

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032573.D
 Acq On : 05 Dec 2025 12:33
 Operator : SY/MD
 Sample : VW1205SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBL01

Quant Time: Dec 05 22:58:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	387344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	731795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	668404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	286491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	273893	47.514	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.020%
35) Dibromofluoromethane	7.904	113	218353	45.342	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.680%
50) Toluene-d8	10.331	98	837962	46.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.617	95	288738	43.128	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	86.260%

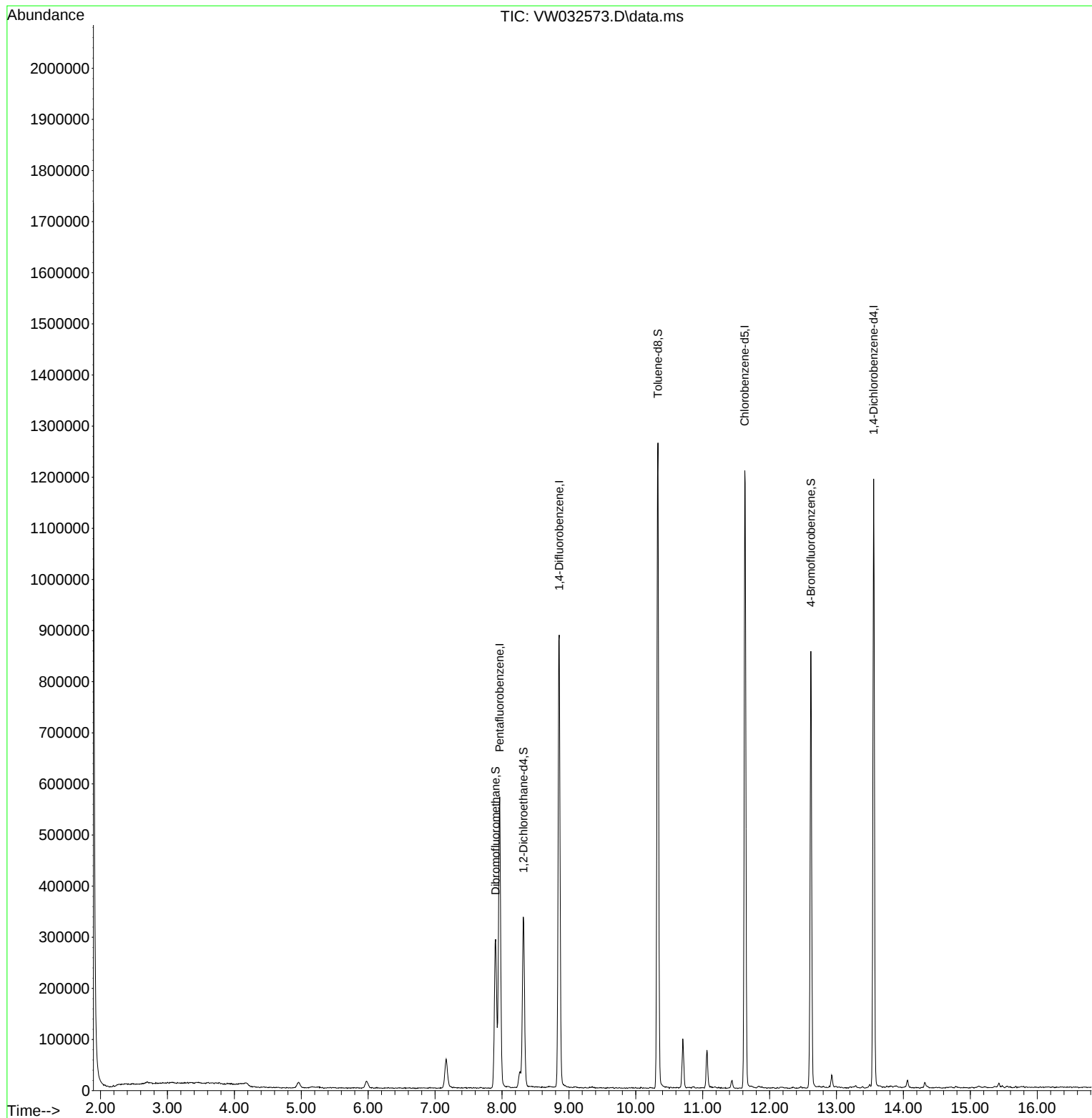
Target Compounds	Qvalue

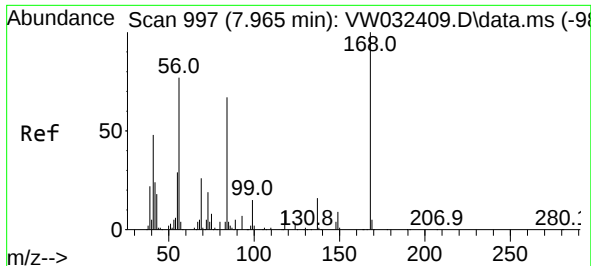
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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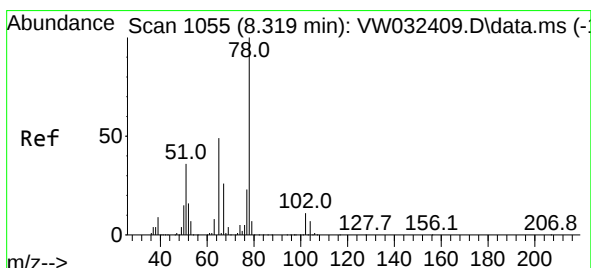
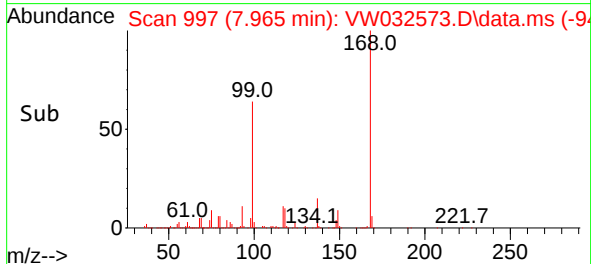
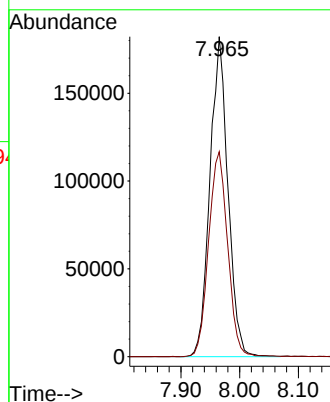
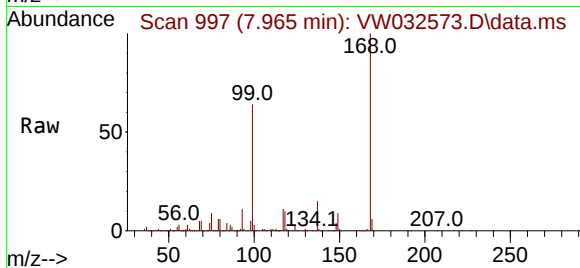




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

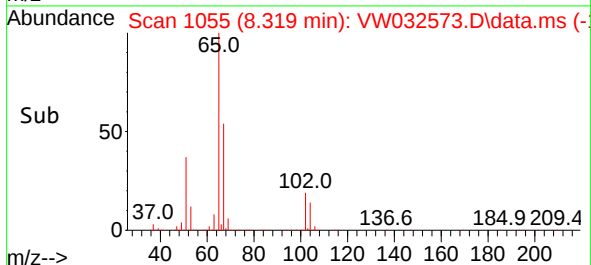
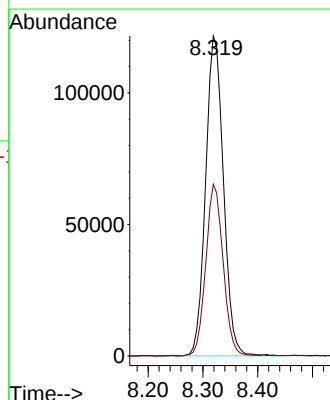
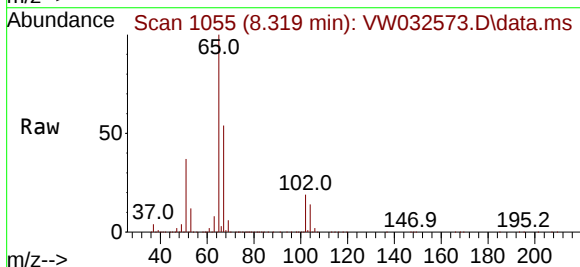
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

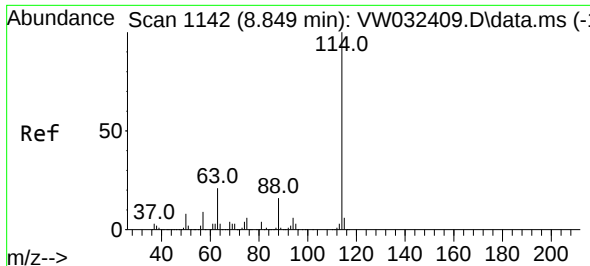
Tgt Ion:168 Resp: 387344
Ion Ratio Lower Upper
168 100
99 64.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 47.514 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion: 65 Resp: 273893
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0

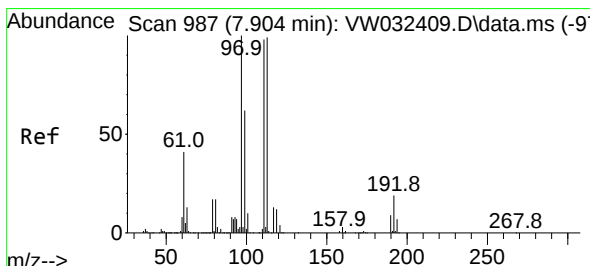
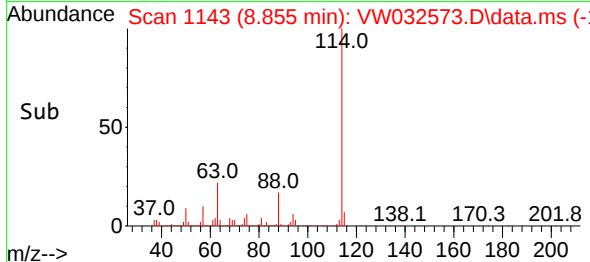
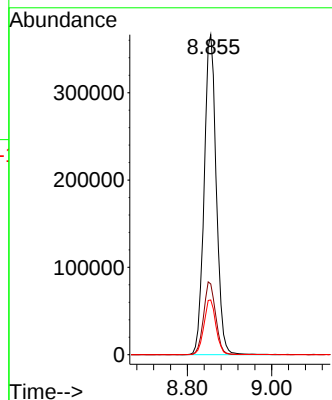
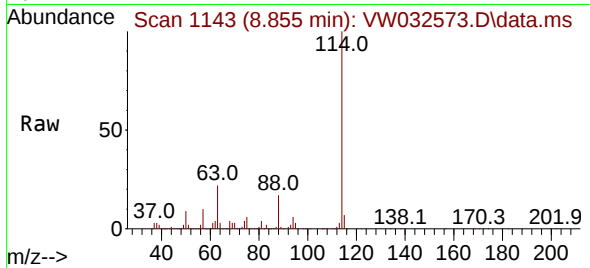




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

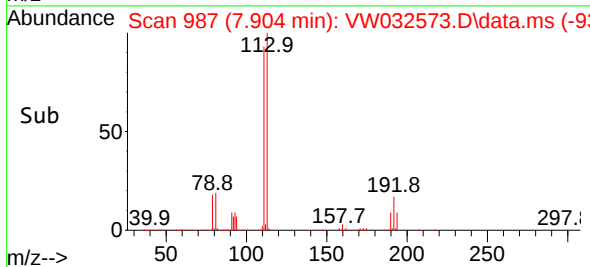
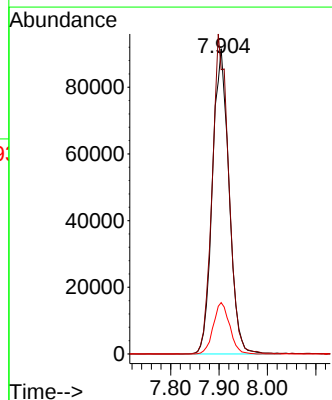
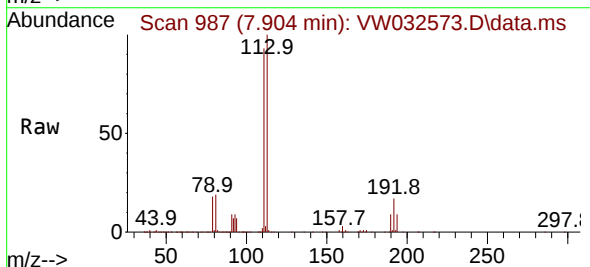
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

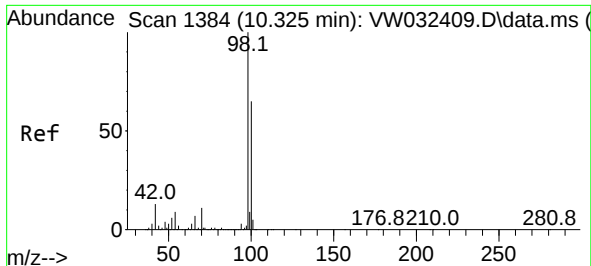
Tgt Ion:114 Resp: 731795
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.6
88 17.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 45.342 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion:113 Resp: 218353
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 16.5 13.4 20.2

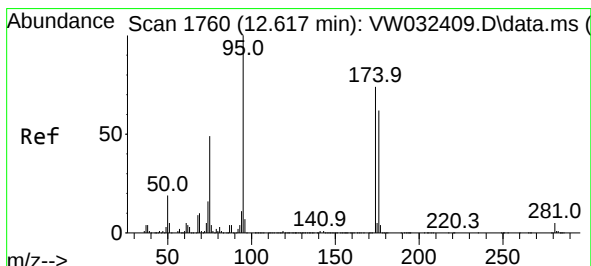
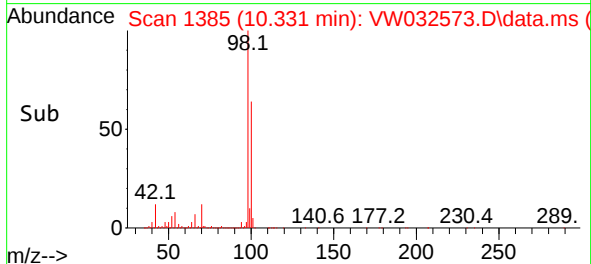
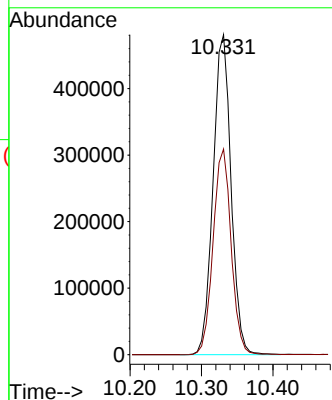
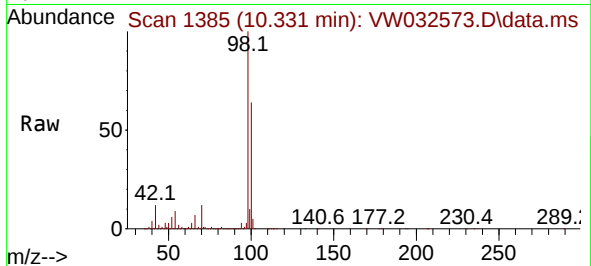




#50
Toluene-d8
Concen: 46.243 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

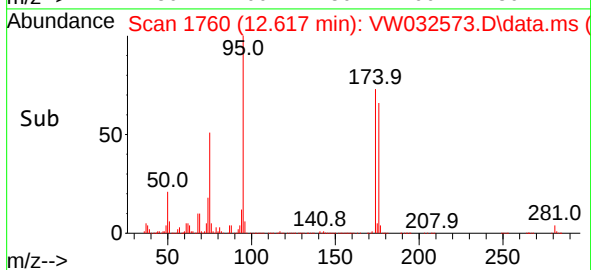
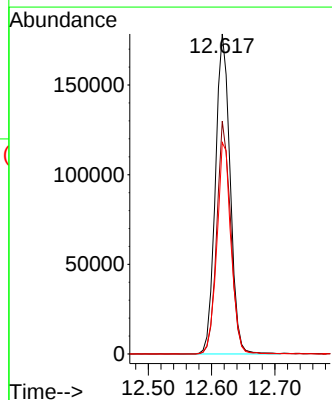
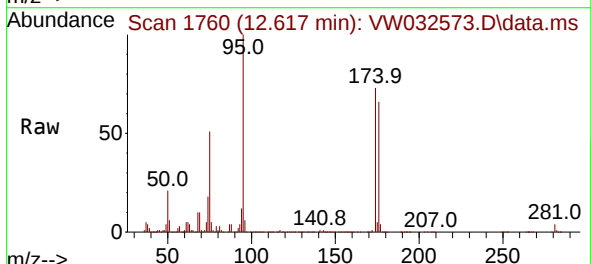
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

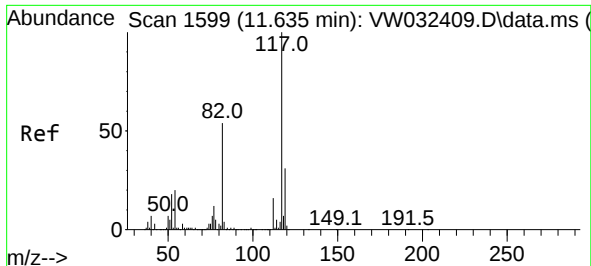
Tgt Ion: 98 Resp: 837962
Ion Ratio Lower Upper
98 100
100 64.6 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 43.128 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion: 95 Resp: 288738
Ion Ratio Lower Upper
95 100
174 68.4 0.0 141.2
176 63.6 0.0 130.8

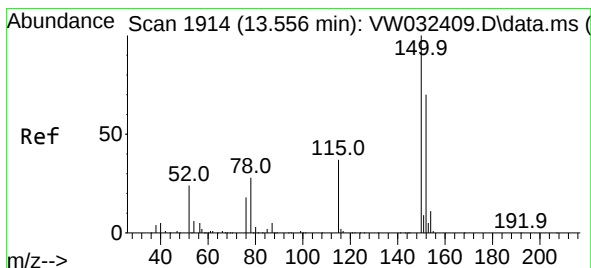
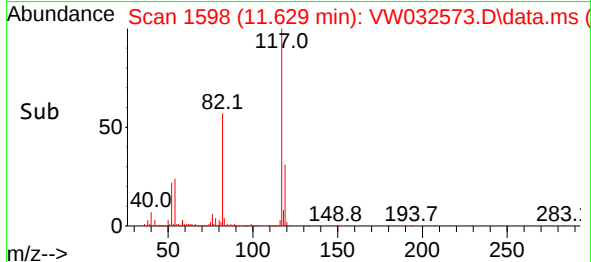
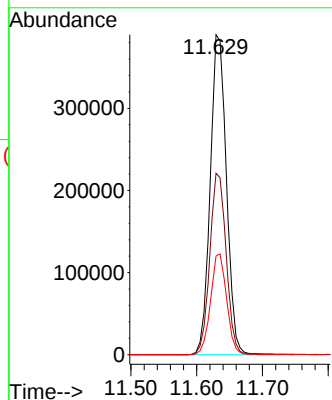
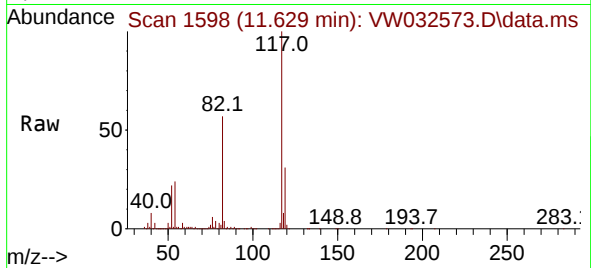




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBL01

Tgt Ion:117 Resp: 668404
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 30.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032573.D
Acq: 05 Dec 2025 12:33

Tgt Ion:152 Resp: 286491
Ion Ratio Lower Upper
152 100
115 65.1 31.1 93.3
150 163.2 0.0 351.2

