

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032340.D
 Acq On : 03 Oct 2025 09:40
 Operator : SY/MD
 Sample : VW1003SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBL01

Quant Time: Oct 04 04:57:50 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	7.965	168	187187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	423770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	435697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	203854	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170547	62.466	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	124.940%
35) Dibromofluoromethane	7.898	113	146507	53.384	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	106.760%
50) Toluene-d8	10.325	98	542522	53.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.617	95	194781	50.878	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.760%

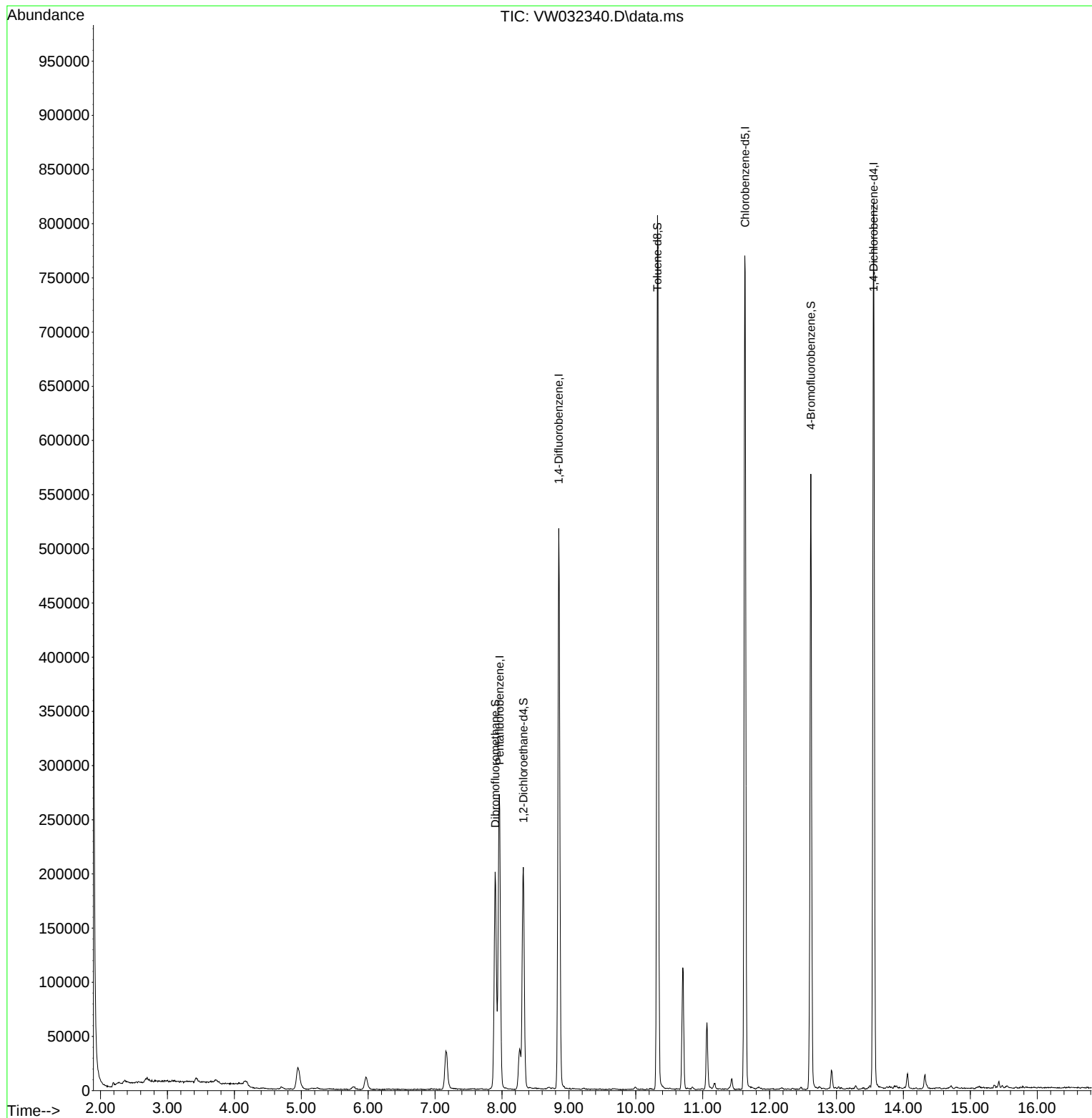
Target Compounds	Qvalue

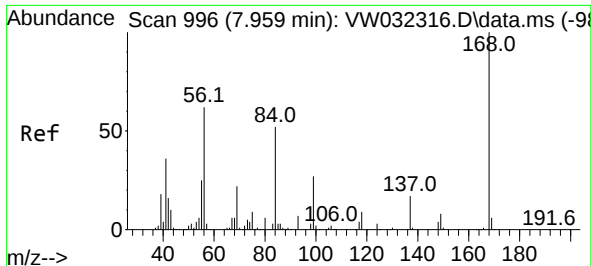
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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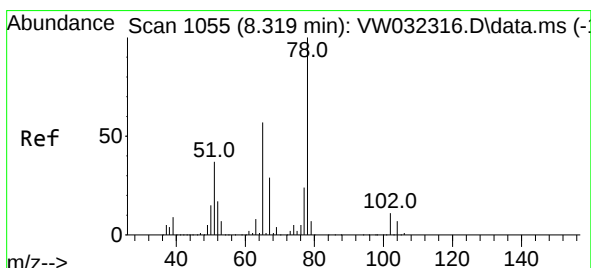
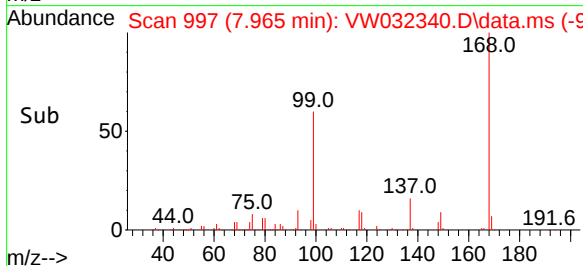
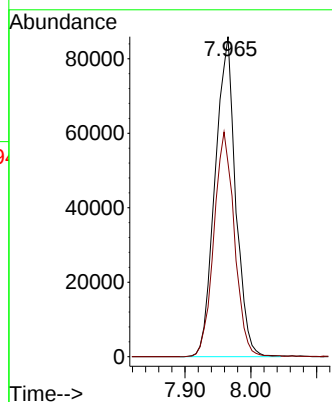
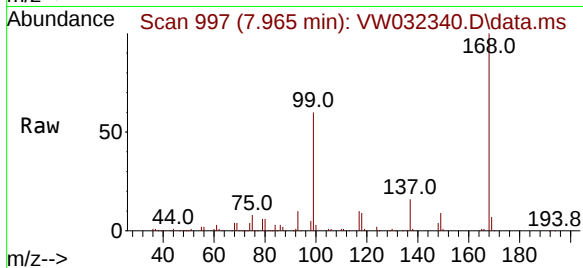




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

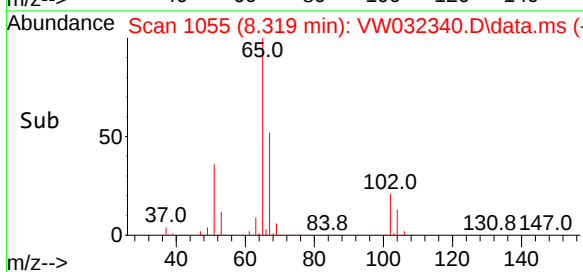
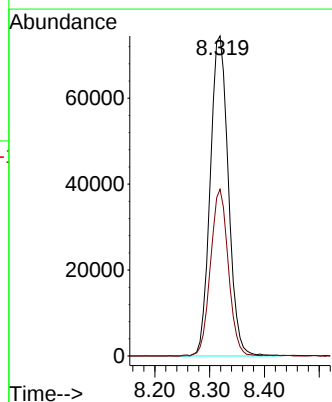
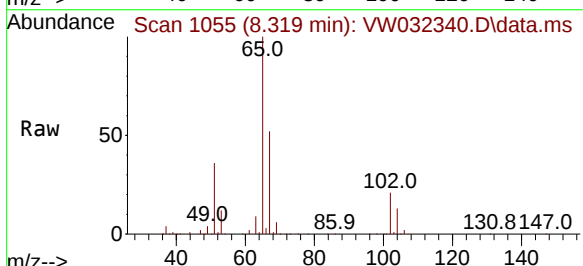
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

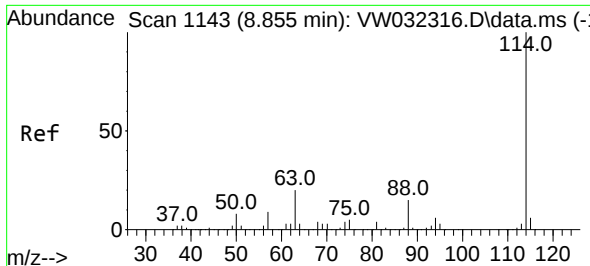
Tgt Ion:168 Resp: 187187
Ion Ratio Lower Upper
168 100
99 60.4 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 62.466 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion: 65 Resp: 170547
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.6

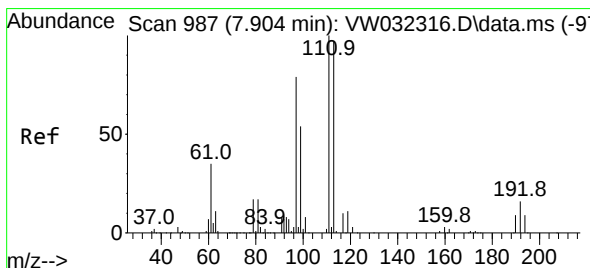
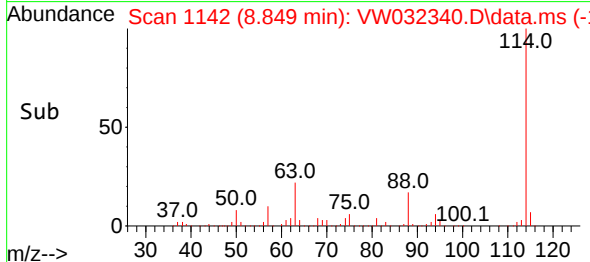
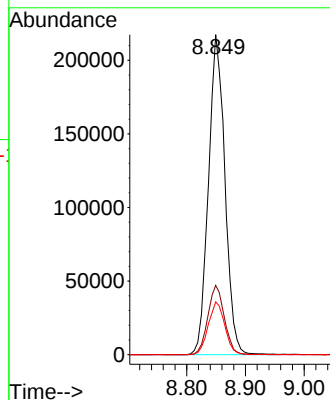
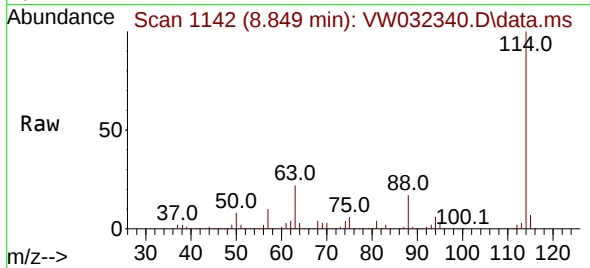




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

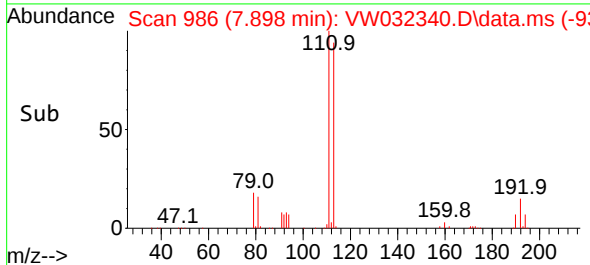
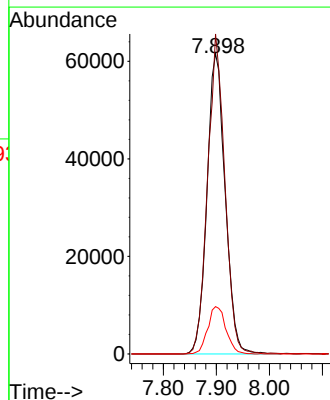
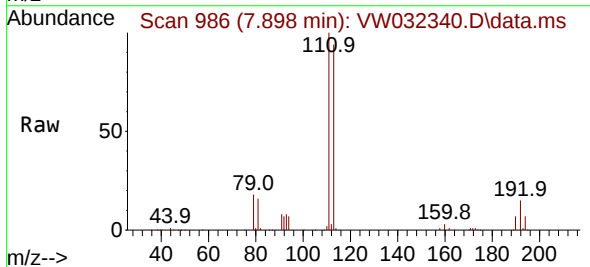
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

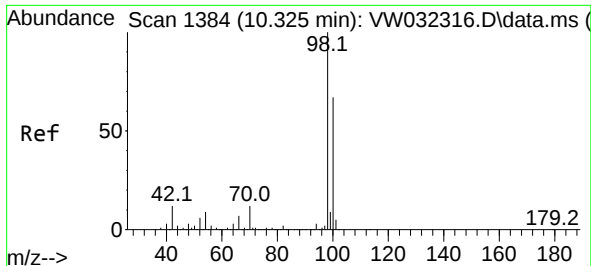
Tgt Ion:114 Resp: 423770
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.4
88 16.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 53.384 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion:113 Resp: 146507
Ion Ratio Lower Upper
113 100
111 100.9 83.9 125.9
192 15.8 14.6 21.8

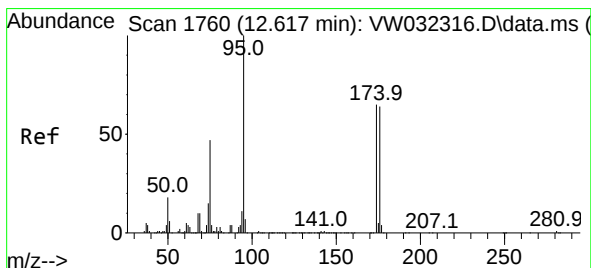
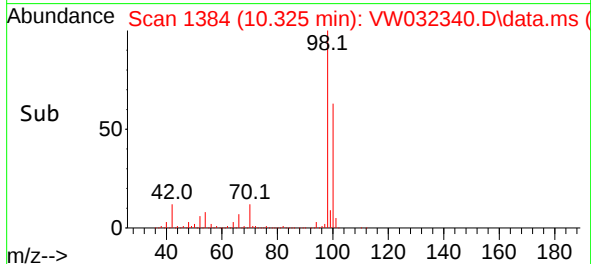
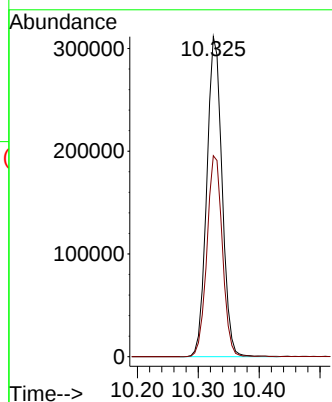
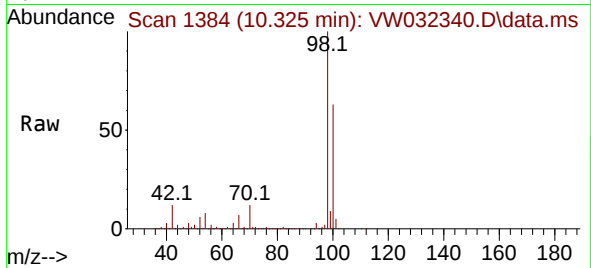




#50
Toluene-d8
Concen: 53.562 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

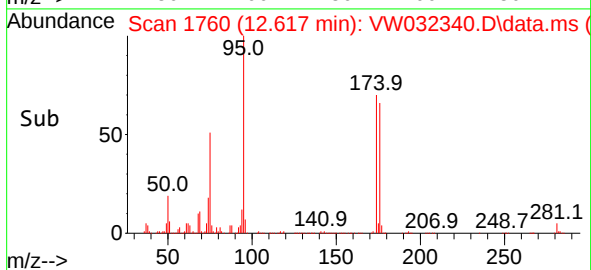
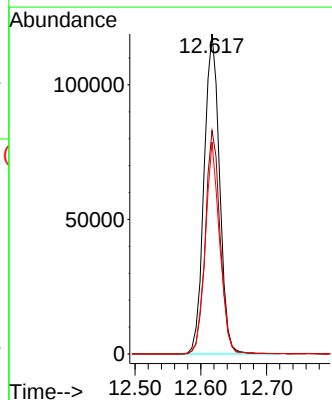
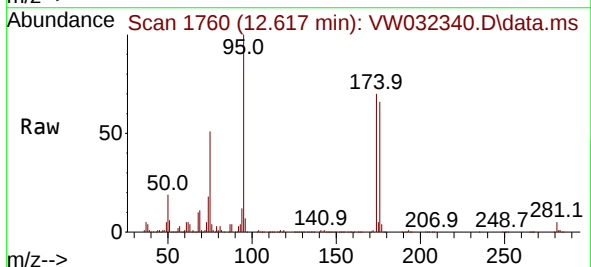
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

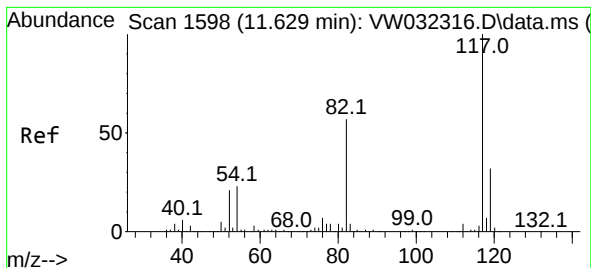
Tgt Ion: 98 Resp: 542522
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 50.878 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion: 95 Resp: 194781
Ion Ratio Lower Upper
95 100
174 66.8 0.0 145.6
176 62.1 0.0 140.8

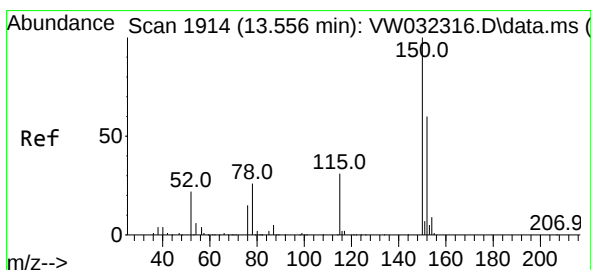
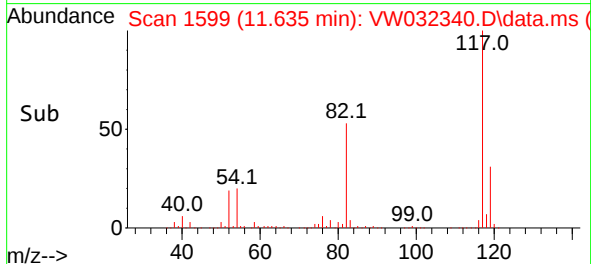
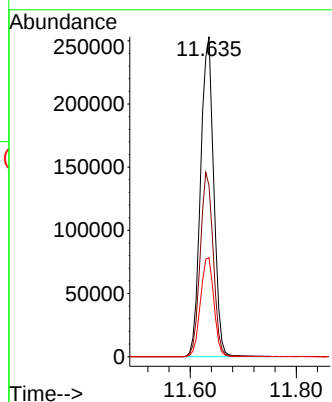
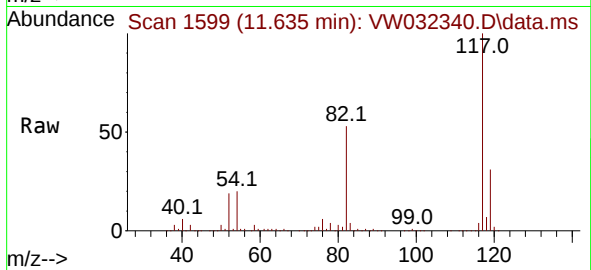




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032340.D
Acq: 03 Oct 2025 09:40

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBL01

Tgt Ion:117 Resp: 435697
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 31.0 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: VW032340.D
Acq: 03 Oct 2025 09:40

Tgt Ion:152 Resp: 203854
Ion Ratio Lower Upper
152 100
115 64.6 31.8 95.4
150 161.3 0.0 343.0

