

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032323.D
 Acq On : 02 Oct 2025 11:20
 Operator : SY/MD
 Sample : VW1002SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 02 21:33:50 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	200843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	433970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	450698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	204423	50.000	ug/l	0.00

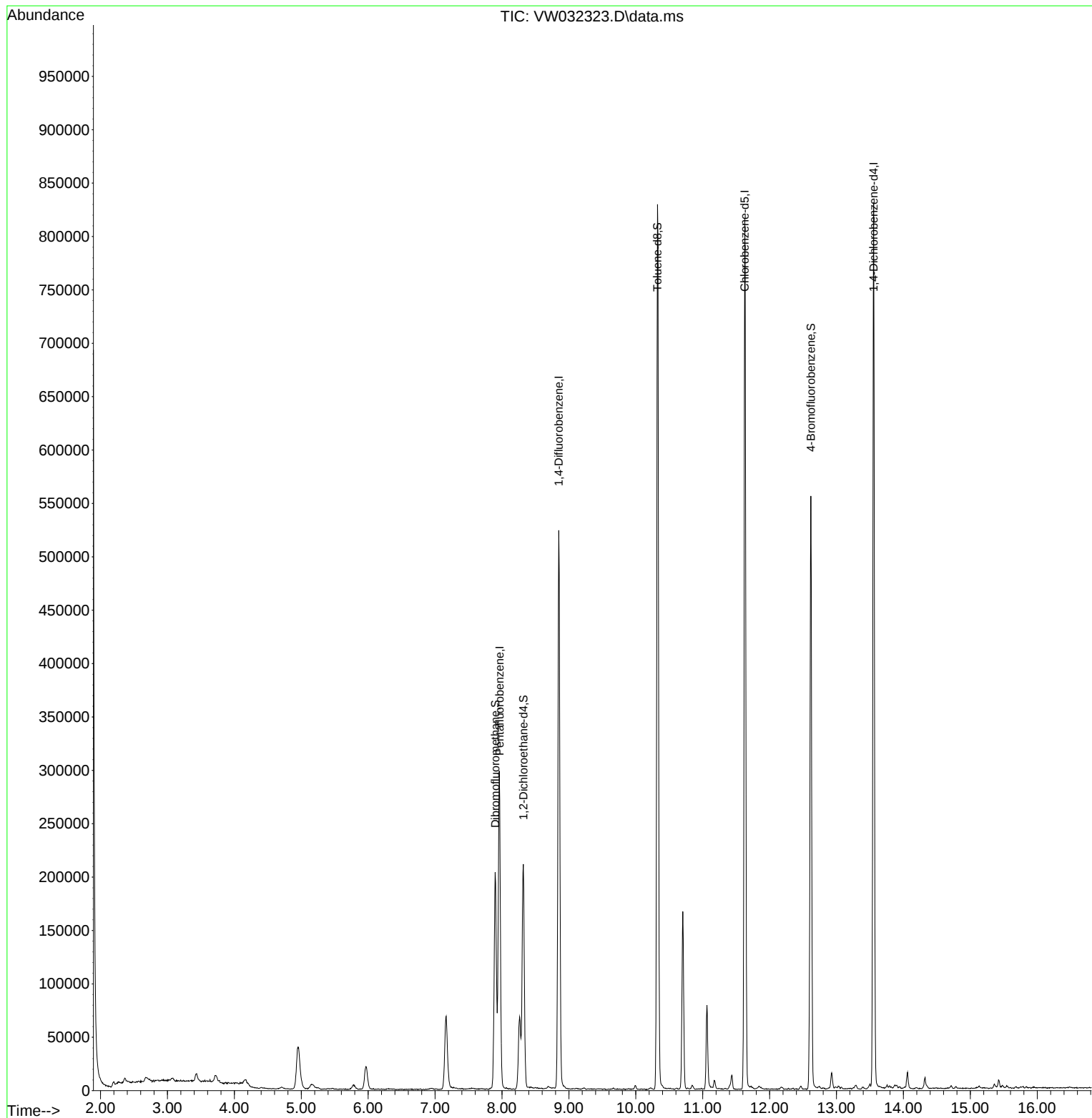
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	175563	59.931	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	119.860%
35) Dibromofluoromethane	7.898	113	148013	52.666	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	105.340%
50) Toluene-d8	10.325	98	553065	53.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.617	95	199049	50.771	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.540%

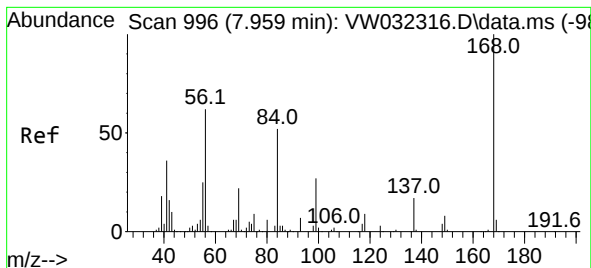
Target Compounds	Qvalue

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

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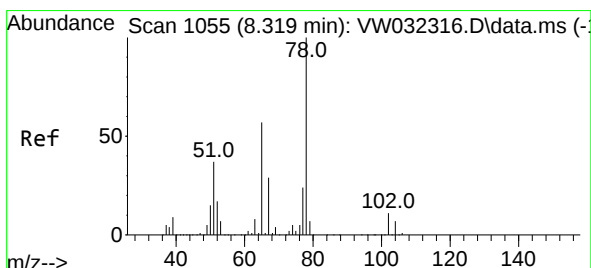
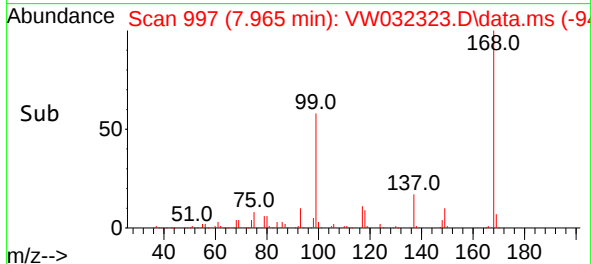
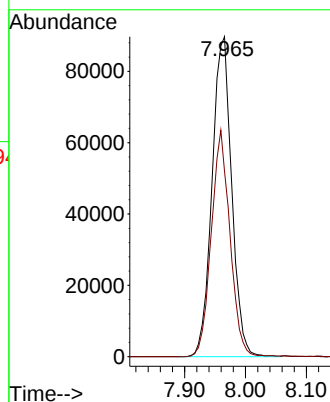
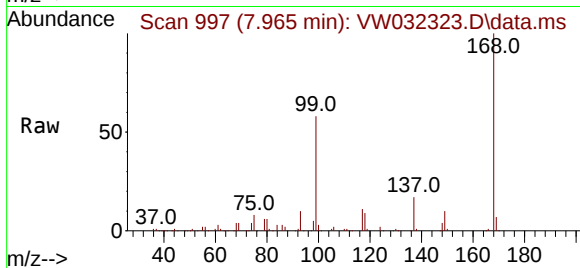
Quant Time: Oct 02 21:33:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration





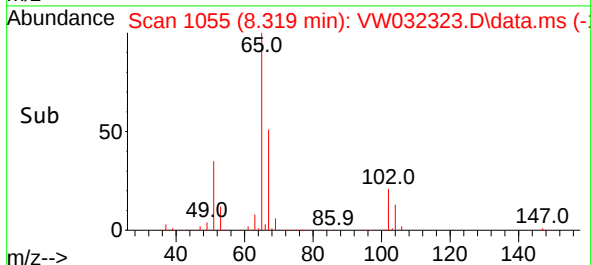
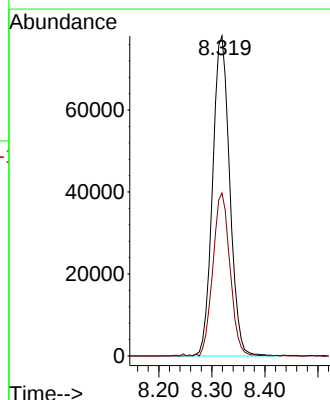
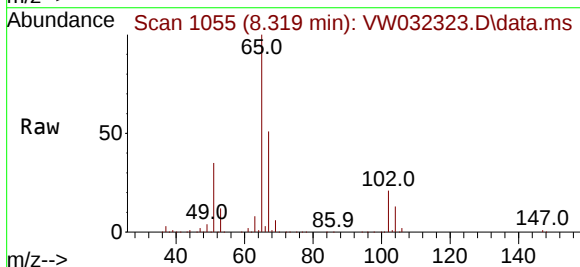
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

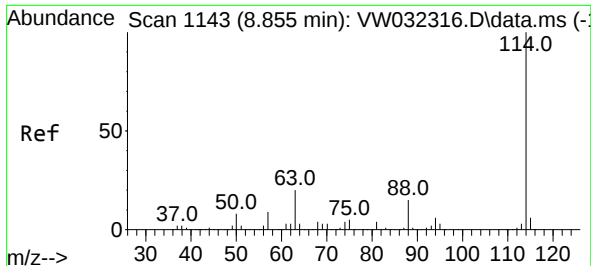
Tgt Ion:168 Resp: 200843
Ion Ratio Lower Upper
168 100
99 57.9 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 59.931 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

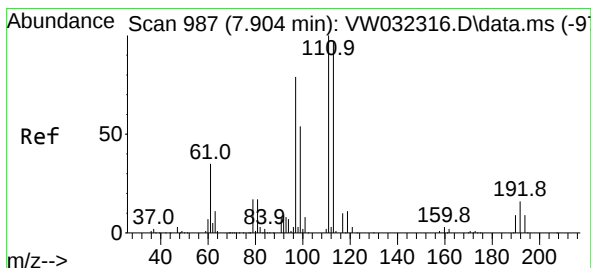
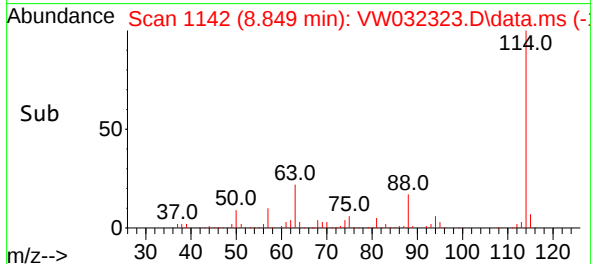
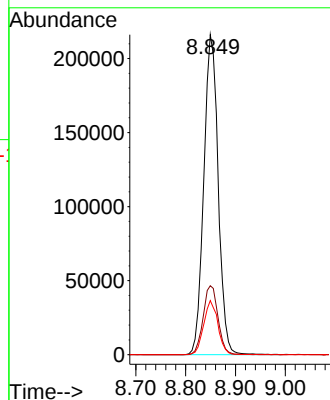
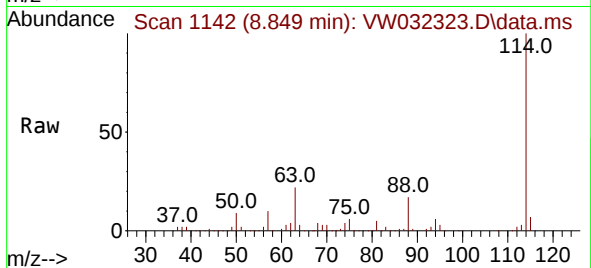
Tgt Ion: 65 Resp: 175563
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.6





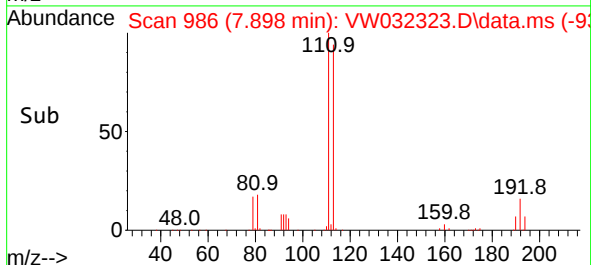
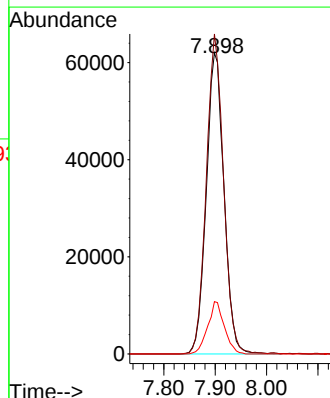
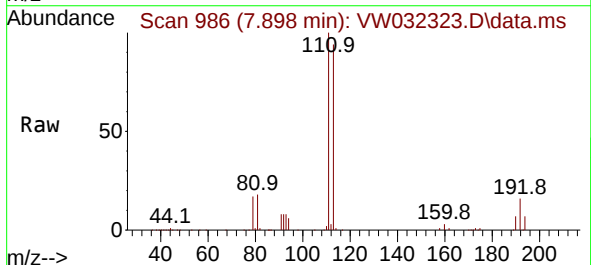
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

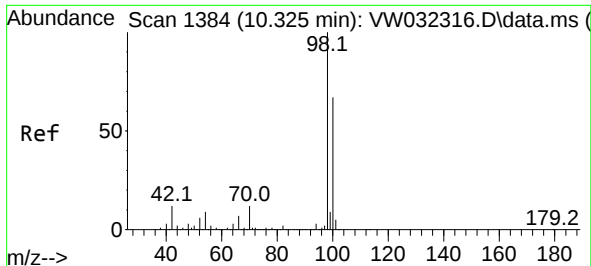
Tgt Ion:114 Resp: 433970
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.4
88 16.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 52.666 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

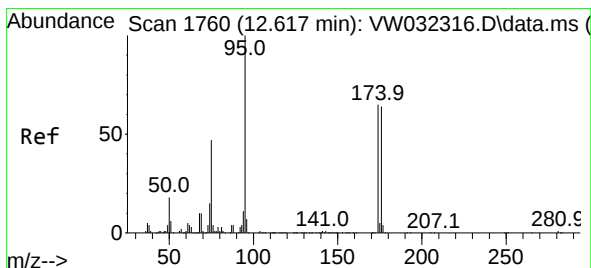
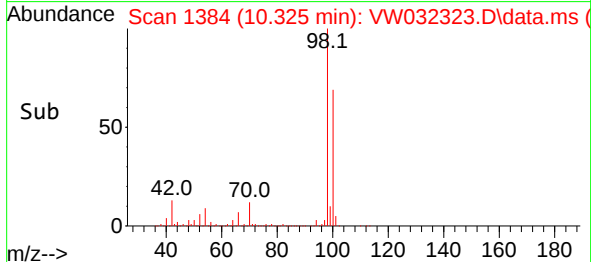
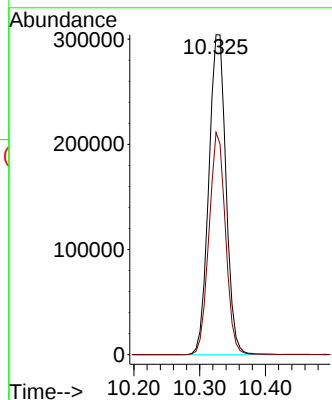
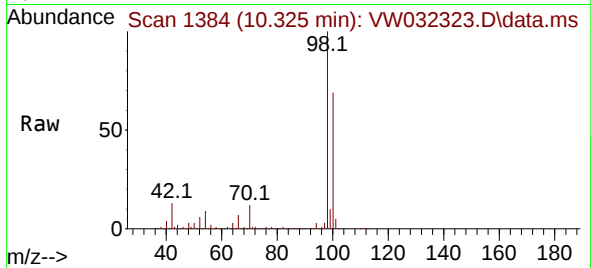
Tgt Ion:113 Resp: 148013
Ion Ratio Lower Upper
113 100
111 103.9 83.9 125.9
192 16.4 14.6 21.8





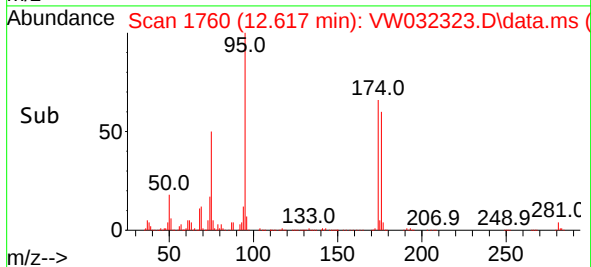
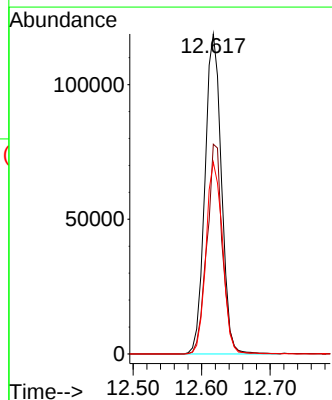
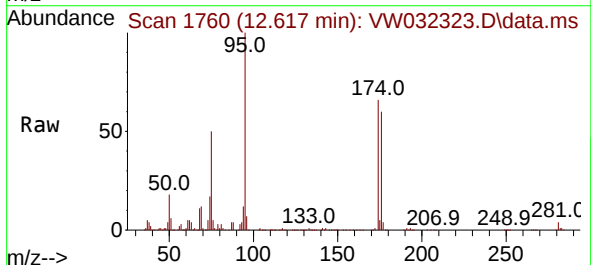
#50
Toluene-d8
Concen: 53.319 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

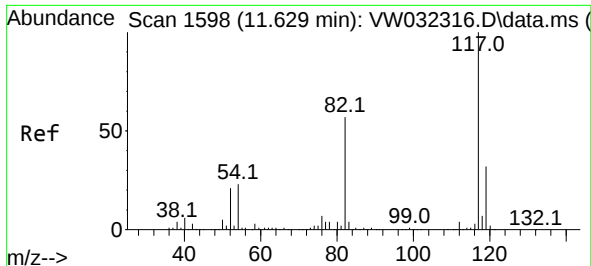
Tgt Ion: 98 Resp: 553065
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

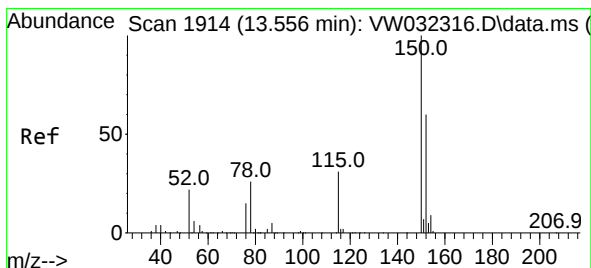
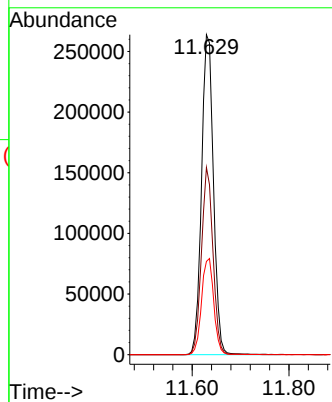
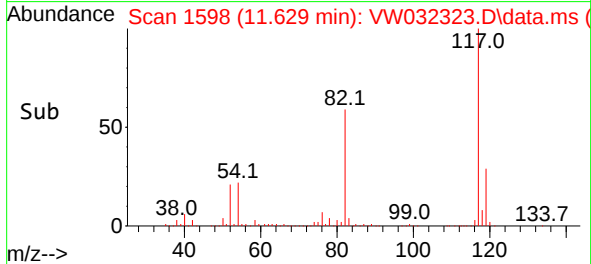
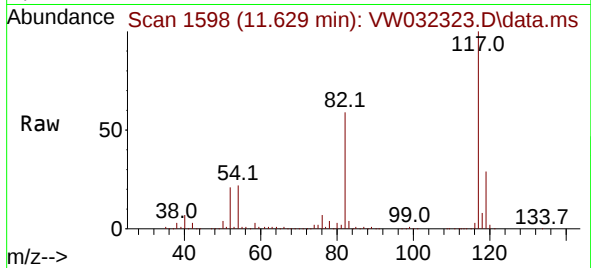
Tgt Ion: 95 Resp: 199049
Ion Ratio Lower Upper
95 100
174 62.2 0.0 145.6
176 60.2 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion:117 Resp: 450698
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 29.1 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: VW032323.D
Acq: 02 Oct 2025 11:20

Tgt Ion:152 Resp: 204423
Ion Ratio Lower Upper
152 100
115 64.8 31.8 95.4
150 160.3 0.0 343.0

