

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077839.D
 Acq On : 12 Dec 2023 13:57
 Operator : JC/SY
 Sample : 05699-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ELM-N7THSTREET-DRUMS-SOIL

Quant Time: Dec 12 14:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	19436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.787	114	37519	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.587	117	41589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15994	69.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.680%
35) Dibromofluoromethane	7.805	113	13203	50.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.269	98	49377	46.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.575	95	16625	52.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.660%

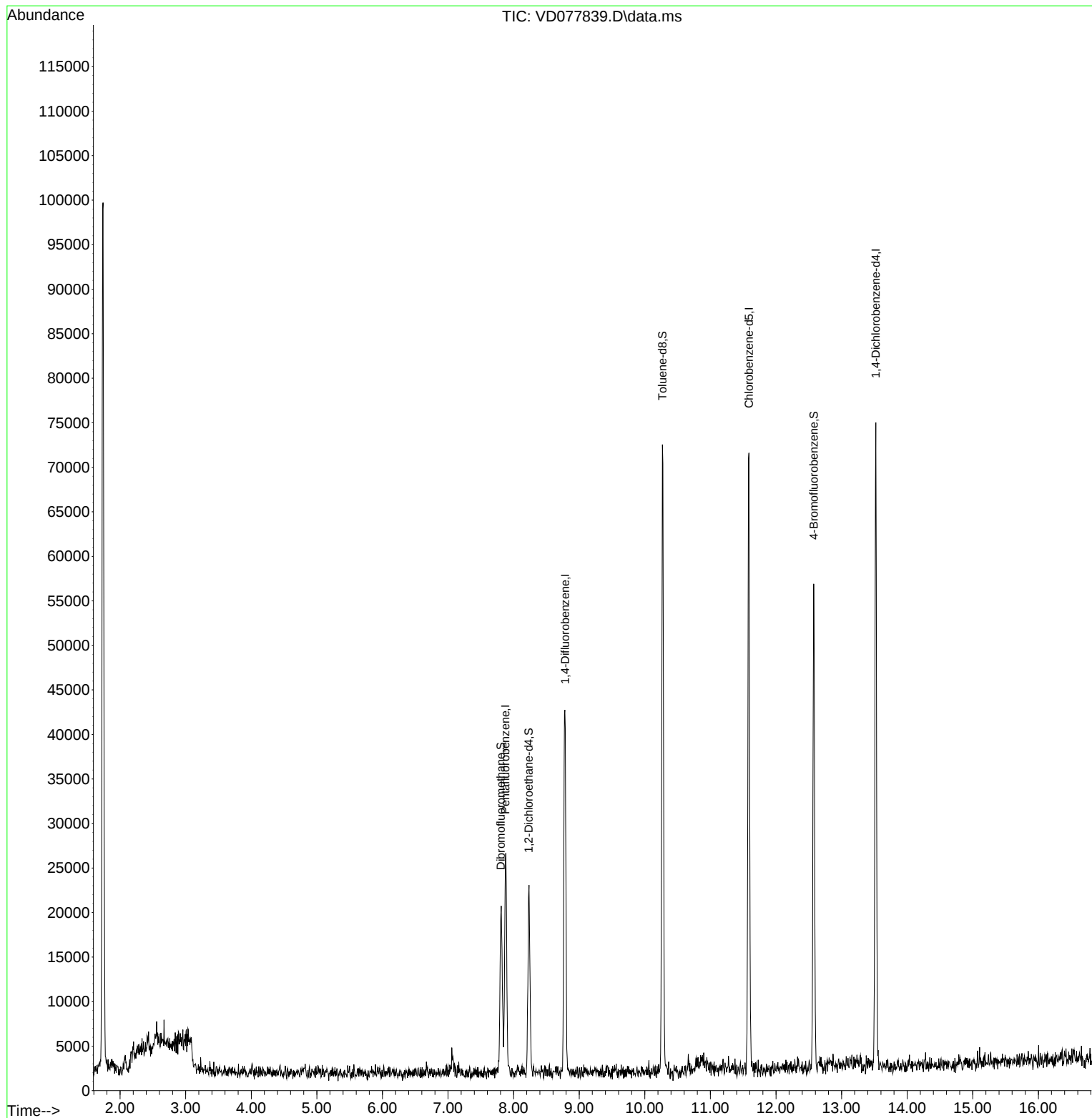
Target Compounds	Qvalue

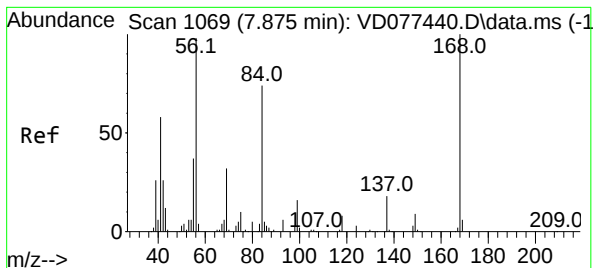
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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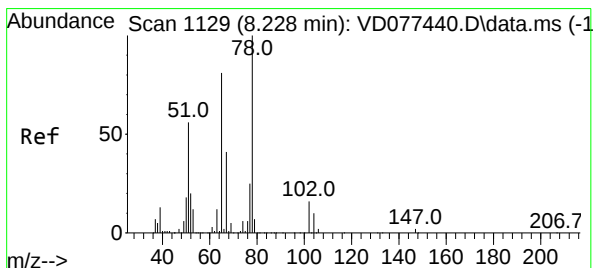
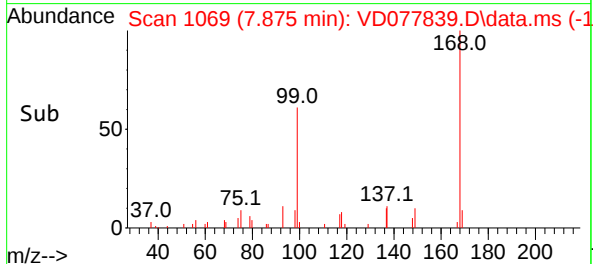
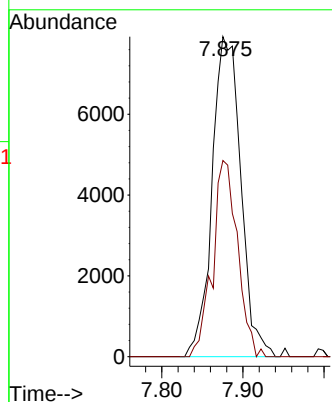
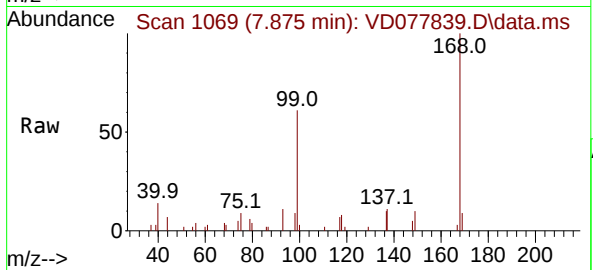




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077839.D
Acq: 12 Dec 2023 13:57

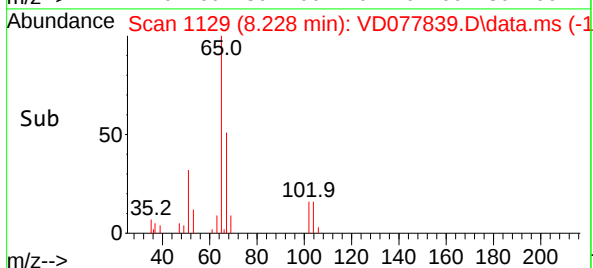
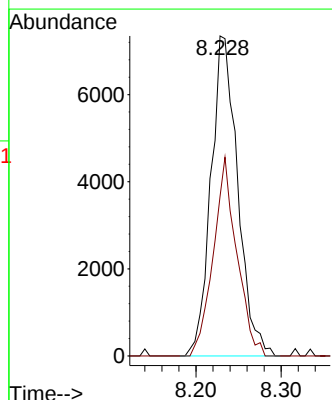
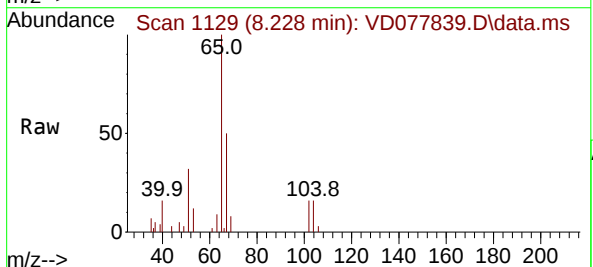
Instrument :
MSVOA_D
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOIL

Tgt Ion:168 Resp: 19436
Ion Ratio Lower Upper
168 100
99 61.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 69.835 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077839.D
Acq: 12 Dec 2023 13:57

Tgt Ion: 65 Resp: 15994
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.787 min Scan# 114

Delta R.T. 0.012 min

Lab File: VD077839.D

Acq: 12 Dec 2023 13:57

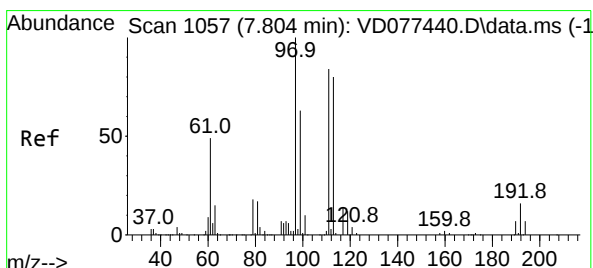
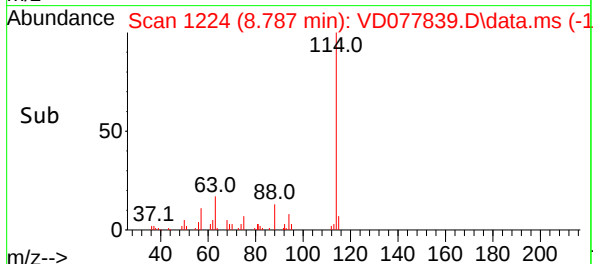
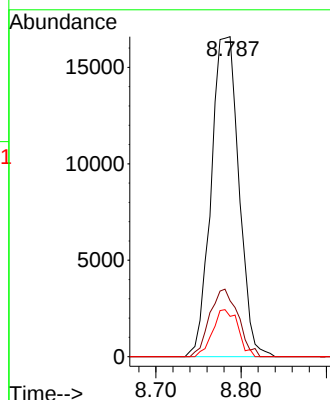
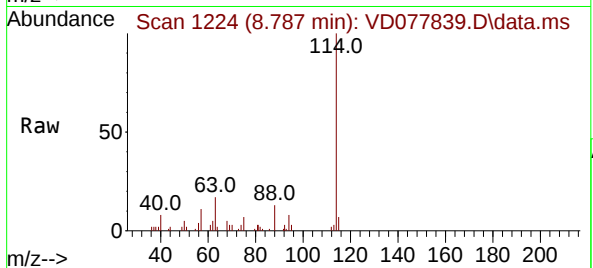
Instrument :

MSVOA_D

ClientSampleId :

ELM-N7THSTREET-DRUMS-SOIL

Tgt Ion:	114	Resp:	37519
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	33.4
88	12.6	0.0	26.2



#35

Dibromofluoromethane

Concen: 50.238 ug/l

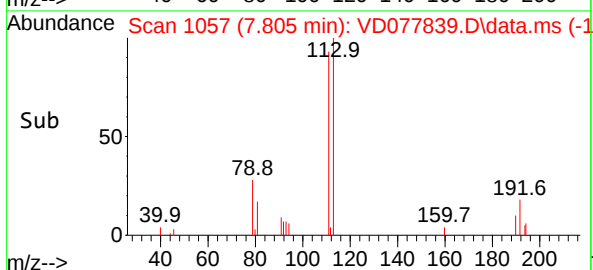
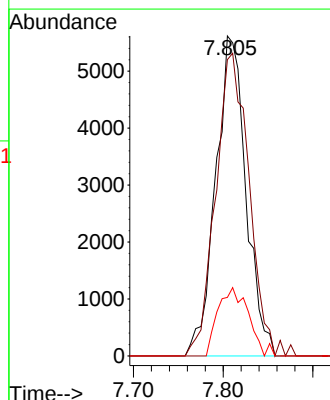
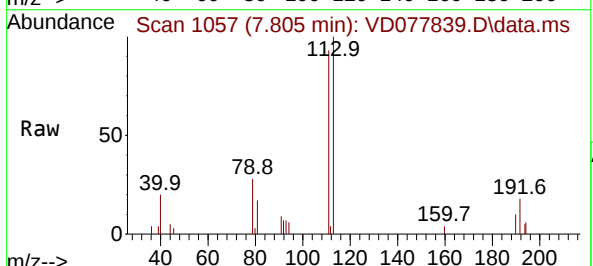
RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077839.D

Acq: 12 Dec 2023 13:57

Tgt Ion:	113	Resp:	13203
Ion Ratio	Lower	Upper	
113	100		
111	104.3	84.7	127.1
192	21.5	16.8	25.2

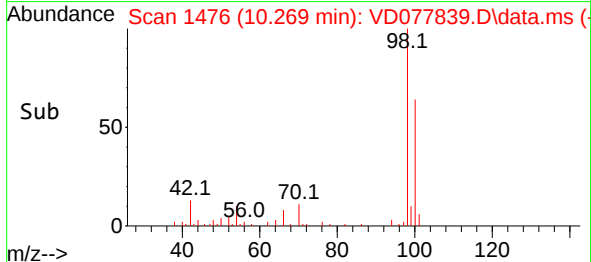
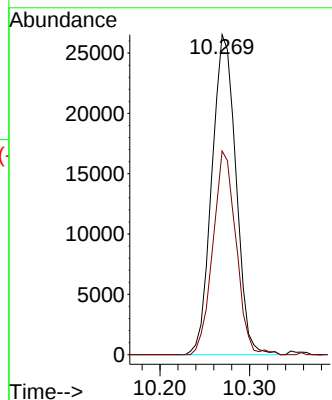
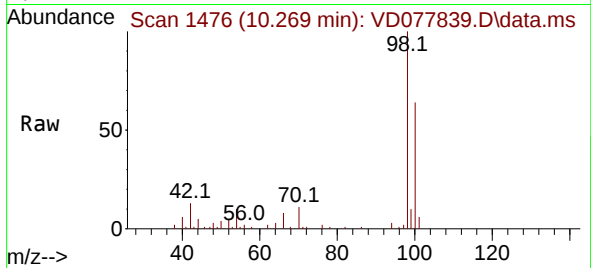




#50
Toluene-d8
Concen: 46.910 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077839.D
Acq: 12 Dec 2023 13:57

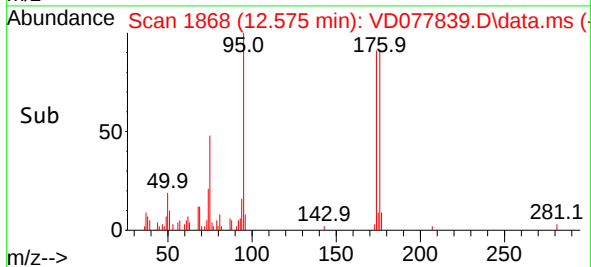
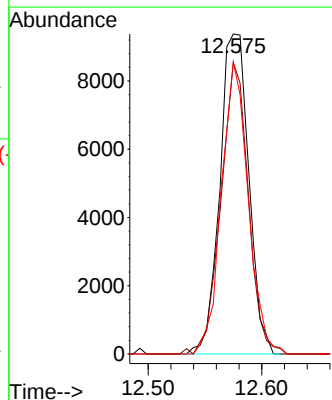
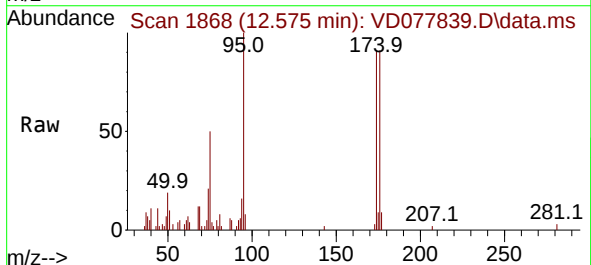
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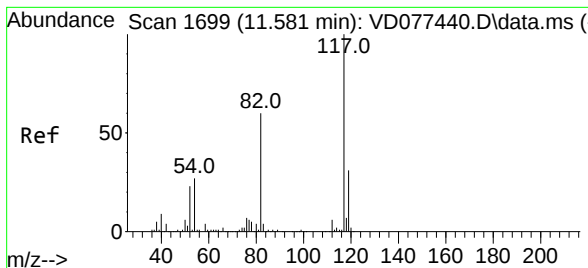
Tgt Ion: 98 Resp: 49377
Ion Ratio Lower Upper
98 100
100 61.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.829 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077839.D
Acq: 12 Dec 2023 13:57

Tgt Ion: 95 Resp: 16625
Ion Ratio Lower Upper
95 100
174 85.7 0.0 201.8
176 84.5 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: VD077839.D

Acq: 12 Dec 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

ELM-N7THSTREET-DRUMS-SOIL

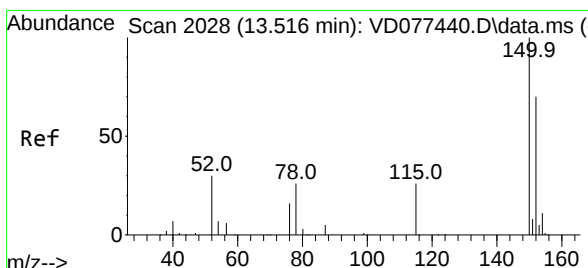
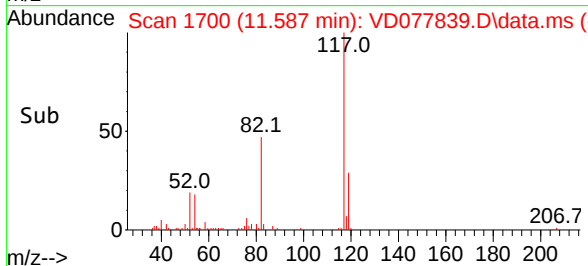
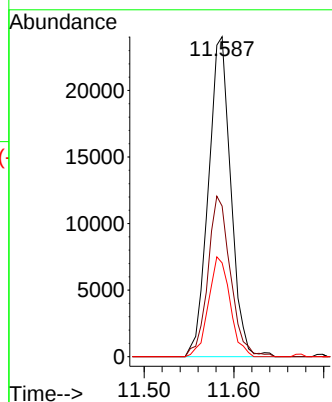
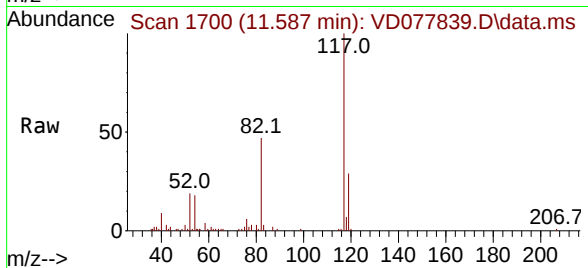
Tgt Ion:117 Resp: 41589

Ion Ratio Lower Upper

117 100

82 47.1 38.3 57.5

119 29.3 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: VD077839.D

Acq: 12 Dec 2023 13:57

Tgt Ion:152 Resp: 18797

Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.3

150 159.9 0.0 353.6

