

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078721.D
 Acq On : 21 Mar 2024 10:43
 Operator : RP/MD
 Sample : VD0321SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBL01

Quant Time: Mar 22 06:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	122717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	196001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	81601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59458	51.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.400%
35) Dibromofluoromethane	7.810	113	70737	49.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.269	98	257962	49.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.575	95	66724	43.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.320%

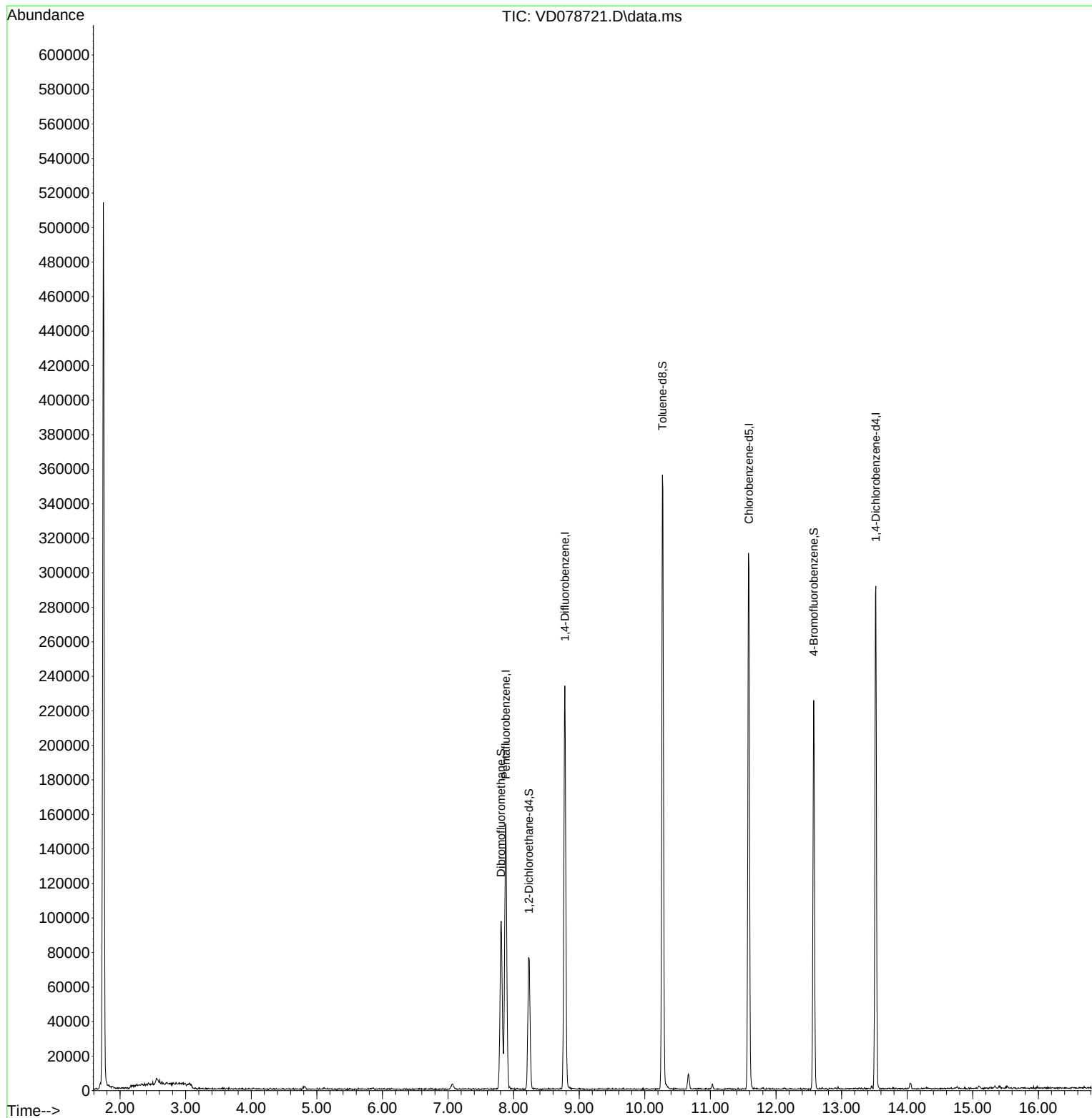
Target Compounds	Qvalue

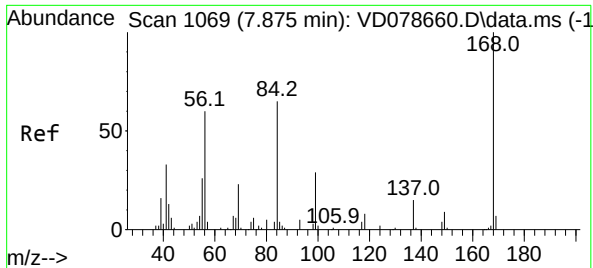
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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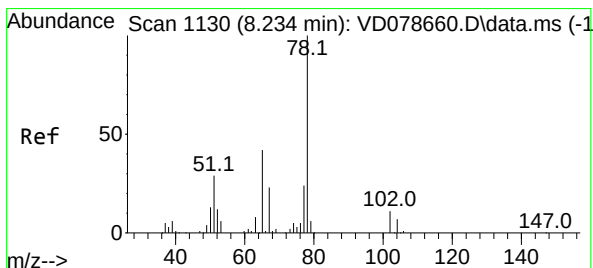
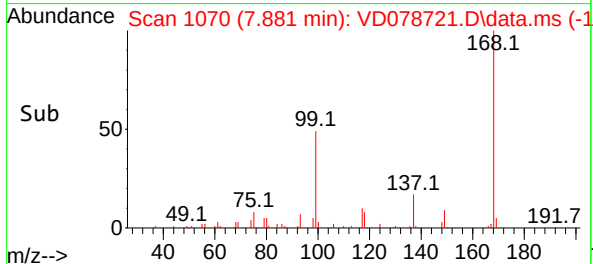
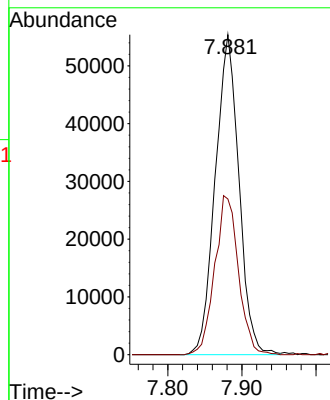
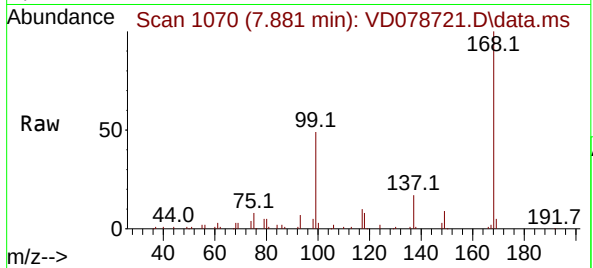




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078721.D
Acq: 21 Mar 2024 10:43

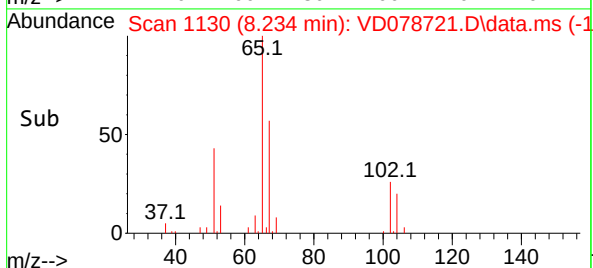
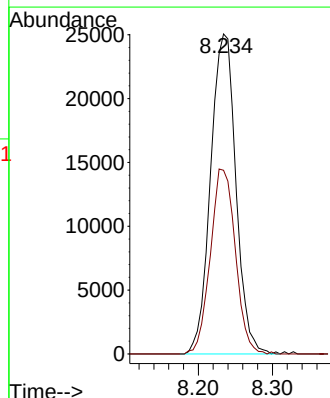
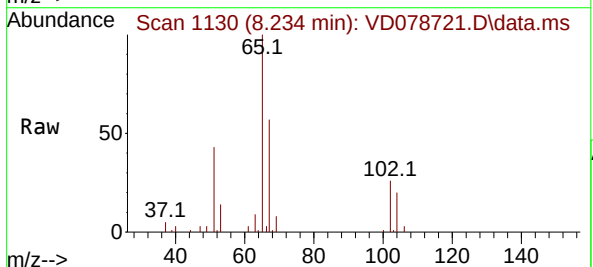
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

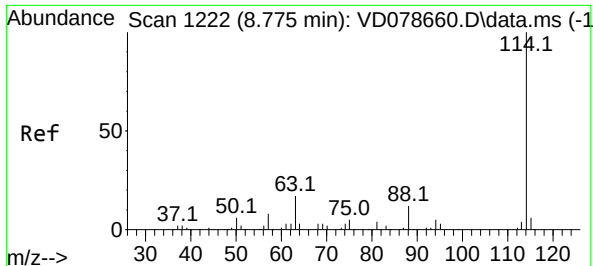
Tgt Ion:168 Resp: 122717
Ion Ratio Lower Upper
168 100
99 48.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 51.700 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078721.D
Acq: 21 Mar 2024 10:43

Tgt Ion: 65 Resp: 59458
Ion Ratio Lower Upper
65 100
67 57.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078721.D

Acq: 21 Mar 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBL01

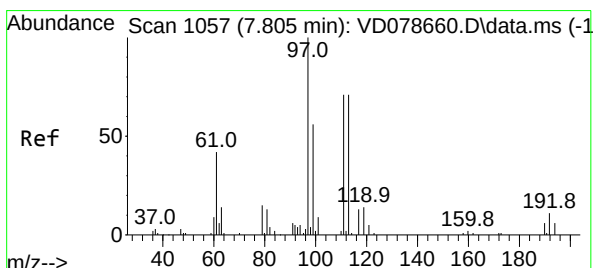
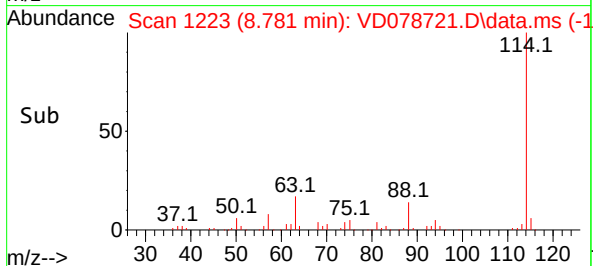
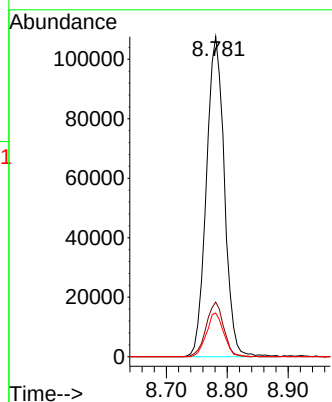
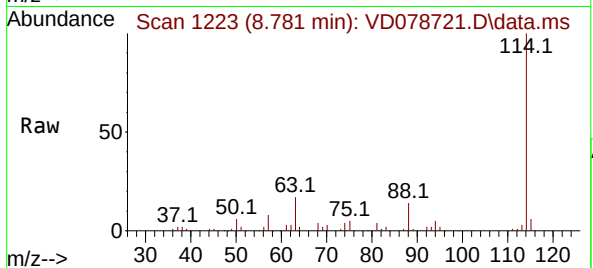
Tgt Ion:114 Resp: 220601

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 49.803 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078721.D

Acq: 21 Mar 2024 10:43

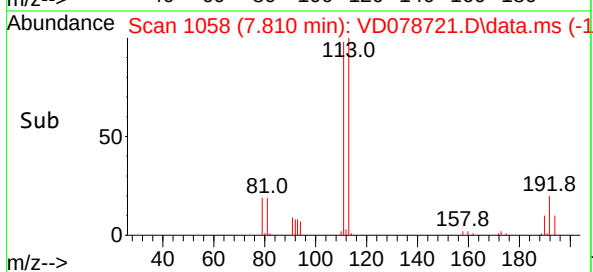
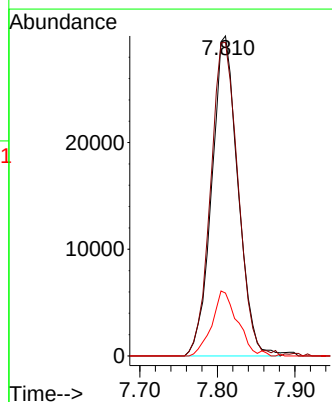
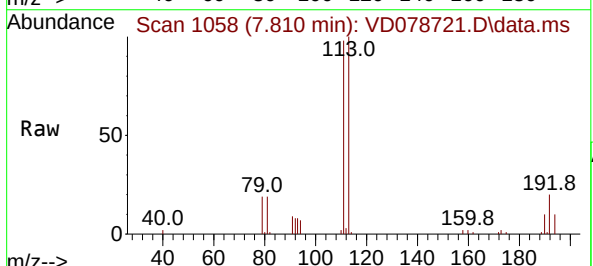
Tgt Ion:113 Resp: 70737

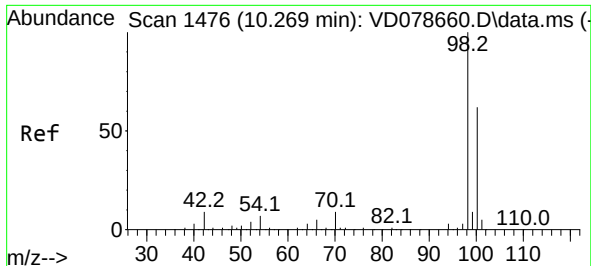
Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 19.8 15.4 23.0

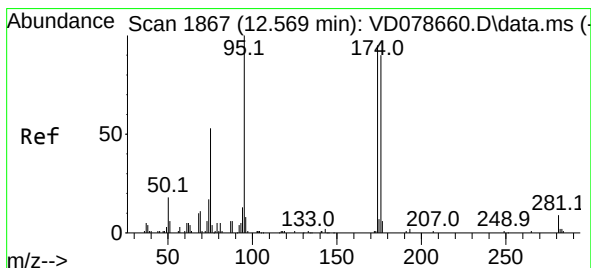
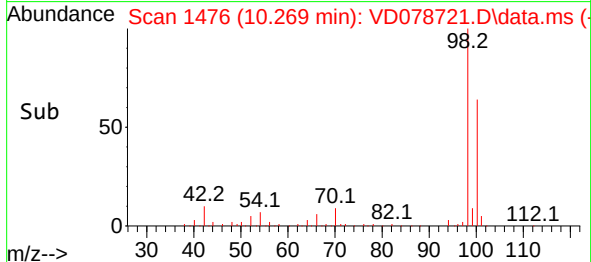
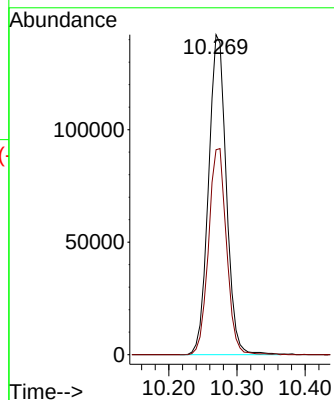
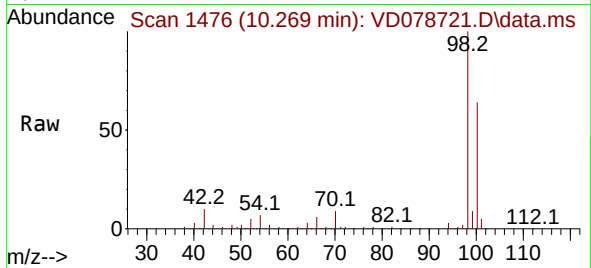




#50
Toluene-d8
Concen: 49.384 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078721.D
Acq: 21 Mar 2024 10:43

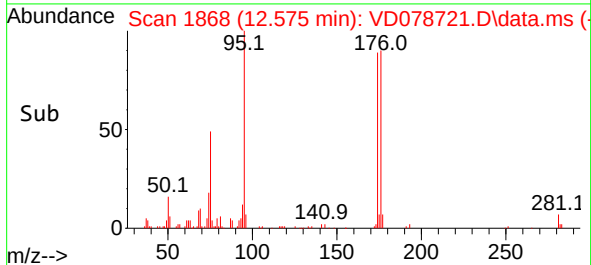
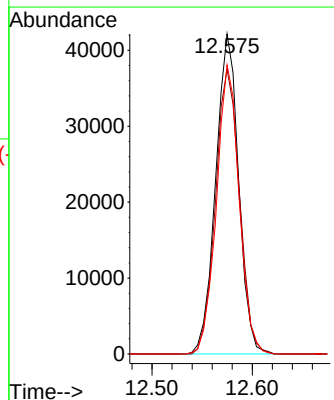
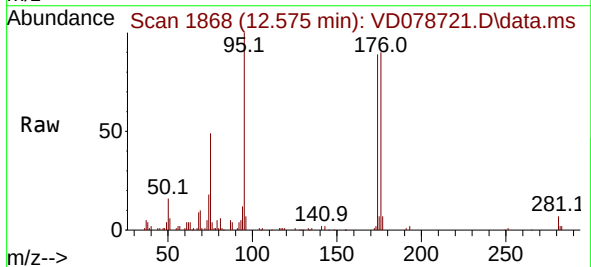
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

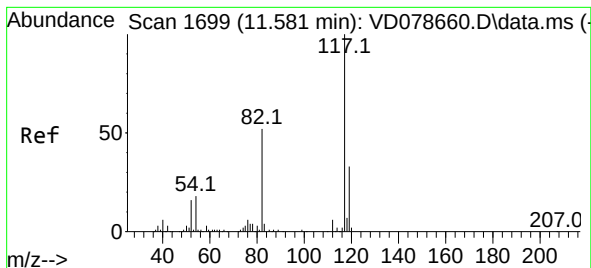
Tgt Ion: 98 Resp: 257962
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.662 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078721.D
Acq: 21 Mar 2024 10:43

Tgt Ion: 95 Resp: 66724
Ion Ratio Lower Upper
95 100
174 93.0 0.0 195.2
176 89.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078721.D

Acq: 21 Mar 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBL01

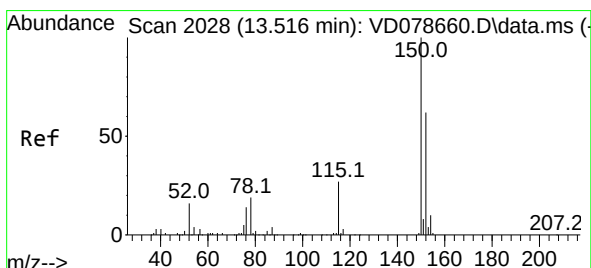
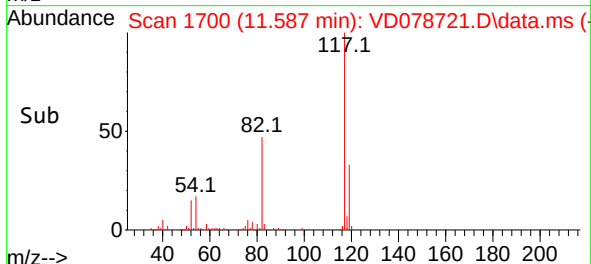
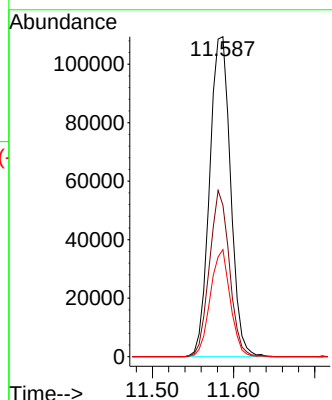
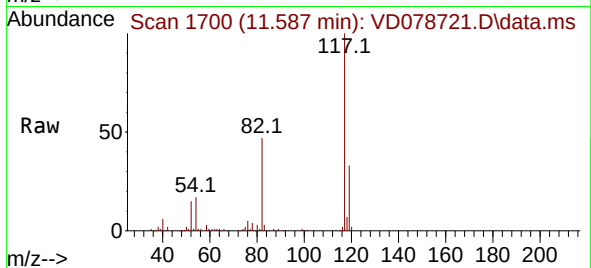
Tgt Ion:117 Resp: 196001

Ion Ratio Lower Upper

117 100

82 47.4 41.4 62.2

119 33.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078721.D

Acq: 21 Mar 2024 10:43

Tgt Ion:152 Resp: 81601

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.2

150 157.8 0.0 350.2

