

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077360.D
 Acq On : 20 Oct 2023 11:45
 Operator : JC/SY
 Sample : VD1020SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBL01

Quant Time: Oct 21 05:27:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	152710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73950	54.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.460%
35) Dibromofluoromethane	7.805	113	88388	43.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.620%
50) Toluene-d8	10.269	98	285184	39.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.940%
62) 4-Bromofluorobenzene	12.575	95	71854	34.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.100%

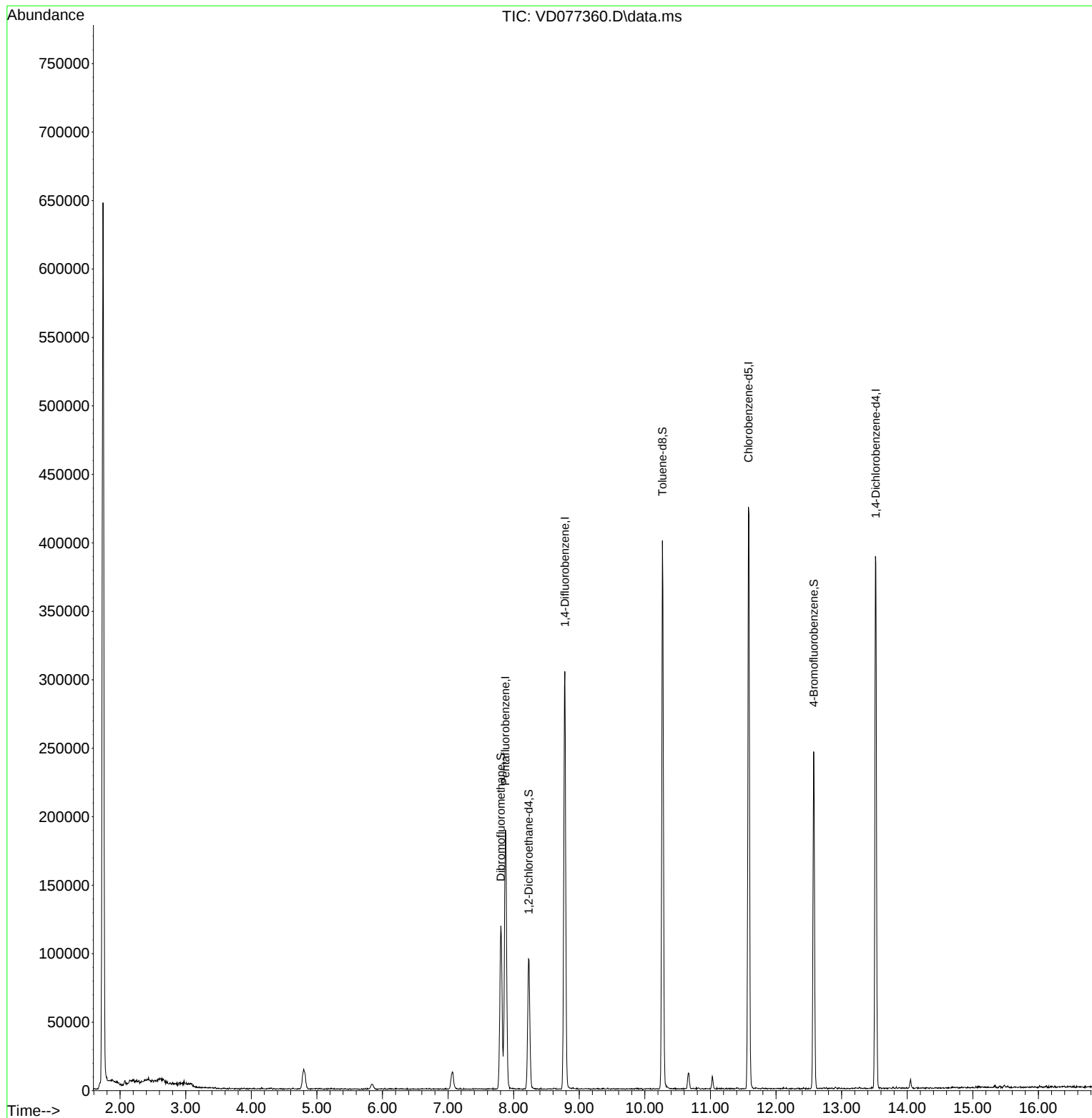
Target Compounds	Qvalue

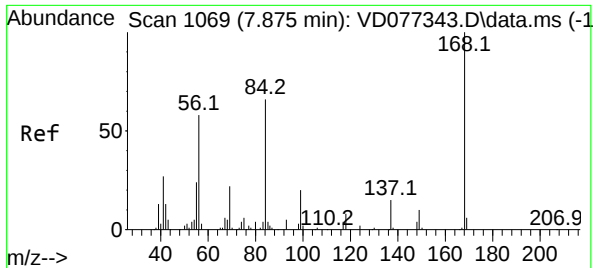
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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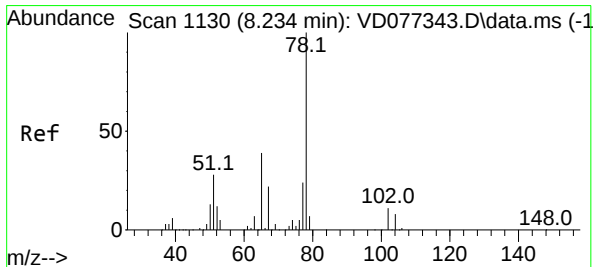
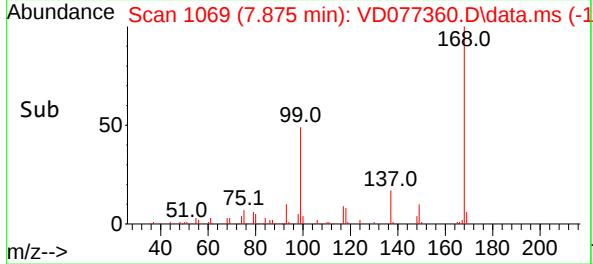
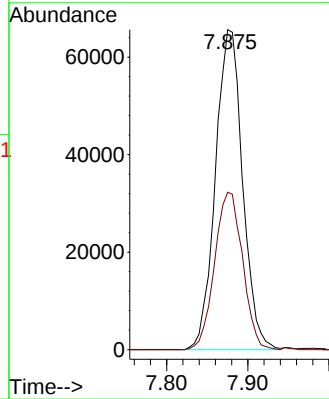
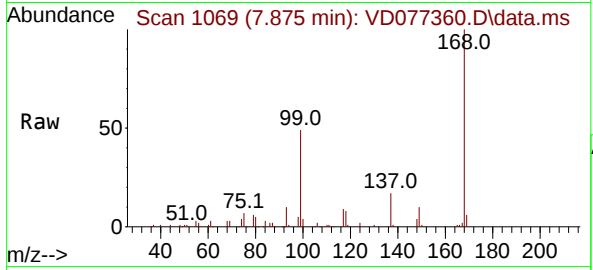




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

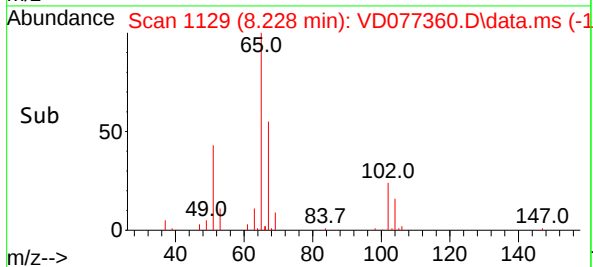
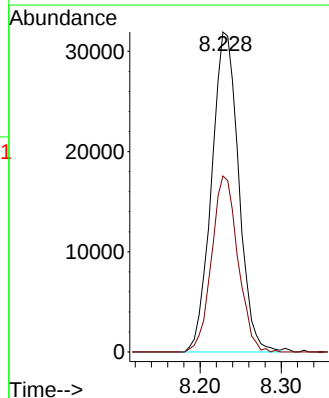
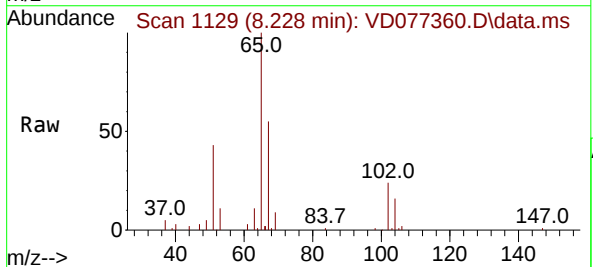
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

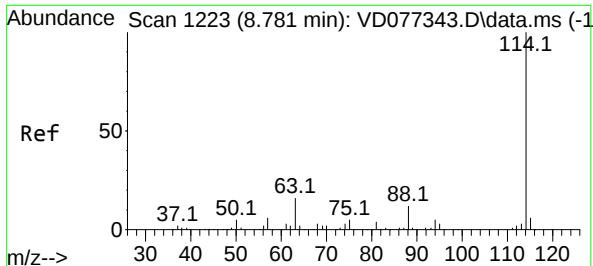
Tgt Ion:168 Resp: 152710
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 54.231 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Tgt Ion: 65 Resp: 73950
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077360.D

Acq: 20 Oct 2023 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBL01

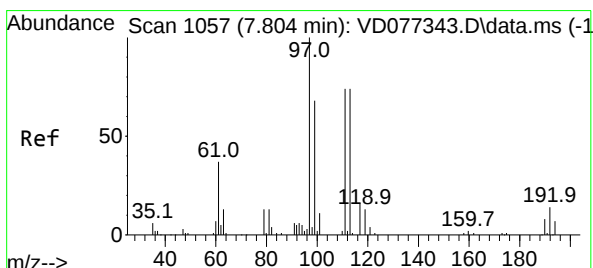
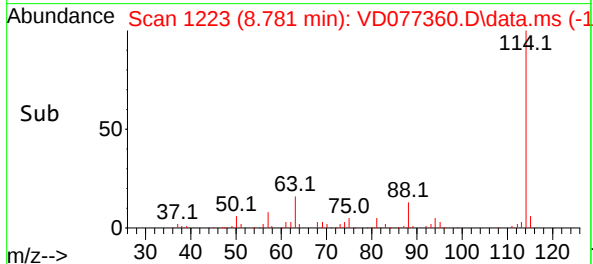
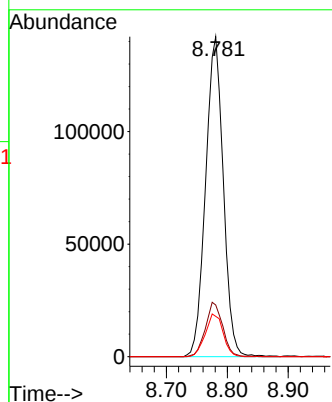
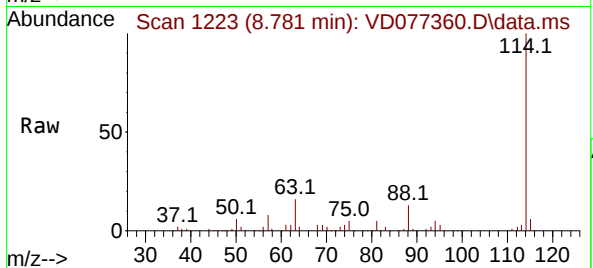
Tgt Ion:114 Resp: 287154

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.813 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077360.D

Acq: 20 Oct 2023 11:45

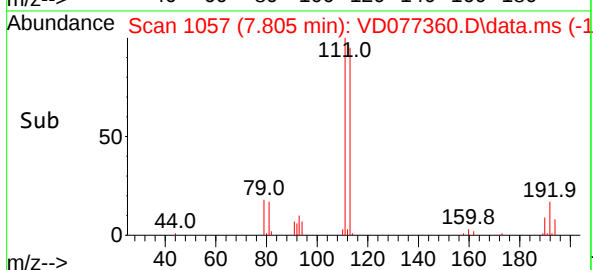
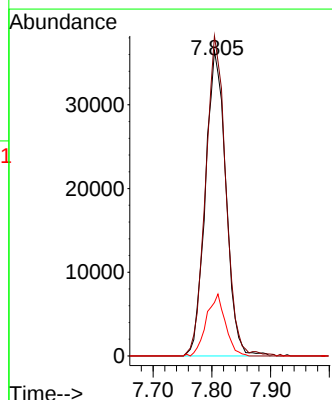
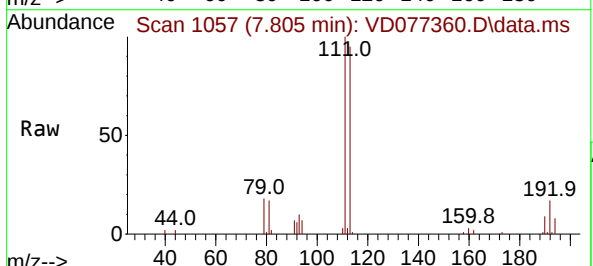
Tgt Ion:113 Resp: 88388

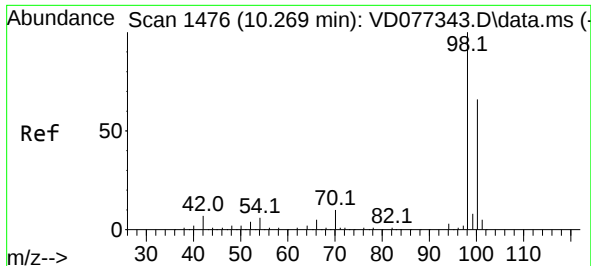
Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 18.8 16.8 25.2

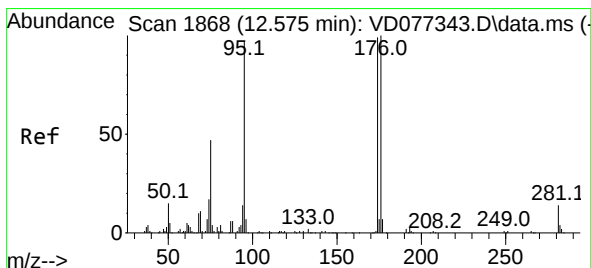
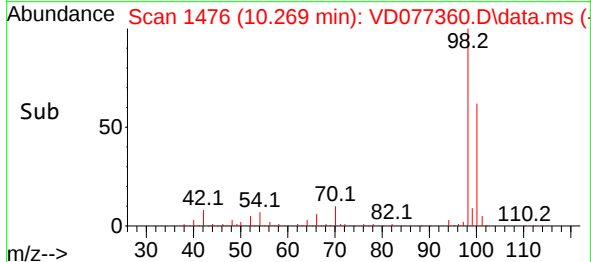
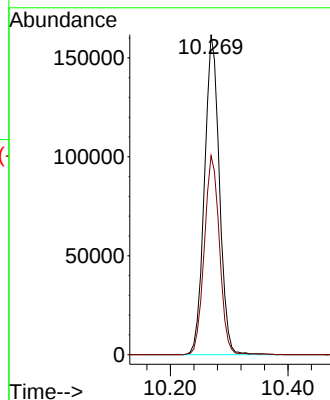
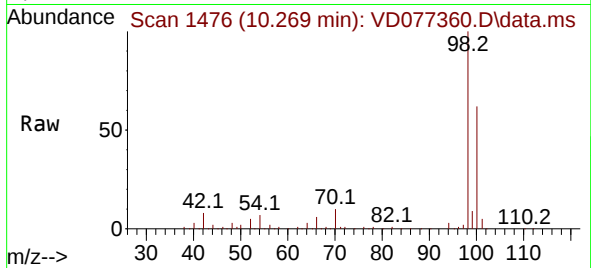




#50
Toluene-d8
Concen: 39.472 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

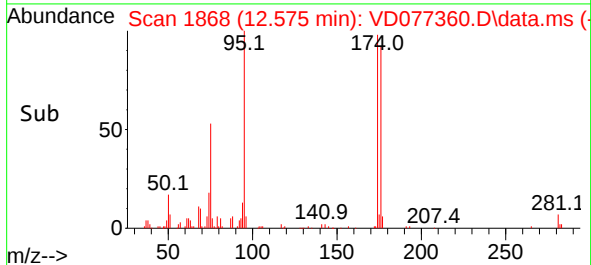
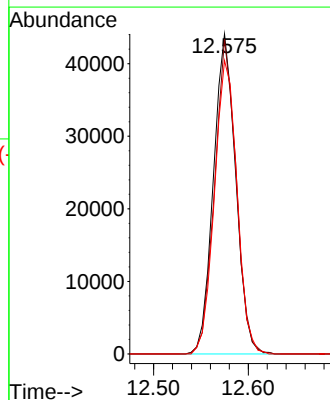
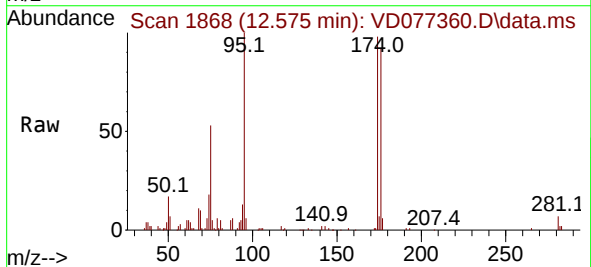
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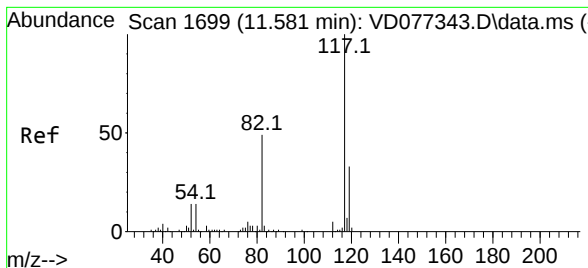
Tgt Ion: 98 Resp: 285184
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.549 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077360.D
Acq: 20 Oct 2023 11:45

Tgt Ion: 95 Resp: 71854
Ion Ratio Lower Upper
95 100
174 95.7 0.0 201.8
176 93.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077360.D

Acq: 20 Oct 2023 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBL01

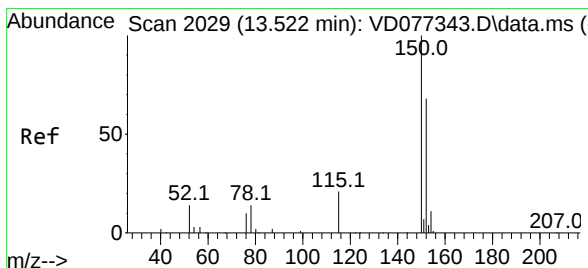
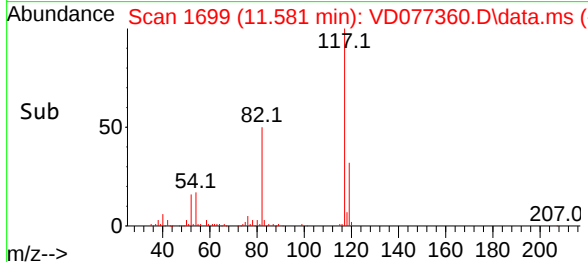
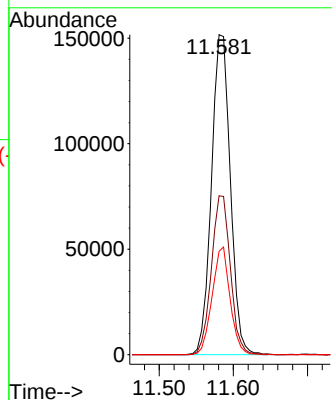
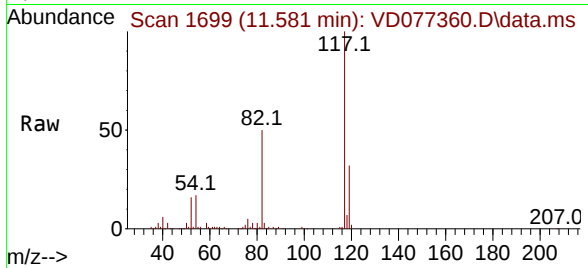
Tgt Ion:117 Resp: 268550

Ion Ratio Lower Upper

117 100

82 49.6 38.3 57.5

119 32.3 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD077360.D

Acq: 20 Oct 2023 11:45

Tgt Ion:152 Resp: 117015

Ion Ratio Lower Upper

152 100

115 52.1 27.1 81.3

150 156.0 0.0 353.6

