

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075621.D
 Acq On : 11 Apr 2023 15:12
 Operator : KP/SY
 Sample : VD0411SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL01

Quant Time: Apr 12 02:55:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	188538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	317744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	131640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91191	58.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.920%
35) Dibromofluoromethane	7.805	113	111632	53.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.269	98	454735	55.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.900%
62) 4-Bromofluorobenzene	12.575	95	110383	43.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.040%

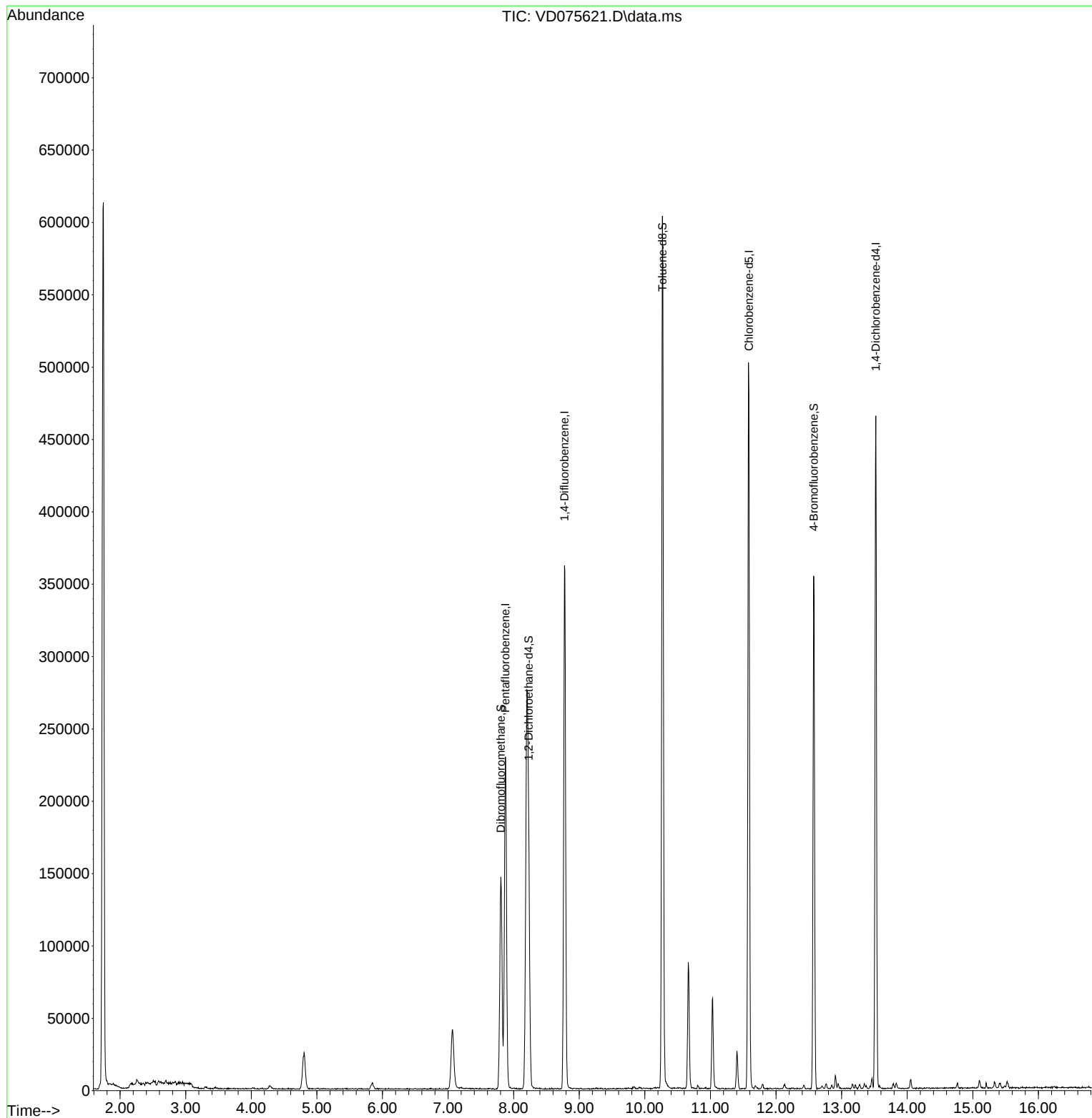
Target Compounds	Qvalue

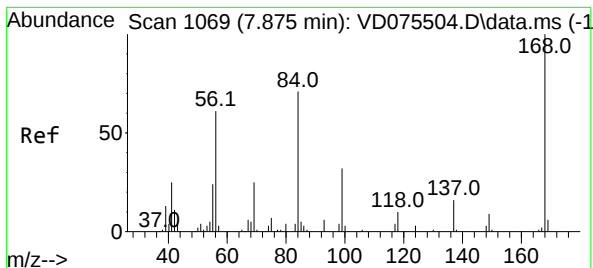
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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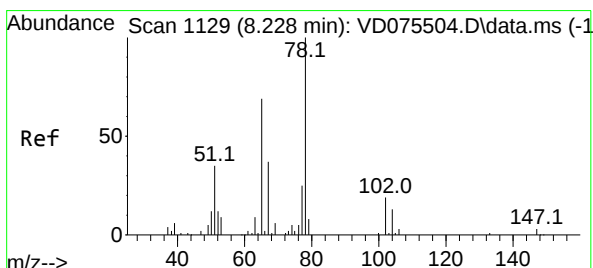
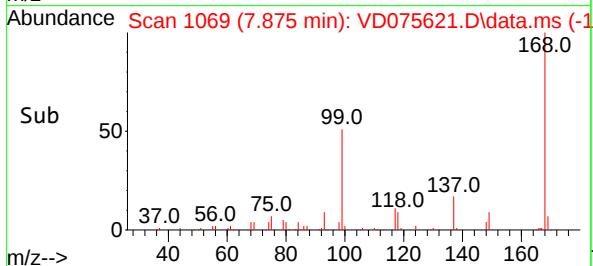
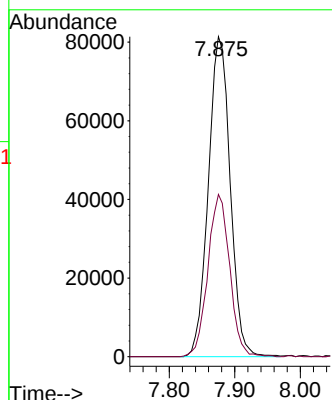
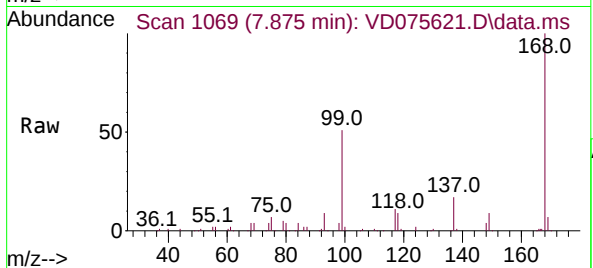




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075621.D
Acq: 11 Apr 2023 15:12

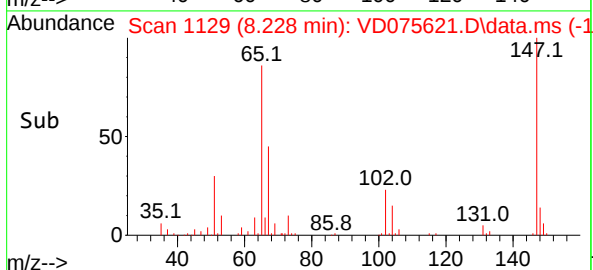
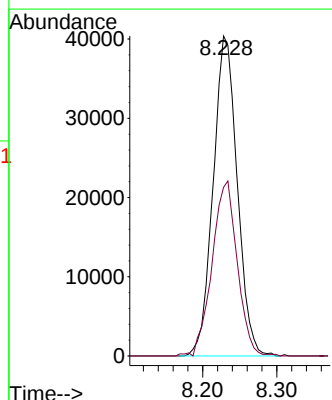
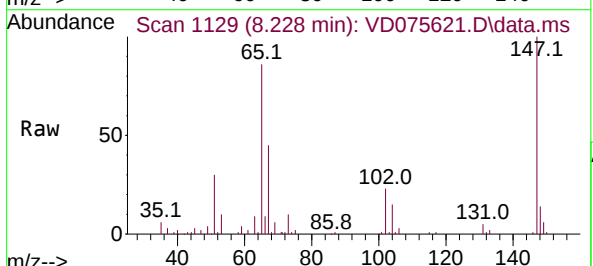
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL01

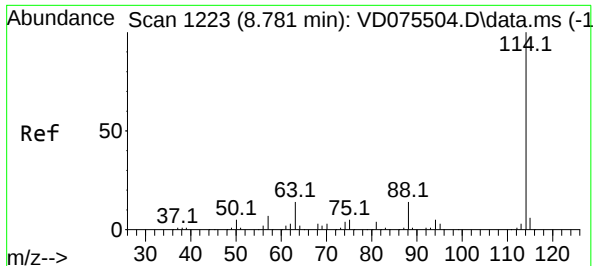
Tgt Ion:168 Resp: 188538
Ion Ratio Lower Upper
168 100
99 50.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 58.959 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075621.D
Acq: 11 Apr 2023 15:12

Tgt Ion: 65 Resp: 91191
Ion Ratio Lower Upper
65 100
67 57.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075621.D

Acq: 11 Apr 2023 15:12

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBL01

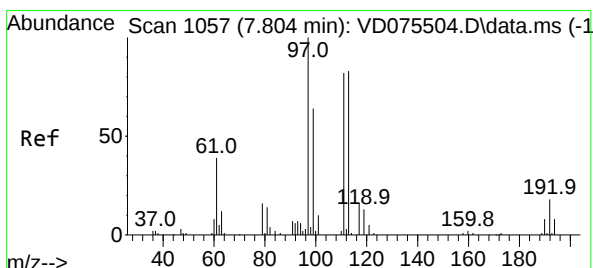
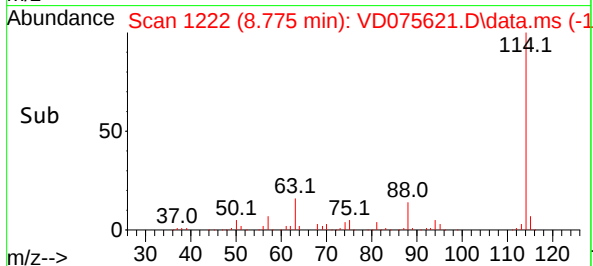
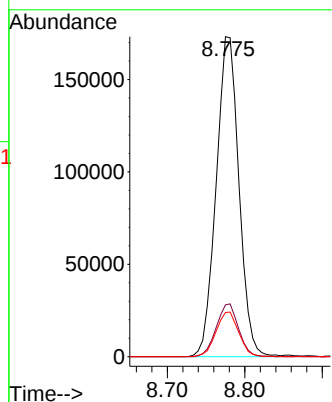
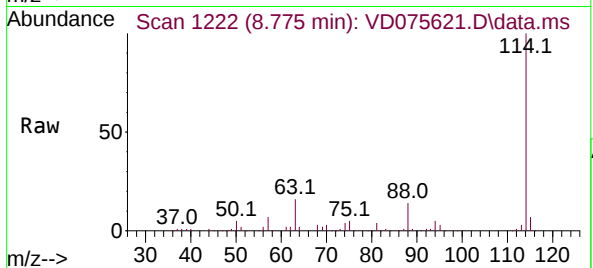
Tgt Ion:114 Resp: 353575

Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.872 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075621.D

Acq: 11 Apr 2023 15:12

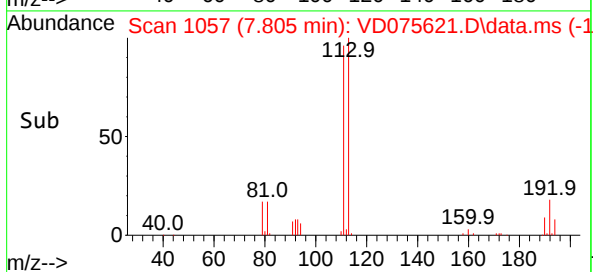
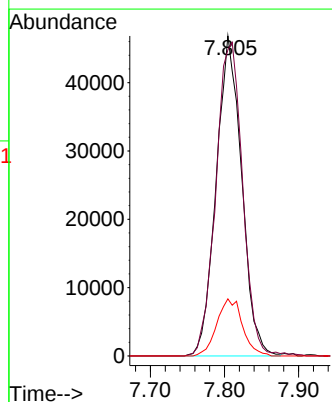
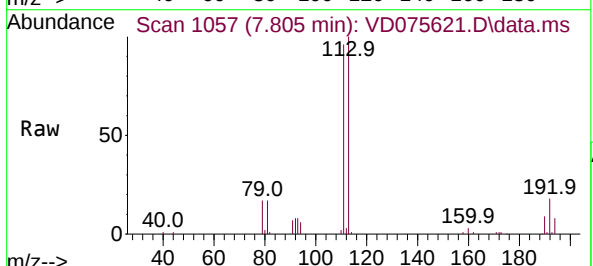
Tgt Ion:113 Resp: 111632

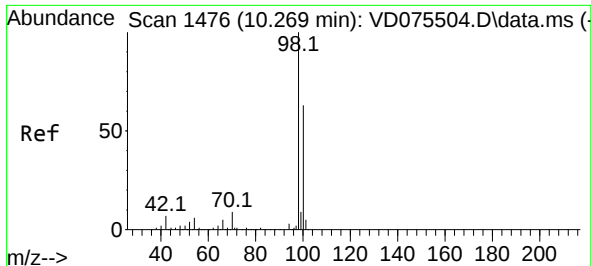
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.1 15.2 22.8

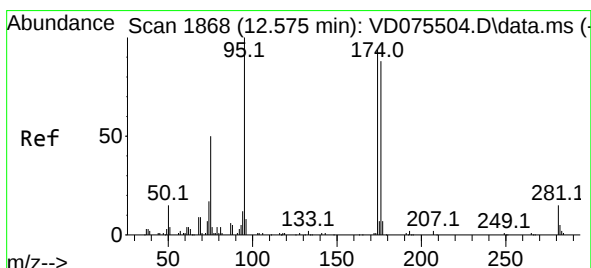
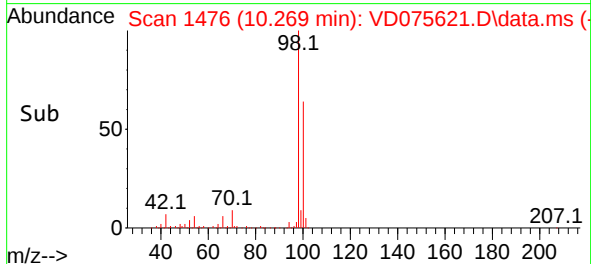
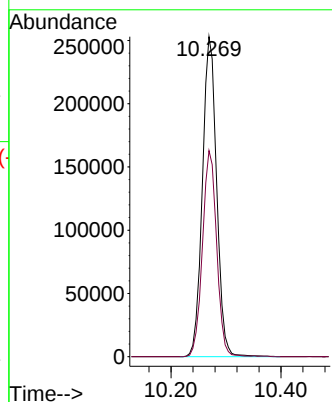
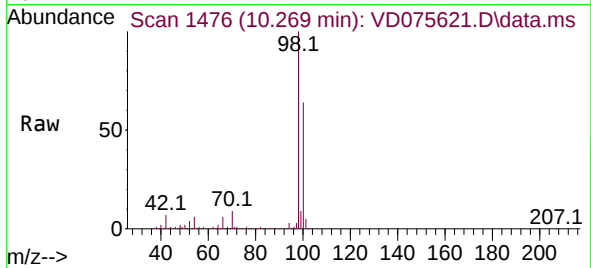




#50
Toluene-d8
Concen: 55.948 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075621.D
Acq: 11 Apr 2023 15:12

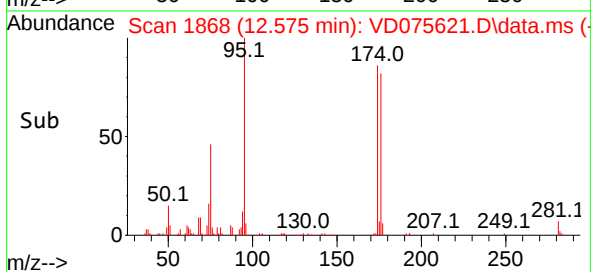
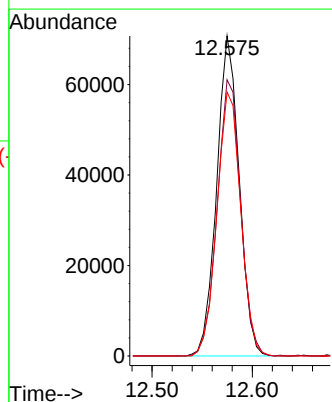
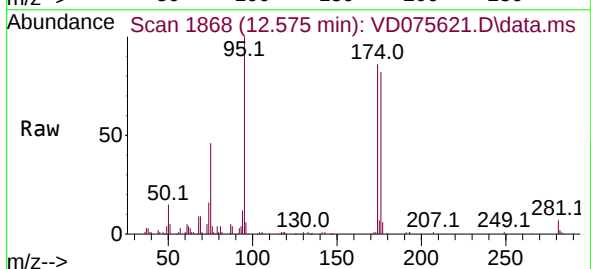
Instrument :
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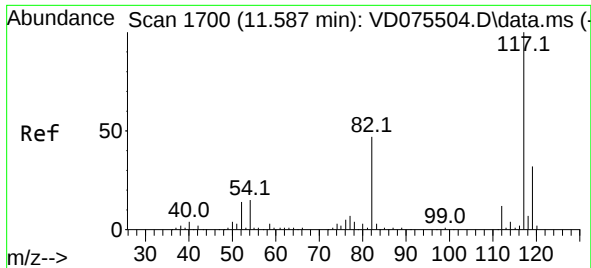
Tgt Ion: 98 Resp: 454735
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.523 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075621.D
Acq: 11 Apr 2023 15:12

Tgt Ion: 95 Resp: 110383
Ion Ratio Lower Upper
95 100
174 89.4 0.0 164.0
176 87.0 0.0 156.8

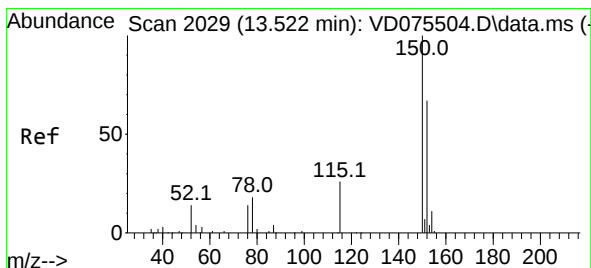
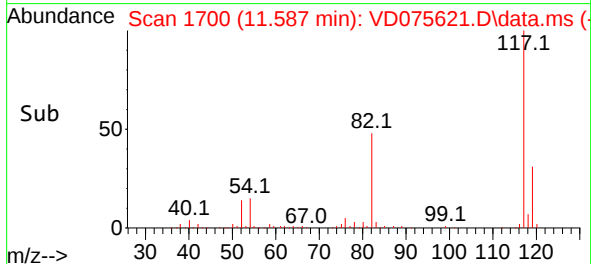
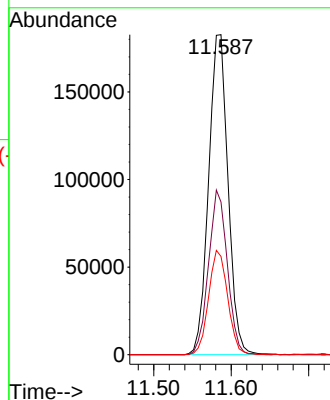
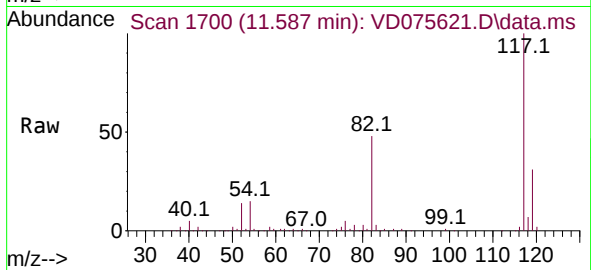




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075621.D
Acq: 11 Apr 2023 15:12

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL01

Tgt Ion:117 Resp: 317744
Ion Ratio Lower Upper
117 100
82 47.7 44.0 66.0
119 30.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075621.D
Acq: 11 Apr 2023 15:12

Tgt Ion:152 Resp: 131640
Ion Ratio Lower Upper
152 100
115 55.6 30.1 90.3
150 158.4 0.0 364.8

