

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032071.D
 Acq On : 11 Aug 2025 16:56
 Operator : SY/MD
 Sample : Q2819-01
 Misc : 8.52g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 22BP-N

Quant Time: Aug 12 04:28:04 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)

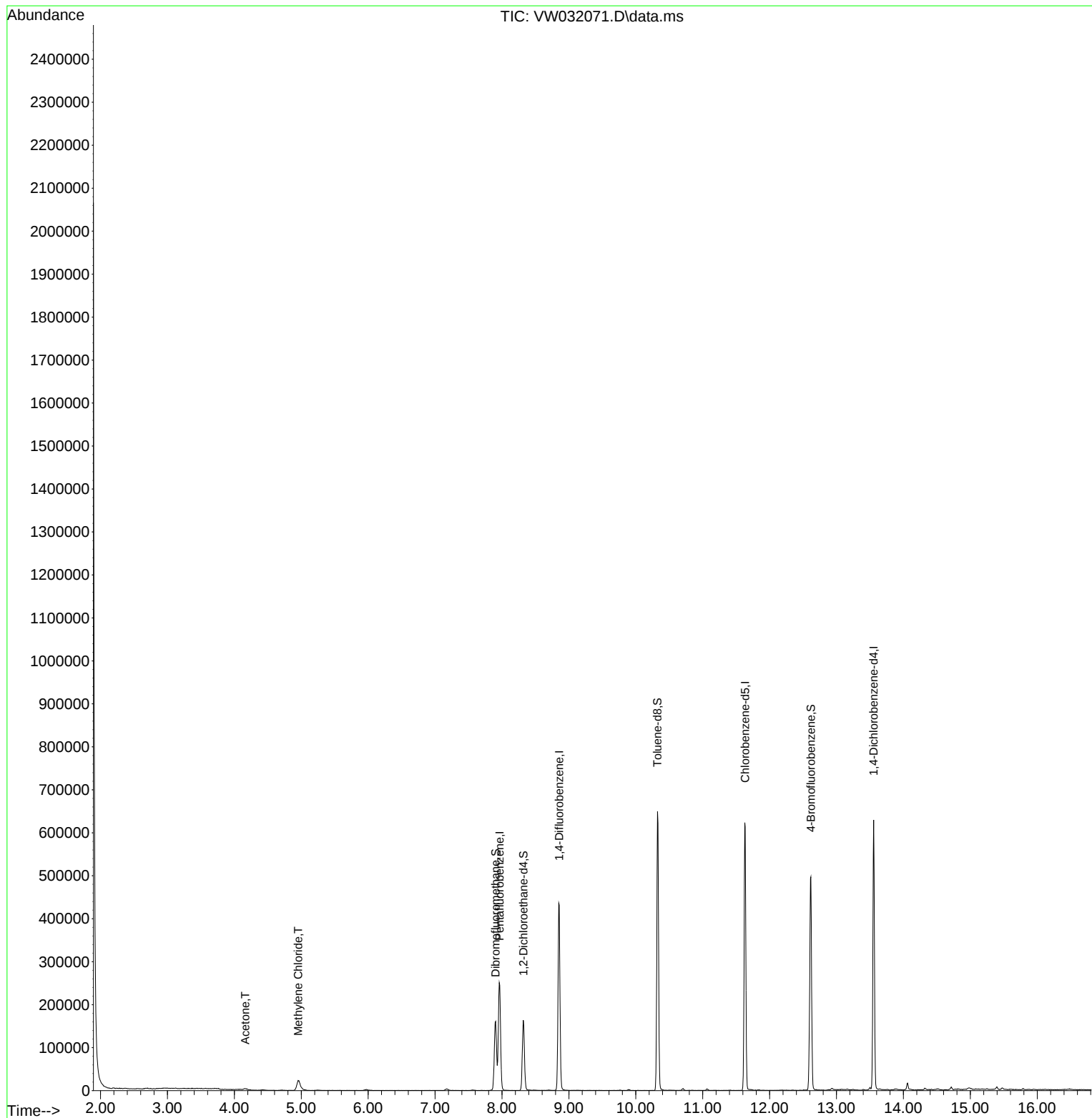
Internal Standards						
1) Pentafluorobenzene	7.965	168	179118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	369689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	349416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	149992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134686	51.991	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.980%	
35) Dibromofluoromethane	7.904	113	122452	51.271	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.540%	
50) Toluene-d8	10.325	98	446094	50.499	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.617	95	157399	48.351	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 96.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	4561	7.604	ug/l	90
20) Methylene Chloride	4.954	84	22396	8.076	ug/l	97

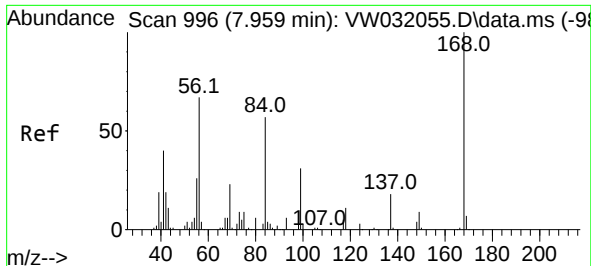
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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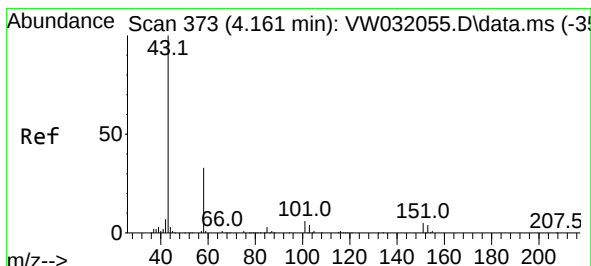
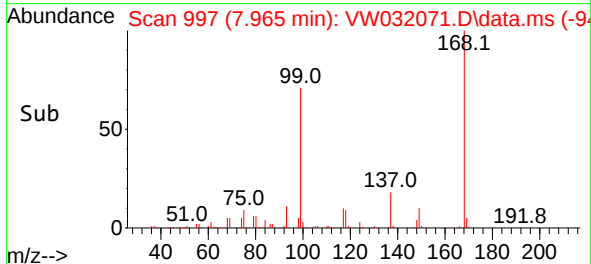
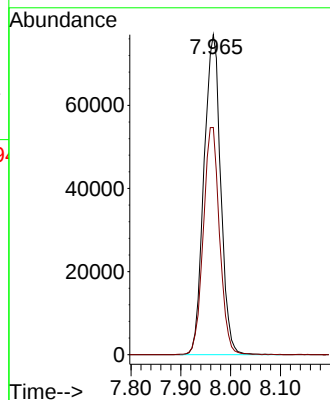
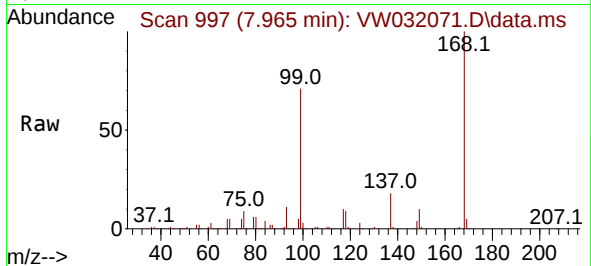




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032071.D
Acq: 11 Aug 2025 16:56

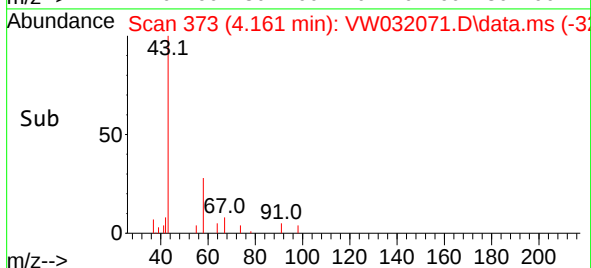
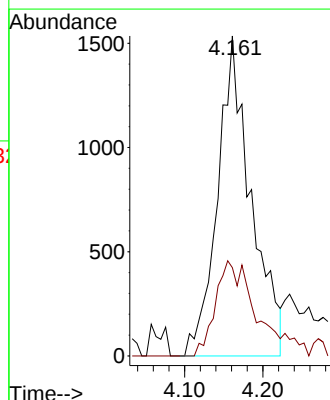
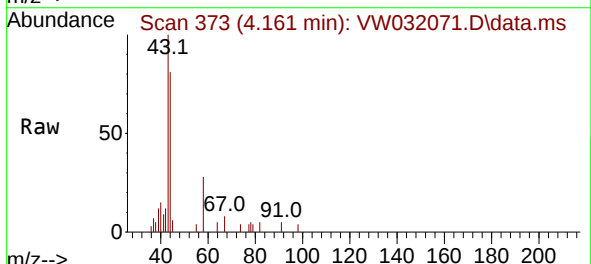
Instrument :
MSVOA_W
ClientSampleId :
22BP-N

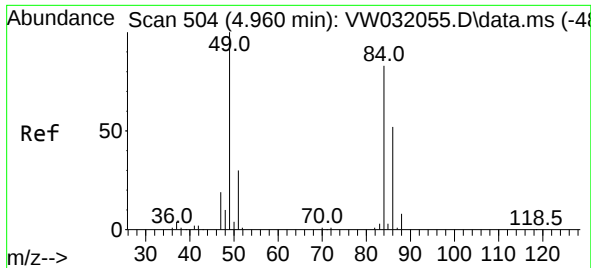
Tgt Ion:168 Resp: 179118
Ion Ratio Lower Upper
168 100
99 70.9 56.0 84.0



#16
Acetone
Concen: 7.604 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032071.D
Acq: 11 Aug 2025 16:56

Tgt Ion: 43 Resp: 4561
Ion Ratio Lower Upper
43 100
58 27.6 26.6 39.8

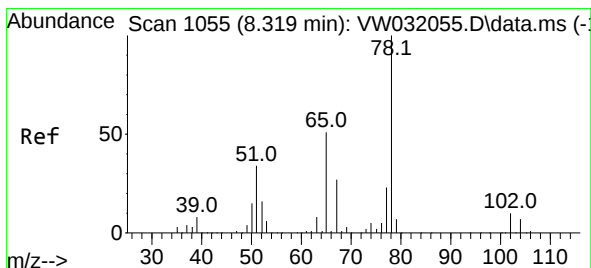
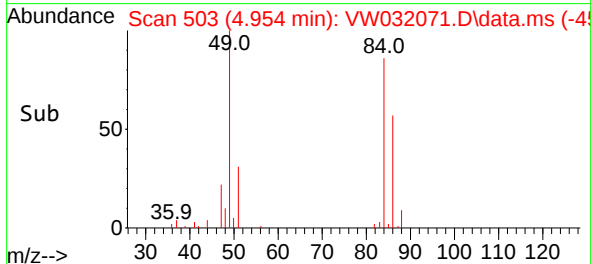
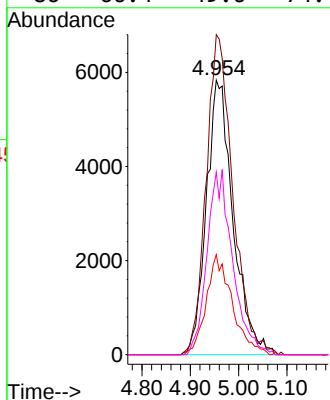
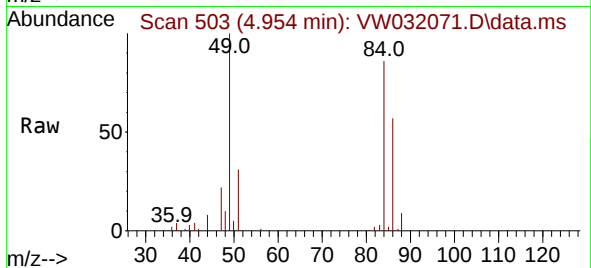




#20
Methylene Chloride
Concen: 8.076 ug/l
RT: 4.954 min Scan# 504
Delta R.T. -0.006 min
Lab File: VW032071.D
Acq: 11 Aug 2025 16:56

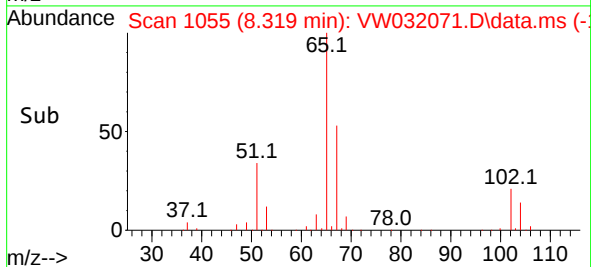
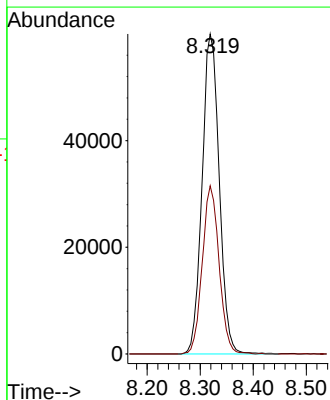
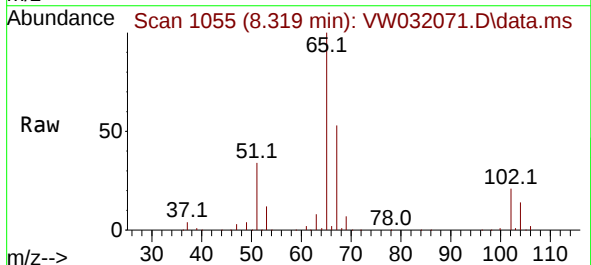
Instrument :
MSVOA_W
ClientSampleId :
22BP-N

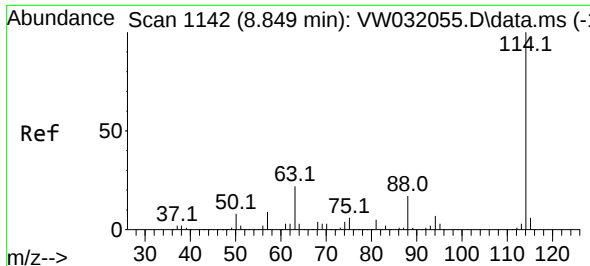
Tgt Ion:	84	Resp:	22396
Ion	Ratio	Lower	Upper
84	100		
49	116.6	95.9	143.9
51	36.4	28.6	43.0
86	66.4	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 51.991 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032071.D
Acq: 11 Aug 2025 16:56

Tgt Ion:	65	Resp:	134686
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW032071.D

Acq: 11 Aug 2025 16:56

Instrument :

MSVOA_W

ClientSampleId :

22BP-N

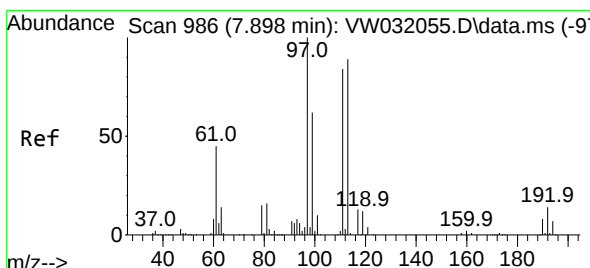
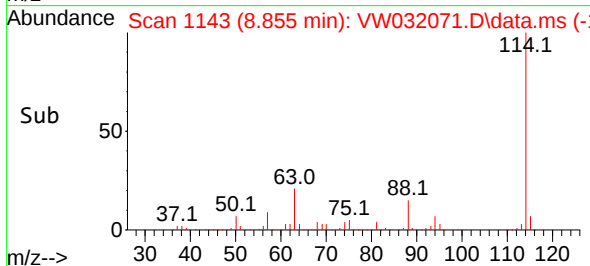
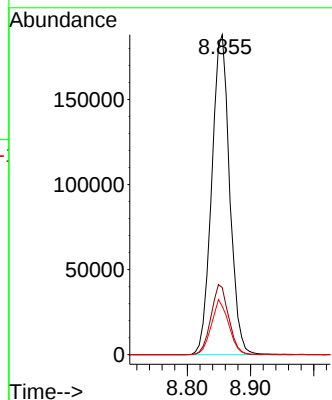
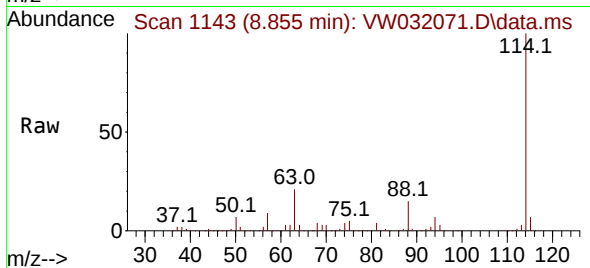
Tgt Ion:114 Resp: 369689

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 15.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.271 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.006 min

Lab File: VW032071.D

Acq: 11 Aug 2025 16:56

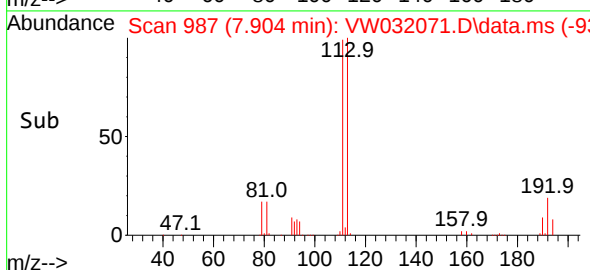
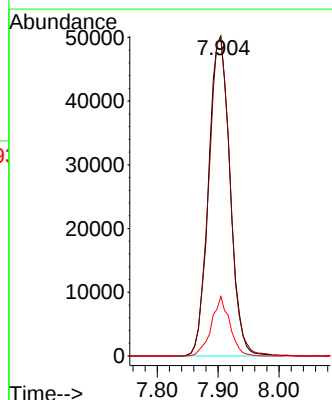
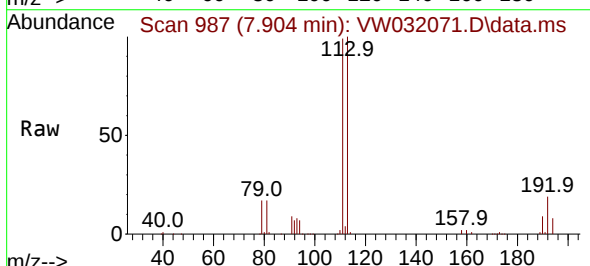
Tgt Ion:113 Resp: 122452

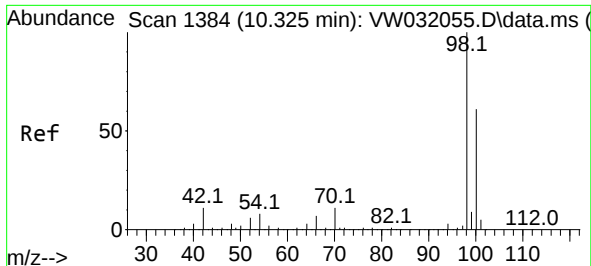
Ion Ratio Lower Upper

113 100

111 99.7 80.1 120.1

192 16.0 13.1 19.7

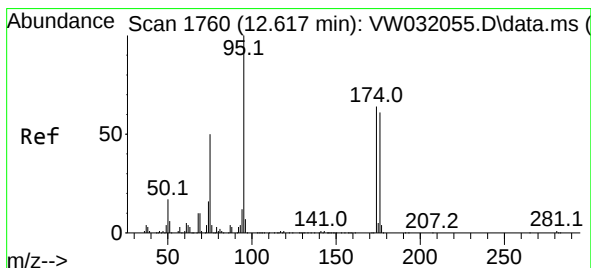
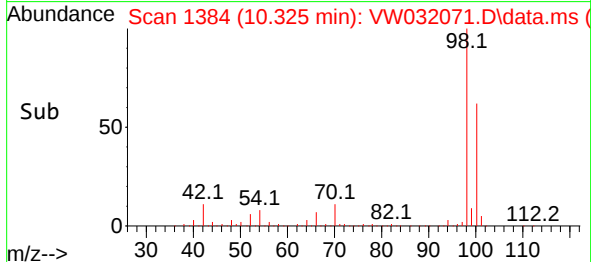
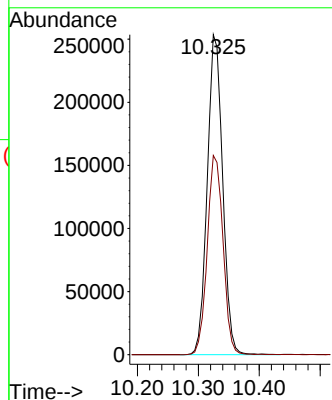
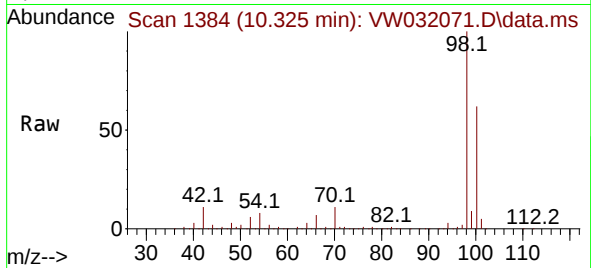




#50
Toluene-d8
Concen: 50.499 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032071.D
Acq: 11 Aug 2025 16:56

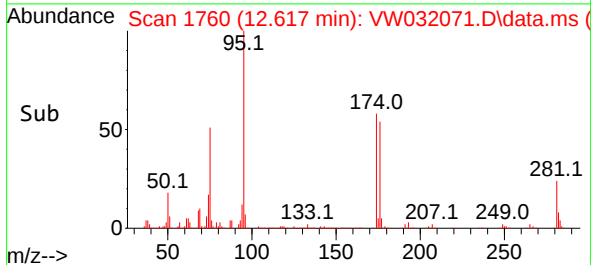
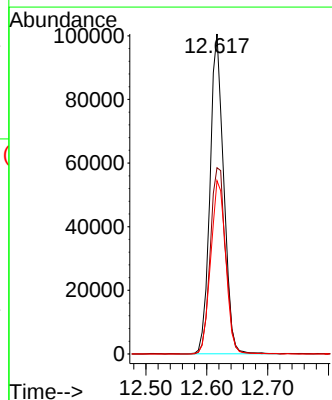
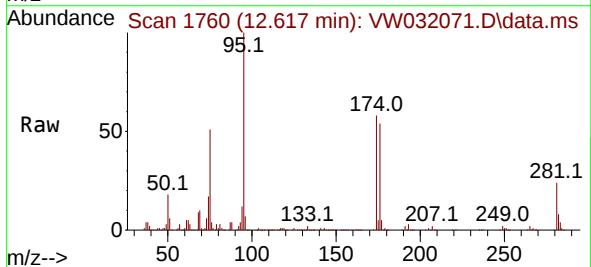
Instrument :
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ClientSampleId :
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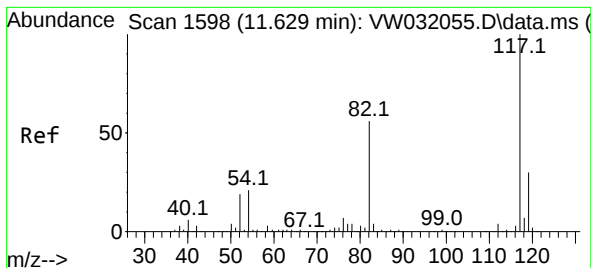
Tgt Ion: 98 Resp: 446094
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.351 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032071.D
Acq: 11 Aug 2025 16:56

Tgt Ion: 95 Resp: 157399
Ion Ratio Lower Upper
95 100
174 65.4 0.0 129.0
176 59.3 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: VW032071.D

Acq: 11 Aug 2025 16:56

Instrument :

MSVOA_W

ClientSampleId :

22BP-N

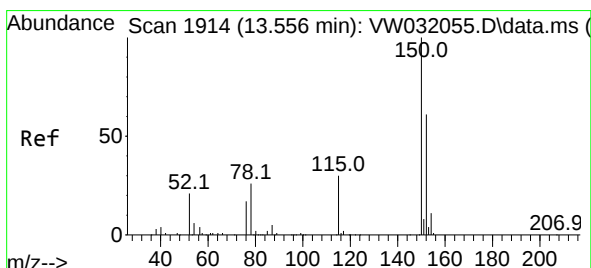
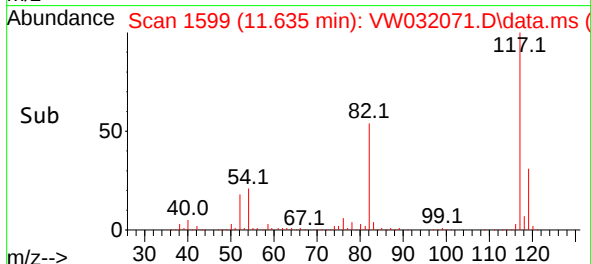
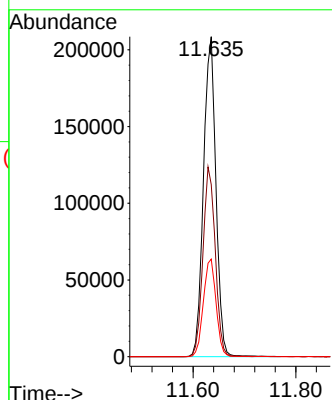
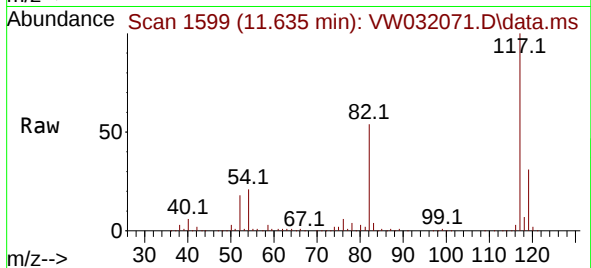
Tgt Ion:117 Resp: 349416

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

119 30.5 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: VW032071.D

Acq: 11 Aug 2025 16:56

Tgt Ion:152 Resp: 149992

Ion Ratio Lower Upper

152 100

115 68.9 32.6 97.8

150 162.5 0.0 359.4

