

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075136.D
 Acq On : 19 Jan 2023 12:45
 Operator : KP/SY
 Sample : VD0119SBL03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0119SBL03

Quant Time: Jan 20 00:36:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	96403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	185095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	78573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54257	55.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.805	113	60641	49.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.269	98	248841	52.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.575	95	77566	51.119	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.240%

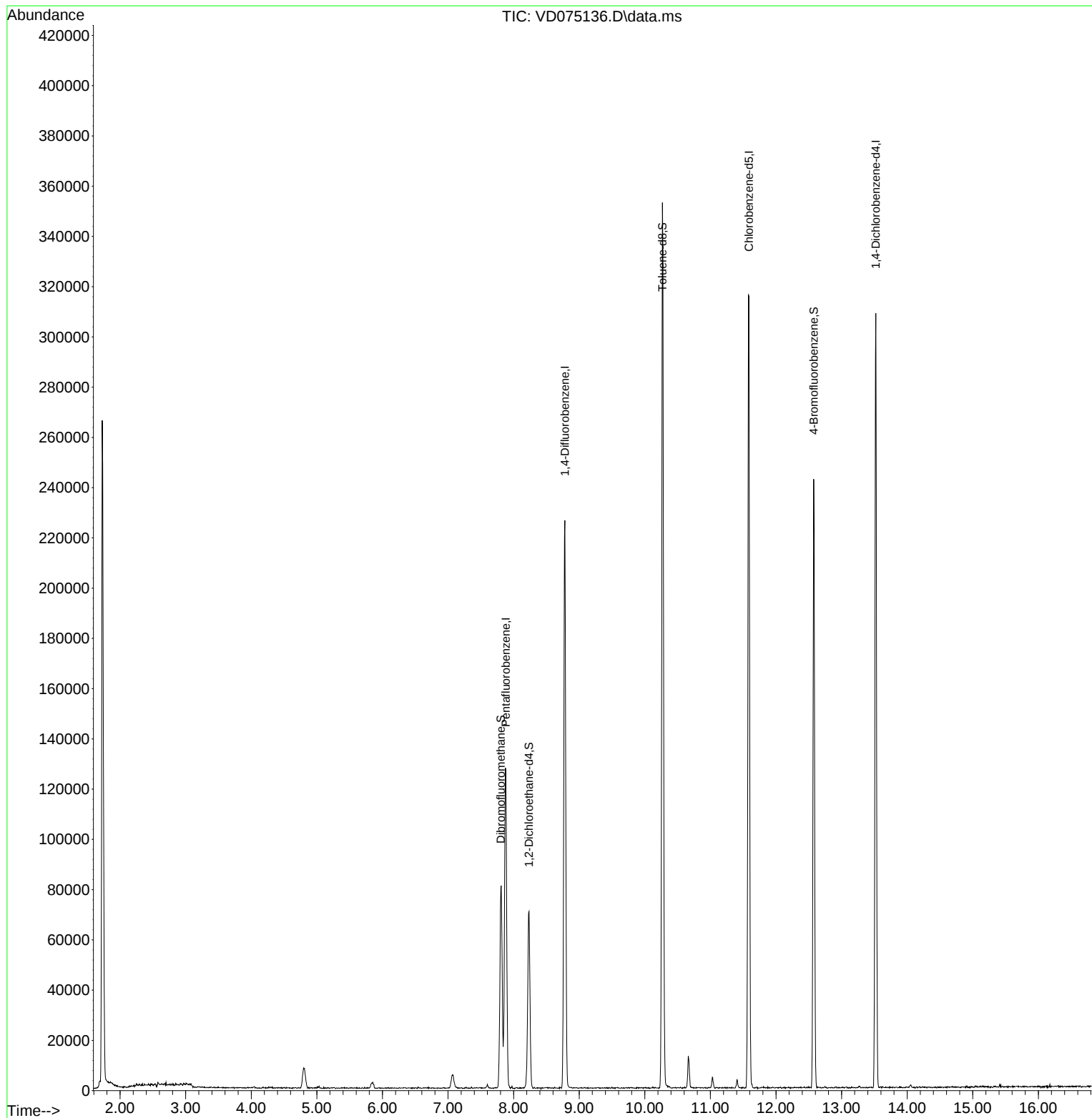
Target Compounds	Qvalue

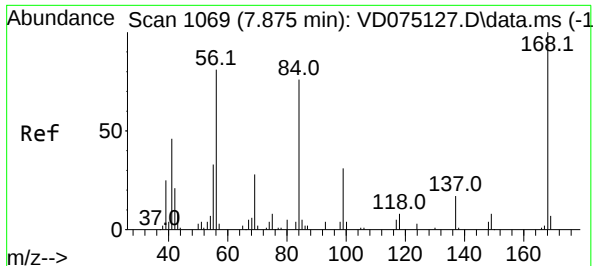
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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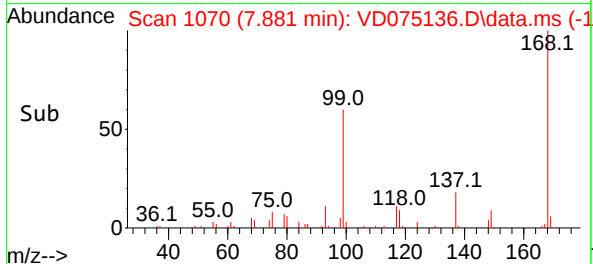
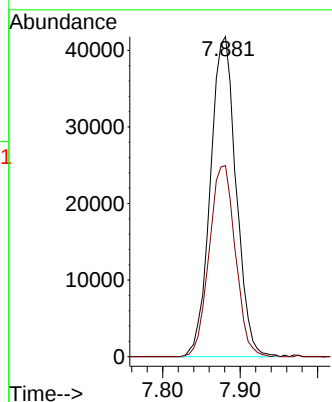
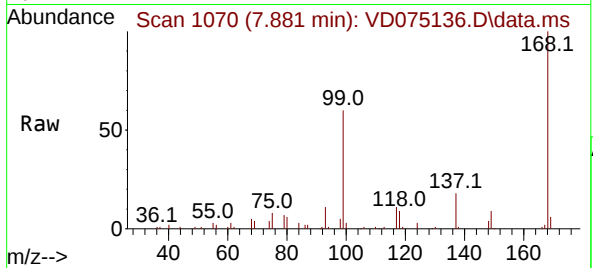




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

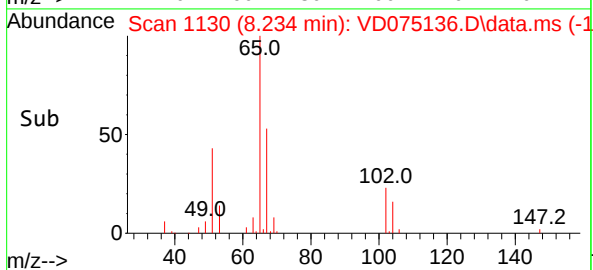
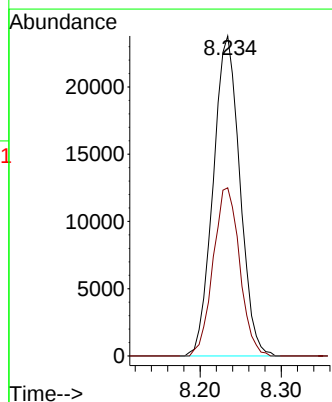
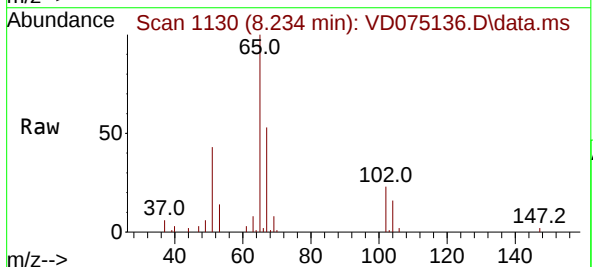
Instrument :
MSVOA_D
ClientSampleId :
VD0119SBL03

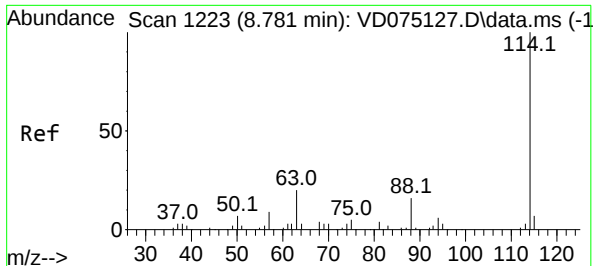
Tgt Ion:168 Resp: 96403
Ion Ratio Lower Upper
168 100
99 59.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 55.155 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 65 Resp: 54257
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075136.D

Acq: 19 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

VD0119SBL03

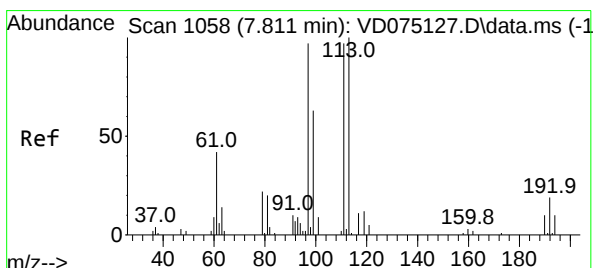
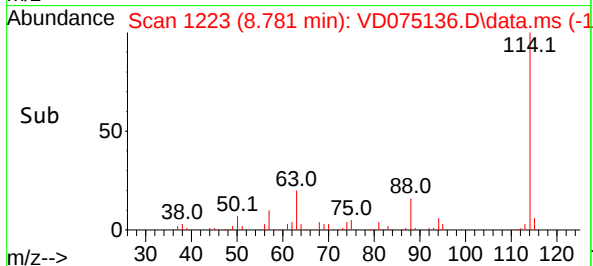
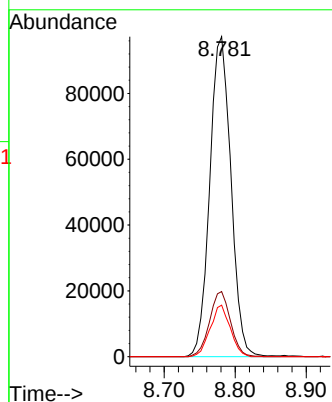
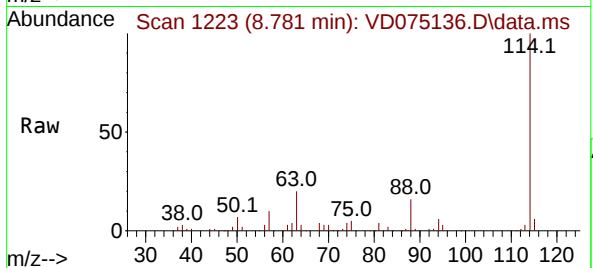
Tgt Ion:114 Resp: 200951

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.940 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075136.D

Acq: 19 Jan 2023 12:45

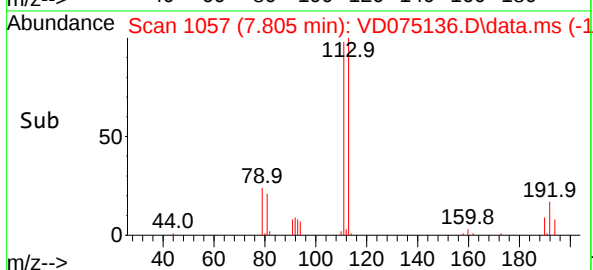
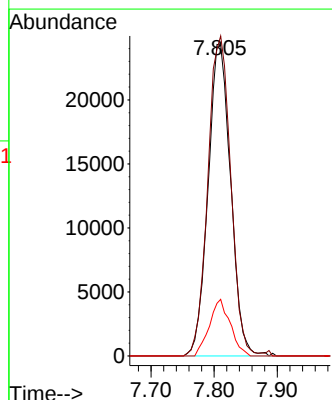
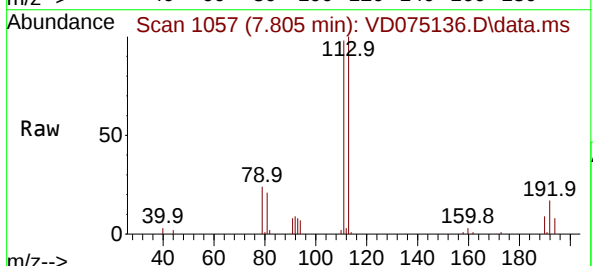
Tgt Ion:113 Resp: 60641

Ion Ratio Lower Upper

113 100

111 103.5 80.1 120.1

192 16.8 15.4 23.0

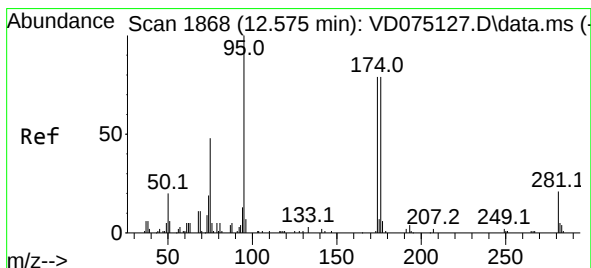
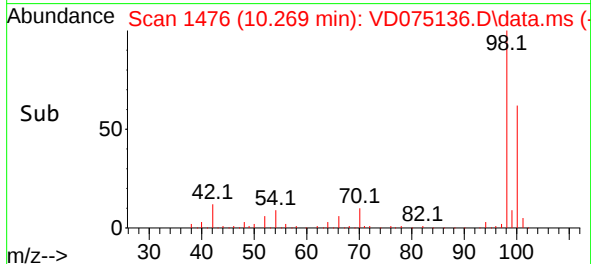
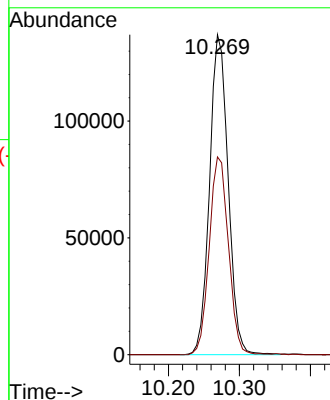
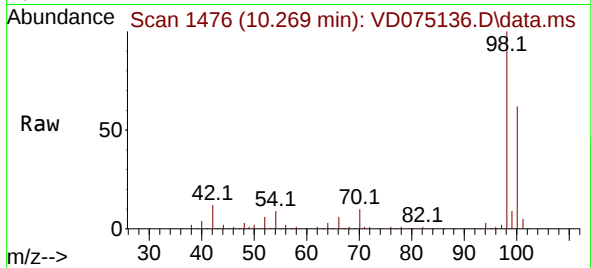




#50
Toluene-d8
Concen: 52.047 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

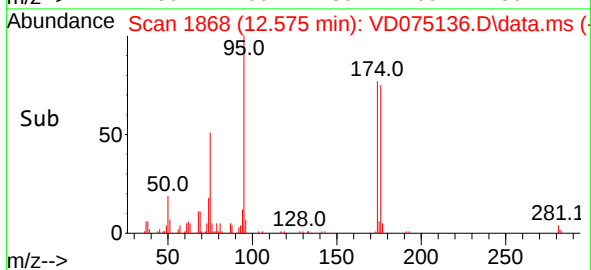
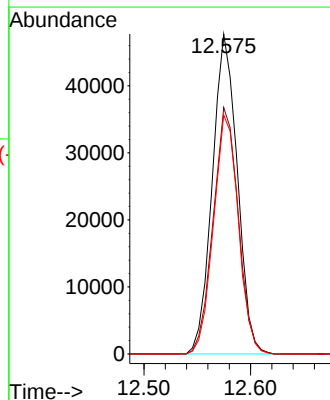
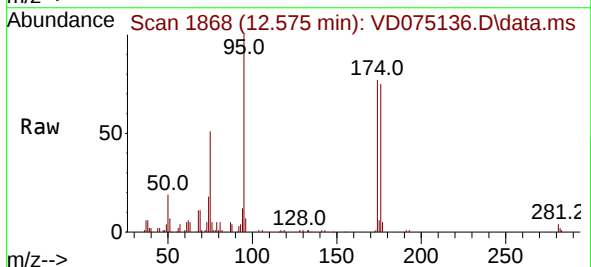
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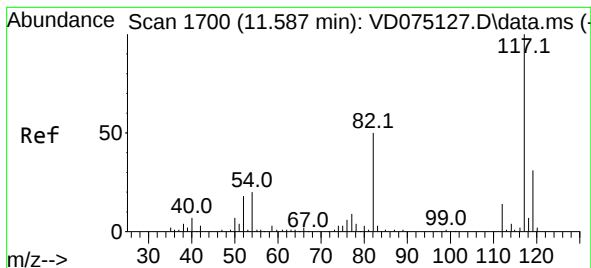
Tgt Ion: 98 Resp: 248841
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.119 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075136.D
Acq: 19 Jan 2023 12:45

Tgt Ion: 95 Resp: 77566
Ion Ratio Lower Upper
95 100
174 77.4 0.0 161.2
176 74.2 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075136.D

Acq: 19 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

VD0119SBL03

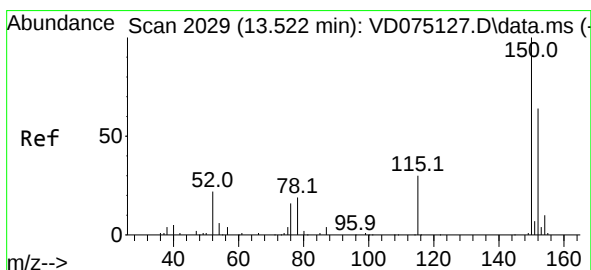
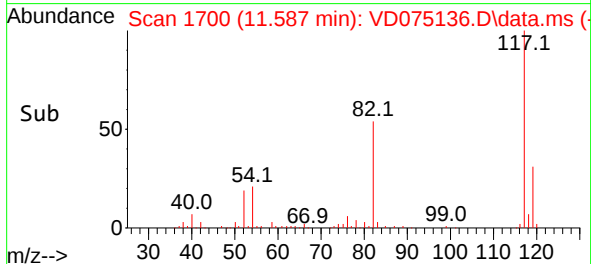
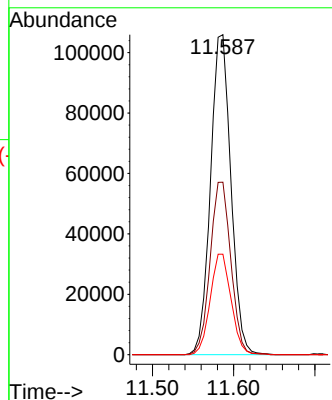
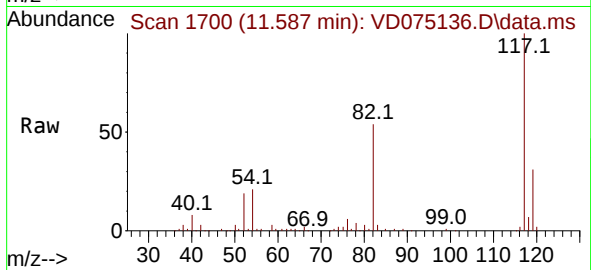
Tgt Ion:117 Resp: 185095

Ion Ratio Lower Upper

117 100

82 53.9 39.6 59.4

119 31.4 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075136.D

Acq: 19 Jan 2023 12:45

Tgt Ion:152 Resp: 78573

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.4

150 158.7 0.0 348.6

