

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
 Data File : VW032299.D
 Acq On : 30 Sep 2025 13:25
 Operator : SY/MD
 Sample : VW0930SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL01

Quant Time: Oct 01 00:52:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	181583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	391867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	387829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163409	56.993	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	113.980%	
35) Dibromofluoromethane	7.898	113	141566	50.233	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	100.460%	
50) Toluene-d8	10.325	98	519053	51.104	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	102.200%	
62) 4-Bromofluorobenzene	12.617	95	176634	46.105	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	92.200%	

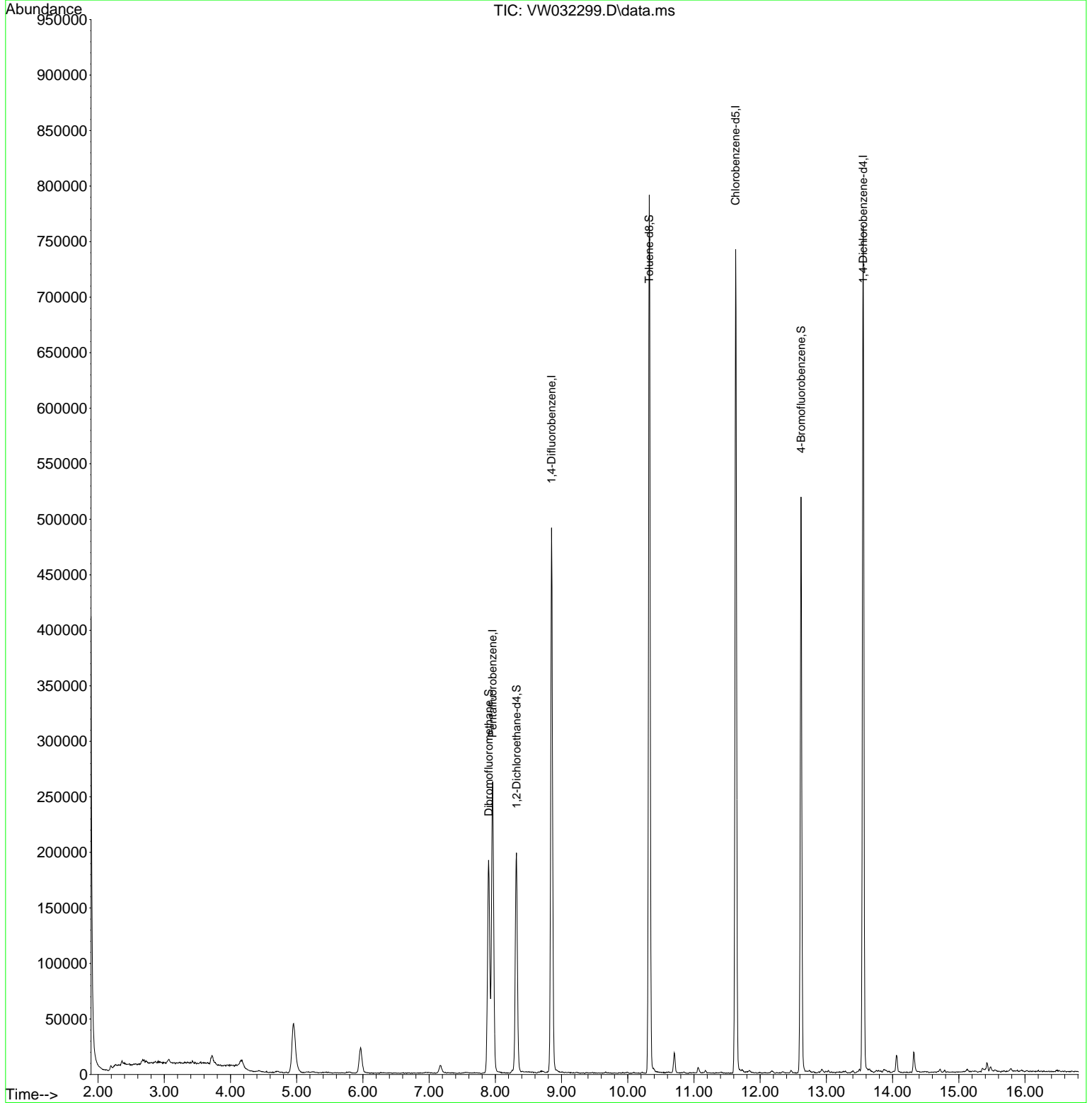
Target Compounds Qvalue

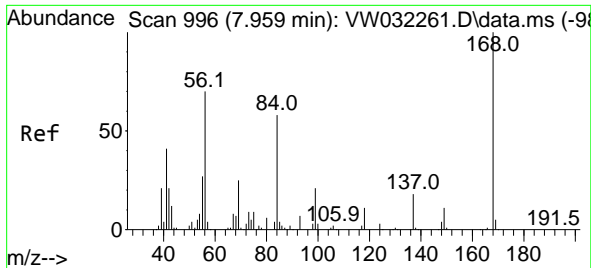
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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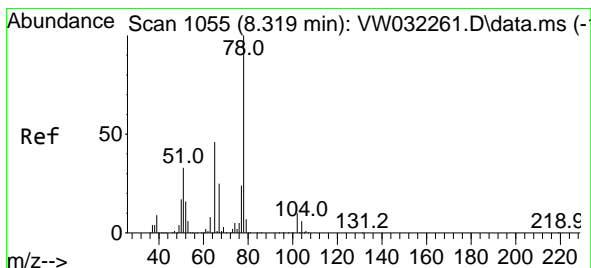
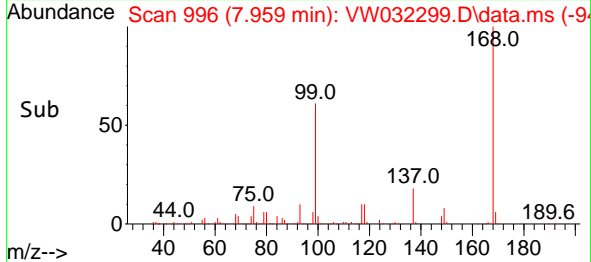
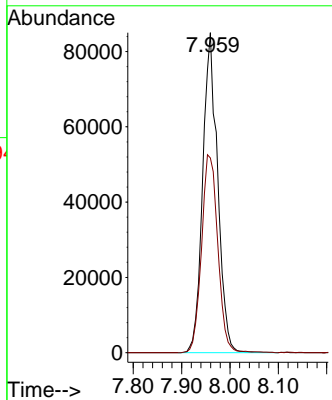
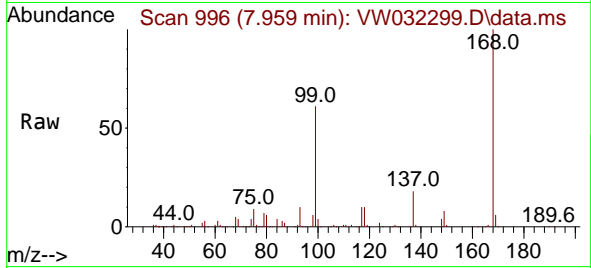




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25

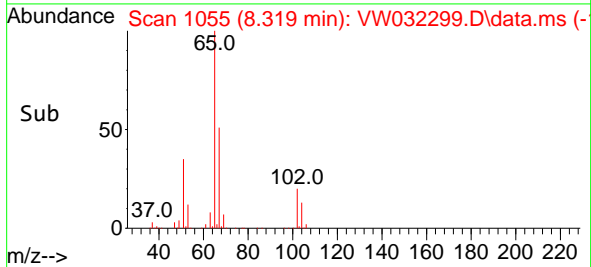
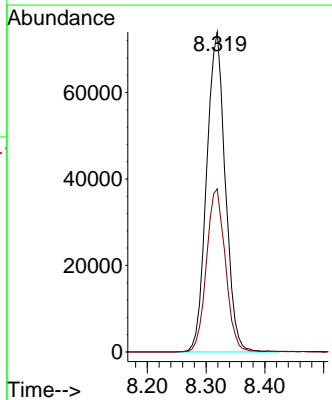
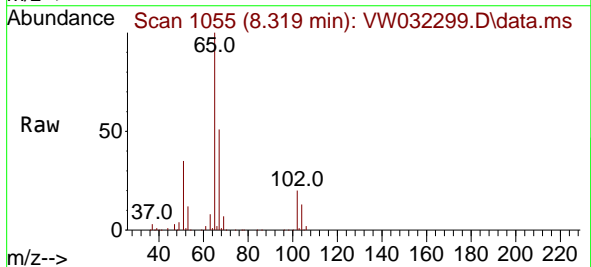
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL01

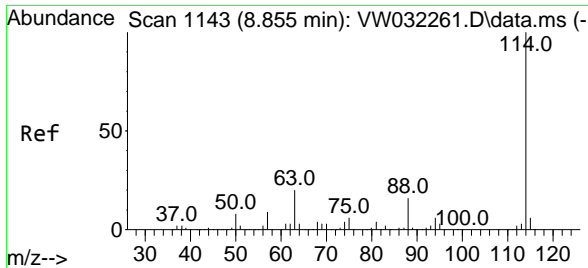
Tgt Ion:168 Resp: 181583
 Ion Ratio Lower Upper
 168 100
 99 60.9 55.0 82.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.993 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25

Tgt Ion: 65 Resp: 163409
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.8

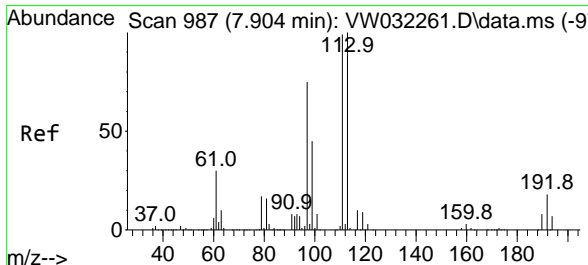
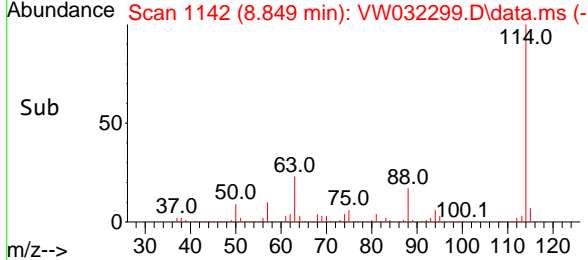
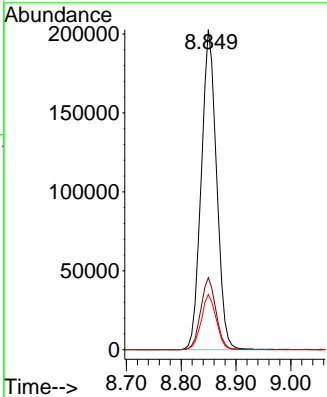
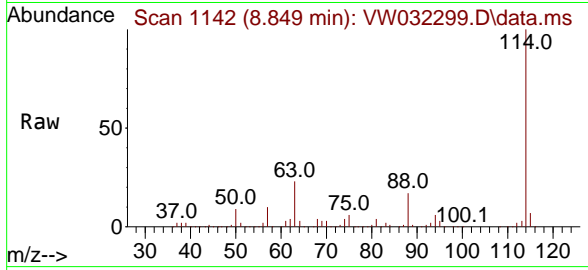




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25

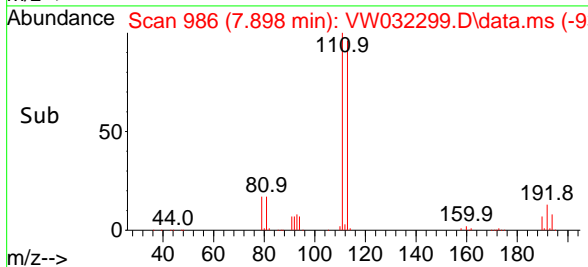
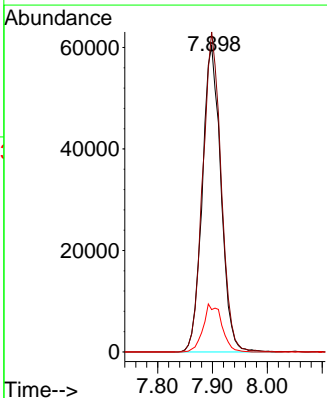
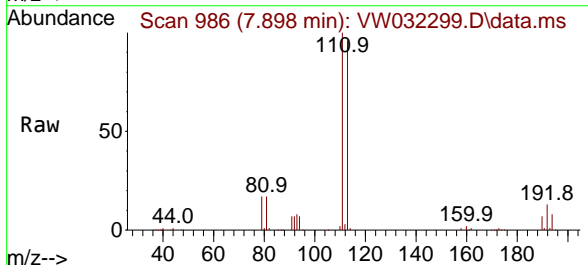
Instrument : MSVOA_W
 ClientSampleId : VW0930SBL01

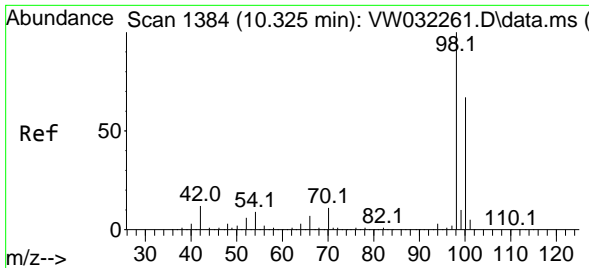
Tgt Ion	Resp	Ion Ratio	Lower	Upper
114	391867	100		
63	22.5	0.0	0.0	40.2
88	17.3	0.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.233 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25

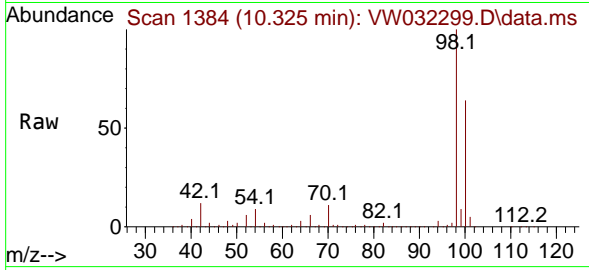
Tgt Ion	Resp	Ion Ratio	Lower	Upper
113	141566	100		
111	103.7	81.8	81.8	122.8
192	15.8	13.0	13.0	19.4



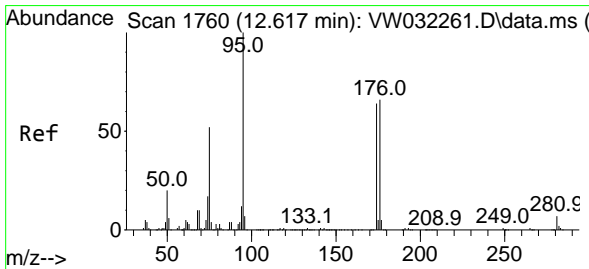
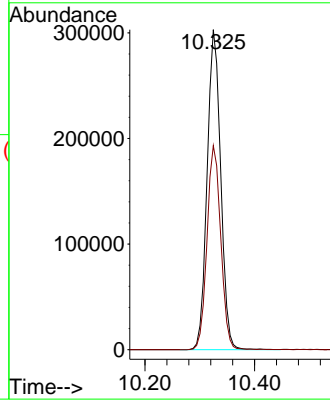
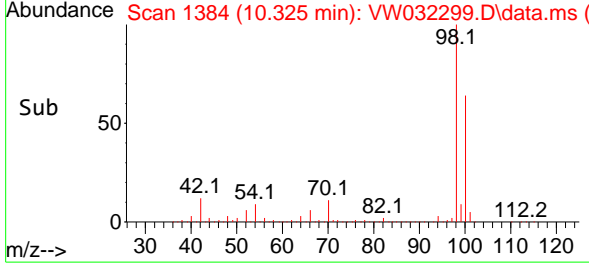


#50
 Toluene-d8
 Concen: 51.104 ug/l
 RT: 10.325 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25

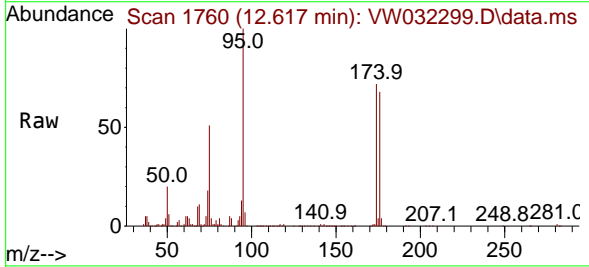
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL01



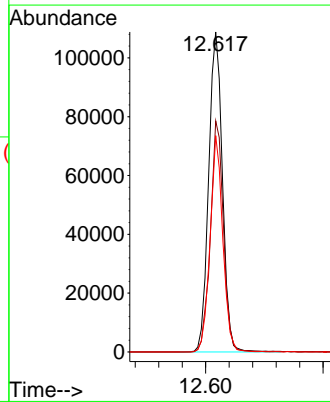
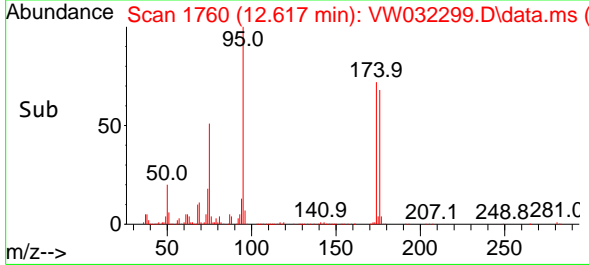
Tgt Ion: 98 Resp: 519053
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.0 79.4

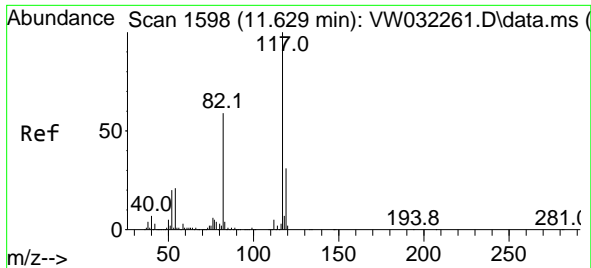


#62
 4-Bromofluorobenzene
 Concen: 46.105 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. 0.000 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25



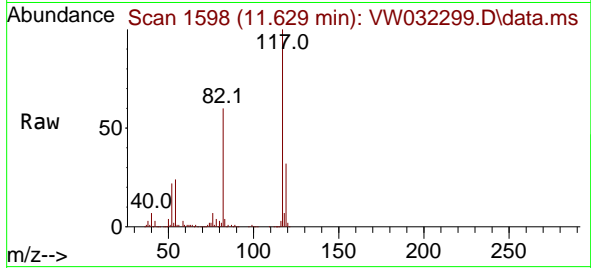
Tgt Ion: 95 Resp: 176634
 Ion Ratio Lower Upper
 95 100
 174 68.8 0.0 130.6
 176 62.6 0.0 127.0





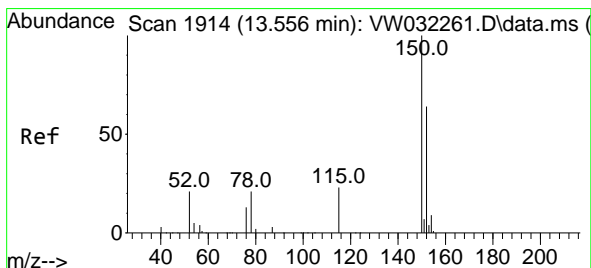
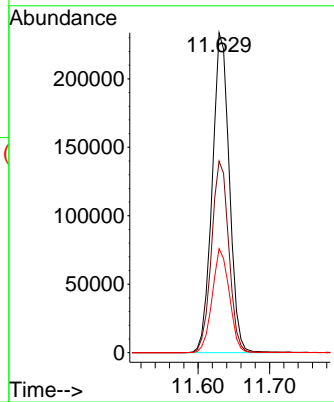
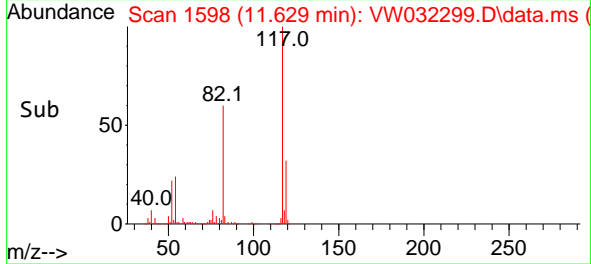
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.629 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25

Instrument : MSVOA_W
 ClientSampleId : VW0930SBL01

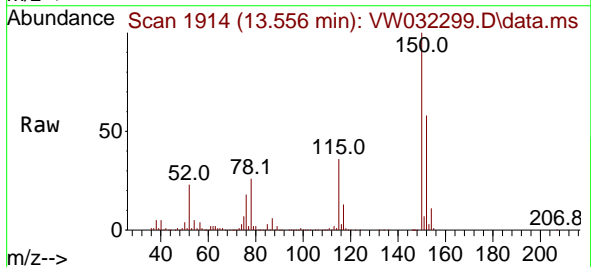


Tgt Ion:117 Resp: 387829

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.9	70.3
119	32.5	24.9	37.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032299.D
 Acq: 30 Sep 2025 13:25



Tgt Ion:152 Resp: 182932

Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.5	97.5
150	166.5	0.0	370.2

