

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078001.D
 Acq On : 20 Dec 2023 17:43
 Operator : RP/MD
 Sample : 05796-07RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-04-14-15RE

Quant Time: Dec 21 05:26:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	170434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	309743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79210	39.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.880%
35) Dibromofluoromethane	7.804	113	91986	42.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.800%
50) Toluene-d8	10.269	98	386026	44.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.575	95	110397	42.493	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.980%

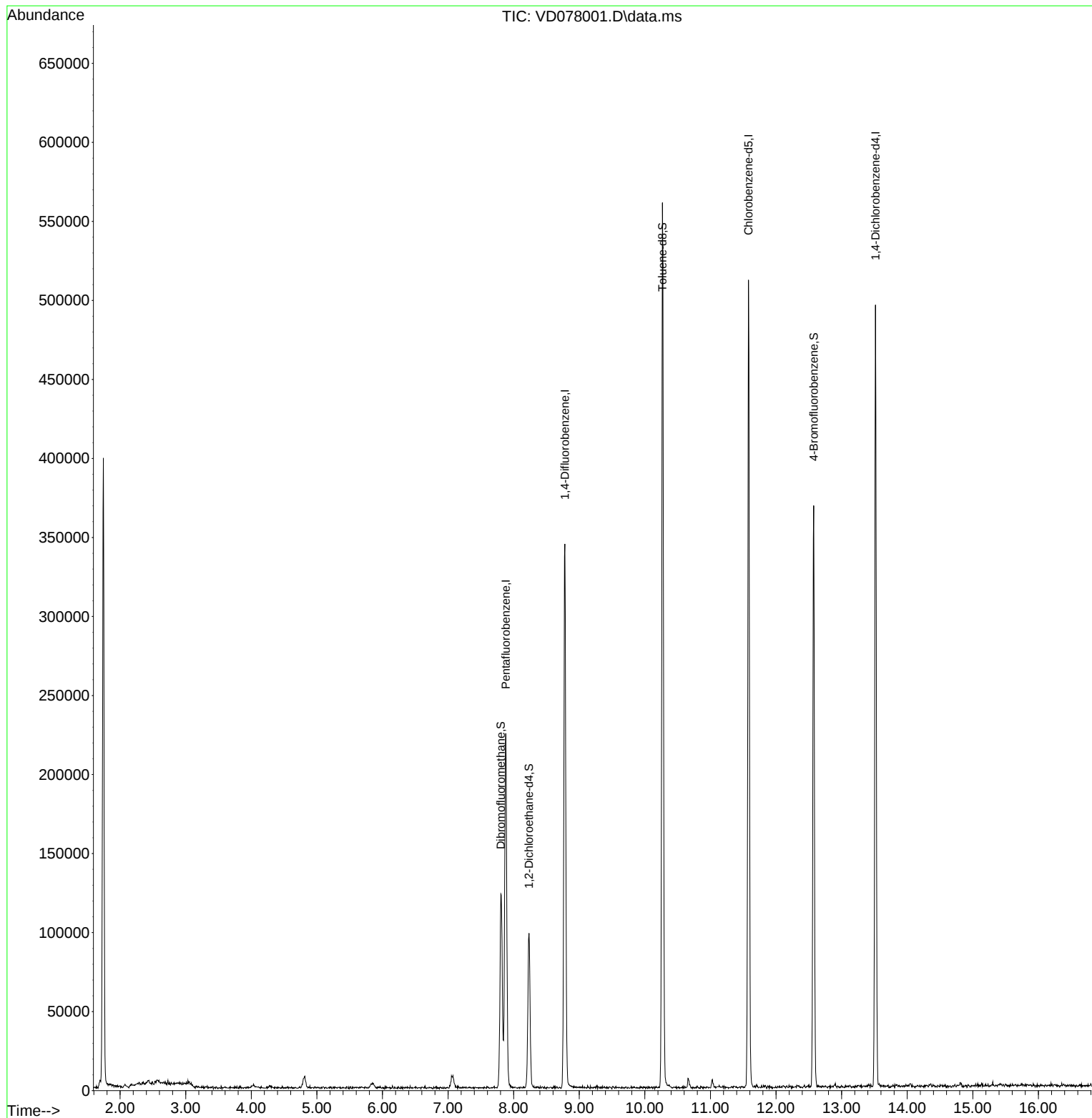
Target Compounds	Qvalue

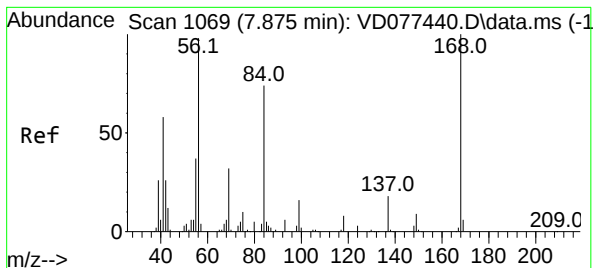
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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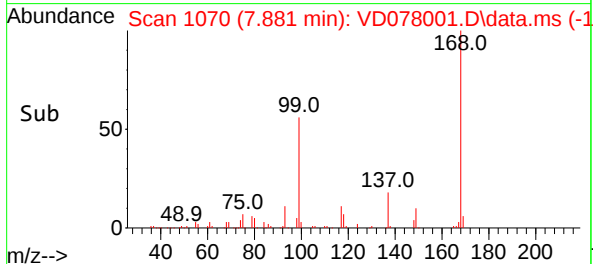
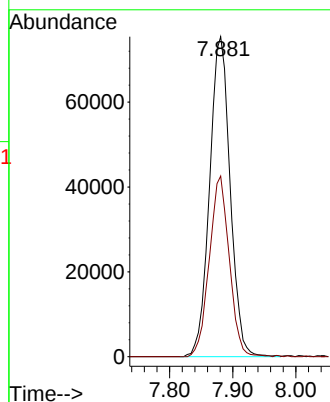
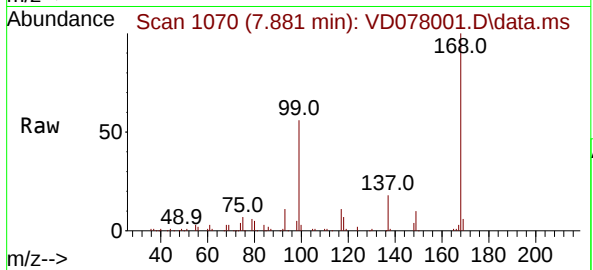




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078001.D
Acq: 20 Dec 2023 17:43

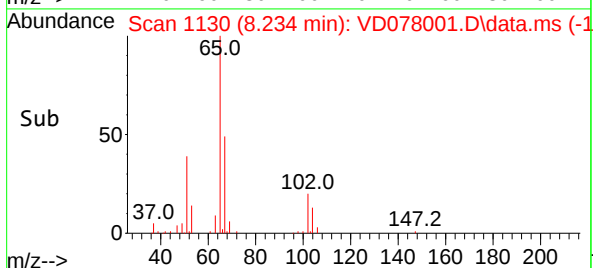
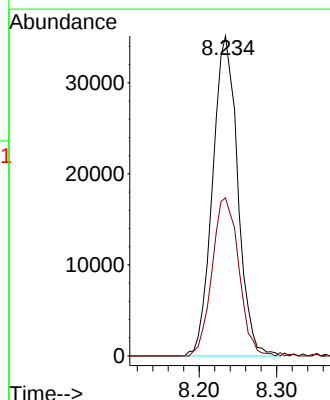
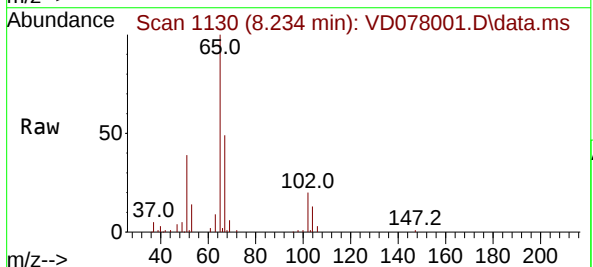
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-04-14-15RE

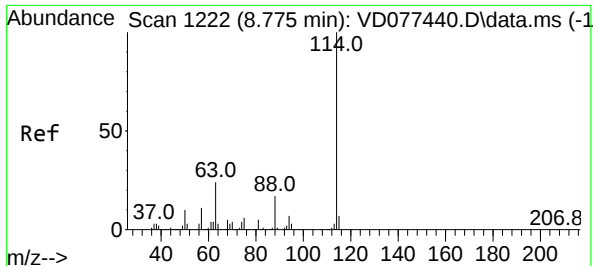
Tgt Ion:168 Resp: 170434
Ion Ratio Lower Upper
168 100
99 56.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 39.441 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078001.D
Acq: 20 Dec 2023 17:43

Tgt Ion: 65 Resp: 79210
Ion Ratio Lower Upper
65 100
67 52.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078001.D

Acq: 20 Dec 2023 17:43

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-14-15RE

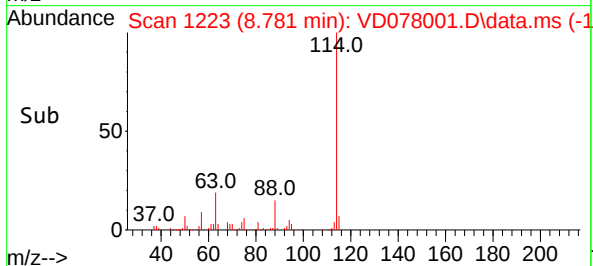
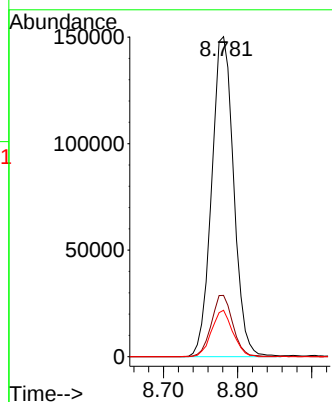
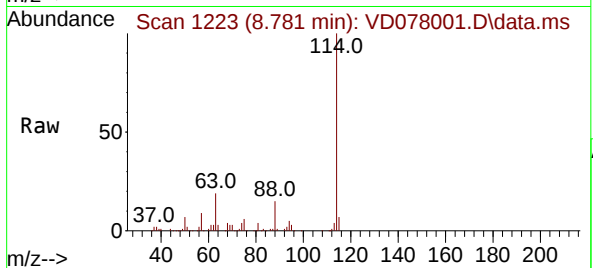
Tgt Ion:114 Resp: 309743

Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 14.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.397 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078001.D

Acq: 20 Dec 2023 17:43

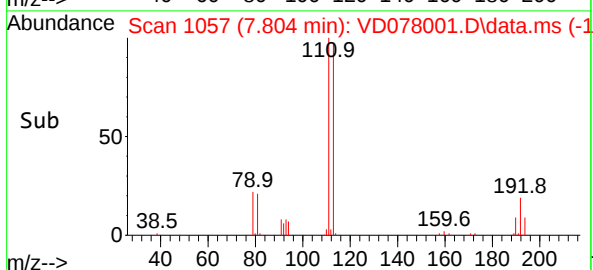
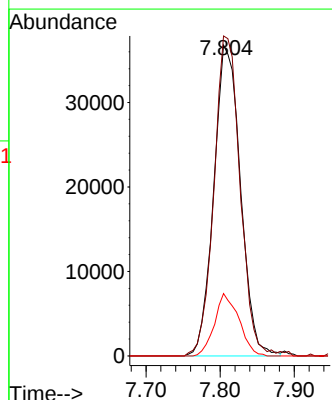
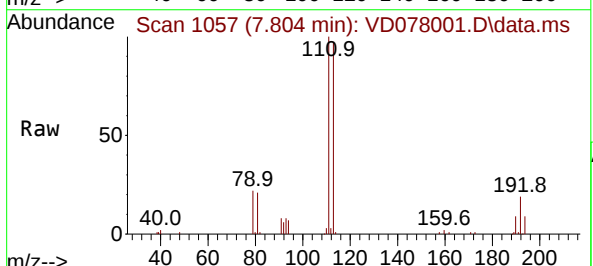
Tgt Ion:113 Resp: 91986

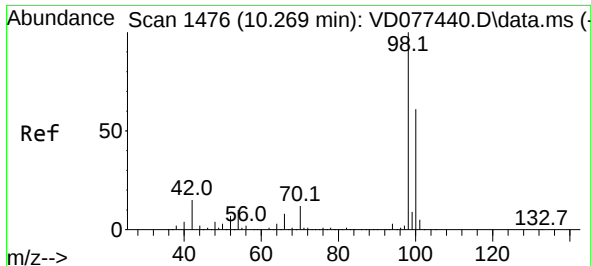
Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 18.3 16.8 25.2

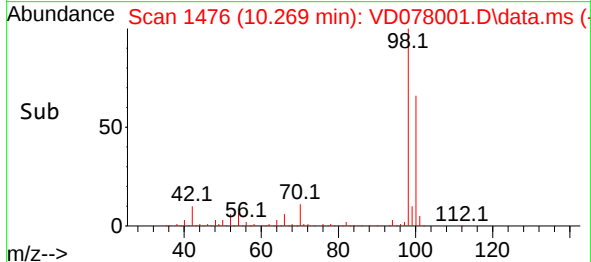
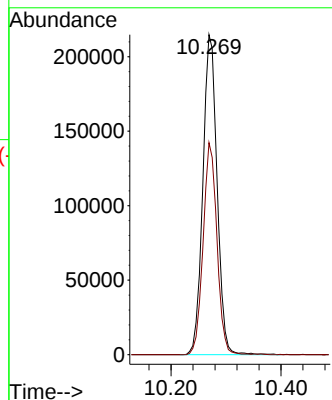
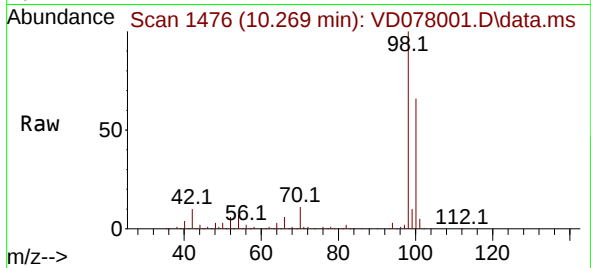




#50
Toluene-d8
Concen: 44.423 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078001.D
Acq: 20 Dec 2023 17:43

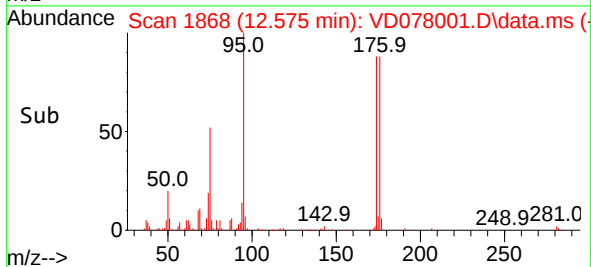
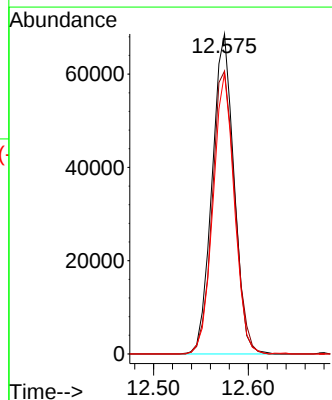
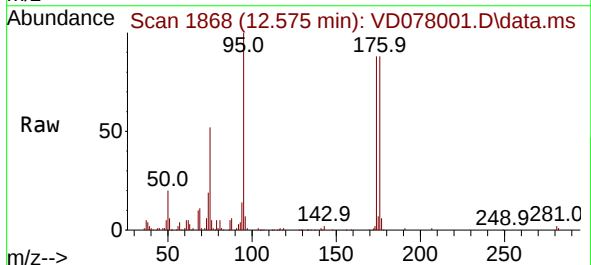
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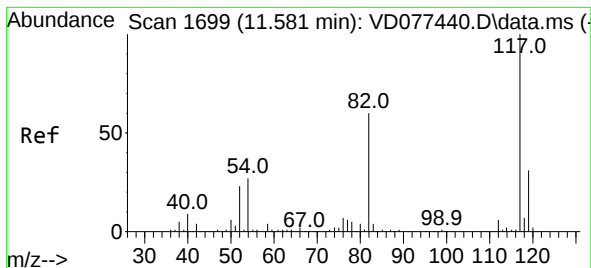
Tgt Ion: 98 Resp: 386026
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.493 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078001.D
Acq: 20 Dec 2023 17:43

Tgt Ion: 95 Resp: 110397
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.8
176 85.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078001.D

Acq: 20 Dec 2023 17:43

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-04-14-15RE

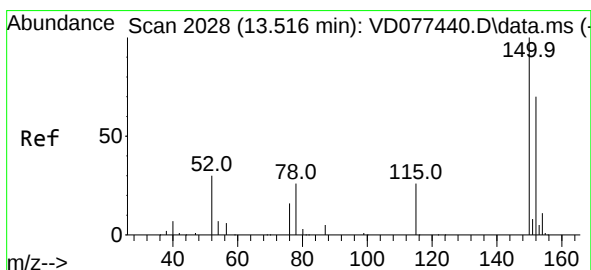
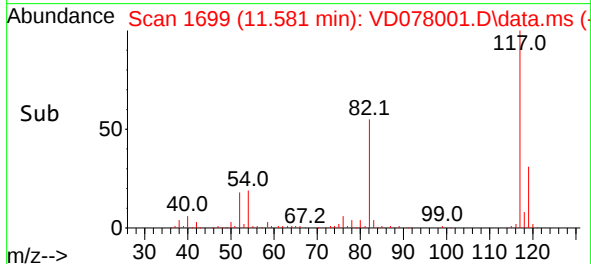
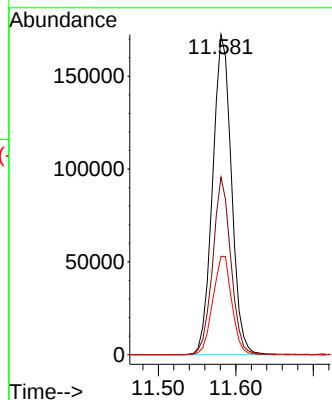
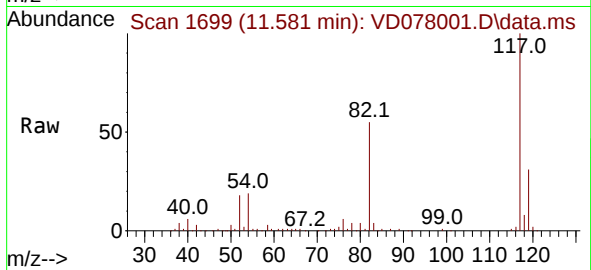
Tgt Ion:117 Resp: 291744

Ion Ratio Lower Upper

117 100

82 55.4 38.3 57.5

119 30.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078001.D

Acq: 20 Dec 2023 17:43

Tgt Ion:152 Resp: 130131

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 153.8 0.0 353.6

