

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078155.D
 Acq On : 15 Jan 2024 10:26
 Operator : RP/MD
 Sample : VD0115SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0115SBL01

Quant Time: Jan 16 00:32:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	144596	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	297796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	304193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83727	55.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.810	113	98071	45.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.380%
50) Toluene-d8	10.275	98	379220	52.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.575	95	119004	47.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.000%

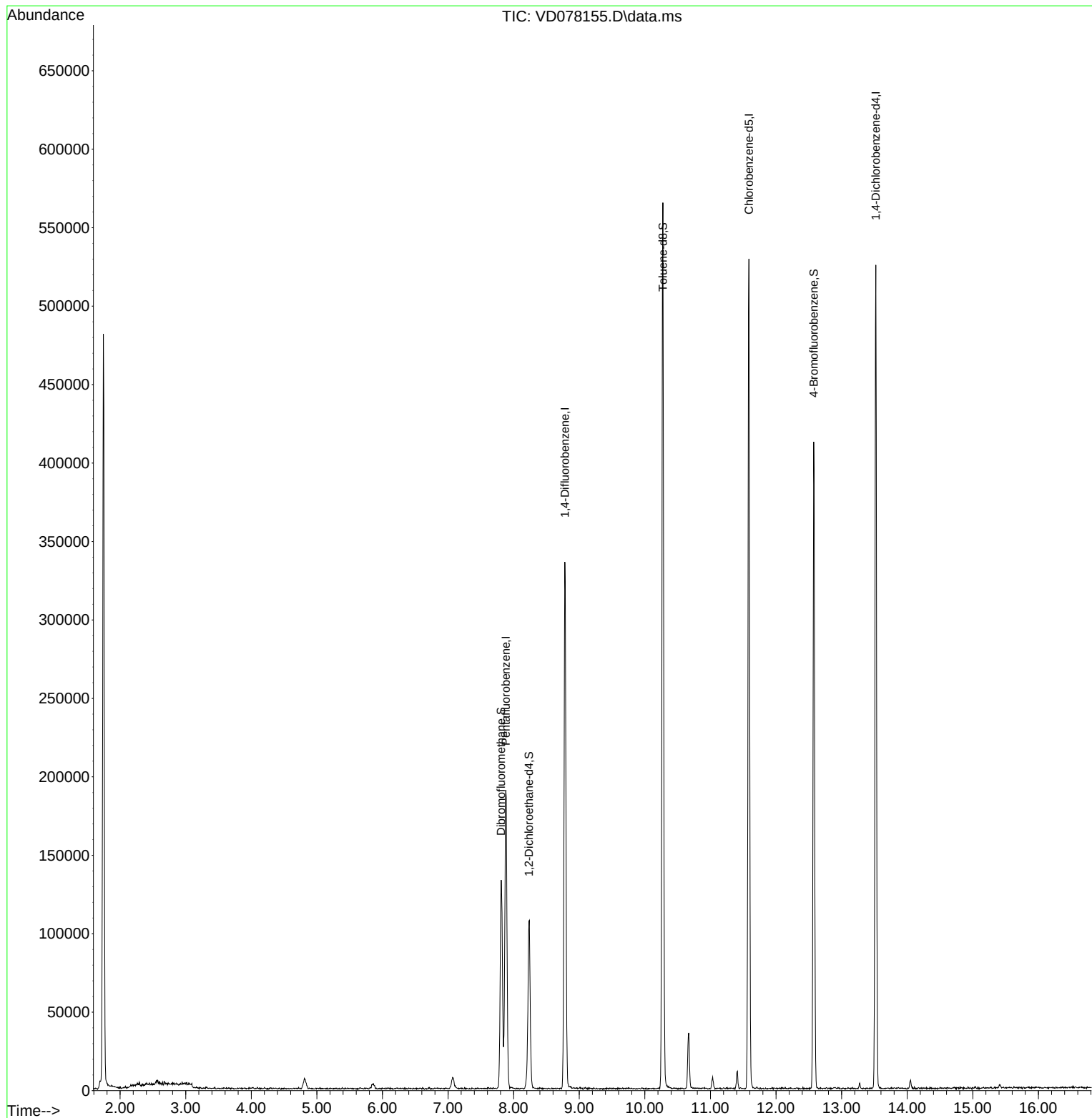
Target Compounds	Qvalue

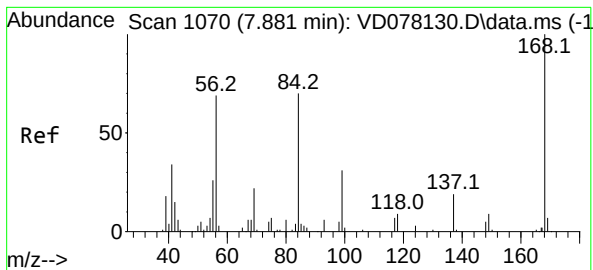
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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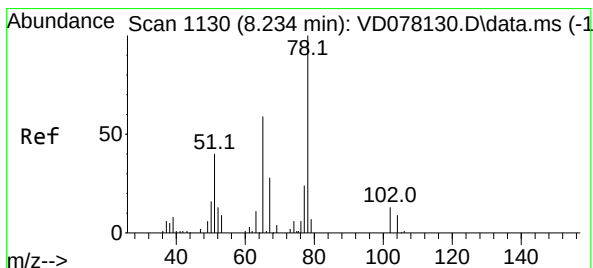
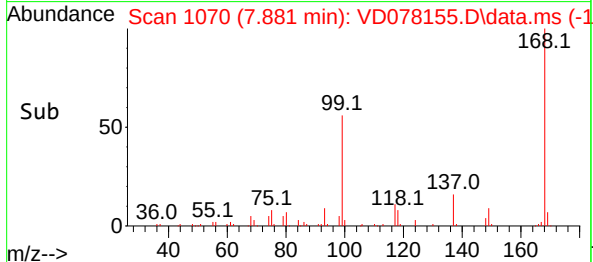
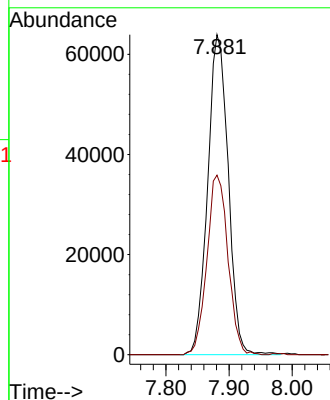
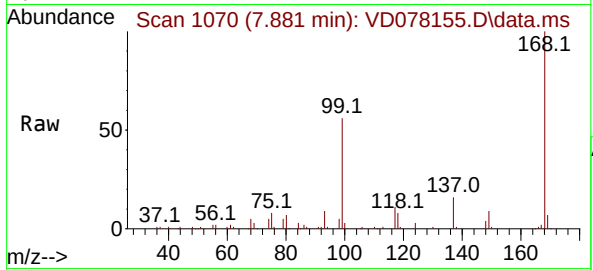




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078155.D
Acq: 15 Jan 2024 10:26

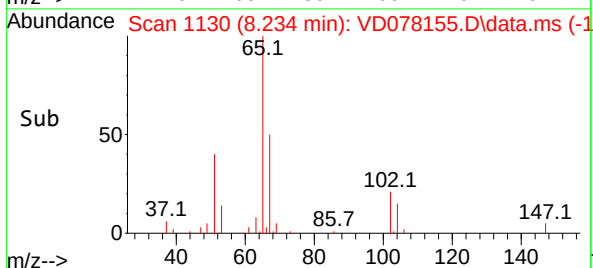
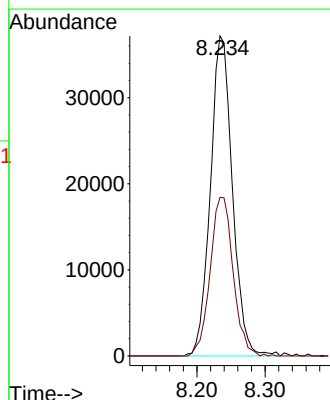
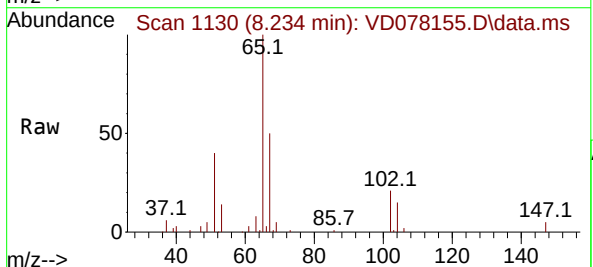
Instrument :
MSVOA_D
ClientSampleId :
VD0115SBL01

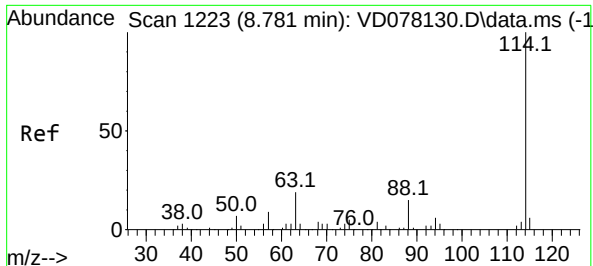
Tgt Ion:168 Resp: 144596
Ion Ratio Lower Upper
168 100
99 56.1 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 55.001 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078155.D
Acq: 15 Jan 2024 10:26

Tgt Ion: 65 Resp: 83727
Ion Ratio Lower Upper
65 100
67 51.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078155.D

Acq: 15 Jan 2024 10:26

Instrument :

MSVOA_D

ClientSampleId :

VD0115SBL01

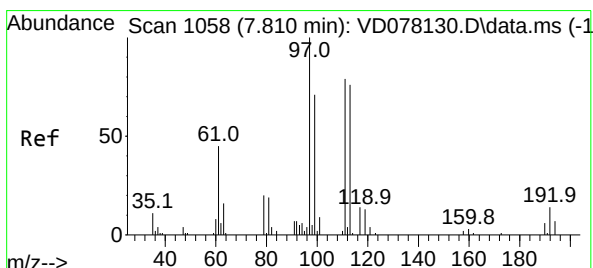
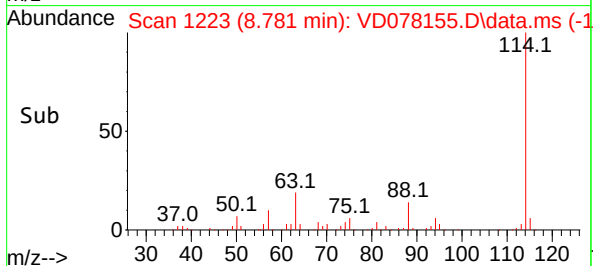
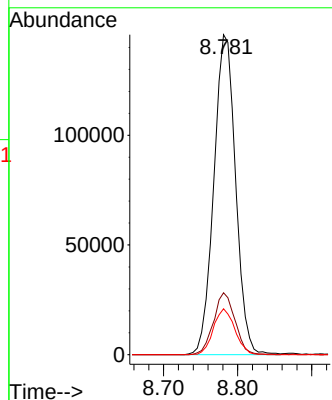
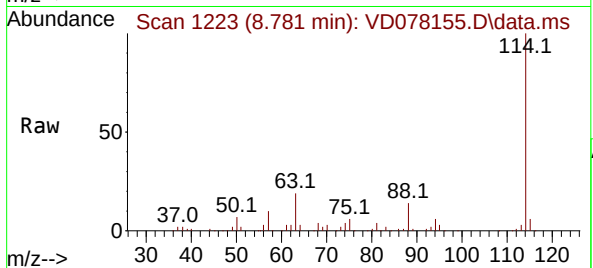
Tgt Ion:114 Resp: 297796

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.695 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078155.D

Acq: 15 Jan 2024 10:26

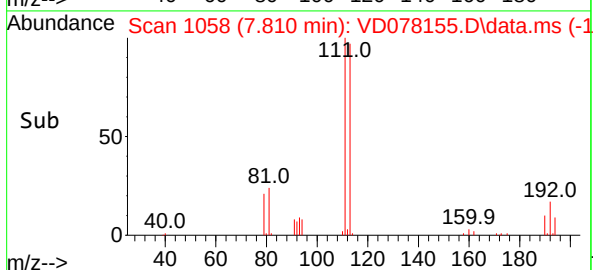
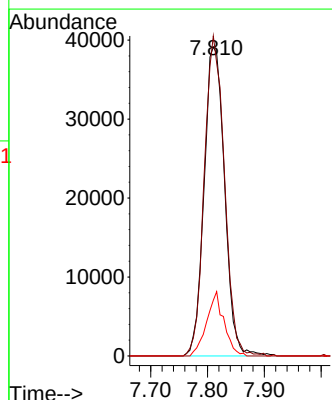
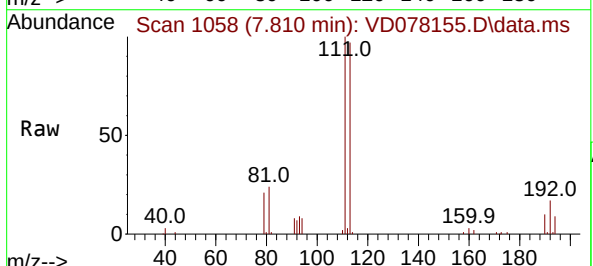
Tgt Ion:113 Resp: 98071

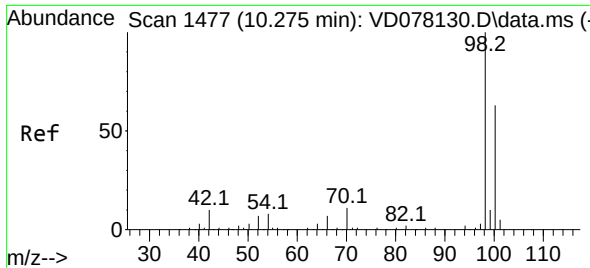
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 17.6 16.8 25.2

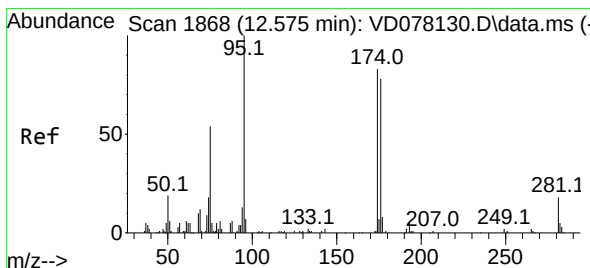
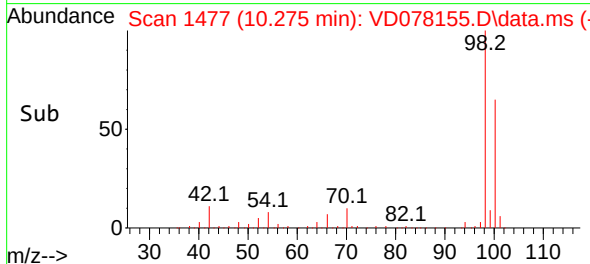
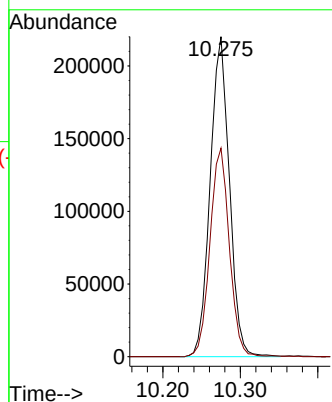
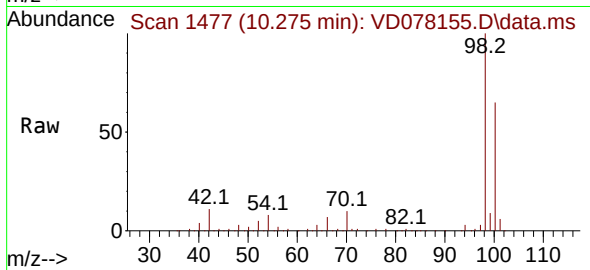




#50
Toluene-d8
Concen: 52.686 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD078155.D
Acq: 15 Jan 2024 10:26

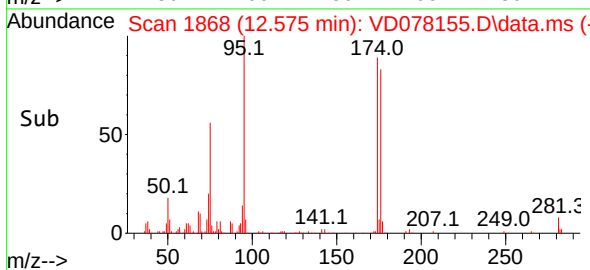
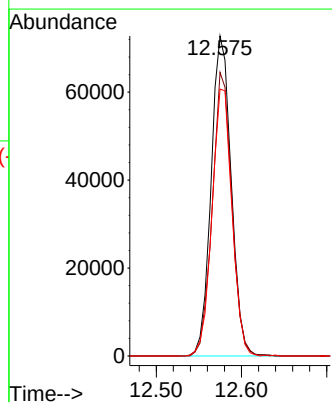
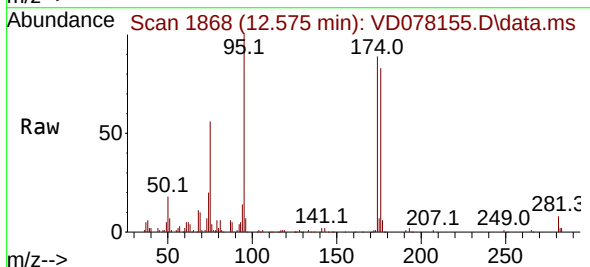
Instrument :
MSVOA_D
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VD0115SBL01

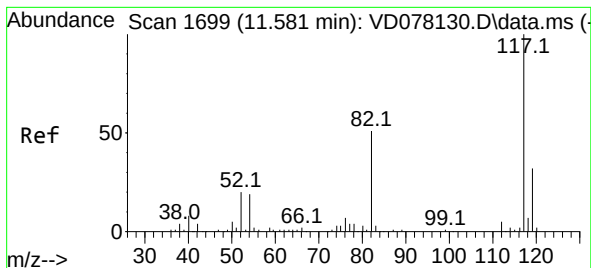
Tgt Ion: 98 Resp: 379220
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.495 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078155.D
Acq: 15 Jan 2024 10:26

Tgt Ion: 95 Resp: 119004
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 83.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078155.D

Acq: 15 Jan 2024 10:26

Instrument :

MSVOA_D

ClientSampleId :

VD0115SBL01

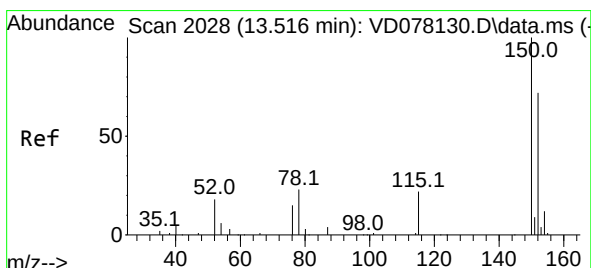
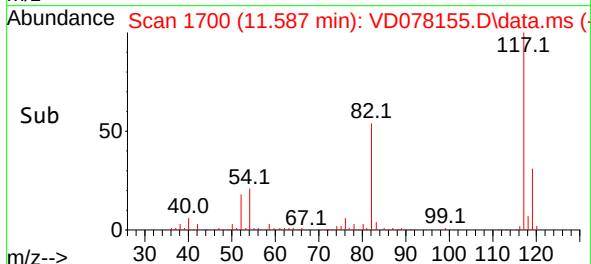
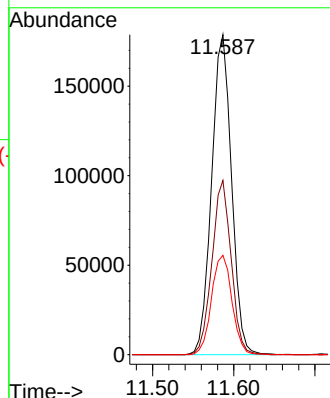
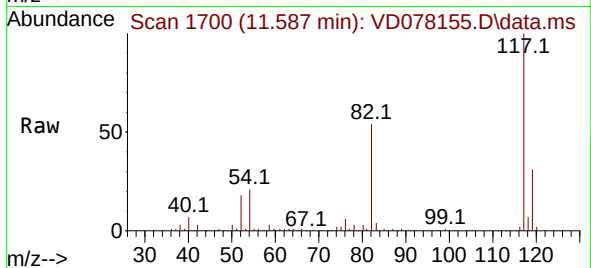
Tgt Ion:117 Resp: 304193

Ion Ratio Lower Upper

117 100

82 54.5 38.3 57.5

119 31.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078155.D

Acq: 15 Jan 2024 10:26

Tgt Ion:152 Resp: 134868

Ion Ratio Lower Upper

152 100

115 60.1 27.1 81.3

150 158.3 0.0 353.6

