

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032347.D
 Acq On : 03 Oct 2025 12:37
 Operator : SY/MD
 Sample : Q3272-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-235

Quant Time: Oct 04 05:01:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

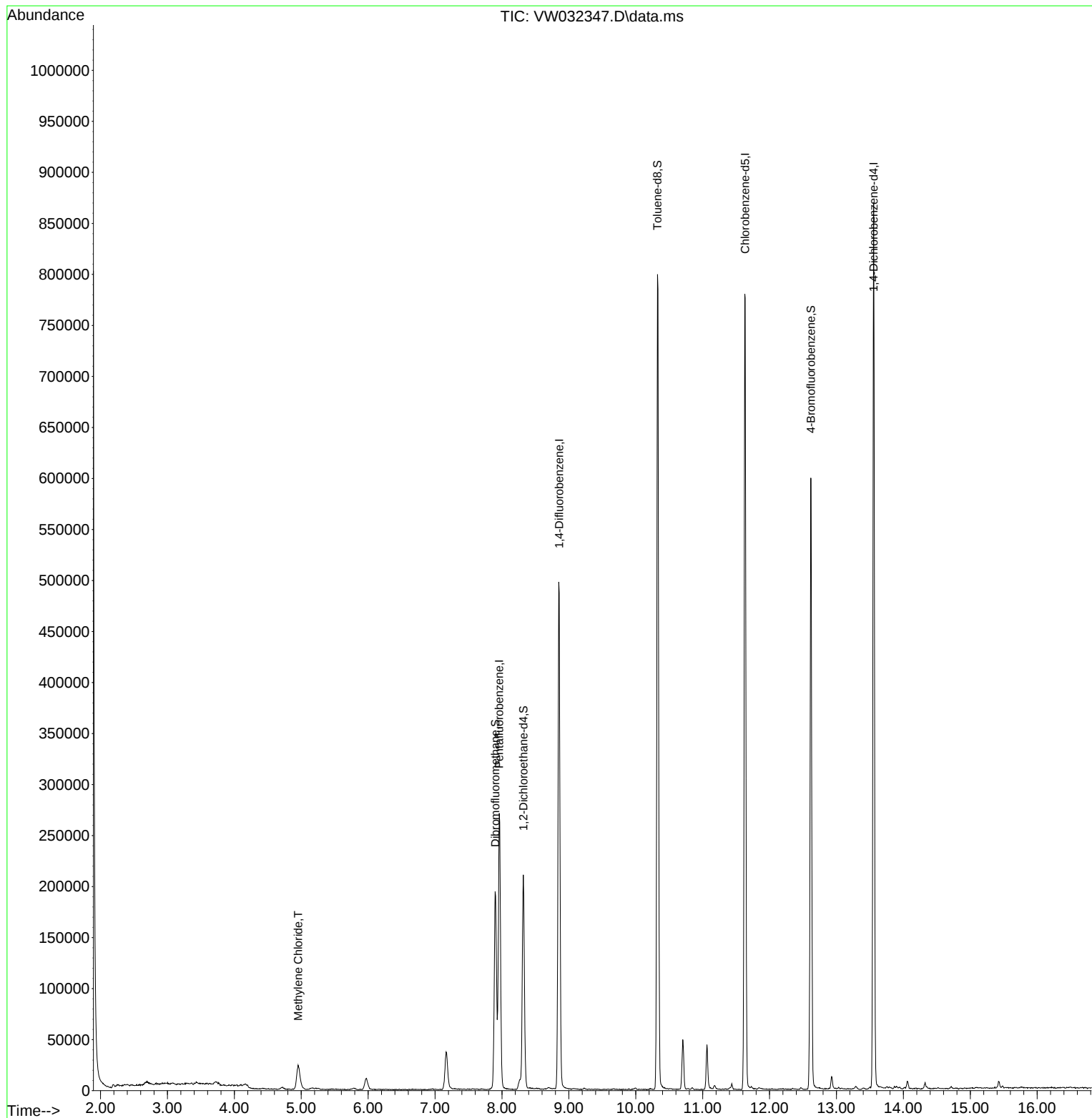
Internal Standards						
1) Pentafluorobenzene	7.959	168	183299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	414251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	425382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	216557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170819	63.893	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 127.780%		
35) Dibromofluoromethane	7.898	113	142885	53.261	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 106.520%		
50) Toluene-d8	10.325	98	533604	53.892	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 107.780%		
62) 4-Bromofluorobenzene	12.617	95	199343	53.266	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 106.540%		
Target Compounds						Qvalue
20) Methylene Chloride	4.954	84	19890	3.102	ug/l	90

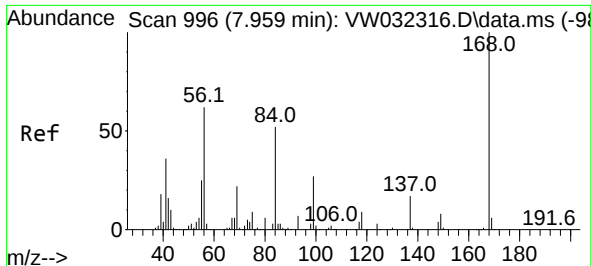
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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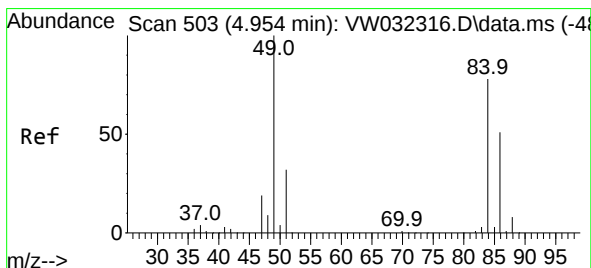
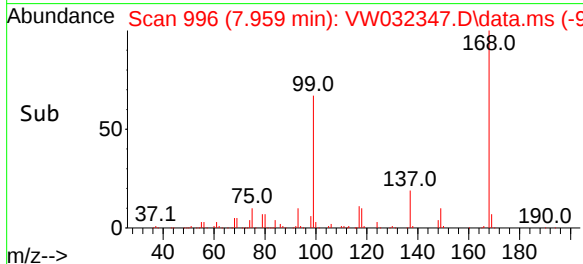
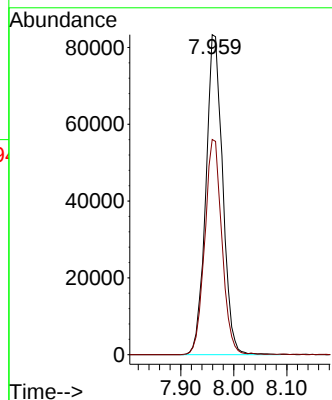
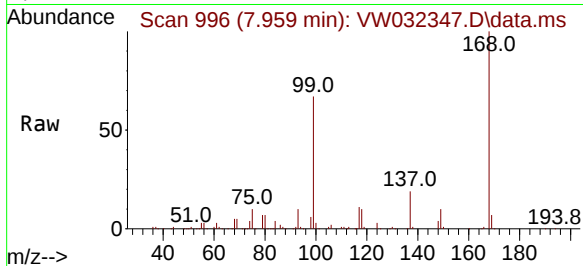




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032347.D
Acq: 03 Oct 2025 12:37

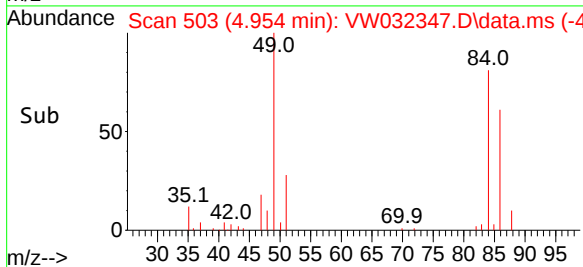
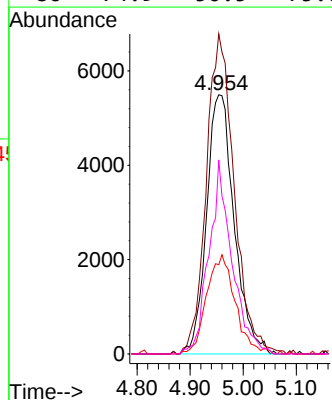
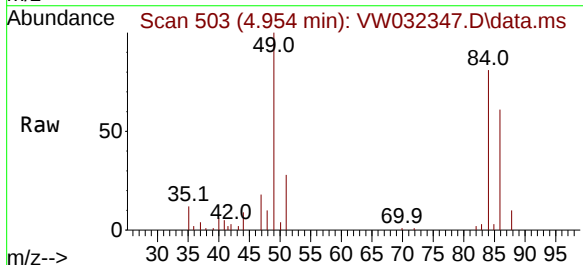
Instrument :
MSVOA_W
ClientSampleId :
VNJ-235

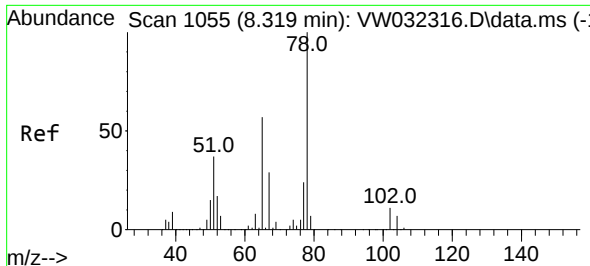
Tgt Ion:168 Resp: 183299
Ion Ratio Lower Upper
168 100
99 67.3 49.3 73.9



#20
Methylene Chloride
Concen: 3.102 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032347.D
Acq: 03 Oct 2025 12:37

Tgt Ion: 84 Resp: 19890
Ion Ratio Lower Upper
84 100
49 123.5 92.2 138.4
51 34.5 31.0 46.6
86 74.9 50.5 75.7

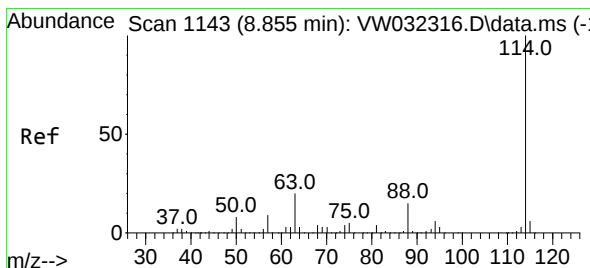
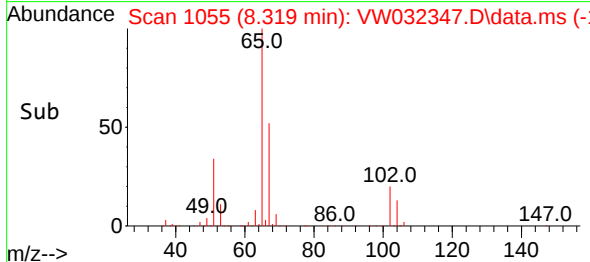
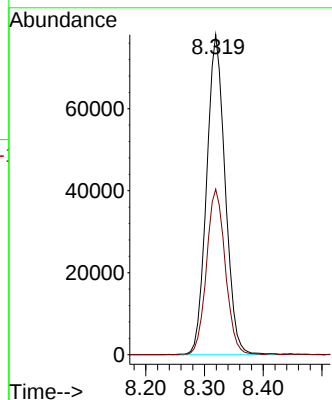
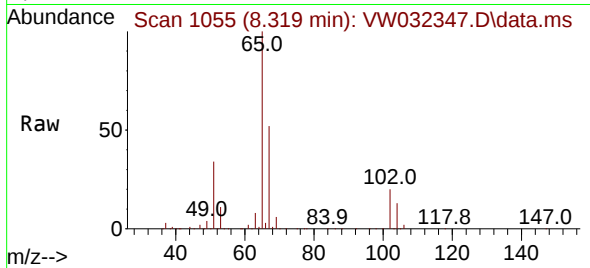




#33
 1,2-Dichloroethane-d4
 Concen: 63.893 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032347.D
 Acq: 03 Oct 2025 12:37

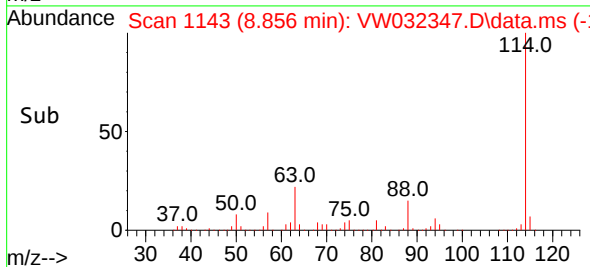
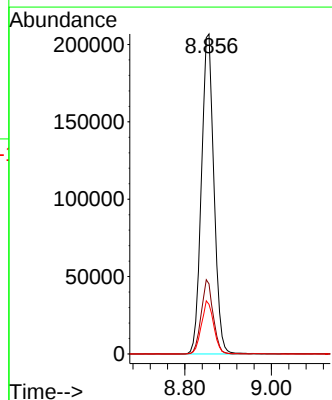
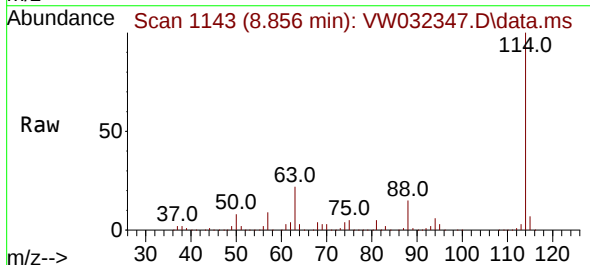
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 MSVOA_W
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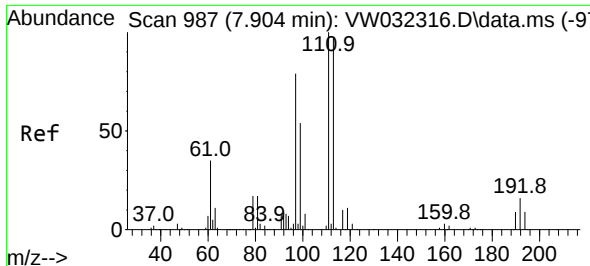
Tgt Ion: 65 Resp: 170819
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032347.D
 Acq: 03 Oct 2025 12:37

Tgt Ion: 114 Resp: 414251
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.4
 88 15.5 0.0 32.0

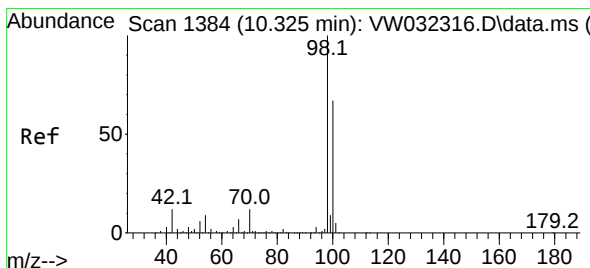
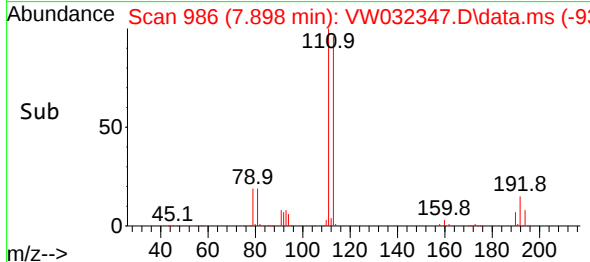
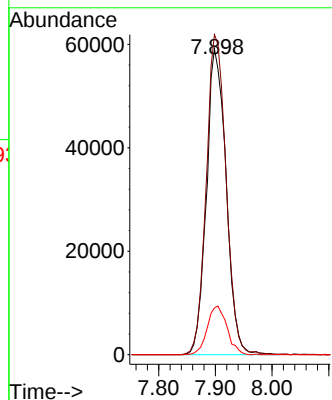
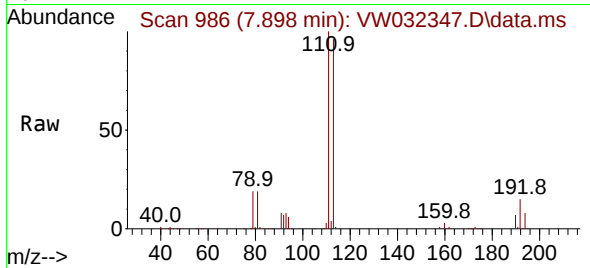




#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032347.D
Acq: 03 Oct 2025 12:37

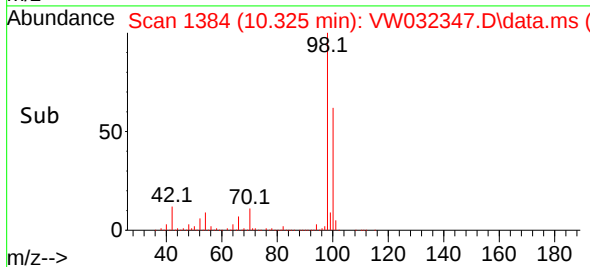
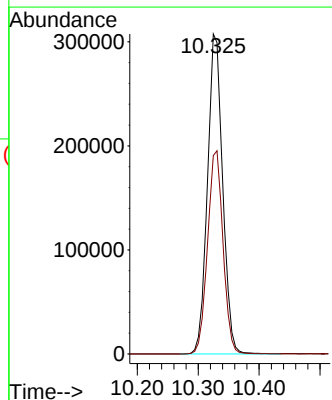
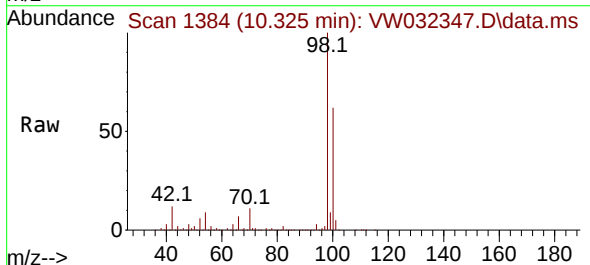
Instrument :
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VNJ-235

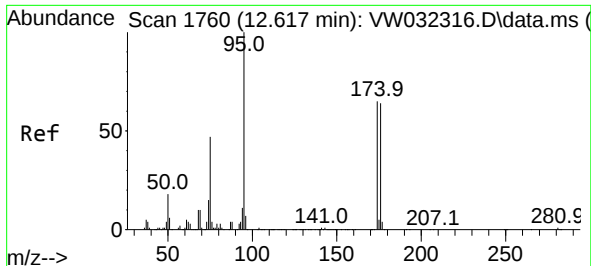
Tgt Ion:113 Resp: 142885
Ion Ratio Lower Upper
113 100
111 105.2 83.9 125.9
192 15.9 14.6 21.8



#50
Toluene-d8
Concen: 53.892 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032347.D
Acq: 03 Oct 2025 12:37

Tgt Ion: 98 Resp: 533604
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2

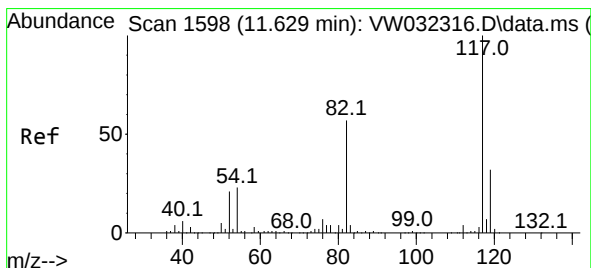
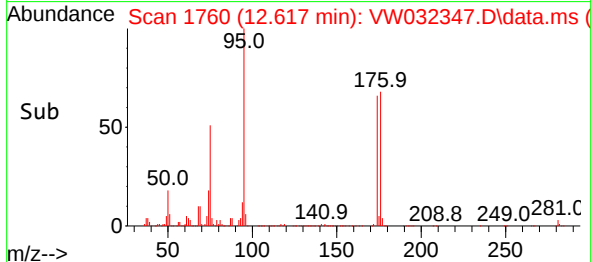
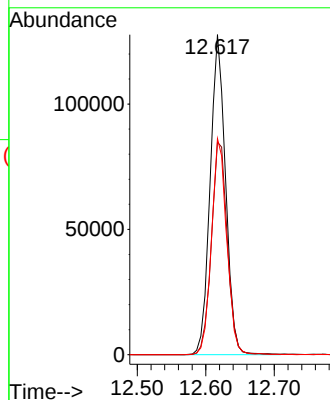
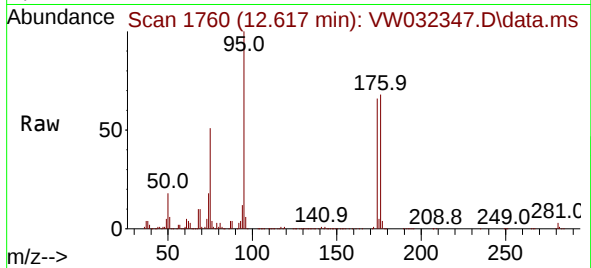




#62
4-Bromofluorobenzene
Concen: 53.266 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032347.D
Acq: 03 Oct 2025 12:37

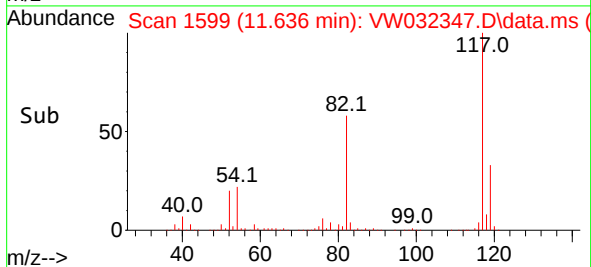
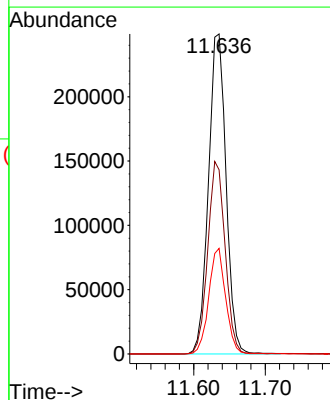
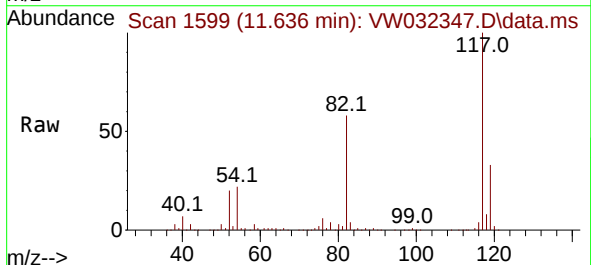
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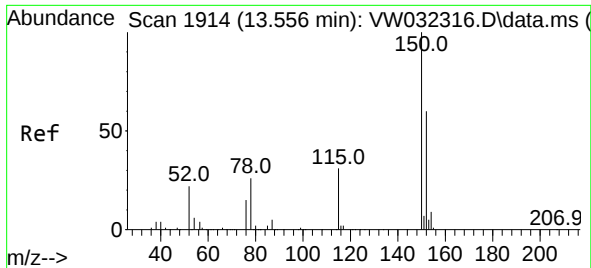
Tgt Ion: 95 Resp: 199343
Ion Ratio Lower Upper
95 100
174 68.9 0.0 145.6
176 67.3 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032347.D
Acq: 03 Oct 2025 12:37

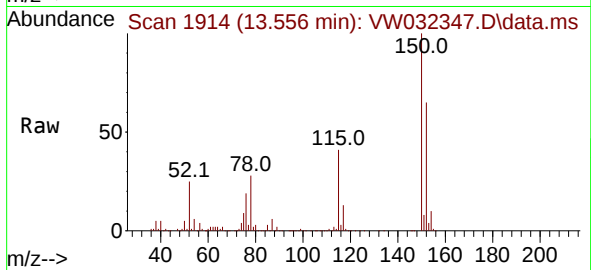
Tgt Ion: 117 Resp: 425382
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 33.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032347.D
 Acq: 03 Oct 2025 12:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-235



Tgt Ion:152 Resp: 216557

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.8	95.4
150	151.4	0.0	343.0

