

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032521.D
 Acq On : 21 Nov 2025 12:55
 Operator : SY/MD
 Sample : VW1121SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBL01

Quant Time: Nov 26 01:19:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	328508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	615146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	251690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	240876	56.874	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	113.740%
35) Dibromofluoromethane	7.898	113	201960	54.835	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	109.680%
50) Toluene-d8	10.325	98	745408	52.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.617	95	261875	49.063	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.120%

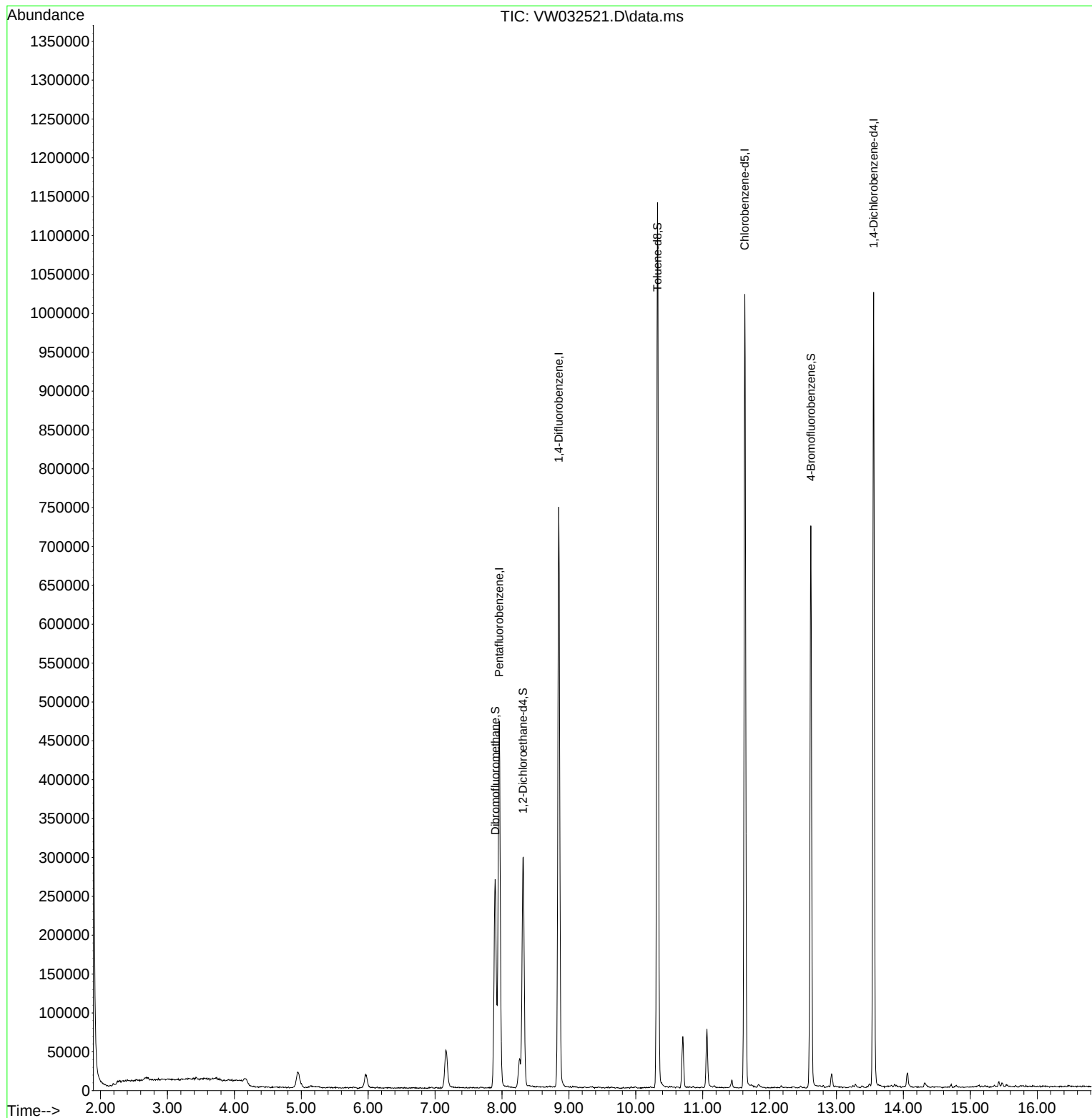
Target Compounds	Qvalue

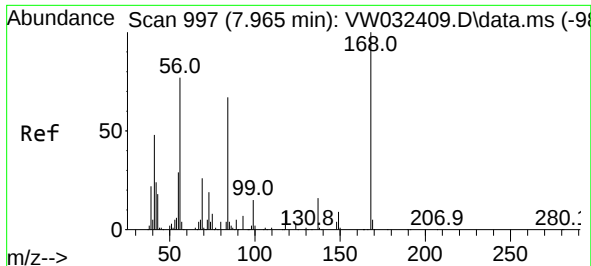
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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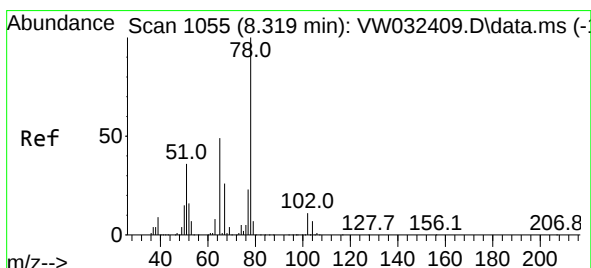
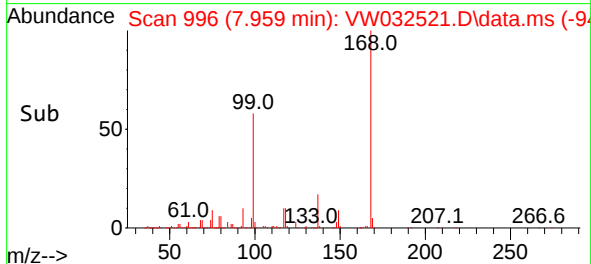
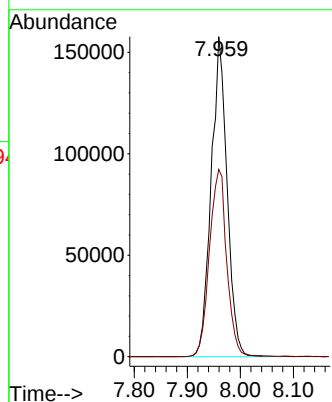
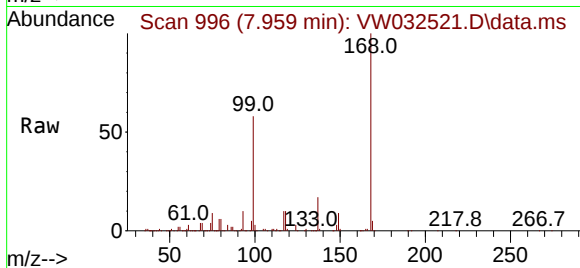




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

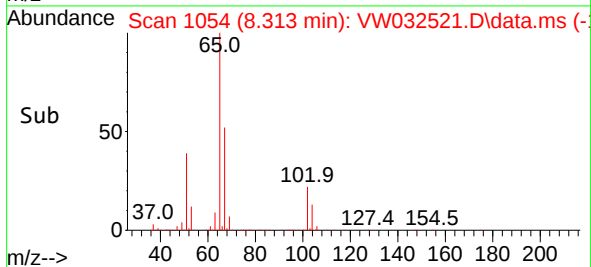
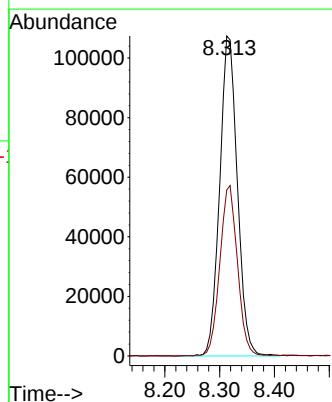
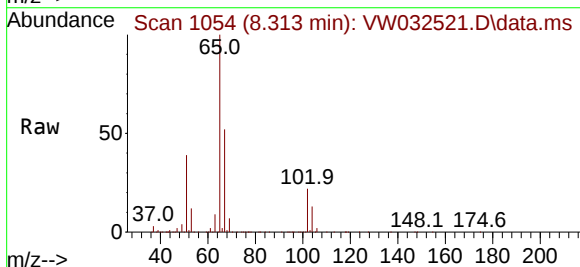
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

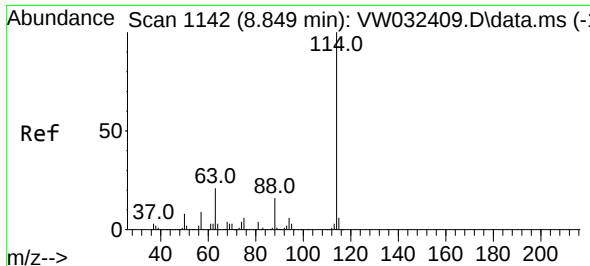
Tgt Ion:168 Resp: 328508
Ion Ratio Lower Upper
168 100
99 58.4 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 56.874 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion: 65 Resp: 240876
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

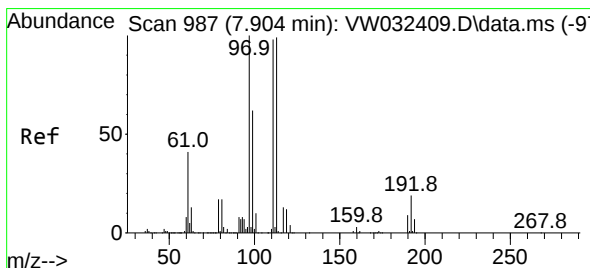
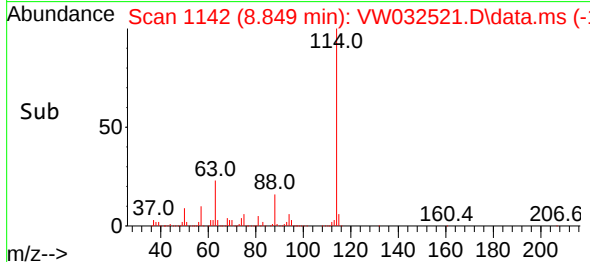
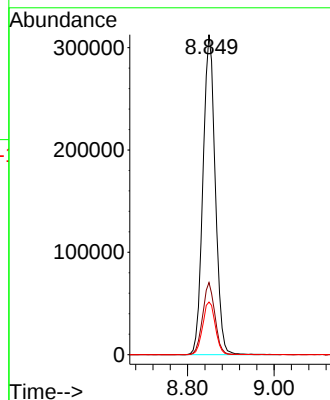
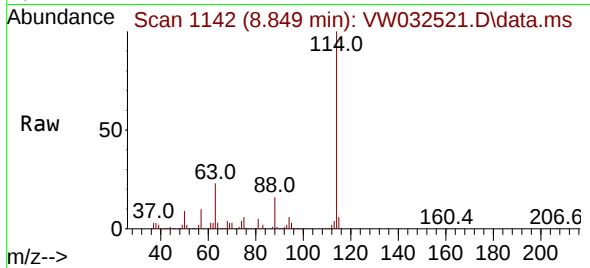




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032521.D
 Acq: 21 Nov 2025 12:55

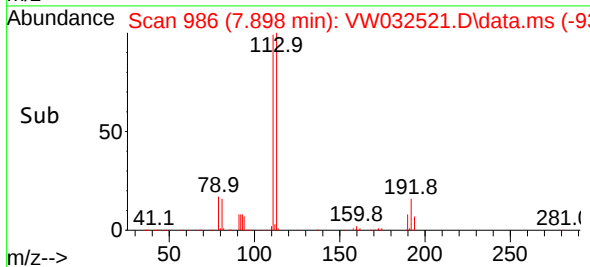
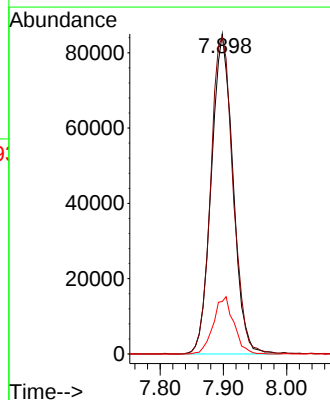
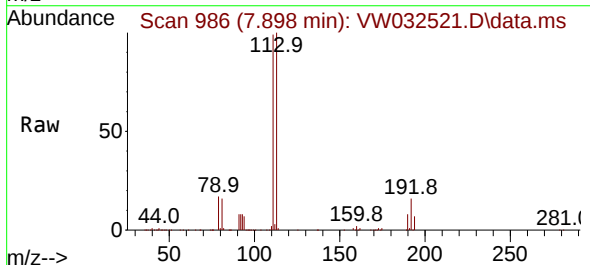
Instrument :
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 ClientSampleId :
 VW1121SBL01

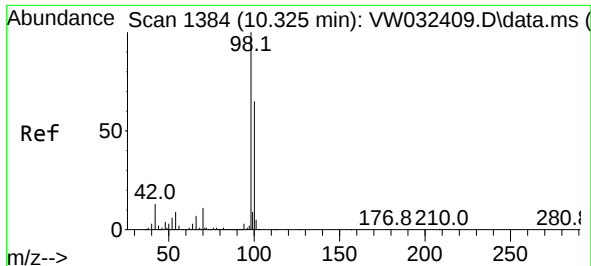
Tgt Ion:	114	Resp:	615146
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	41.8
88	16.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 54.835 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032521.D
 Acq: 21 Nov 2025 12:55

Tgt Ion:	113	Resp:	201960
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	16.8	13.4	20.2

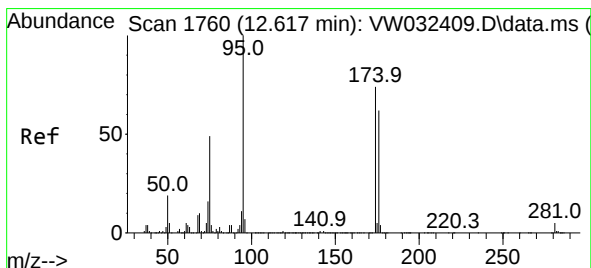
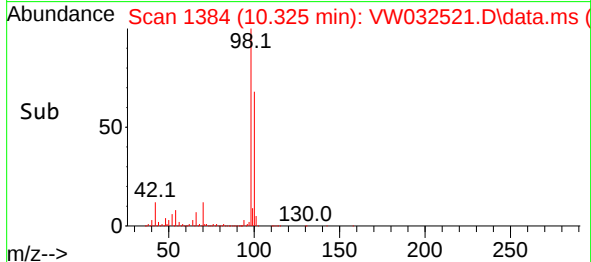
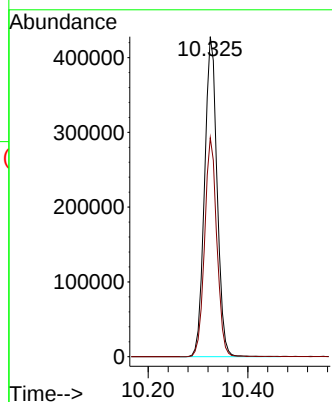
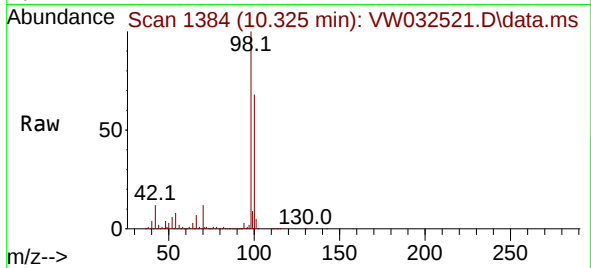




#50
Toluene-d8
Concen: 52.756 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

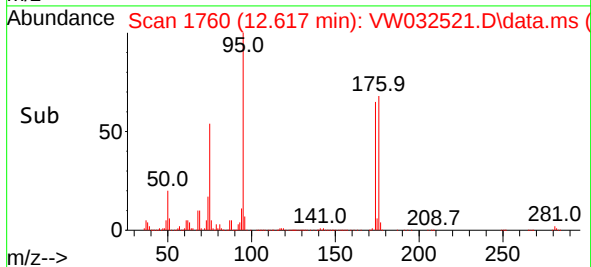
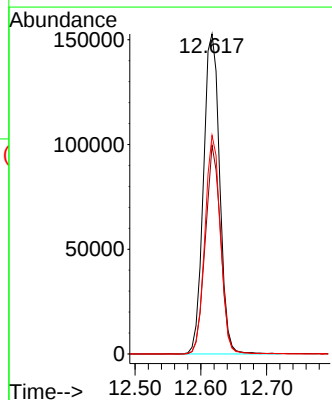
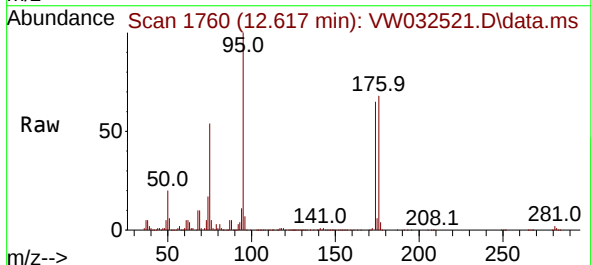
Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

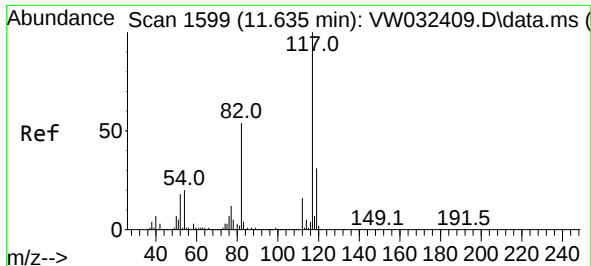
Tgt Ion: 98 Resp: 745408
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 49.063 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion: 95 Resp: 261875
Ion Ratio Lower Upper
95 100
174 61.8 0.0 135.4
176 65.2 0.0 131.8

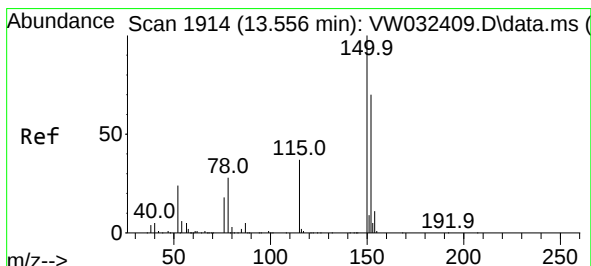
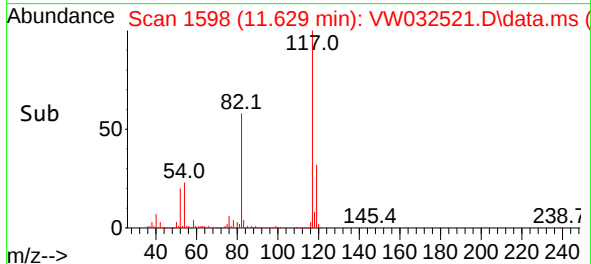
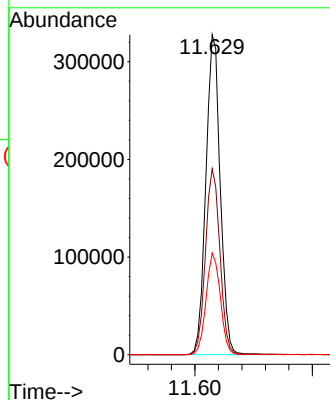
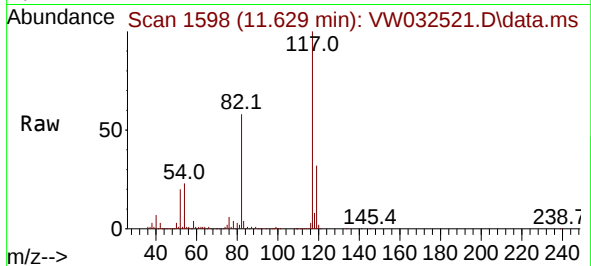




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBL01

Tgt Ion:117 Resp: 556656
Ion Ratio Lower Upper
117 100
82 58.1 43.0 64.4
119 31.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032521.D
Acq: 21 Nov 2025 12:55

Tgt Ion:152 Resp: 251690
Ion Ratio Lower Upper
152 100
115 65.2 32.8 98.3
150 160.1 0.0 356.6

