

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032533.D
 Acq On : 25 Nov 2025 13:26
 Operator : SY/MD
 Sample : Q3719-01
 Misc : 5.47g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-10A

Quant Time: Nov 26 01:39:51 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	210353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	491657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	525721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	160089	59.031	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	118.060%
35) Dibromofluoromethane	7.892	113	152050	51.653	ug/l	-0.01
Spiked Amount	50.000	Range	70 - 134	Recovery	=	103.300%
50) Toluene-d8	10.325	98	522272	46.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.617	95	229919	53.896	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	107.800%

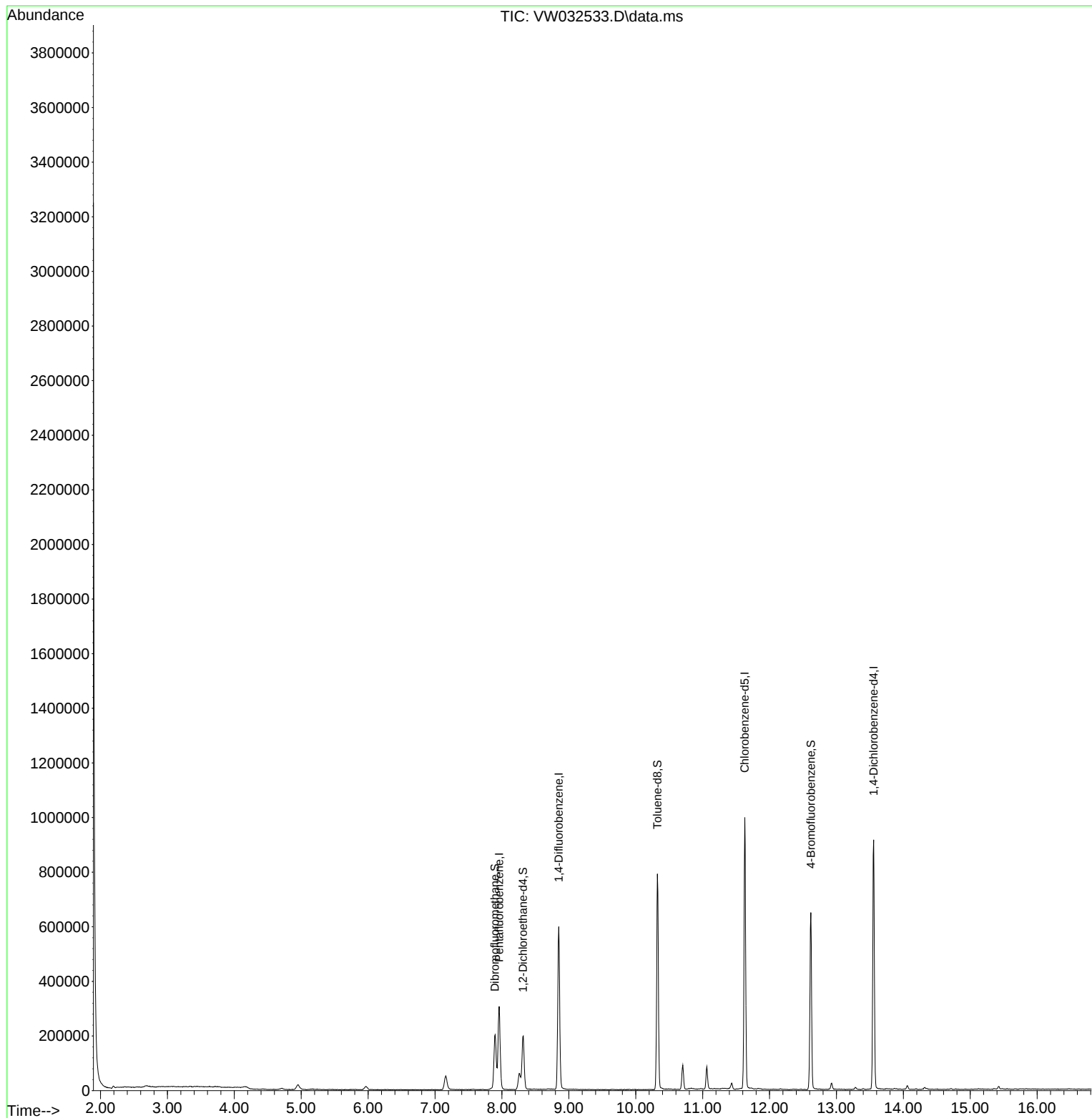
Target Compounds	Qvalue

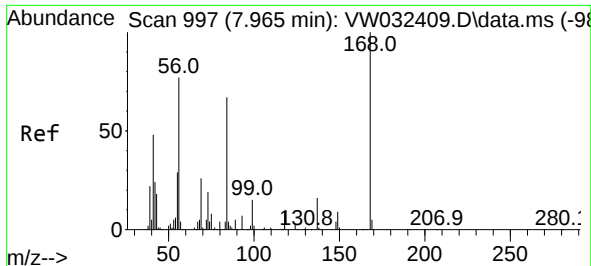
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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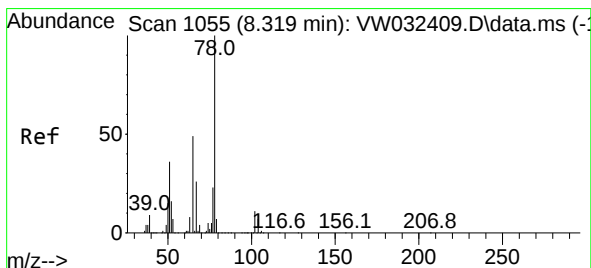
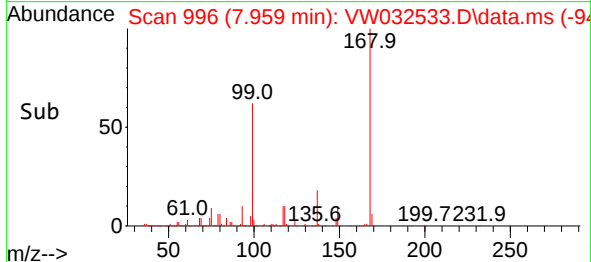
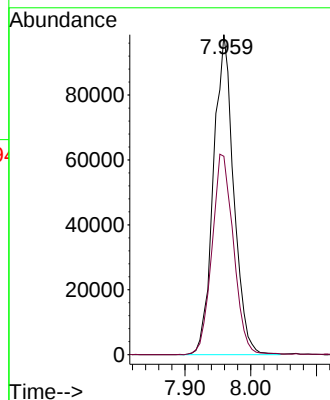
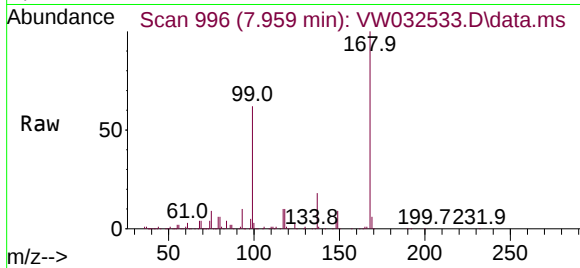




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

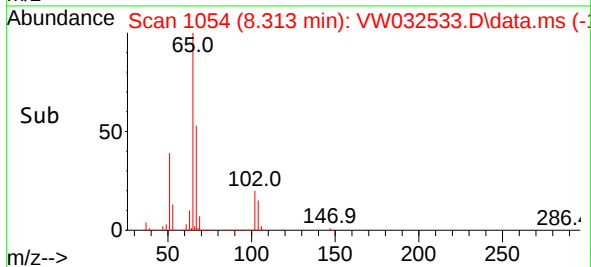
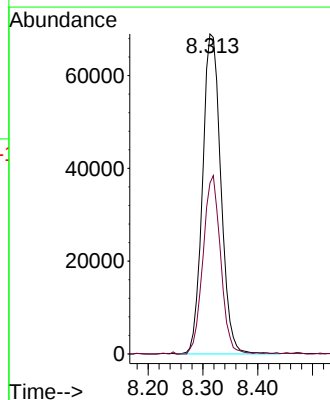
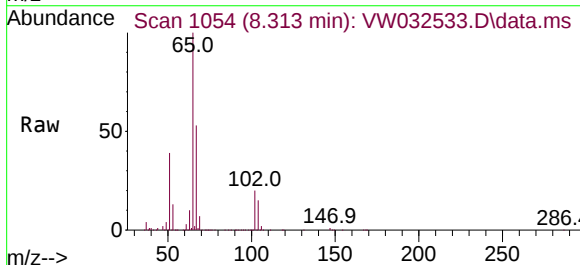
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

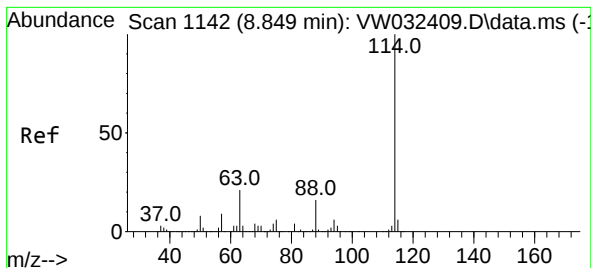
Tgt Ion:168 Resp: 210353
Ion Ratio Lower Upper
168 100
99 61.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 59.031 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

Tgt Ion: 65 Resp: 160089
Ion Ratio Lower Upper
65 100
67 53.4 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: VW032533.D

Acq: 25 Nov 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-10A

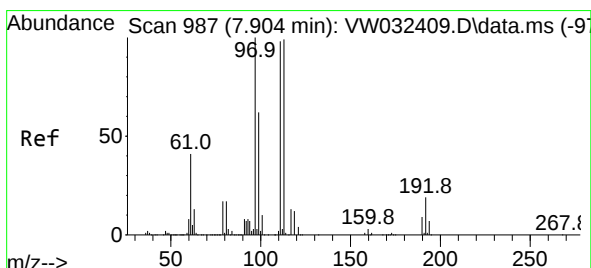
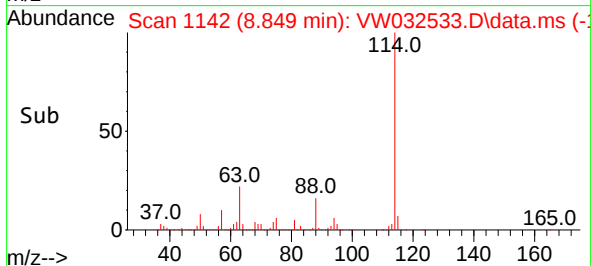
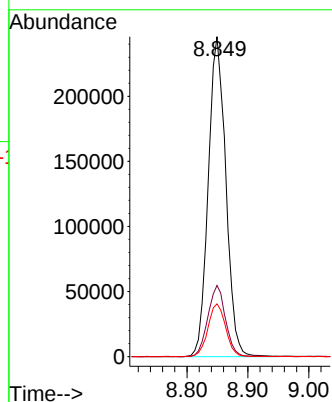
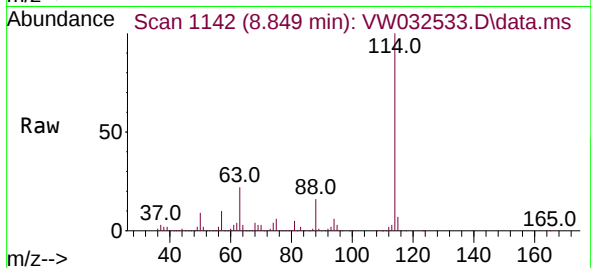
Tgt Ion:114 Resp: 491657

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.653 ug/l

RT: 7.892 min Scan# 985

Delta R.T. -0.012 min

Lab File: VW032533.D

Acq: 25 Nov 2025 13:26

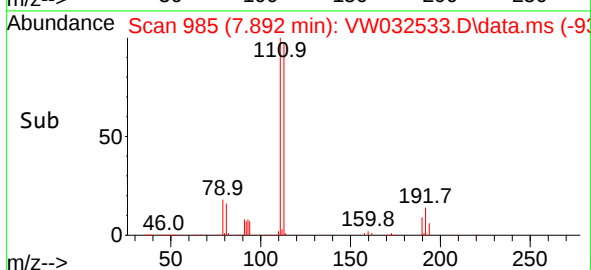
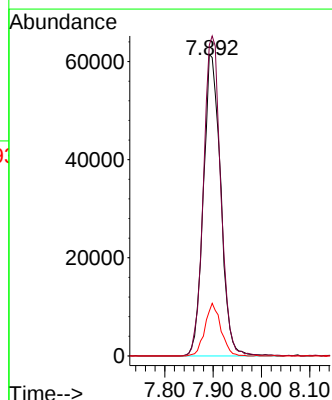
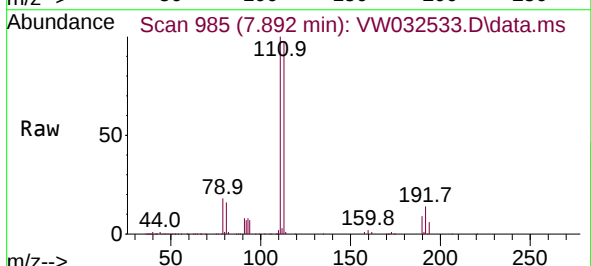
Tgt Ion:113 Resp: 152050

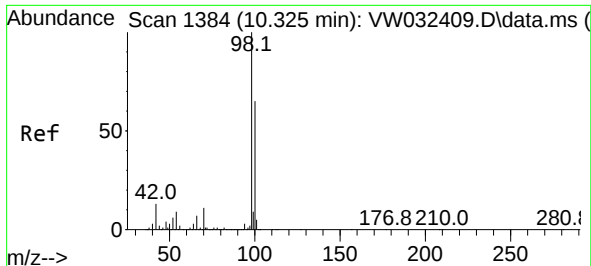
Ion Ratio Lower Upper

113 100

111 105.9 83.1 124.7

192 16.1 13.4 20.2

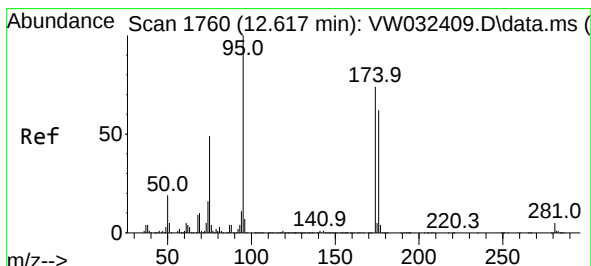
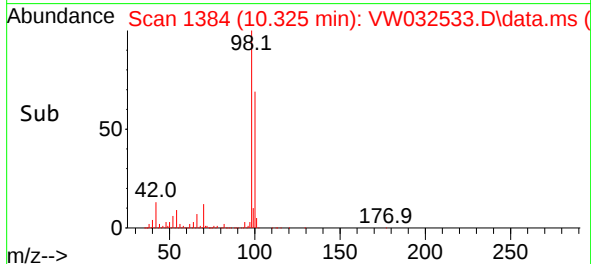
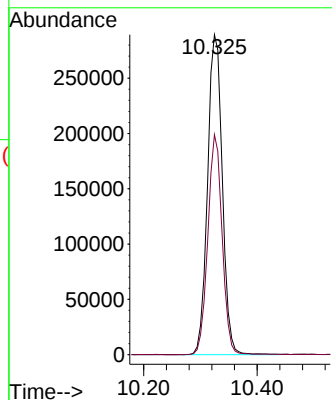
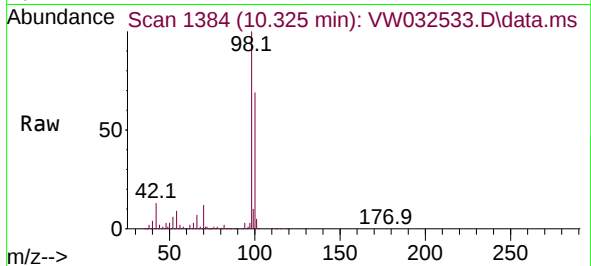




#50
Toluene-d8
Concen: 46.248 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

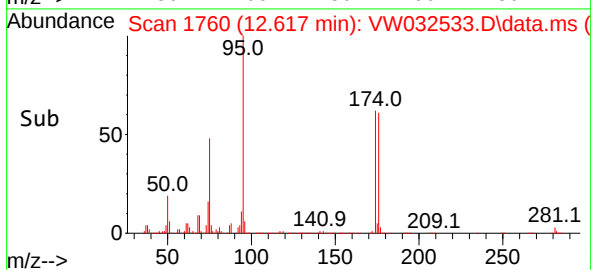
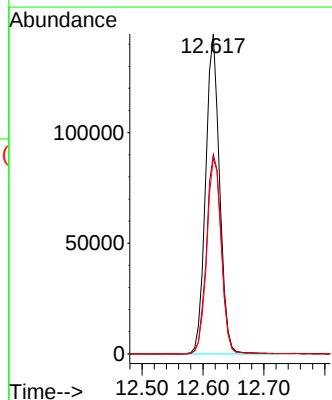
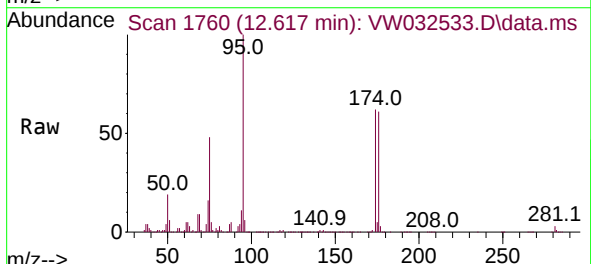
Instrument :
MSVOA_W
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SB-1125-10A

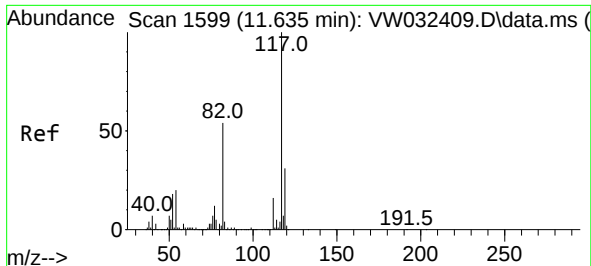
Tgt Ion: 98 Resp: 522272
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.896 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

Tgt Ion: 95 Resp: 229919
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.4
176 63.3 0.0 131.8

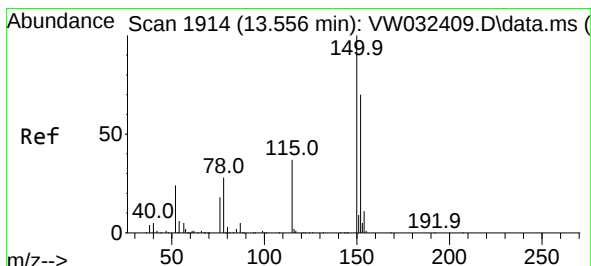
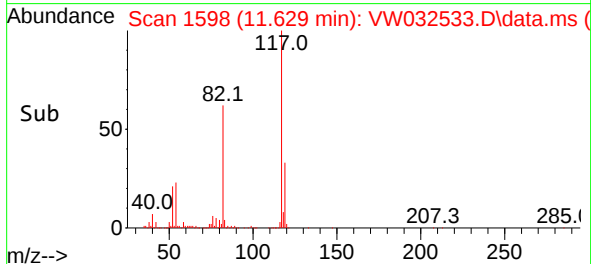
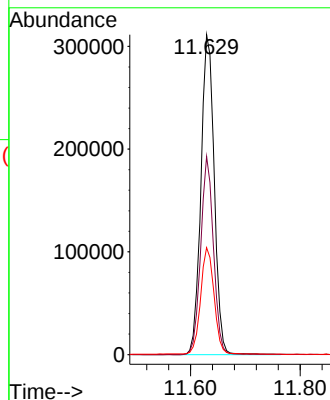
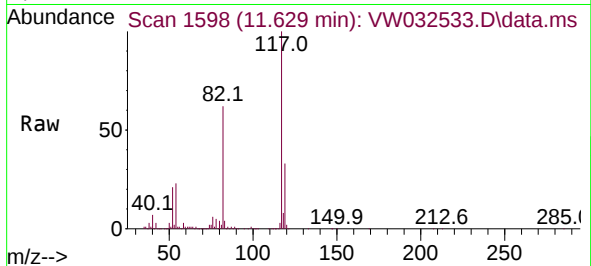




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032533.D
Acq: 25 Nov 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10A

Tgt Ion:117 Resp: 525721
Ion Ratio Lower Upper
117 100
82 61.9 43.0 64.4
119 33.2 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: VW032533.D
Acq: 25 Nov 2025 13:26

Tgt Ion:152 Resp: 234999
Ion Ratio Lower Upper
152 100
115 66.1 32.8 98.3
150 159.3 0.0 356.6

