

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032096.D
 Acq On : 14 Aug 2025 16:10
 Operator : SY/MD
 Sample : Q2820-13
 Misc : 9.13g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 10P-W

Quant Time: Aug 18 03:54:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

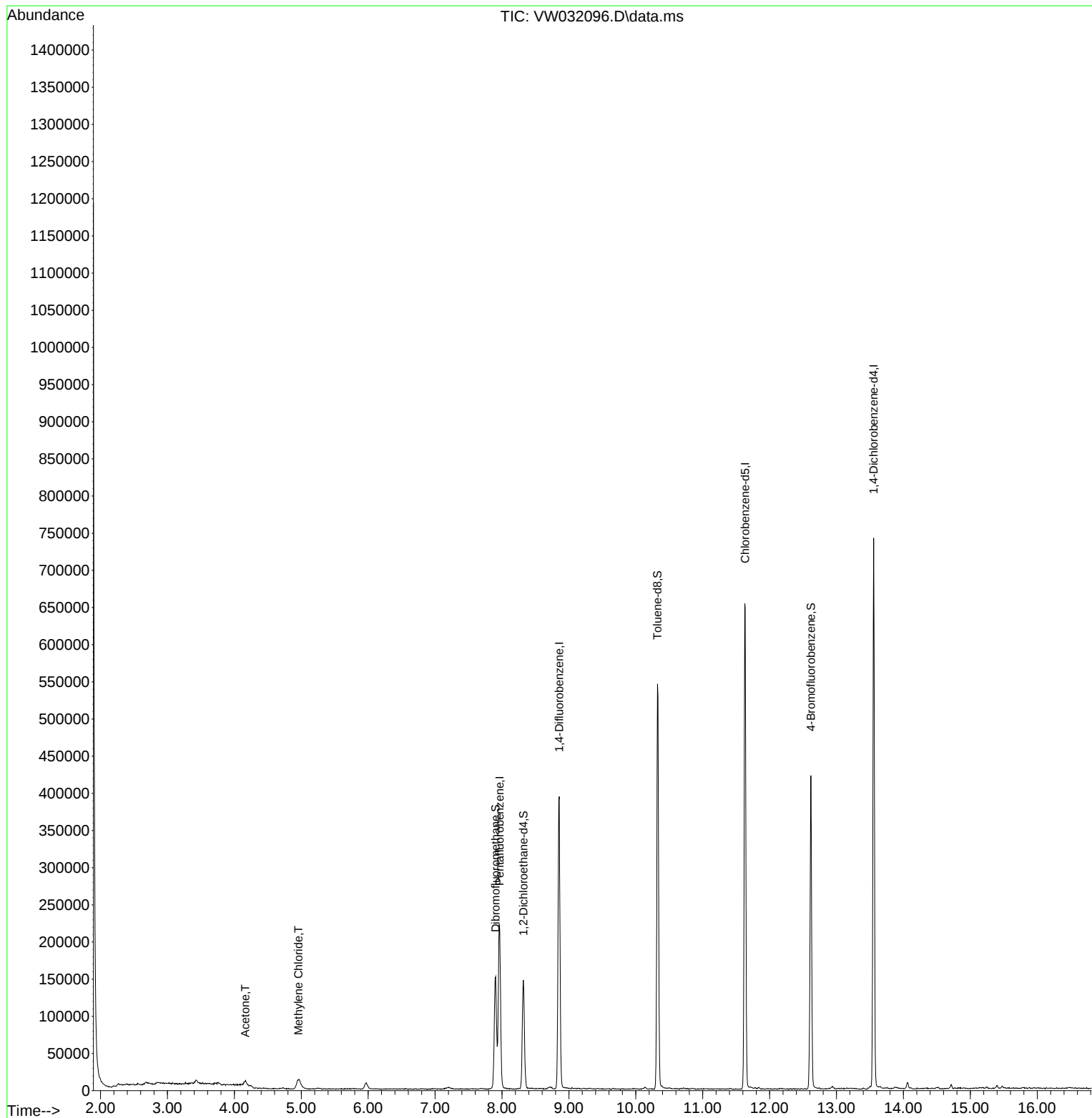
Internal Standards						
1) Pentafluorobenzene	7.965	168	153502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	317351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	347999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	120279	54.178	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 108.360%		
35) Dibromofluoromethane	7.904	113	108290	52.819	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 105.640%		
50) Toluene-d8	10.325	98	353584	46.628	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 93.260%		
62) 4-Bromofluorobenzene	12.617	95	127022	45.455	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 90.900%		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	7948	15.463	ug/l #	88
20) Methylene Chloride	4.960	84	13233	5.568	ug/l	92

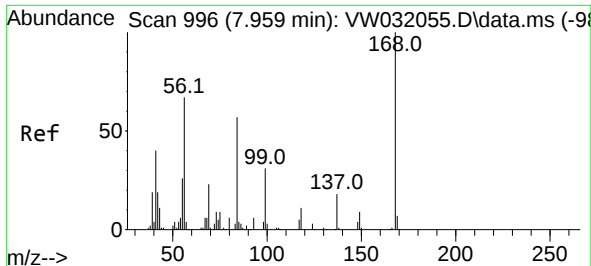
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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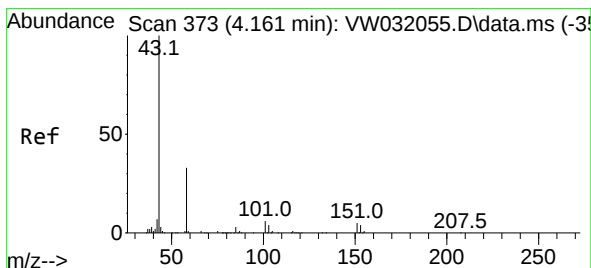
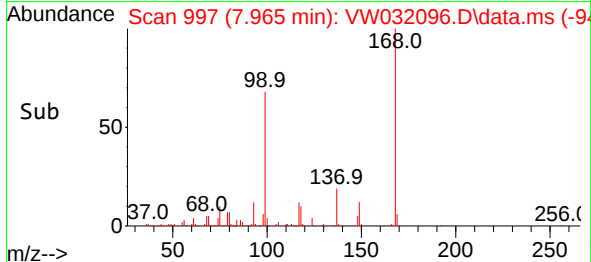
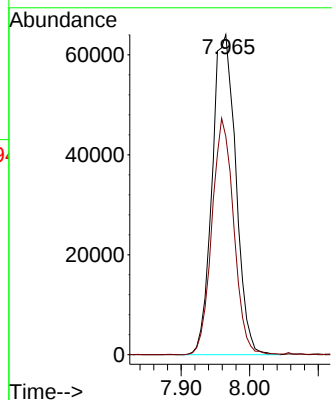
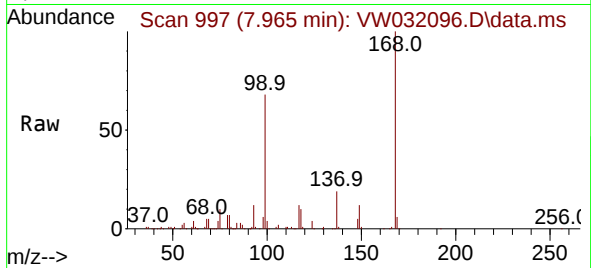




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

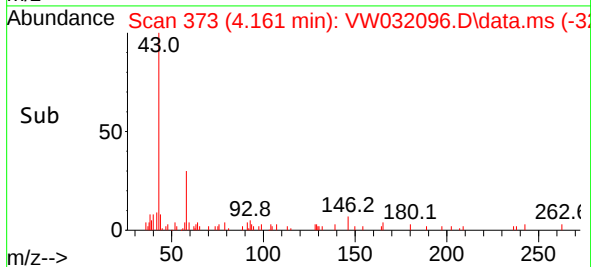
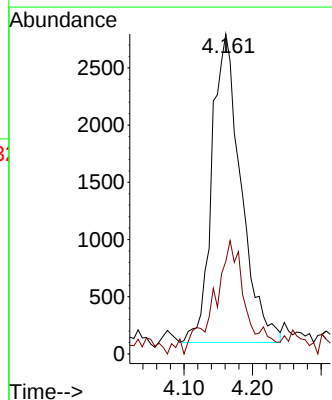
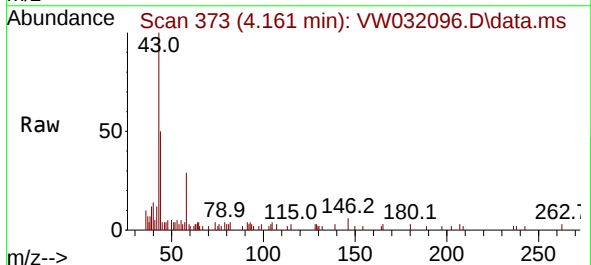
Instrument :
MSVOA_W
ClientSampleId :
10P-W

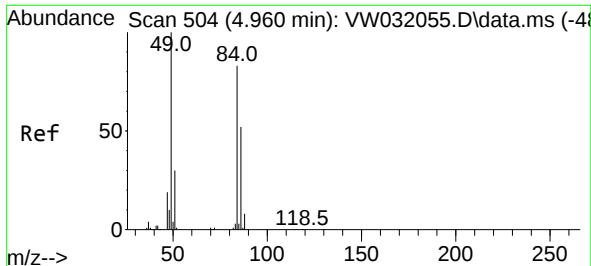
Tgt Ion:168 Resp: 153502
Ion Ratio Lower Upper
168 100
99 68.2 56.0 84.0



#16
Acetone
Concen: 15.463 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

Tgt Ion: 43 Resp: 7948
Ion Ratio Lower Upper
43 100
58 26.1 26.6 39.8

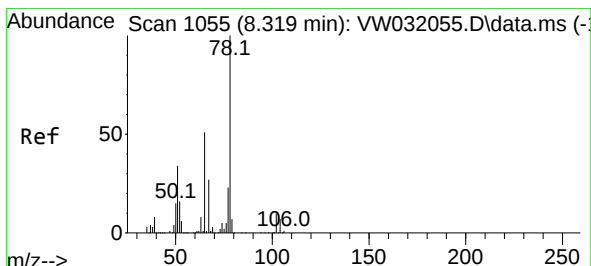
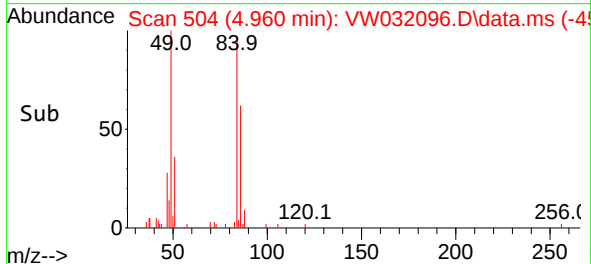
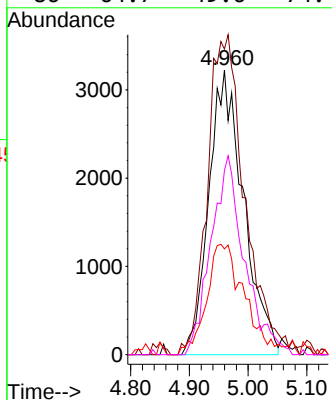
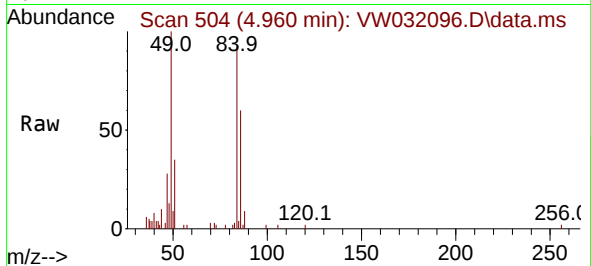




#20
Methylene Chloride
Concen: 5.568 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

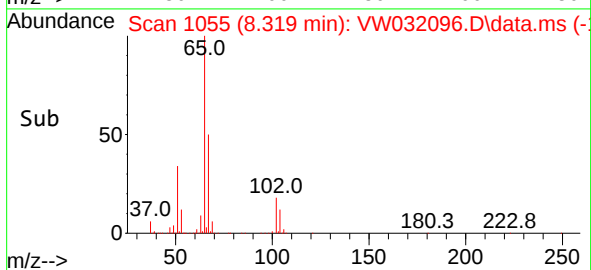
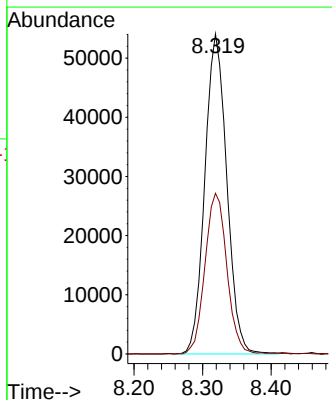
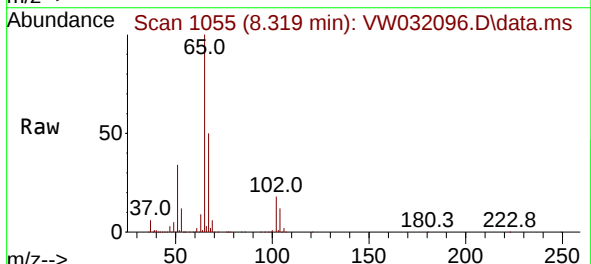
Instrument :
MSVOA_W
ClientSampleId :
10P-W

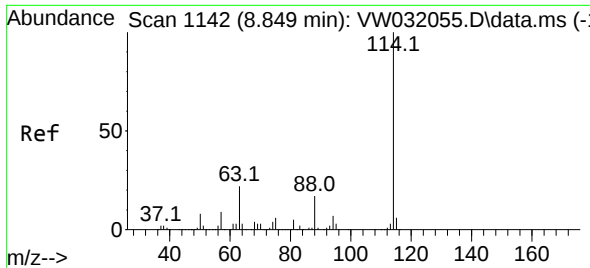
Tgt Ion:	84	Resp:	13233
Ion	Ratio	Lower	Upper
84	100		
49	107.3	95.9	143.9
51	37.1	28.6	43.0
86	64.7	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 54.178 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

Tgt Ion:	65	Resp:	120279
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.4

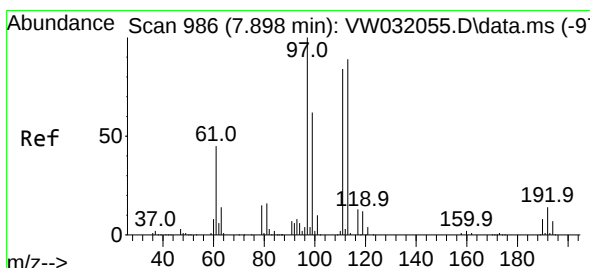
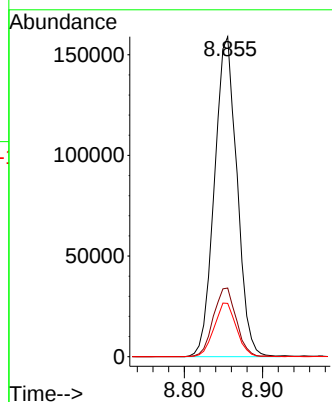
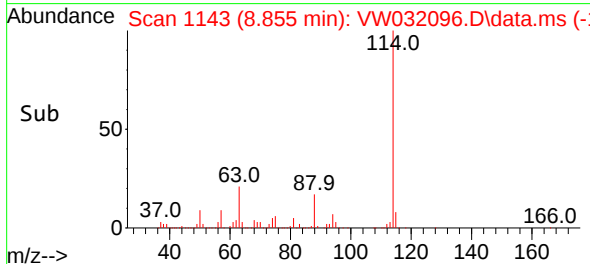
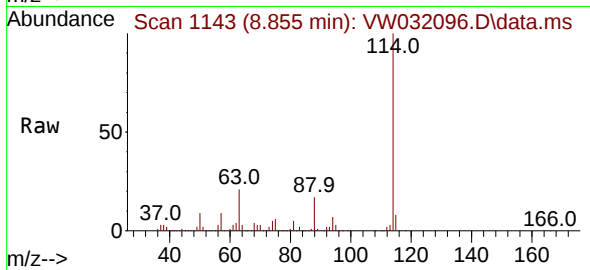




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

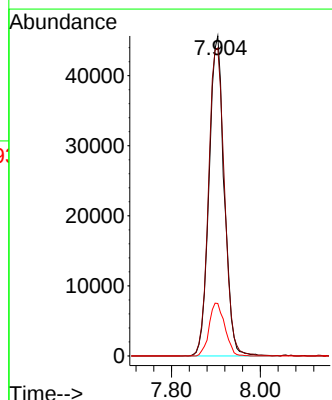
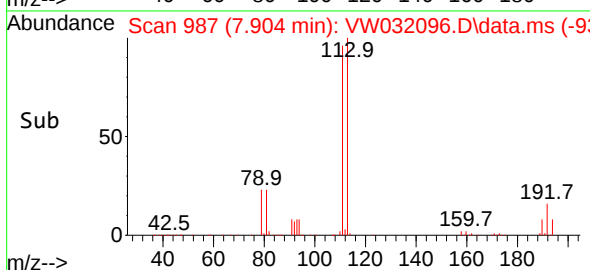
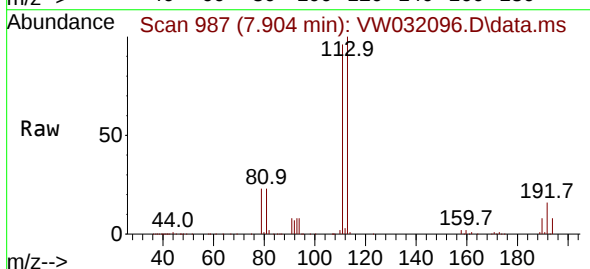
Instrument :
MSVOA_W
ClientSampleId :
10P-W

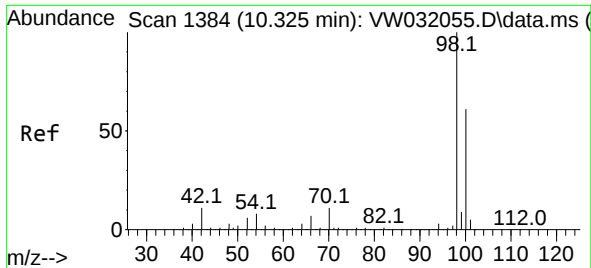
Tgt Ion:114 Resp: 317351
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.0
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.819 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

Tgt Ion:113 Resp: 108290
Ion Ratio Lower Upper
113 100
111 101.5 80.1 120.1
192 17.1 13.1 19.7

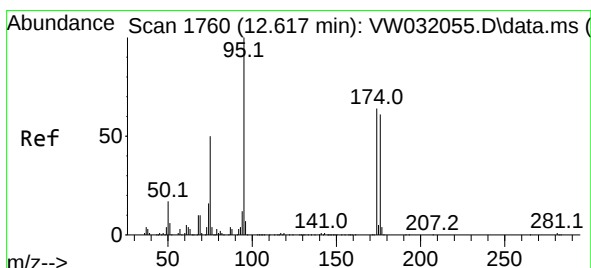
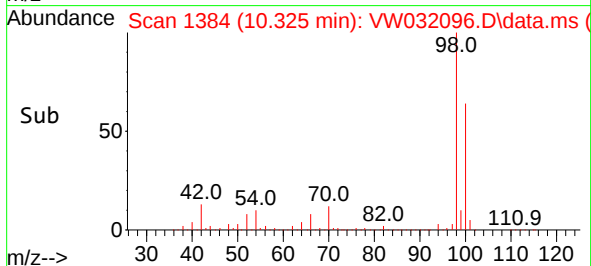
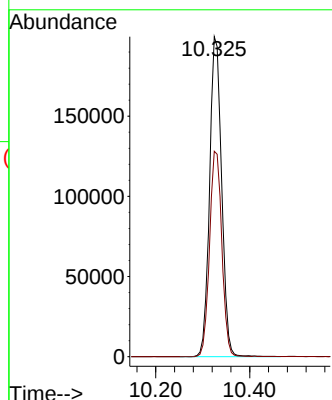
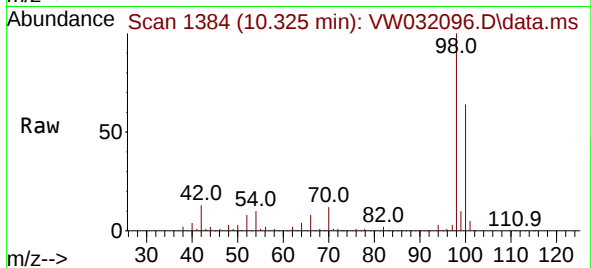




#50
Toluene-d8
Concen: 46.628 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

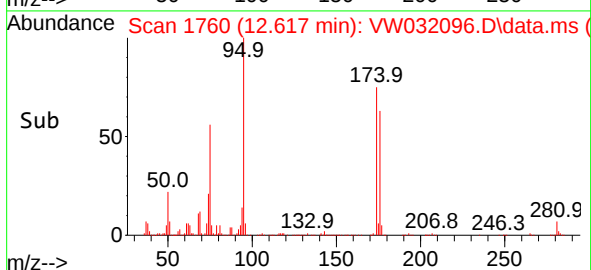
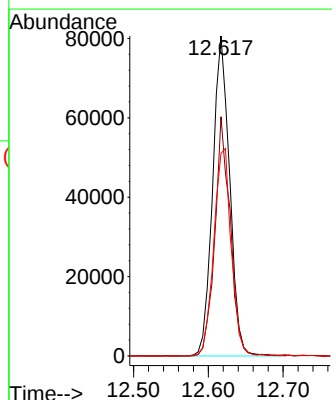
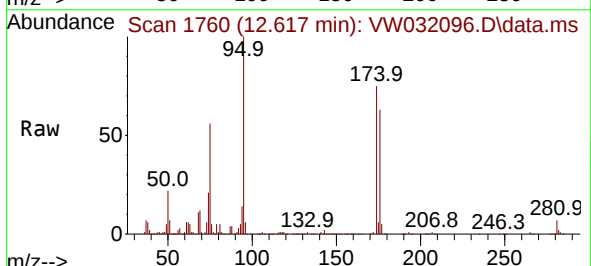
Instrument :
MSVOA_W
ClientSampleId :
10P-W

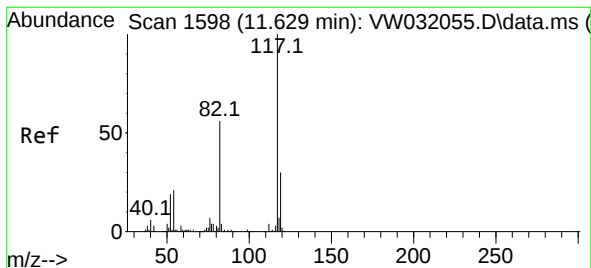
Tgt Ion: 98 Resp: 353584
Ion Ratio Lower Upper
98 100
100 65.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.455 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032096.D
Acq: 14 Aug 2025 16:10

Tgt Ion: 95 Resp: 127022
Ion Ratio Lower Upper
95 100
174 67.9 0.0 129.0
176 67.1 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032096.D

Acq: 14 Aug 2025 16:10

Instrument :

MSVOA_W

ClientSampleId :

10P-W

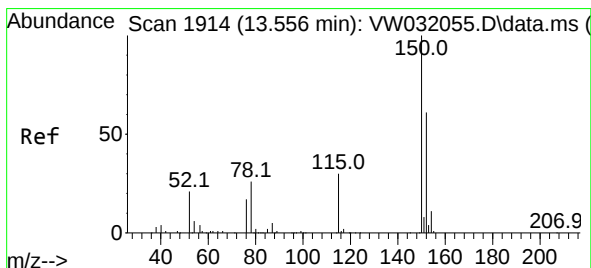
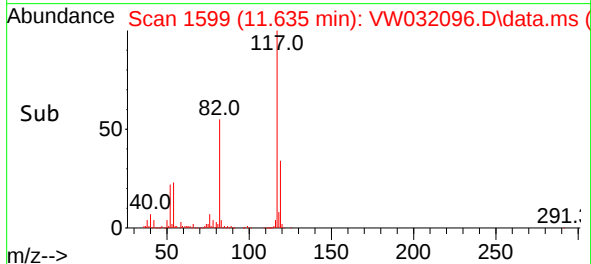
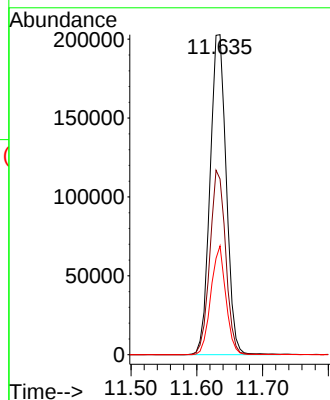
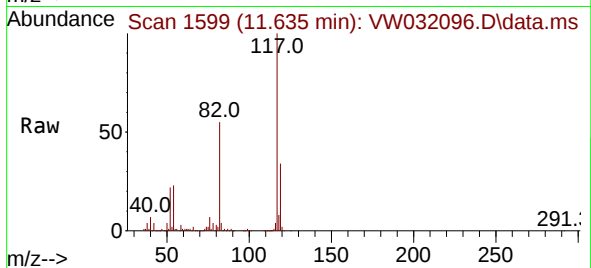
Tgt Ion:117 Resp: 347999

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.4

119 34.0 24.2 36.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032096.D

Acq: 14 Aug 2025 16:10

Tgt Ion:152 Resp: 179419

Ion Ratio Lower Upper

152 100

115 60.3 32.6 97.8

150 149.2 0.0 359.4

