

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075110.D
 Acq On : 10 Jan 2023 17:35
 Operator : KP/SY
 Sample : 01094-02
 Misc : 6.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-A-2

Quant Time: Jan 11 01:51:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	228034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75984	67.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.200%
35) Dibromofluoromethane	7.810	113	79596	50.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.269	98	306374	49.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.575	95	101106	50.617	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.240%

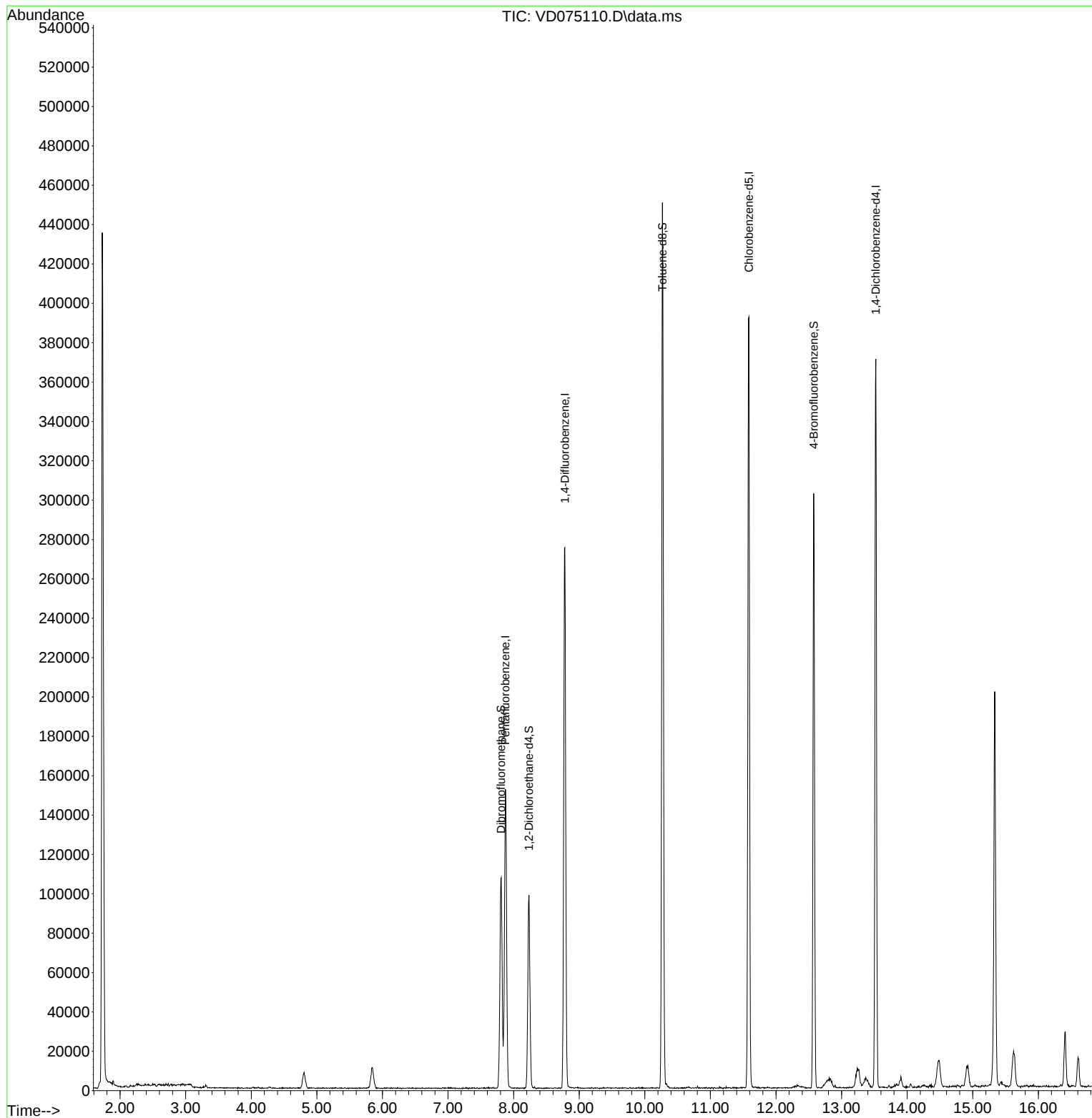
Target Compounds	Qvalue

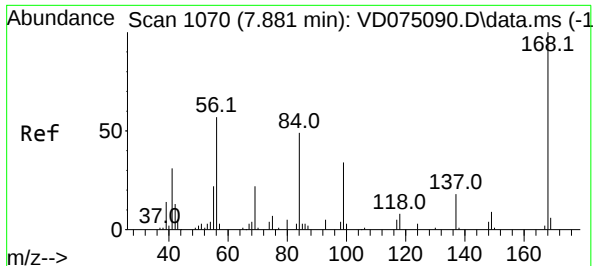
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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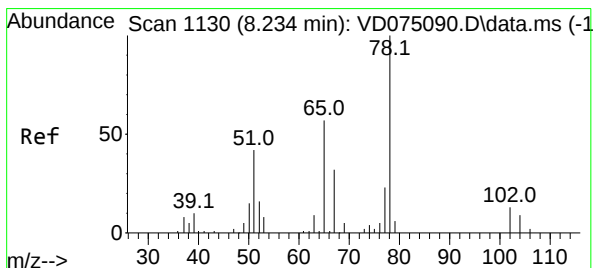
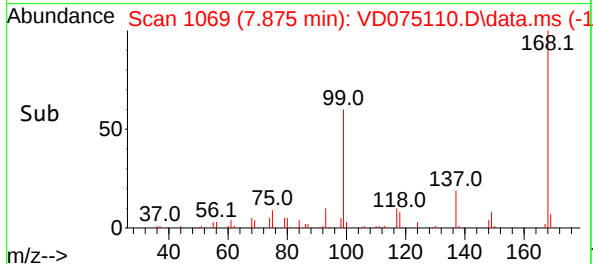
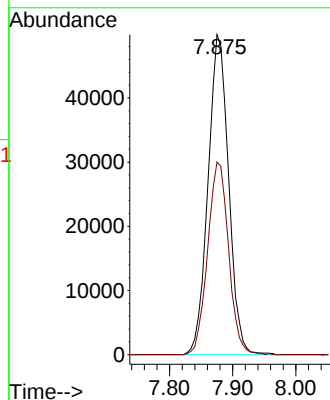
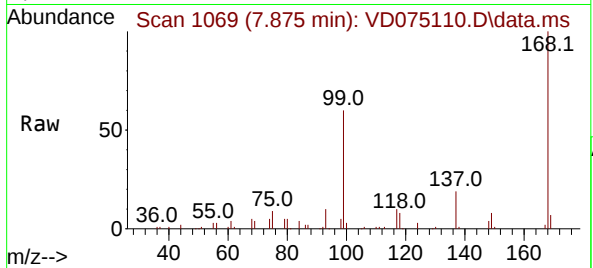




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD075110.D
Acq: 10 Jan 2023 17:35

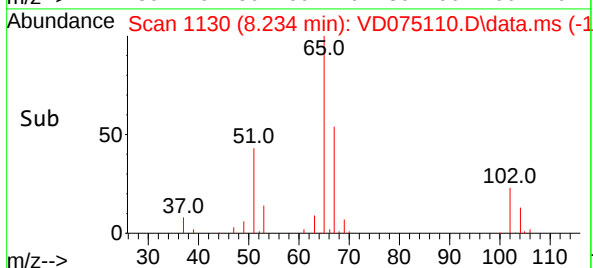
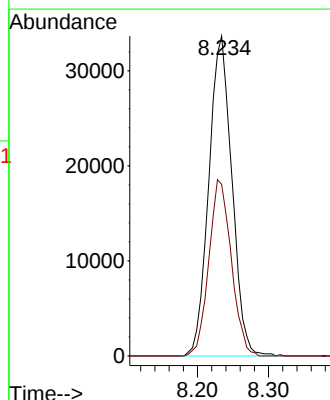
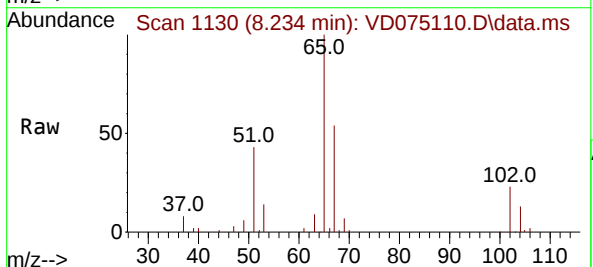
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-A-2

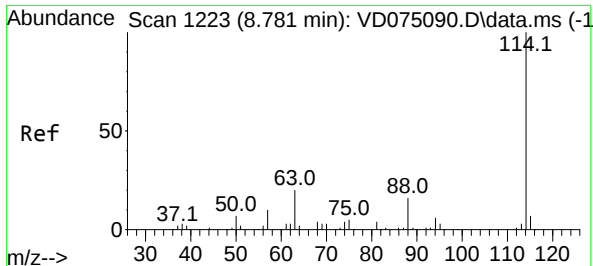
Tgt Ion:168 Resp: 112947
Ion Ratio Lower Upper
168 100
99 60.2 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 67.103 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075110.D
Acq: 10 Jan 2023 17:35

Tgt Ion: 65 Resp: 75984
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075110.D

Acq: 10 Jan 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-A-2

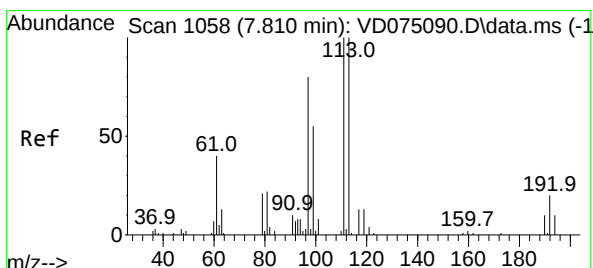
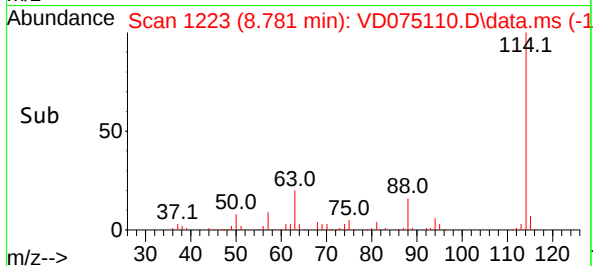
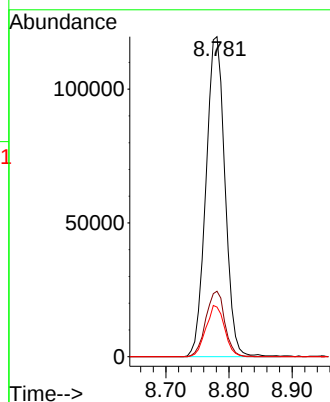
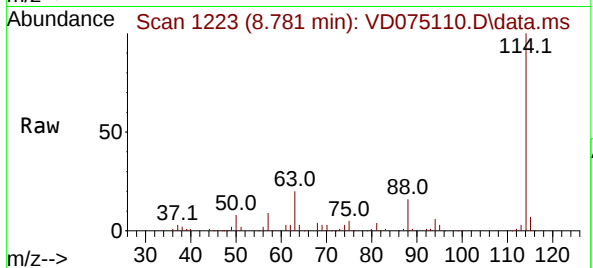
Tgt Ion:114 Resp: 249514

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.5 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.714 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075110.D

Acq: 10 Jan 2023 17:35

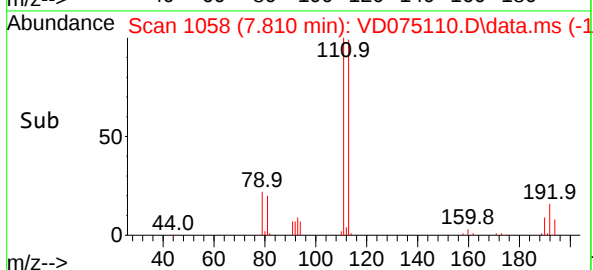
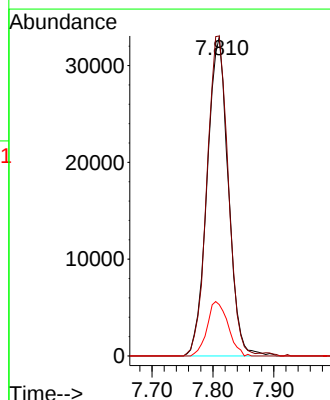
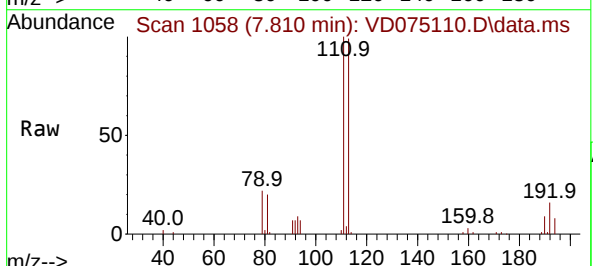
Tgt Ion:113 Resp: 79596

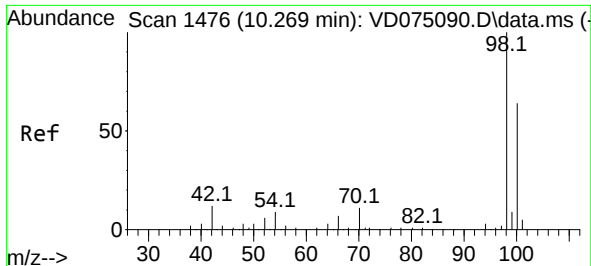
Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

192 16.8 15.0 22.6

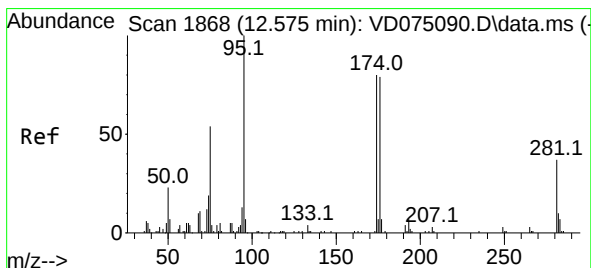
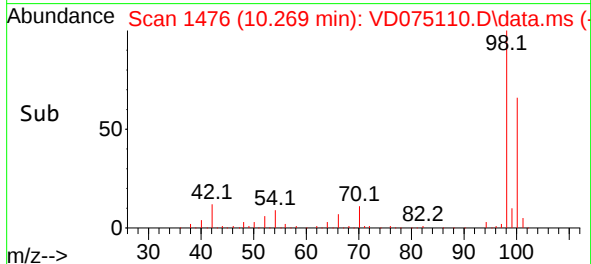
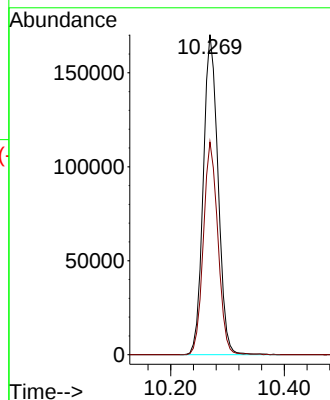
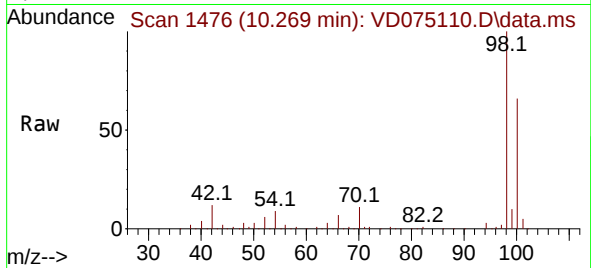




#50
Toluene-d8
Concen: 49.231 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075110.D
Acq: 10 Jan 2023 17:35

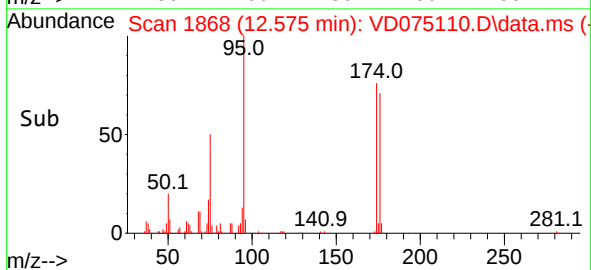
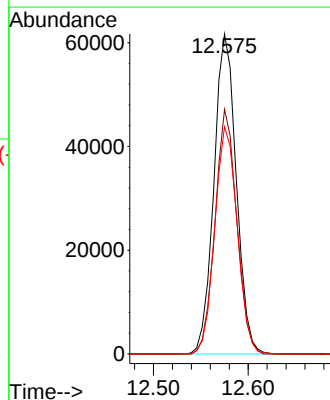
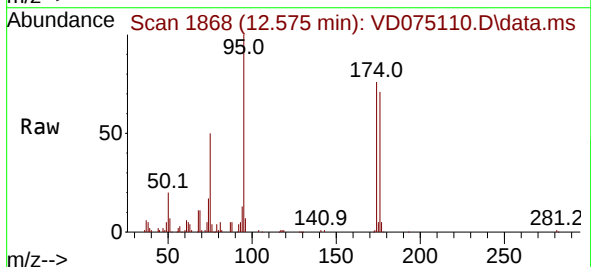
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-A-2

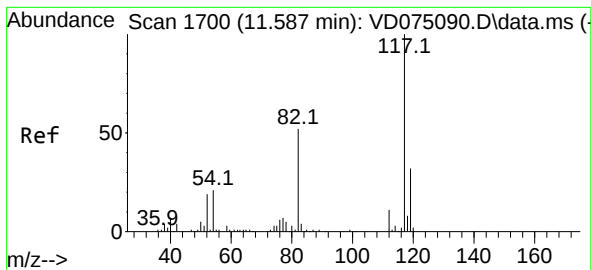
Tgt Ion: 98 Resp: 306374
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.617 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075110.D
Acq: 10 Jan 2023 17:35

Tgt Ion: 95 Resp: 101106
Ion Ratio Lower Upper
95 100
174 74.1 0.0 168.4
176 71.3 0.0 163.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075110.D

Acq: 10 Jan 2023 17:35

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-A-2

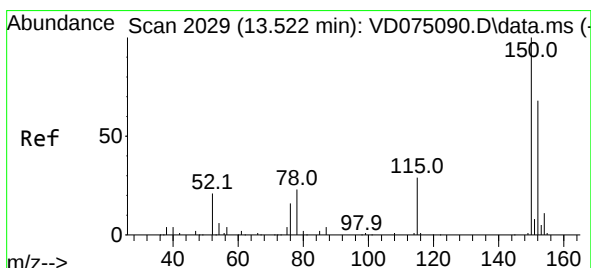
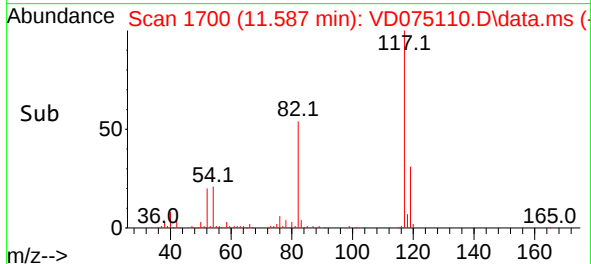
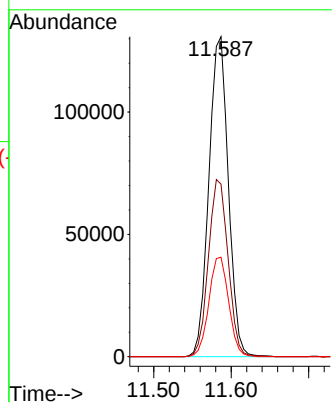
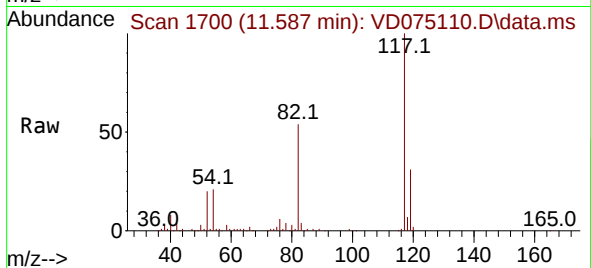
Tgt Ion:117 Resp: 228034

Ion Ratio Lower Upper

117 100

82 54.0 41.3 61.9

119 31.1 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075110.D

Acq: 10 Jan 2023 17:35

Tgt Ion:152 Resp: 97307

Ion Ratio Lower Upper

152 100

115 61.8 28.7 86.1

150 157.5 0.0 343.2

