

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032289.D
 Acq On : 29 Sep 2025 10:18
 Operator : SY/MD
 Sample : VW0929SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0929SBL01

Quant Time: Sep 30 02:34:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	170986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	366797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	375398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169881	62.923	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	125.840%
35) Dibromofluoromethane	7.898	113	134272	50.901	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.800%
50) Toluene-d8	10.325	98	493728	51.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.617	95	177961	49.626	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.260%

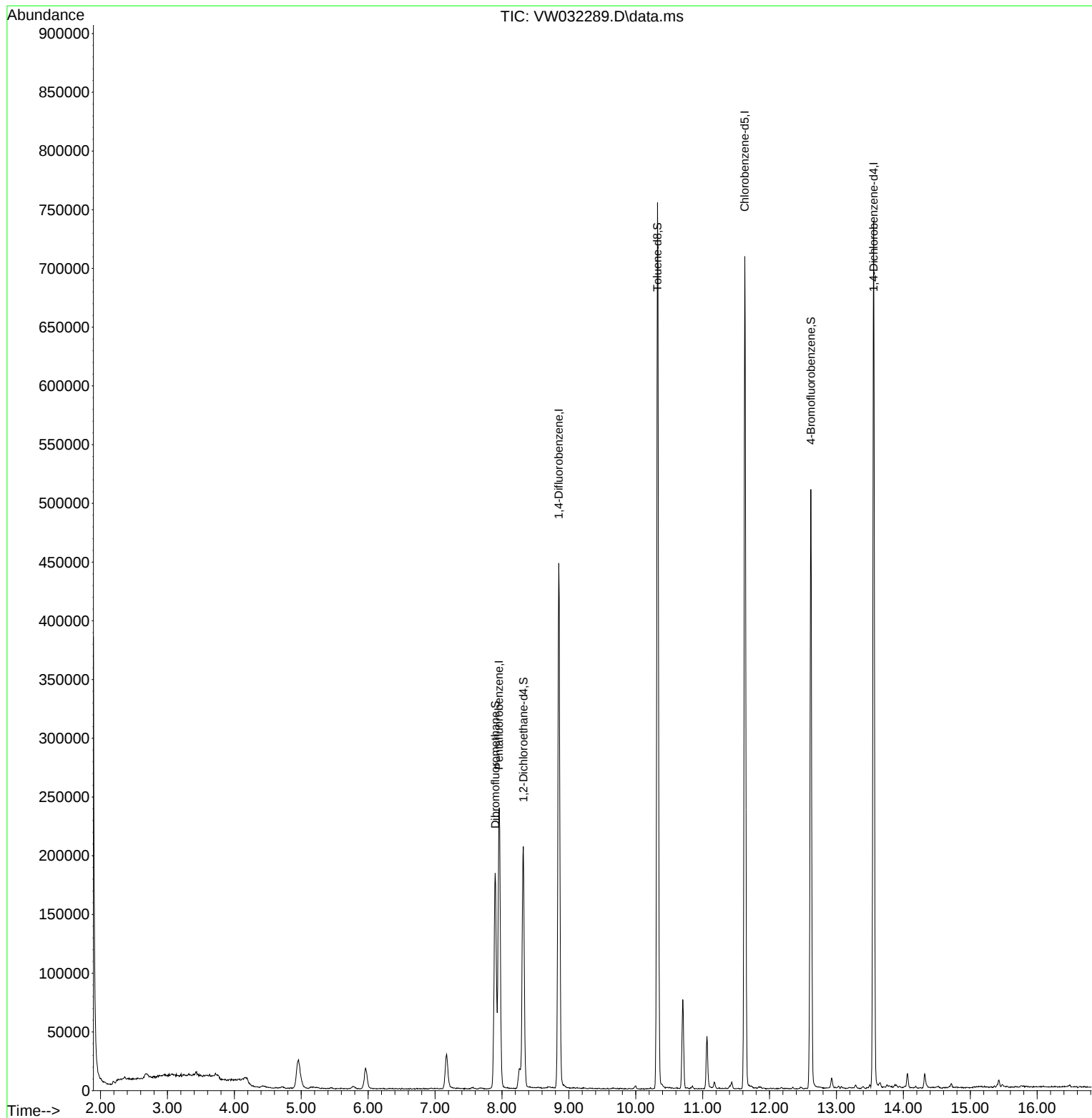
Target Compounds	Qvalue

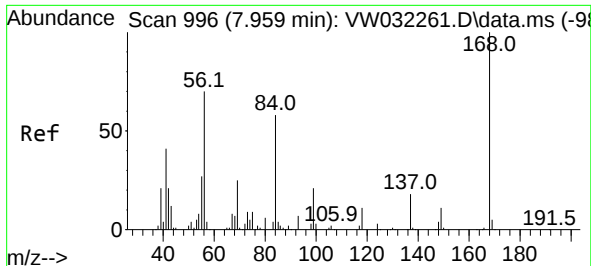
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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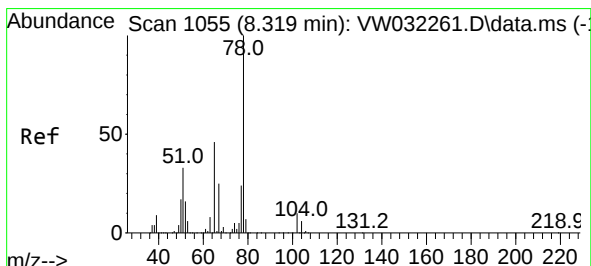
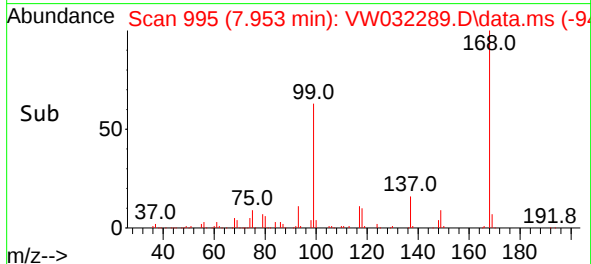
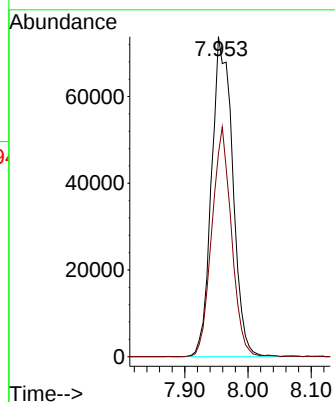
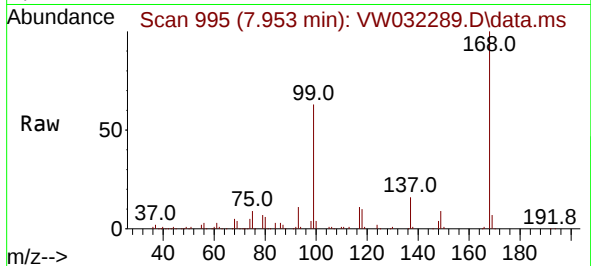




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

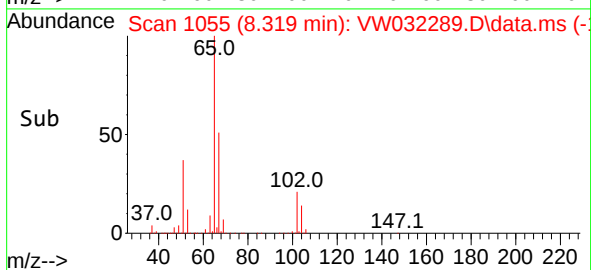
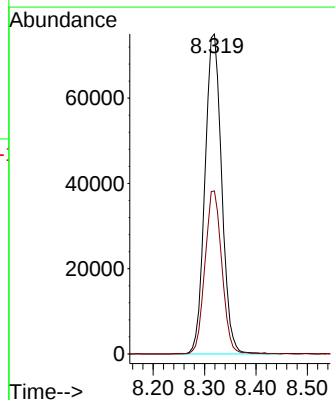
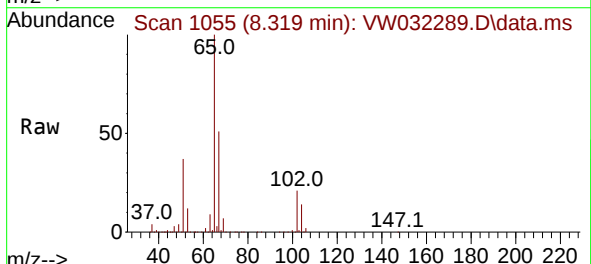
Instrument :
MSVOA_W
ClientSampleId :
VW0929SBL01

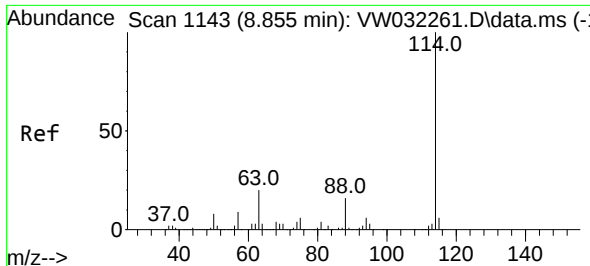
Tgt Ion:168 Resp: 170986
Ion Ratio Lower Upper
168 100
99 63.5 55.0 82.4



#33
1,2-Dichloroethane-d4
Concen: 62.923 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

Tgt Ion: 65 Resp: 169881
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8

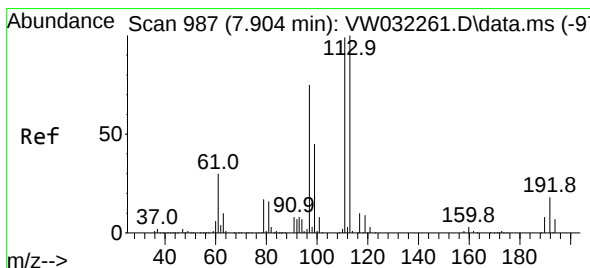
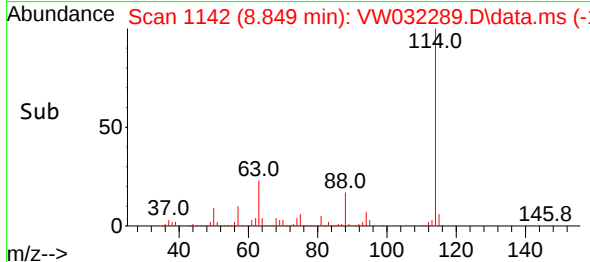
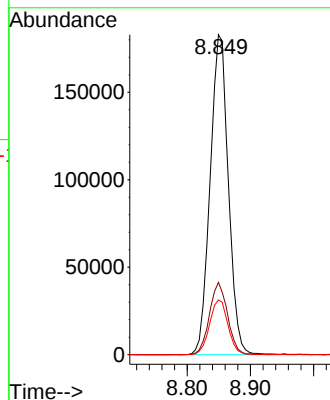
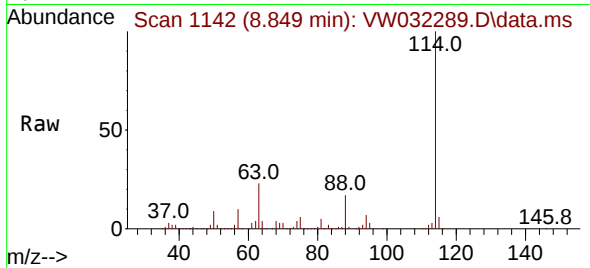




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

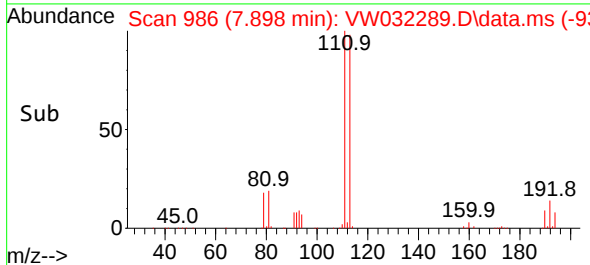
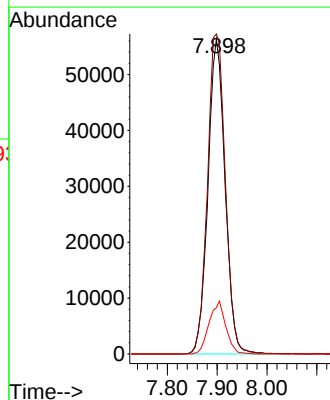
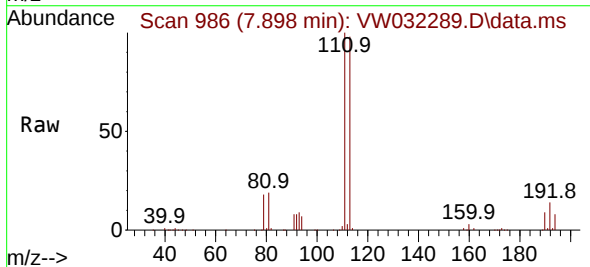
Instrument :
MSVOA_W
ClientSampleId :
VW0929SBL01

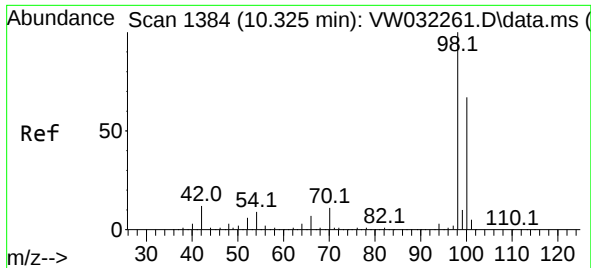
Tgt Ion:114 Resp: 366797
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.2
88 17.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.901 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

Tgt Ion:113 Resp: 134272
Ion Ratio Lower Upper
113 100
111 106.2 81.8 122.8
192 16.3 13.0 19.4

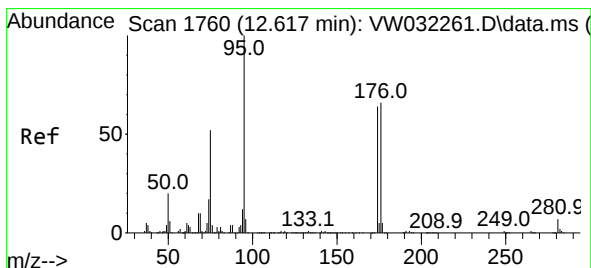
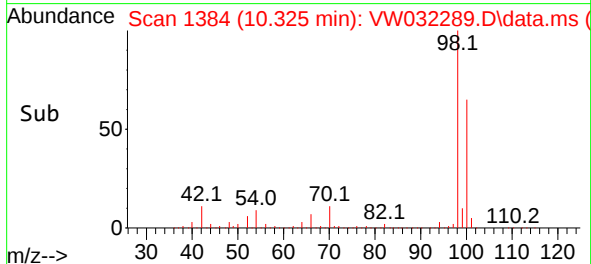
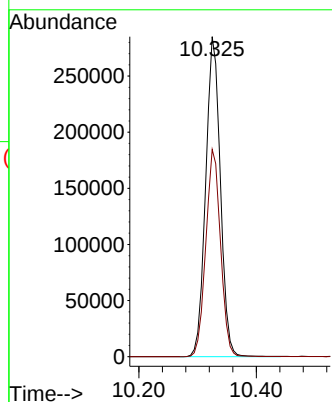
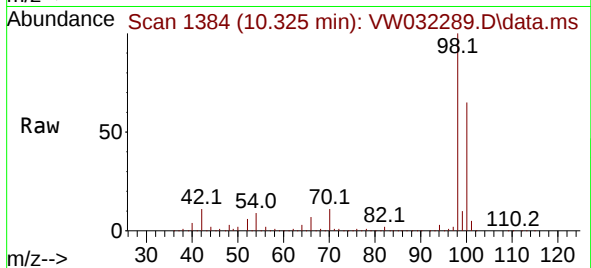




#50
Toluene-d8
Concen: 51.934 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

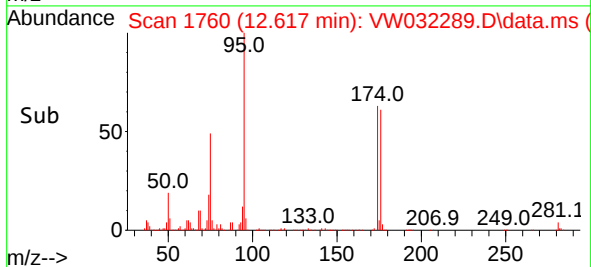
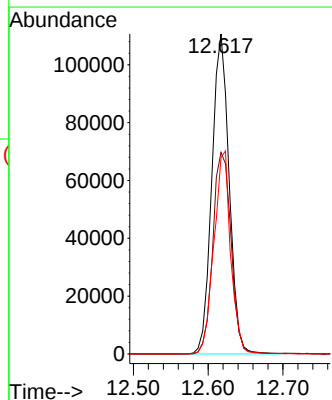
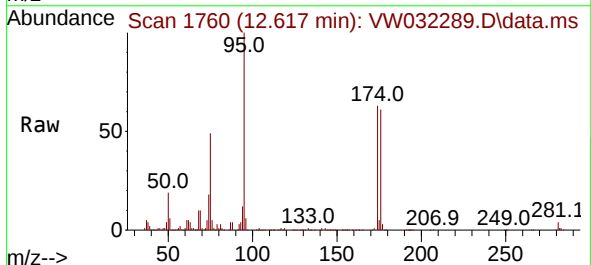
Instrument :
MSVOA_W
ClientSampleId :
VW0929SBL01

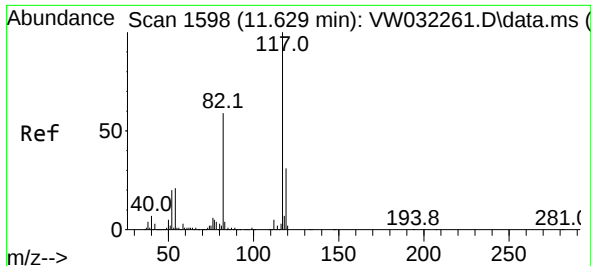
Tgt Ion: 98 Resp: 493728
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.626 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

Tgt Ion: 95 Resp: 177961
Ion Ratio Lower Upper
95 100
174 66.3 0.0 130.6
176 61.8 0.0 127.0

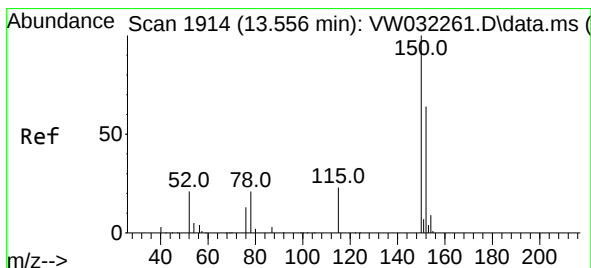
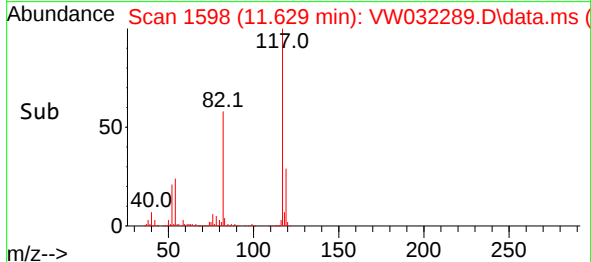
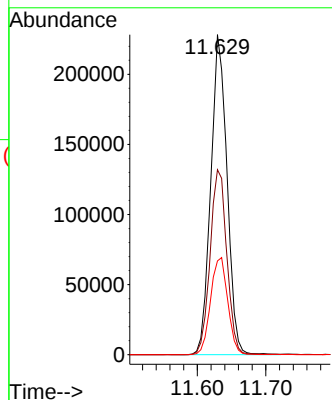
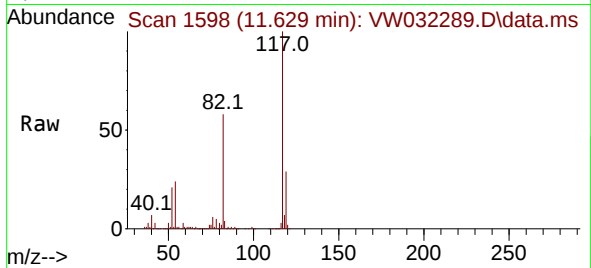




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :
VW0929SBL01

Tgt Ion:117 Resp: 375398
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 29.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032289.D
Acq: 29 Sep 2025 10:18

Tgt Ion:152 Resp: 185238
Ion Ratio Lower Upper
152 100
115 64.5 32.5 97.5
150 156.0 0.0 370.2

