

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032069.D
 Acq On : 11 Aug 2025 16:12
 Operator : SY/MD
 Sample : Q2818-01
 Misc : 5.38g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2-5-1

Quant Time: Aug 12 04:27:19 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)

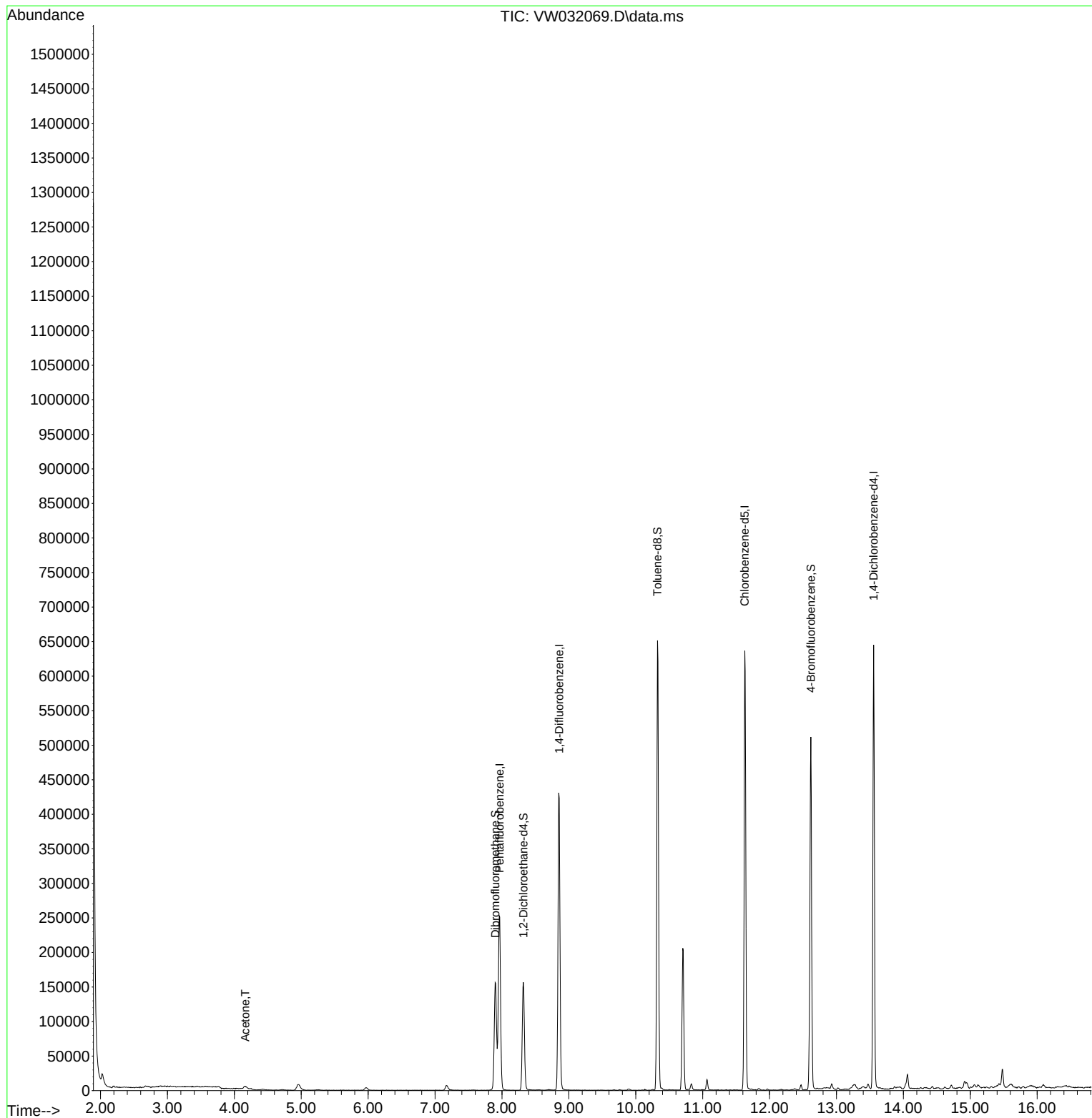
Internal Standards						
1) Pentafluorobenzene	7.965	168	174717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	370548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	348814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	130197	51.524	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	103.040%	
35) Dibromofluoromethane	7.898	113	118747	49.604	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	99.200%	
50) Toluene-d8	10.325	98	439783	49.669	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	99.340%	
62) 4-Bromofluorobenzene	12.617	95	166429	51.006	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	102.020%	
Target Compounds						
16) Acetone	4.161	43	7642	13.062	ug/l	Qvalue 90

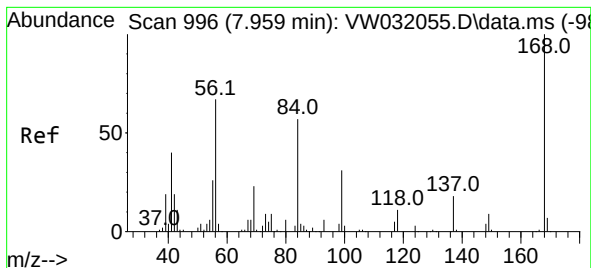
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.006 min

Lab File: VW032069.D

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MSVOA_W

ClientSampleId :

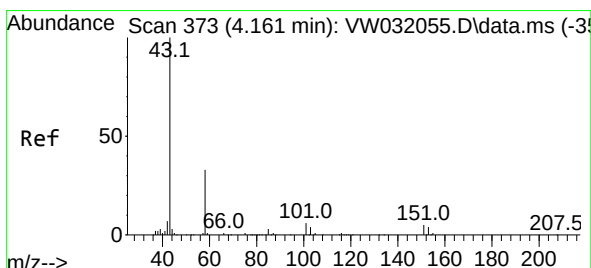
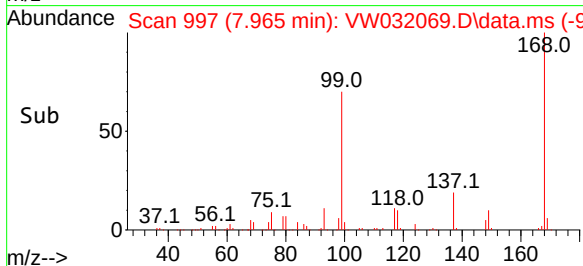
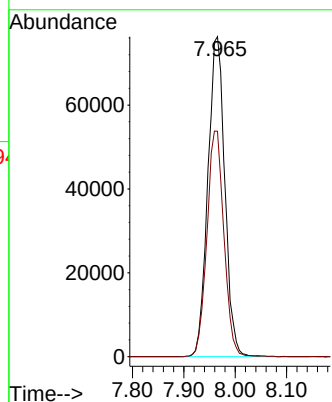
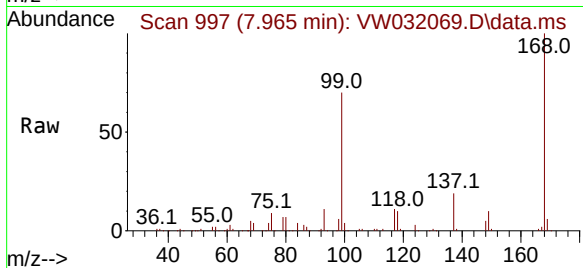
B-2-5-1

Tgt Ion:168 Resp: 174717

Ion Ratio Lower Upper

168 100

99 70.4 56.0 84.0



#16

Acetone

Concen: 13.062 ug/l

RT: 4.161 min Scan# 373

Delta R.T. 0.000 min

Lab File: VW032069.D

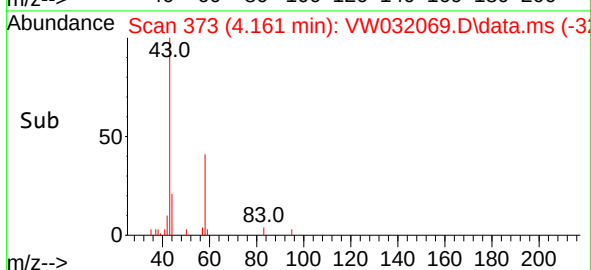
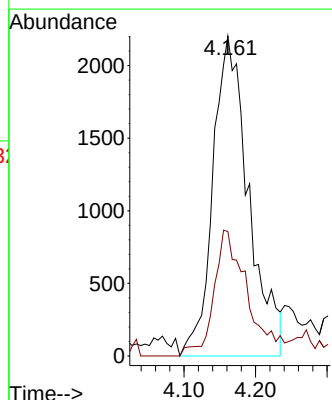
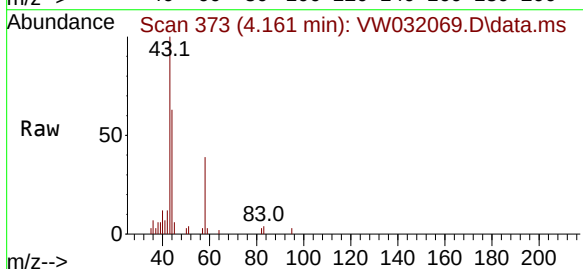
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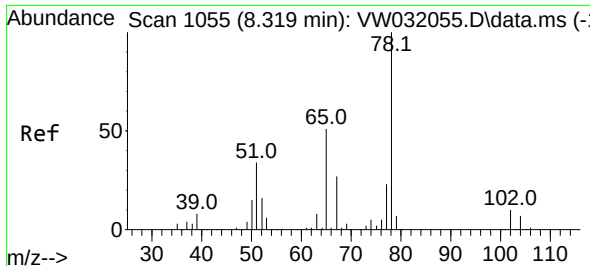
Tgt Ion: 43 Resp: 7642

Ion Ratio Lower Upper

43 100

58 38.9 26.6 39.8

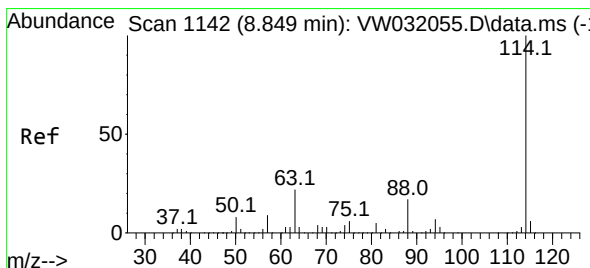
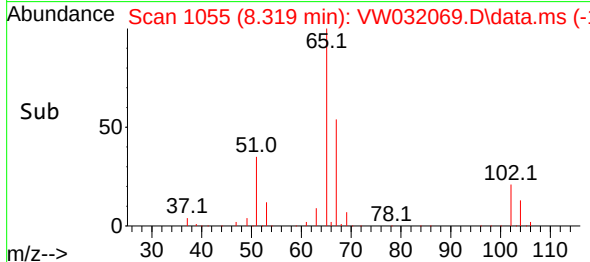
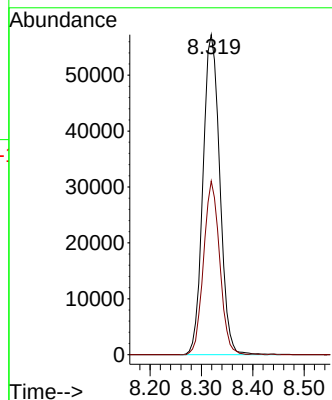
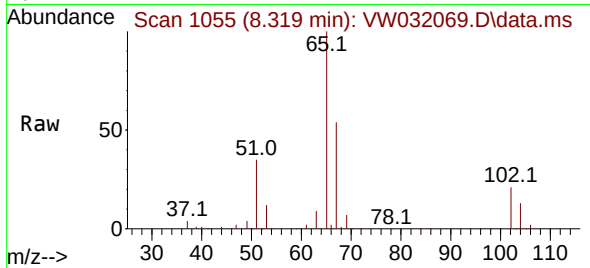




#33
 1,2-Dichloroethane-d4
 Concen: 51.524 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032069.D
 Acq: 11 Aug 2025 16:12

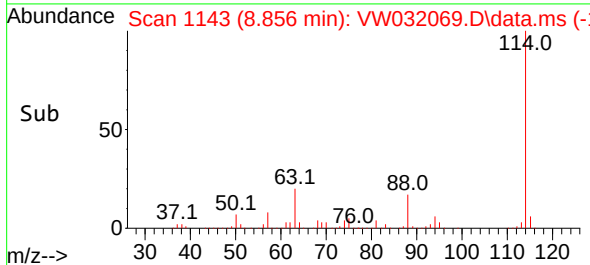
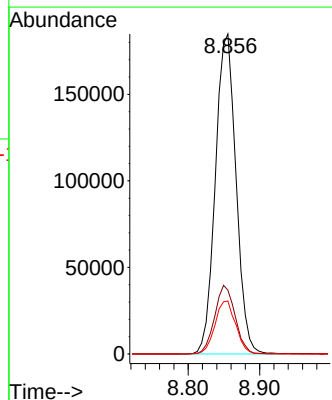
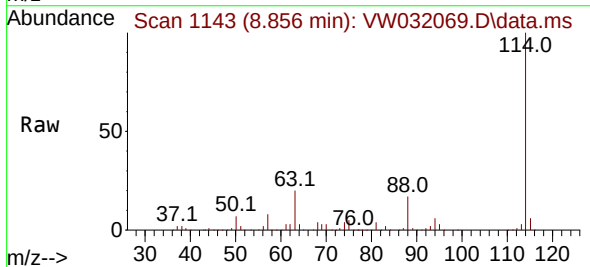
Instrument :
 MSVOA_W
 ClientSampleId :
 B-2-5-1

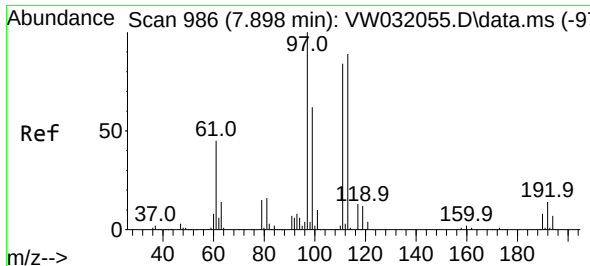
Tgt Ion: 65 Resp: 130197
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032069.D
 Acq: 11 Aug 2025 16:12

Tgt Ion: 114 Resp: 370548
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.0
 88 16.5 0.0 33.8

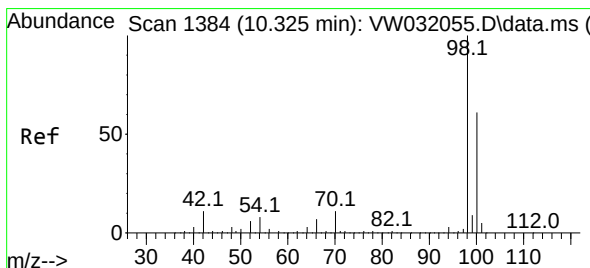
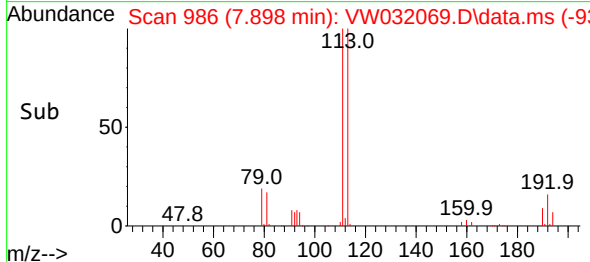
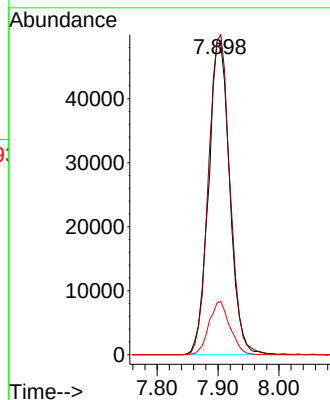
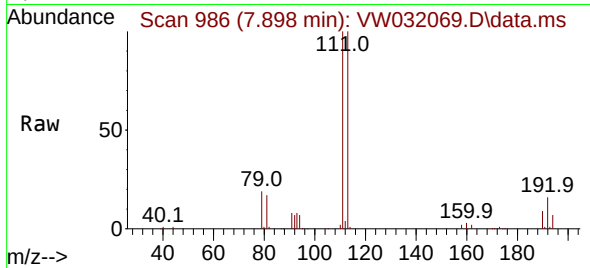




#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032069.D
Acq: 11 Aug 2025 16:12

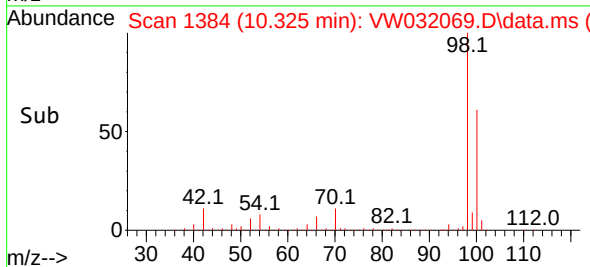
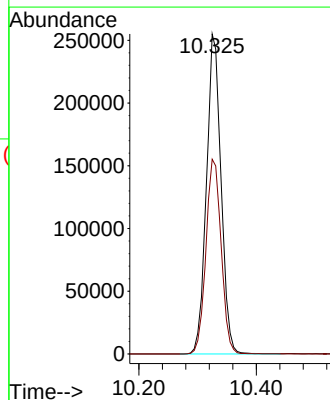
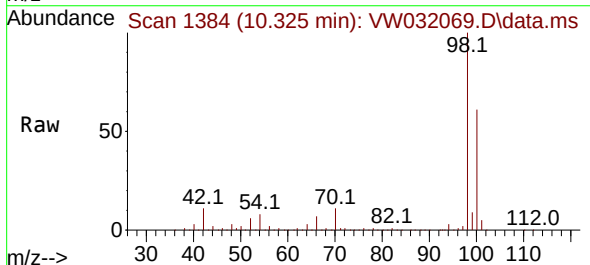
Instrument :
MSVOA_W
ClientSampleId :
B-2-5-1

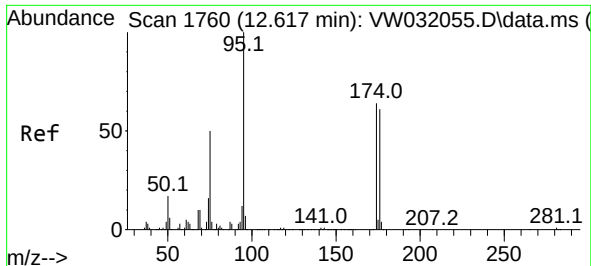
Tgt Ion:113 Resp: 118747
Ion Ratio Lower Upper
113 100
111 102.5 80.1 120.1
192 16.7 13.1 19.7



#50
Toluene-d8
Concen: 49.669 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032069.D
Acq: 11 Aug 2025 16:12

Tgt Ion: 98 Resp: 439783
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7

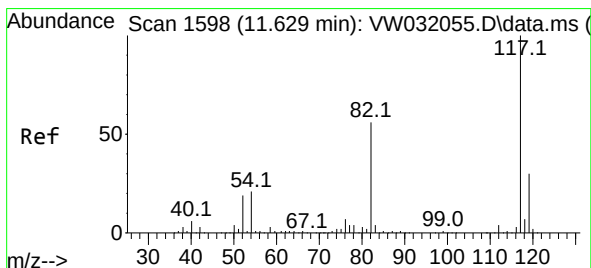
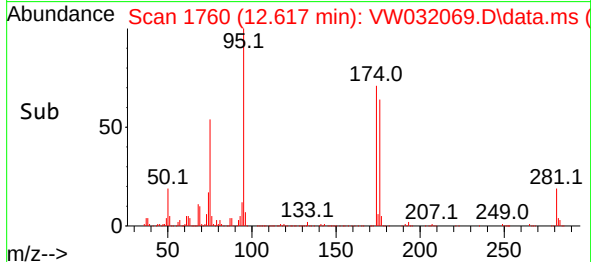
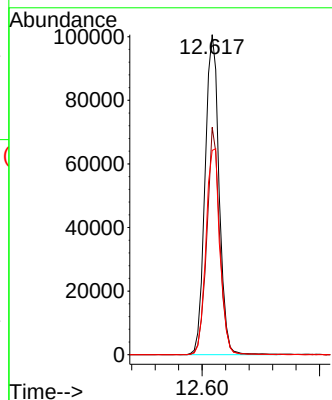
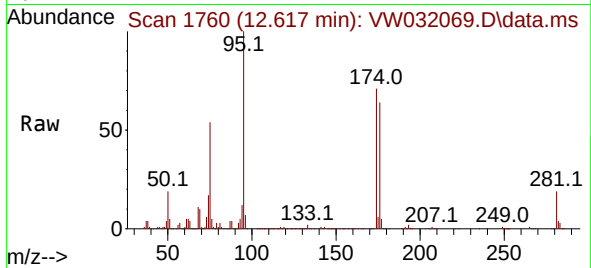




#62
4-Bromofluorobenzene
Concen: 51.006 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032069.D
Acq: 11 Aug 2025 16:12

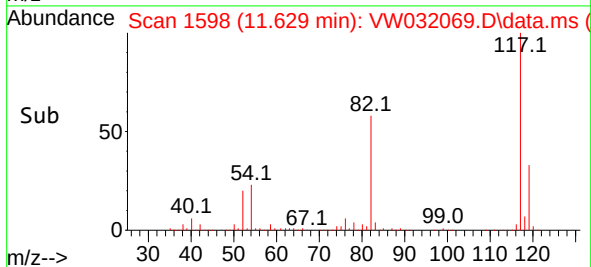
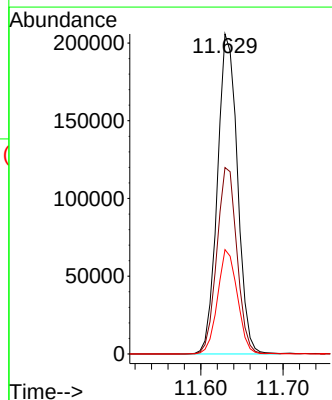
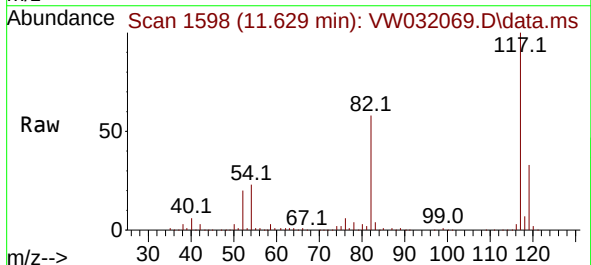
Instrument :
MSVOA_W
ClientSampleId :
B-2-5-1

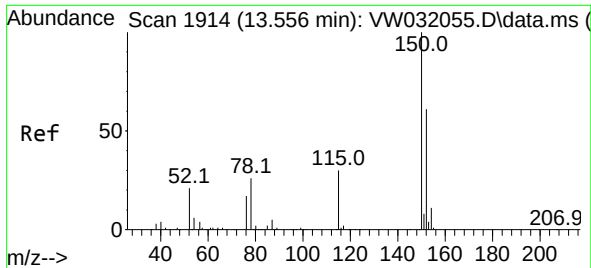
Tgt Ion: 95 Resp: 166429
Ion Ratio Lower Upper
95 100
174 64.9 0.0 129.0
176 64.7 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032069.D
Acq: 11 Aug 2025 16:12

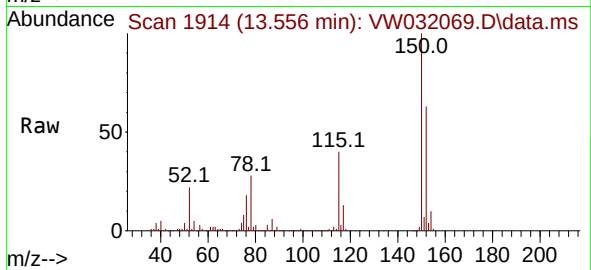
Tgt Ion: 117 Resp: 348814
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.6 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032069.D
 Acq: 11 Aug 2025 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2-5-1



Tgt Ion:	152	Resp:	162398
Ion Ratio	Lower	Upper	
152	100		
115	63.9	32.6	97.8
150	152.7	0.0	359.4

