

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032545.D
 Acq On : 26 Nov 2025 15:42
 Operator : SY/MD
 Sample : Q3719-06
 Misc : 5.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12B

Quant Time: Nov 27 00:29:11 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	186663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	470881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	539261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	265861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167157	69.460	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	138.920%
35) Dibromofluoromethane	7.898	113	151206	53.633	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	107.260%
50) Toluene-d8	10.325	98	497865	46.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.617	95	217244	53.171	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	106.340%

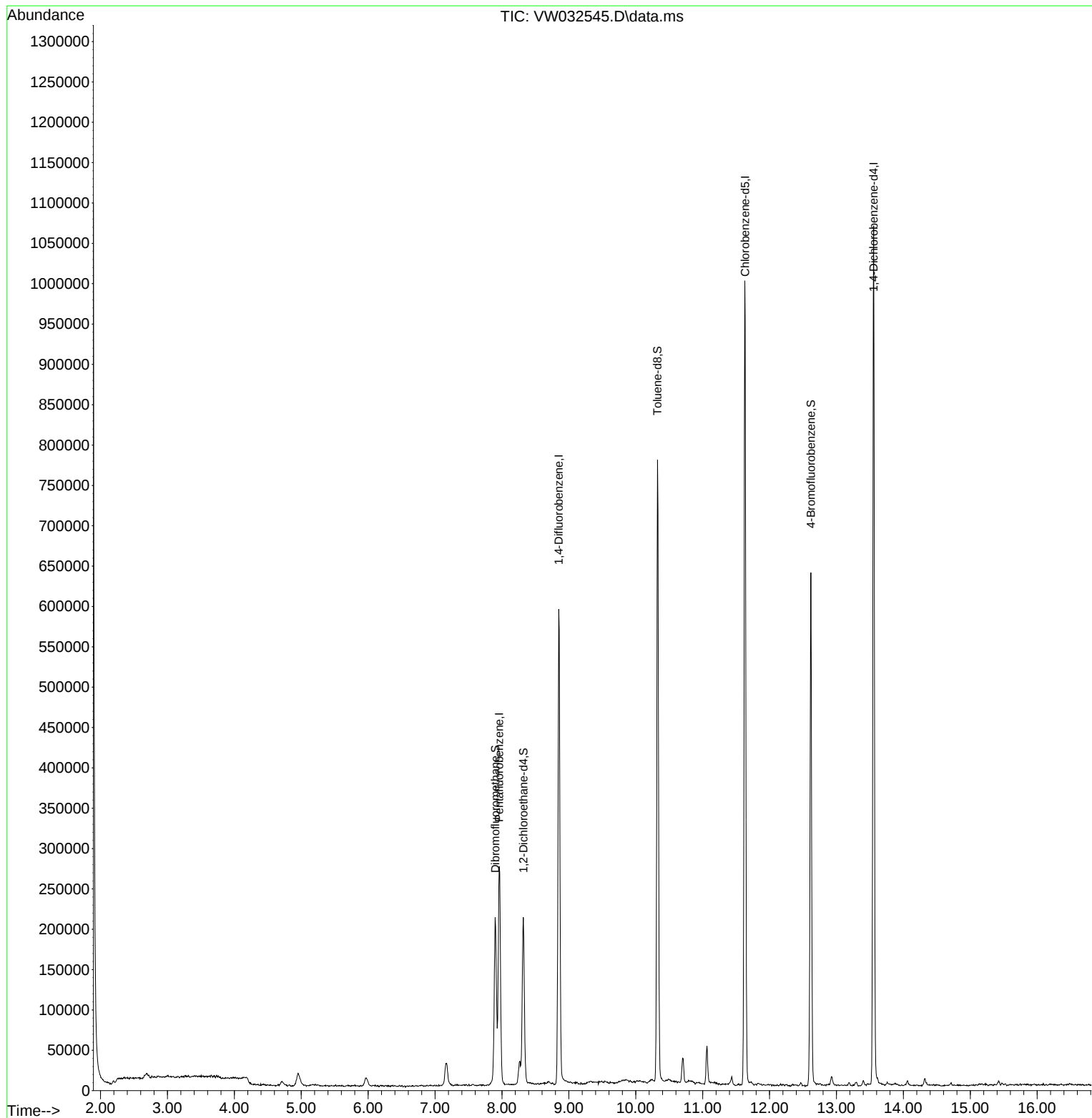
Target Compounds	Qvalue

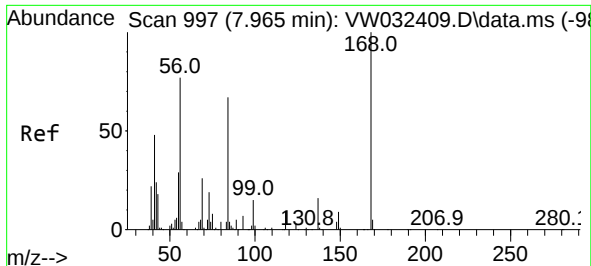
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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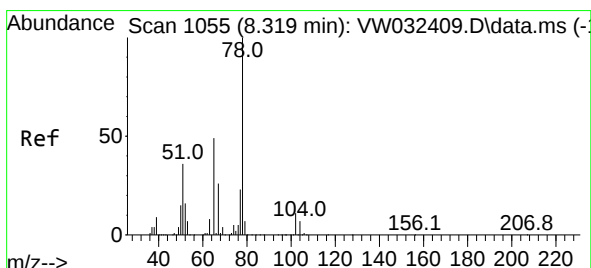
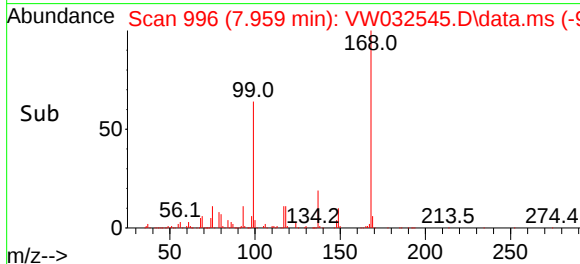
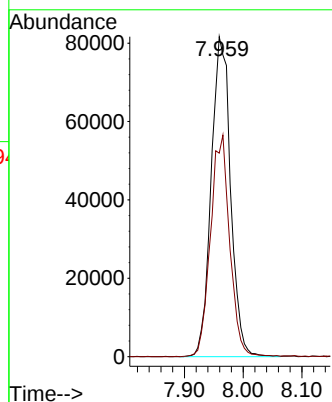
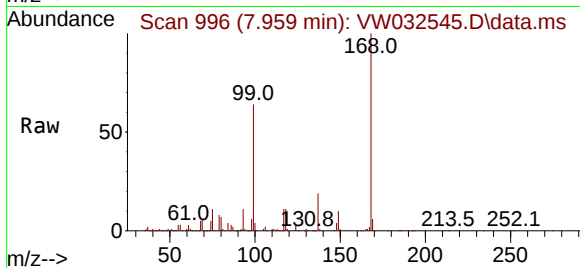




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

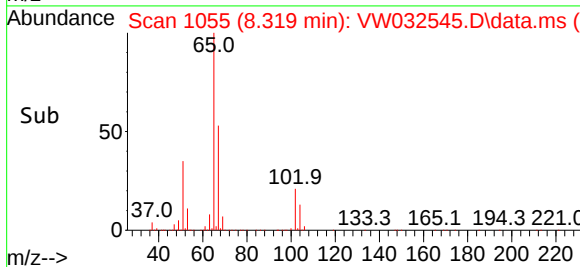
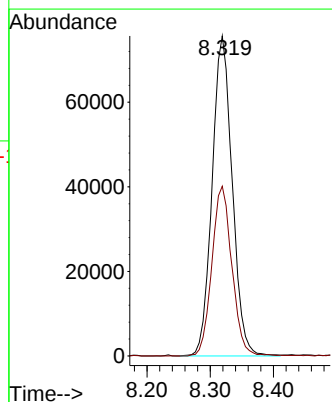
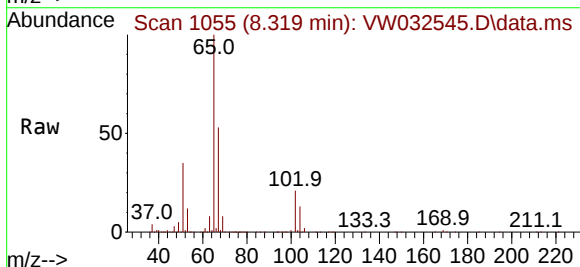
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

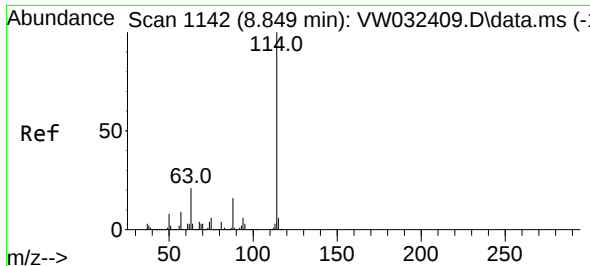
Tgt Ion:168 Resp: 186663
Ion Ratio Lower Upper
168 100
99 63.6 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 69.460 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion: 65 Resp: 167157
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8

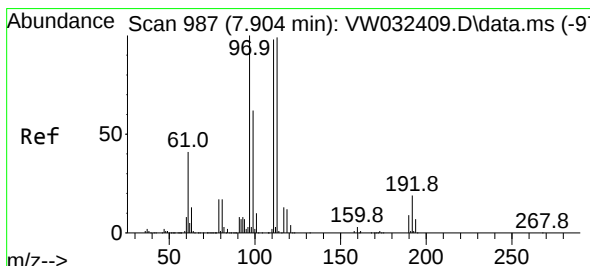
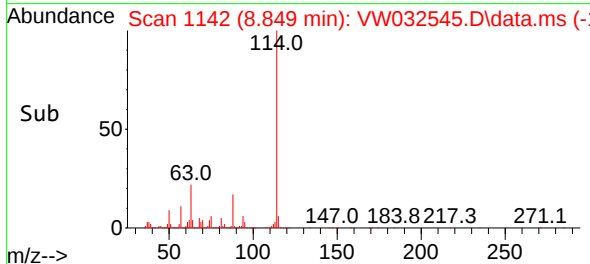
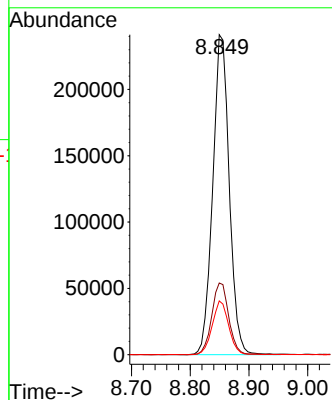
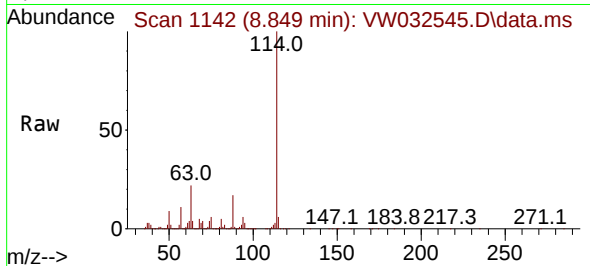




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

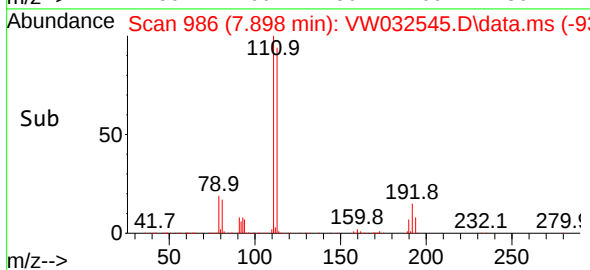
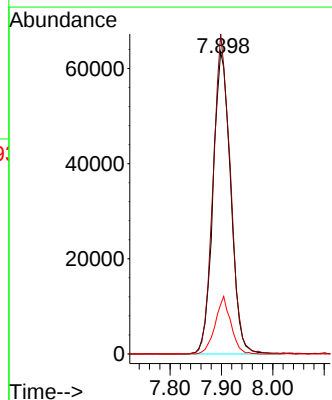
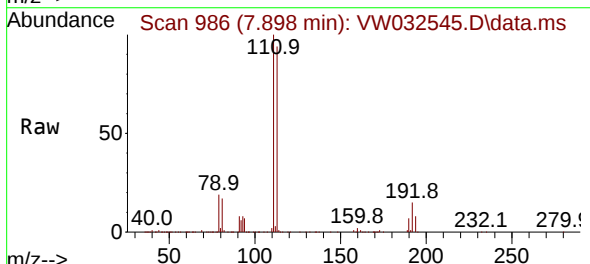
Instrument :
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ClientSampleId :
SB-1125-12B

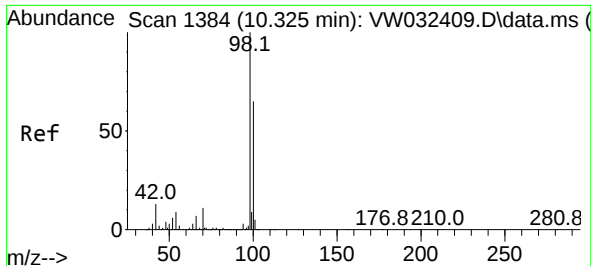
Tgt Ion:114 Resp: 470881
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.633 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion:113 Resp: 151206
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.9 13.4 20.2

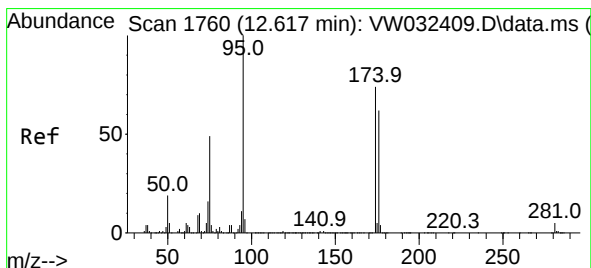
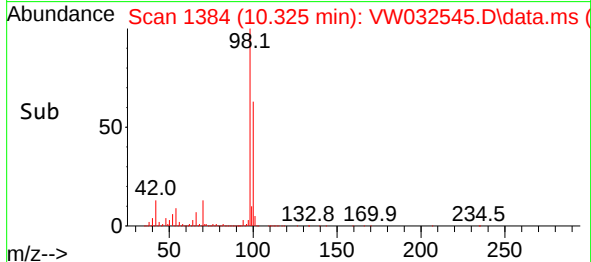
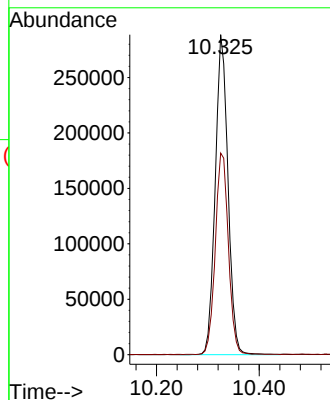
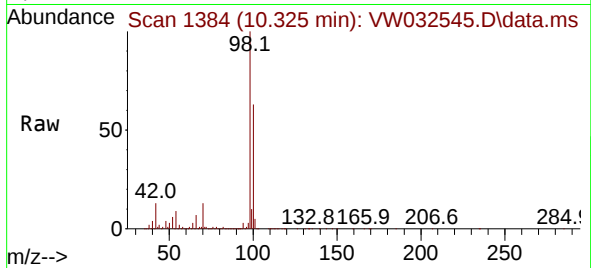




#50
Toluene-d8
Concen: 46.032 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

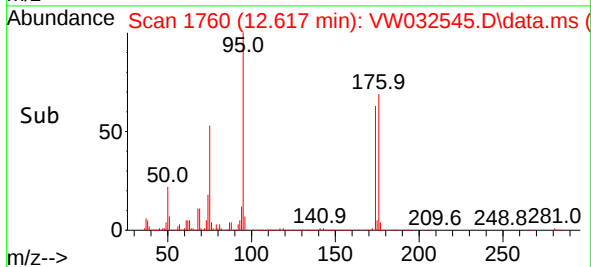
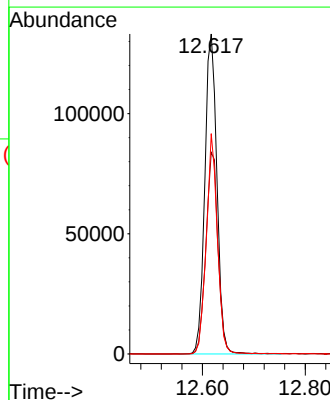
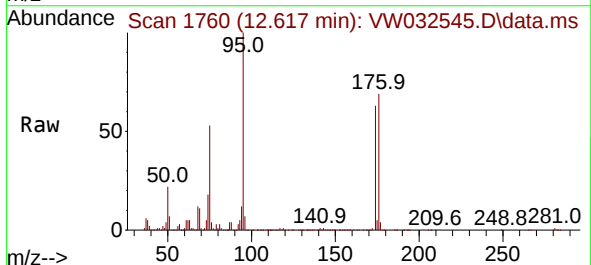
Instrument :
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ClientSampleId :
SB-1125-12B

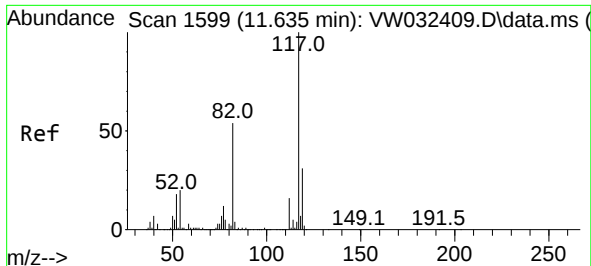
Tgt Ion: 98 Resp: 497865
Ion Ratio Lower Upper
98 100
100 64.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.171 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion: 95 Resp: 217244
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.4
176 63.3 0.0 131.8

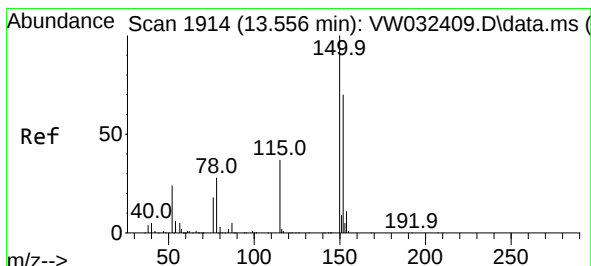
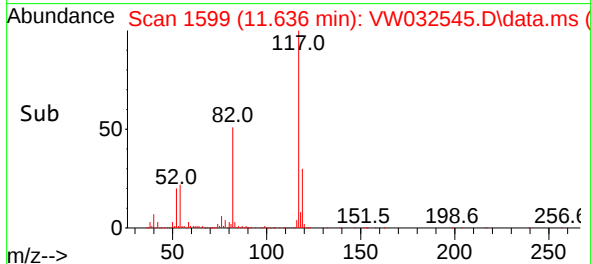
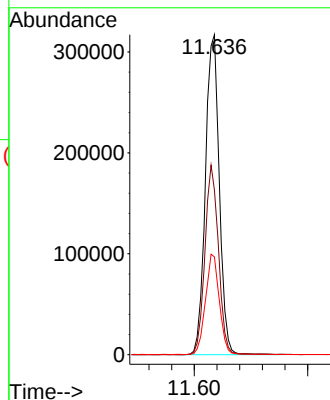
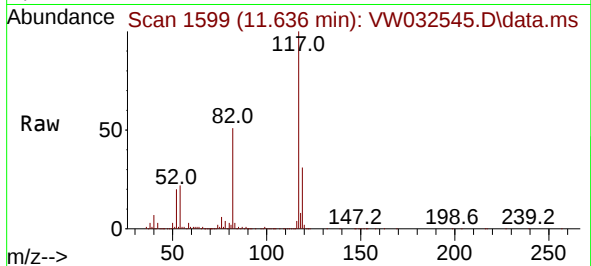




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032545.D
Acq: 26 Nov 2025 15:42

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12B

Tgt Ion:117 Resp: 539261
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 30.5 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: VW032545.D
Acq: 26 Nov 2025 15:42

Tgt Ion:152 Resp: 265861
Ion Ratio Lower Upper
152 100
115 62.2 32.8 98.3
150 158.5 0.0 356.6

