

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032149.D
 Acq On : 28 Aug 2025 10:38
 Operator : SY/MD
 Sample : VW0828SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0828SBL01

Quant Time: Aug 29 01:15:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	179066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	345309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	329873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	130227	50.852	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	101.700%
35) Dibromofluoromethane	7.898	113	115711	47.762	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.520%
50) Toluene-d8	10.325	98	397149	46.697	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.617	95	144906	46.077	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	92.160%

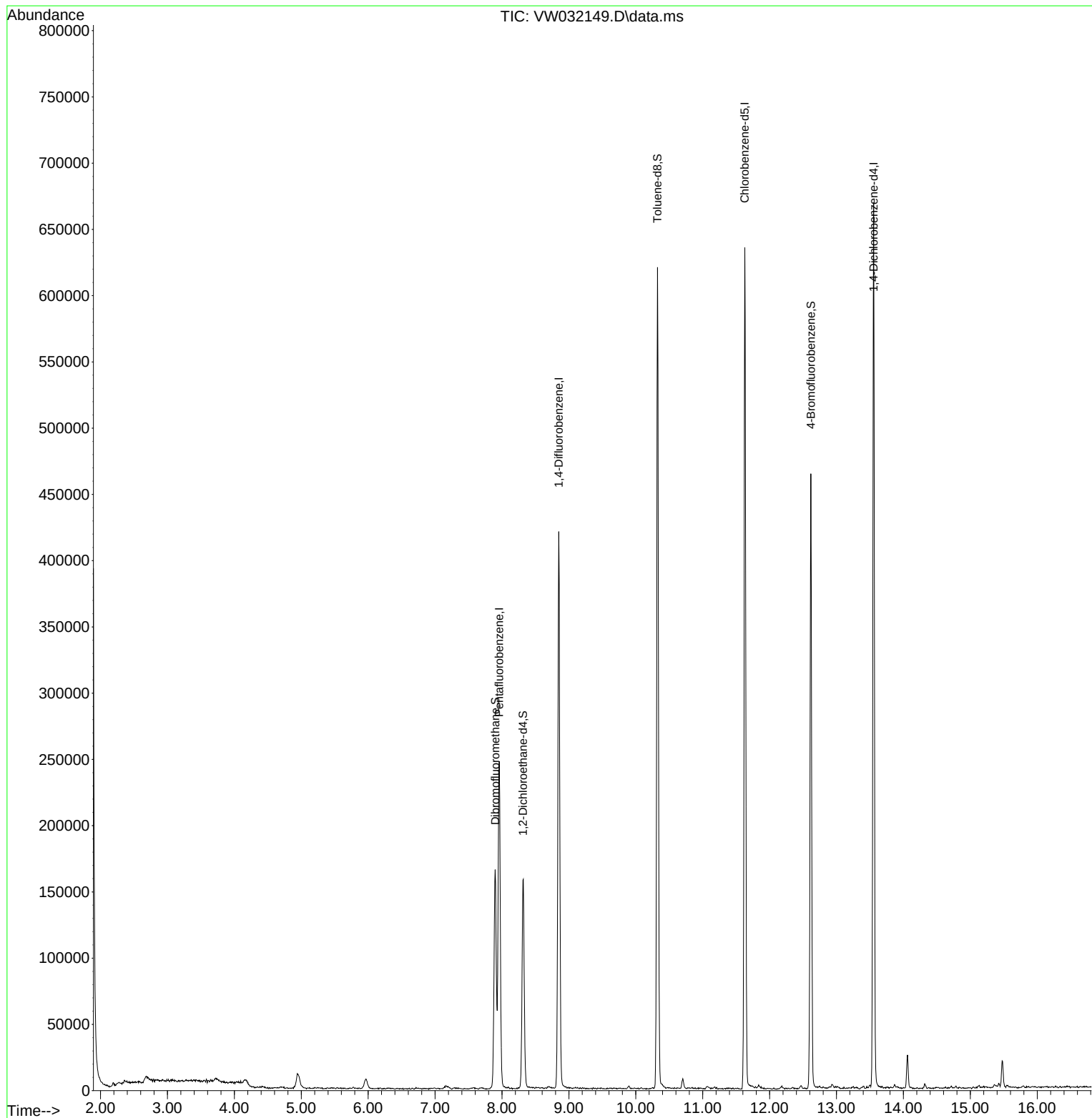
Target Compounds	Qvalue

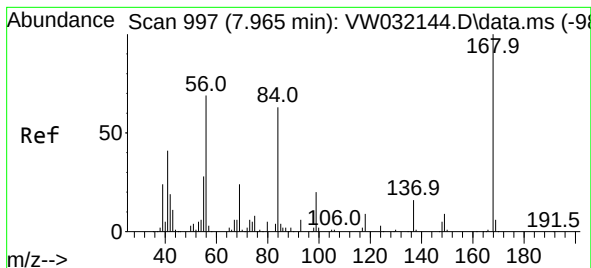
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW032149.D

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Instrument :

MSVOA_W

ClientSampleId :

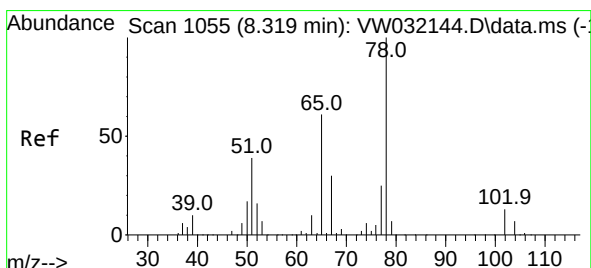
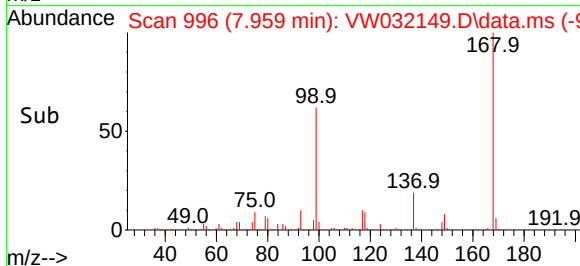
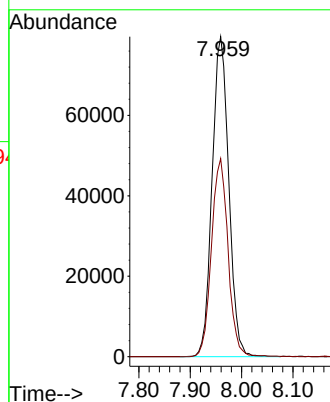
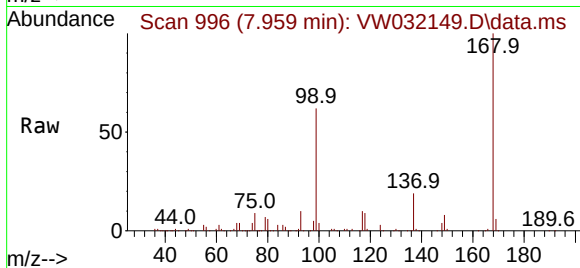
VW0828SBL01

Tgt Ion:168 Resp: 179066

Ion Ratio Lower Upper

168 100

99 61.9 49.3 73.9



#33

1,2-Dichloroethane-d4

Concen: 50.852 ug/l

RT: 8.313 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VW032149.D

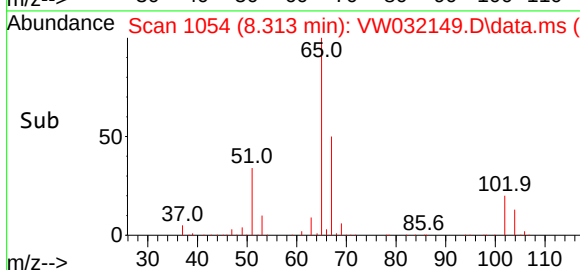
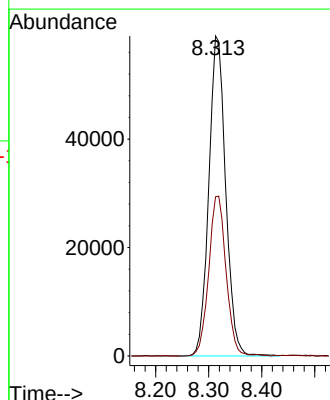
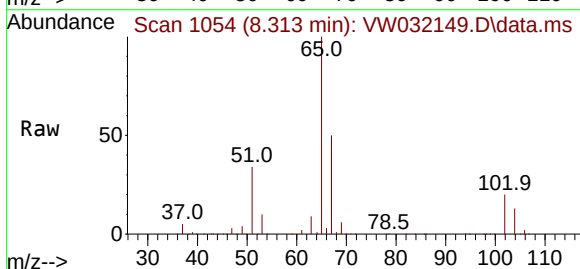
Acq: 28 Aug 2025 10:38

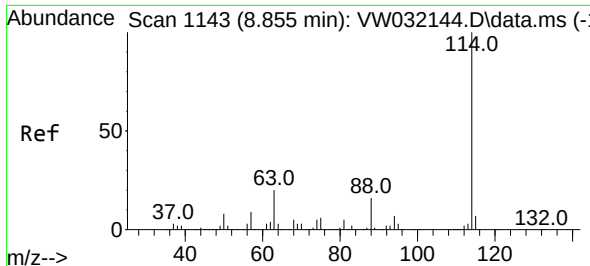
Tgt Ion: 65 Resp: 130227

Ion Ratio Lower Upper

65 100

67 51.2 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW032149.D

Acq: 28 Aug 2025 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0828SBL01

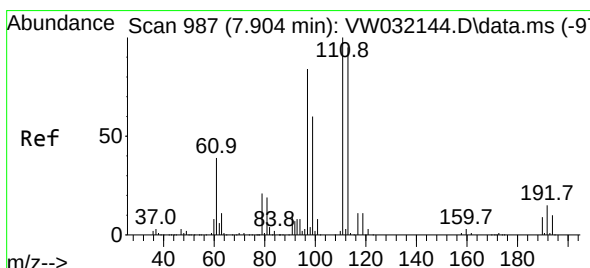
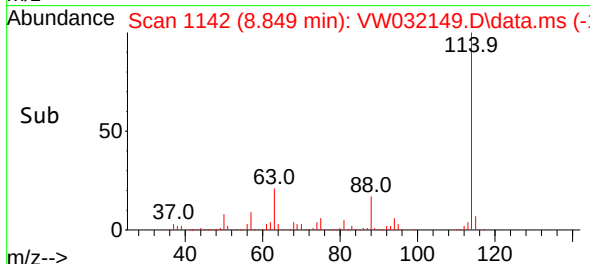
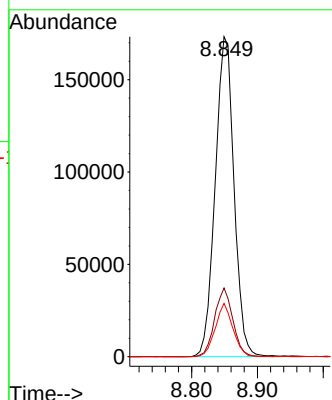
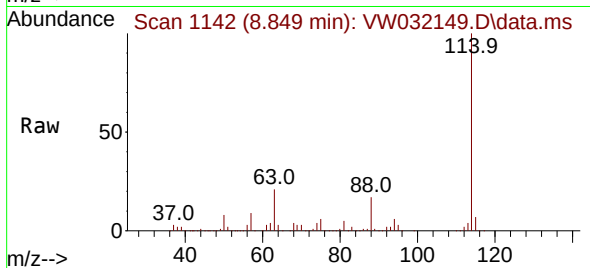
Tgt Ion:114 Resp: 345309

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.762 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032149.D

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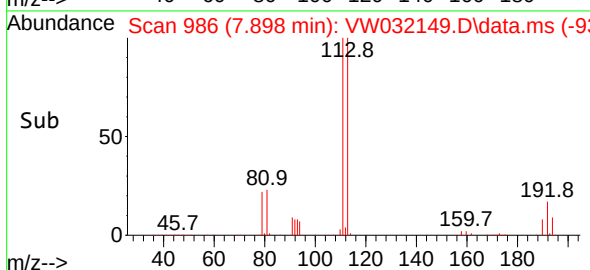
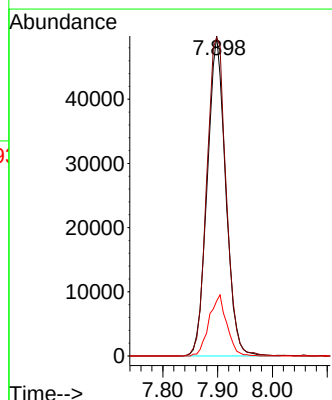
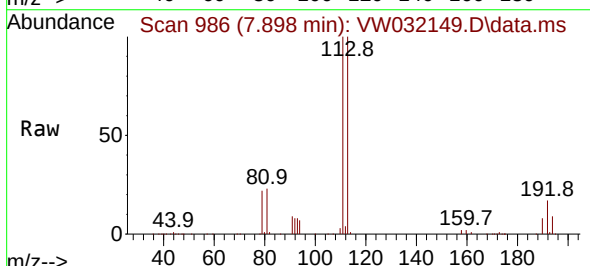
Tgt Ion:113 Resp: 115711

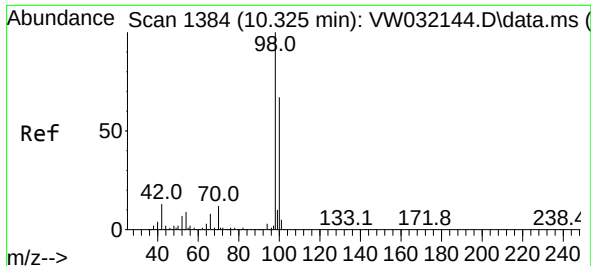
Ion Ratio Lower Upper

113 100

111 104.2 83.9 125.9

192 18.4 14.6 21.8

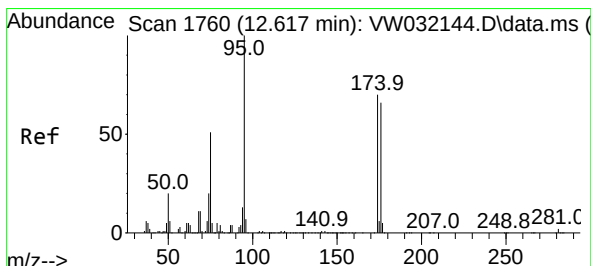
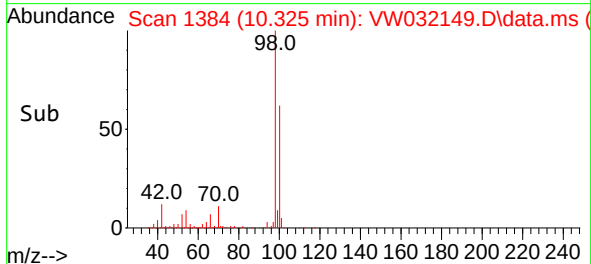
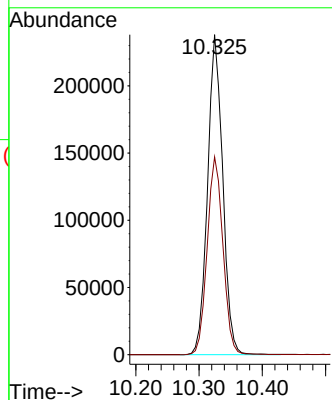
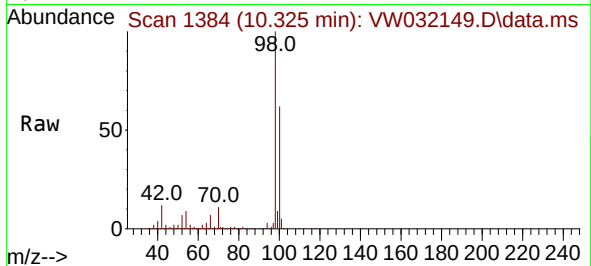




#50
Toluene-d8
Concen: 46.697 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 10:38

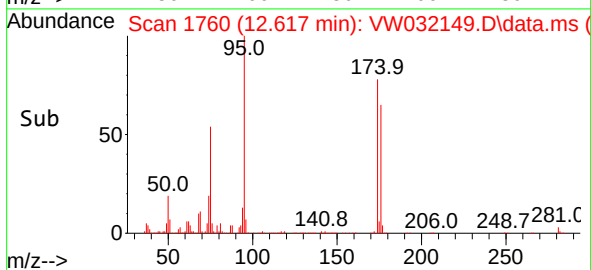
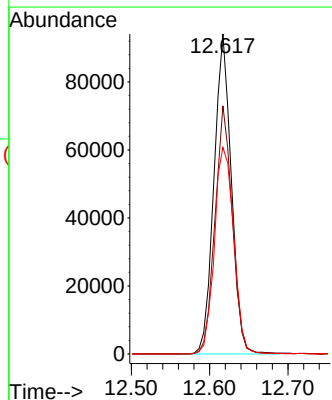
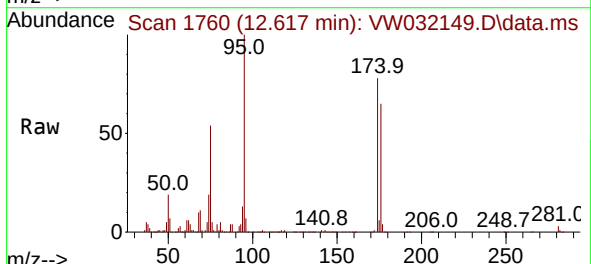
Instrument :
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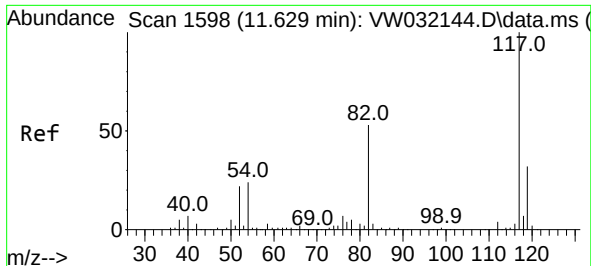
Tgt Ion: 98 Resp: 397149
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 46.077 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 10:38

Tgt Ion: 95 Resp: 144906
Ion Ratio Lower Upper
95 100
174 77.8 0.0 145.6
176 71.9 0.0 140.8

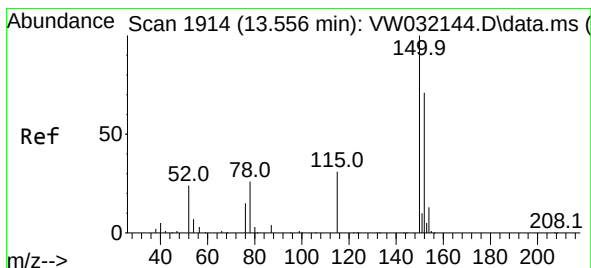
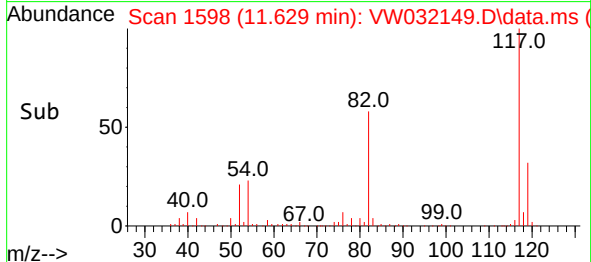
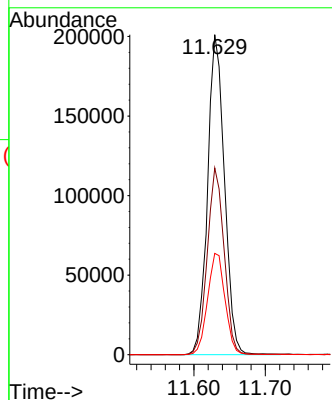
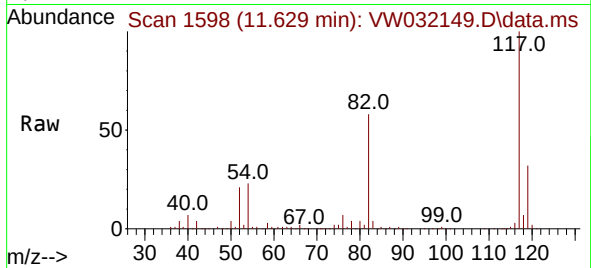




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032149.D
Acq: 28 Aug 2025 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0828SBL01

Tgt Ion:117 Resp: 329873
Ion Ratio Lower Upper
117 100
82 58.3 42.7 64.1
119 31.6 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: VW032149.D
Acq: 28 Aug 2025 10:38

Tgt Ion:152 Resp: 164773
Ion Ratio Lower Upper
152 100
115 61.5 31.8 95.4
150 160.5 0.0 343.0

