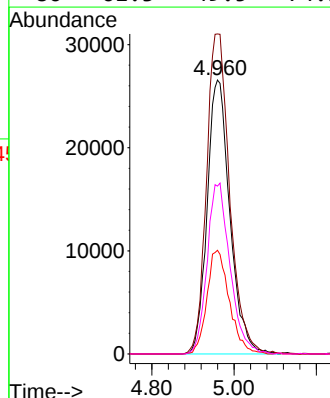
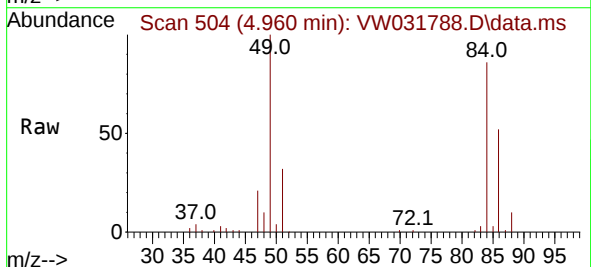
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

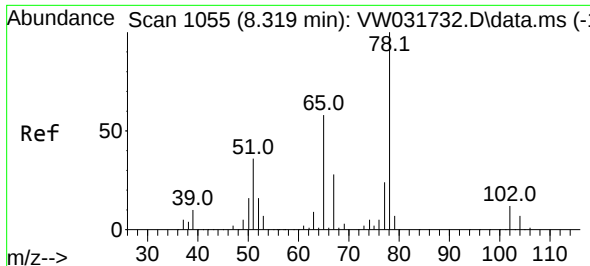
Tgt Ion:168 Resp: 158248
Ion Ratio Lower Upper
168 100
99 69.3 49.4 74.2



#20
Methylene Chloride
Concen: 44.987 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031788.D
Acq: 09 Jul 2025 20:25

Tgt Ion: 84 Resp: 101938
Ion Ratio Lower Upper
84 100
49 116.8 98.2 147.4
51 37.9 29.8 44.8
86 61.3 49.5 74.3

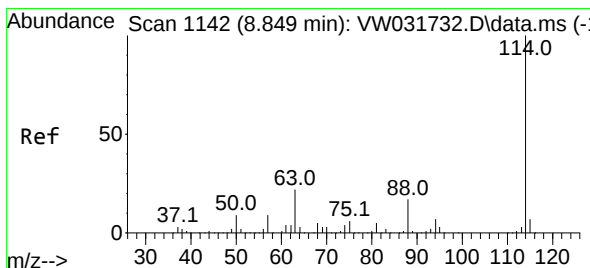
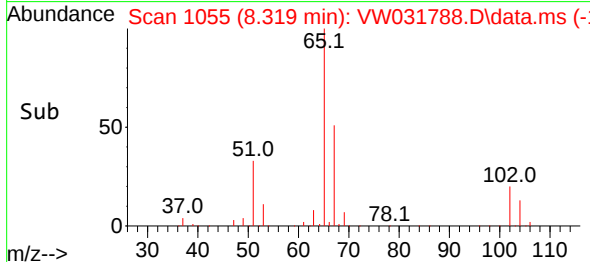
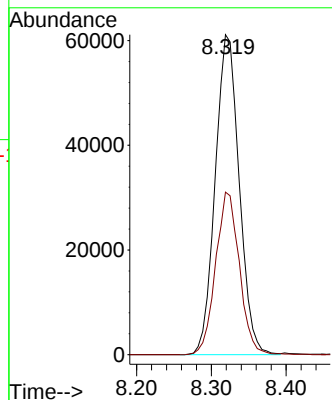
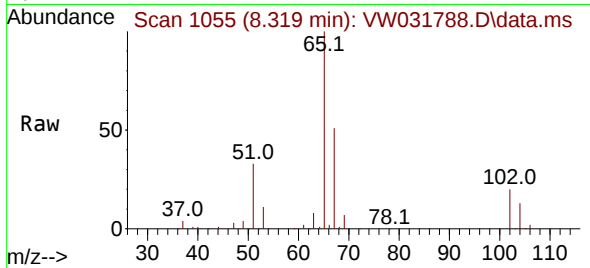




#33
 1,2-Dichloroethane-d4
 Concen: 59.991 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031788.D
 Acq: 09 Jul 2025 20:25

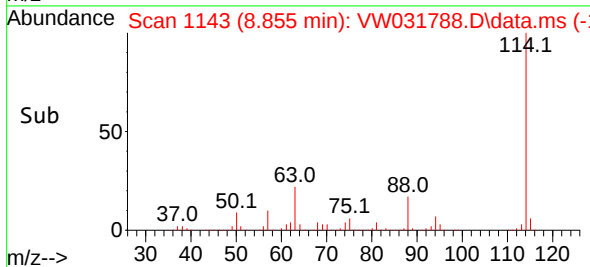
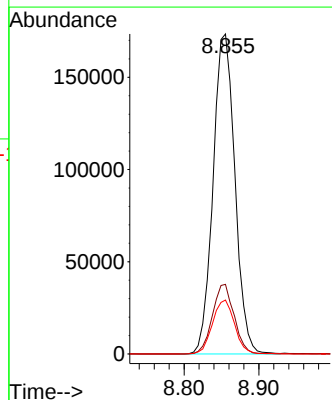
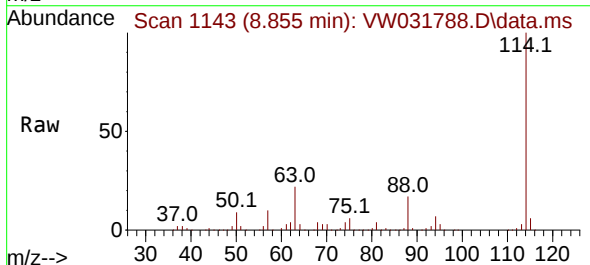
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

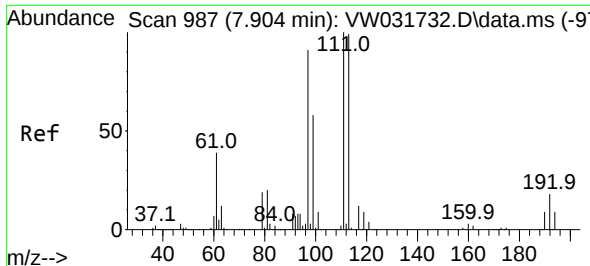
Tgt Ion: 65 Resp: 136241
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031788.D
 Acq: 09 Jul 2025 20:25

Tgt Ion: 114 Resp: 353554
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.6
 88 16.8 0.0 34.2



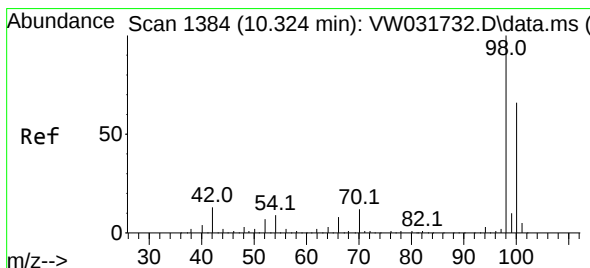
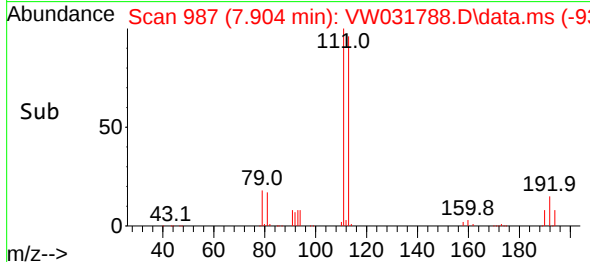
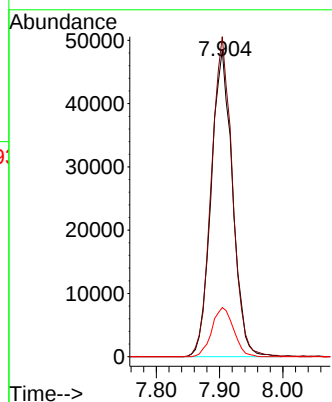
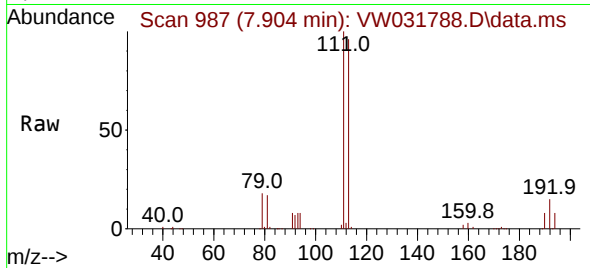


#35
 Dibromofluoromethane
 Concen: 49.063 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031788.D
 Acq: 09 Jul 2025 20:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Tgt Ion:113 Resp: 113192

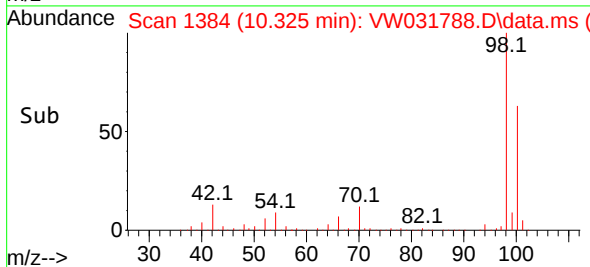
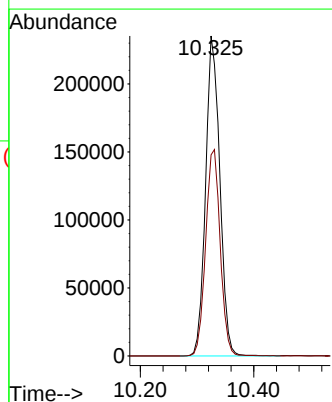
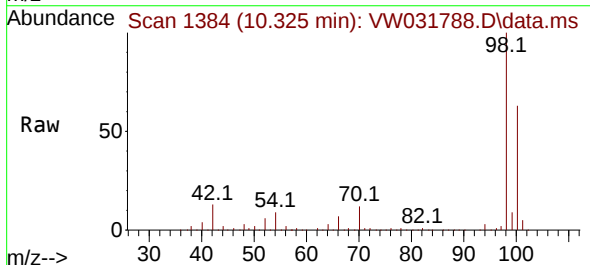
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	16.3	13.8	20.6

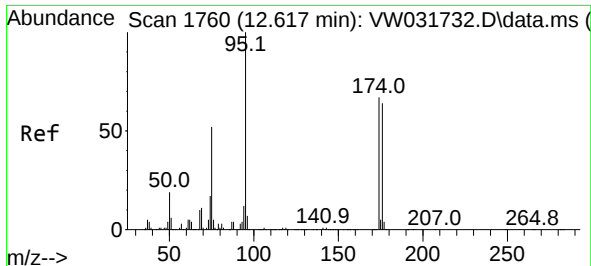


#50
 Toluene-d8
 Concen: 47.733 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031788.D
 Acq: 09 Jul 2025 20:25

Tgt Ion: 98 Resp: 409813

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

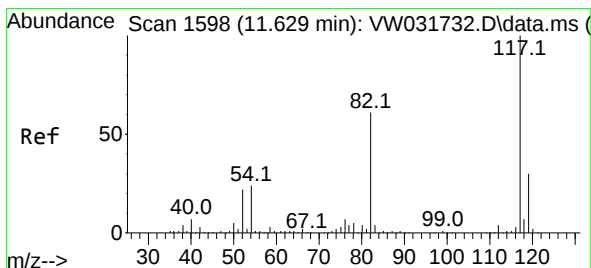
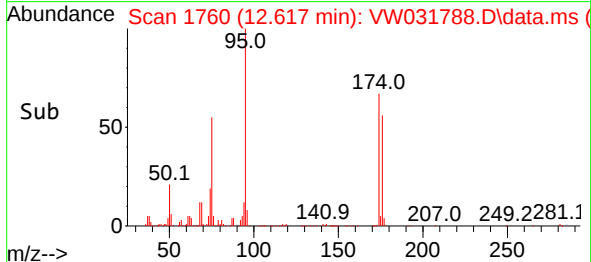
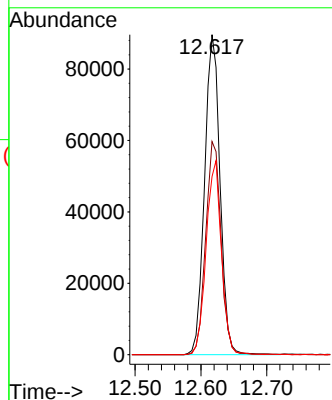
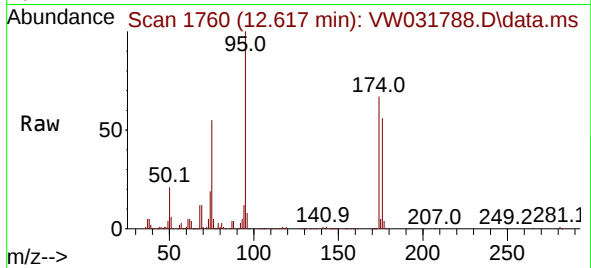




#62
4-Bromofluorobenzene
Concen: 46.306 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031788.D
Acq: 09 Jul 2025 20:25

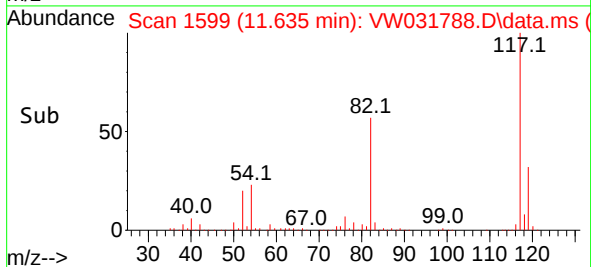
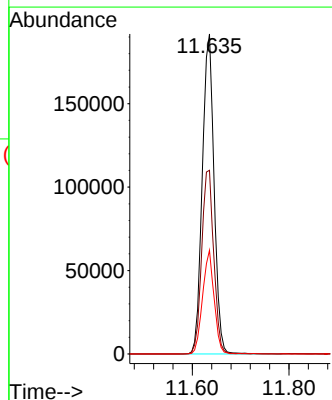
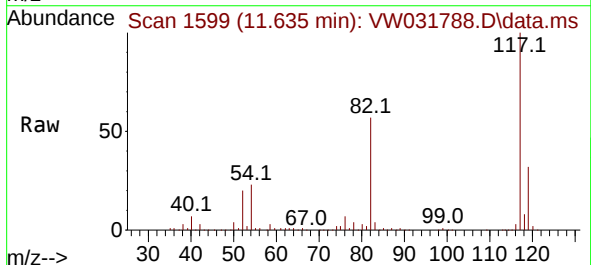
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

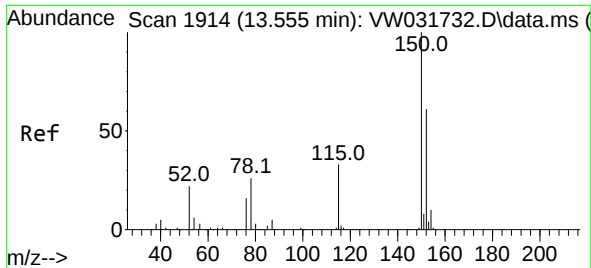
Tgt Ion: 95 Resp: 146304
Ion Ratio Lower Upper
95 100
174 66.2 0.0 133.8
176 60.2 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031788.D
Acq: 09 Jul 2025 20:25

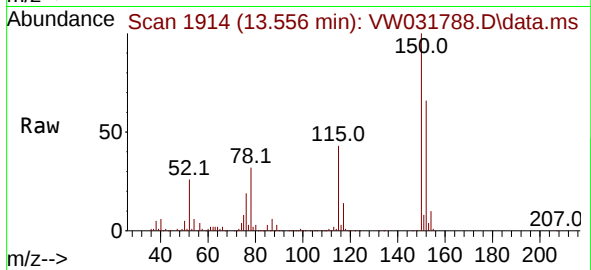
Tgt Ion: 117 Resp: 324280
Ion Ratio Lower Upper
117 100
82 57.4 48.6 72.8
119 32.4 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031788.D
 Acq: 09 Jul 2025 20:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 146111
 Ion Ratio Lower Upper
 152 100
 115 70.1 31.9 95.7
 150 162.9 0.0 356.4

