

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076228.D
 Acq On : 25 May 2023 12:43
 Operator : KP/SY
 Sample : VD0525SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBL01

Quant Time: May 25 17:11:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92593	66.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.680%
35) Dibromofluoromethane	7.805	113	107478	54.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.269	98	357889	46.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.575	95	92058	43.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.480%

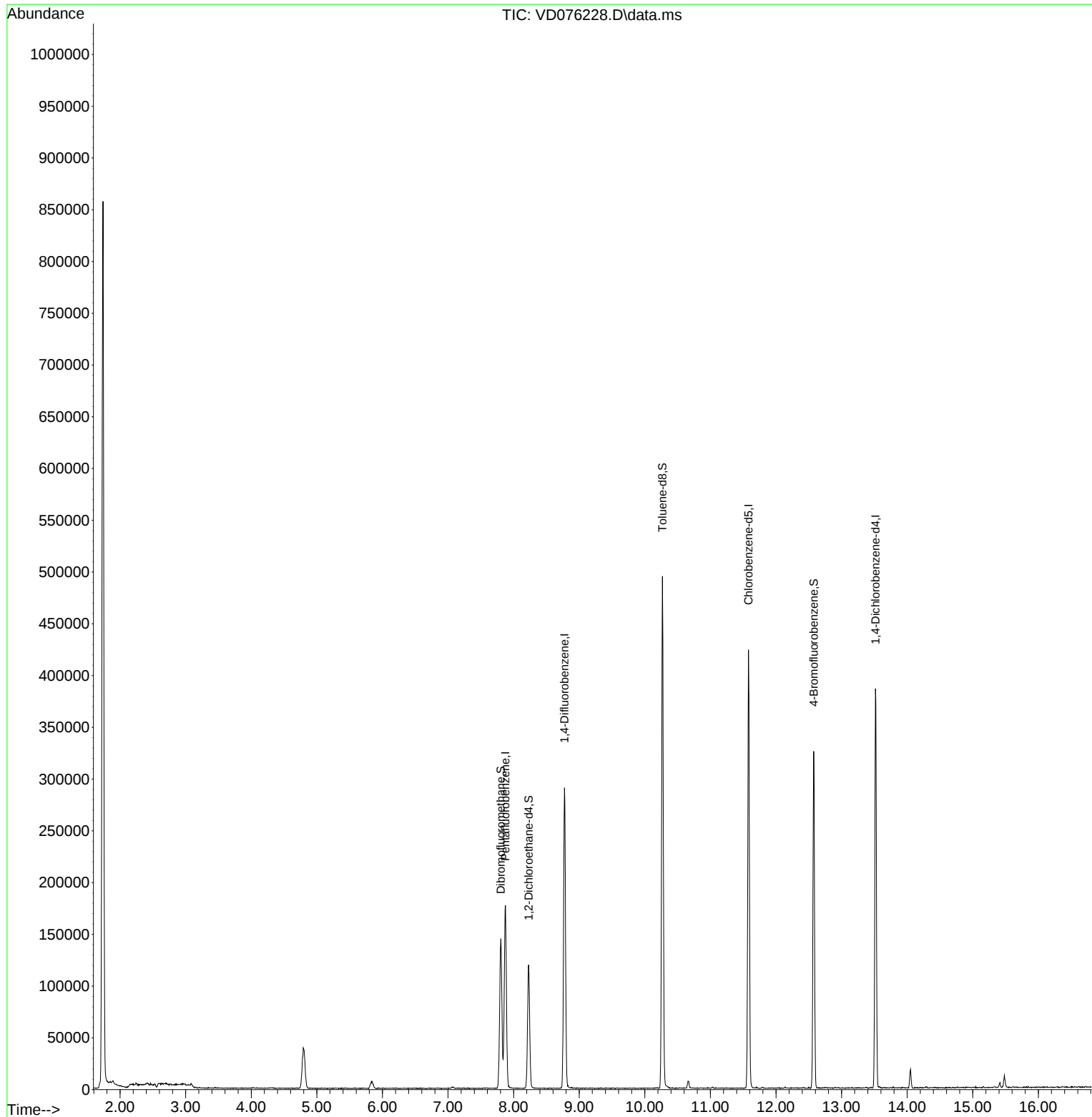
Target Compounds	Qvalue

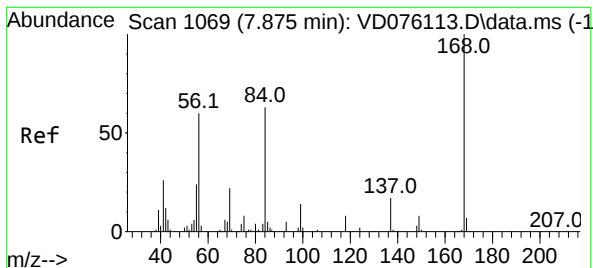
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076228.D

Acq: 25 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

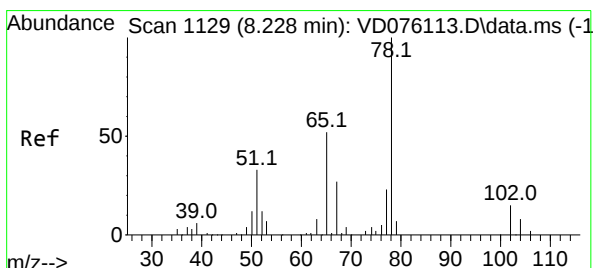
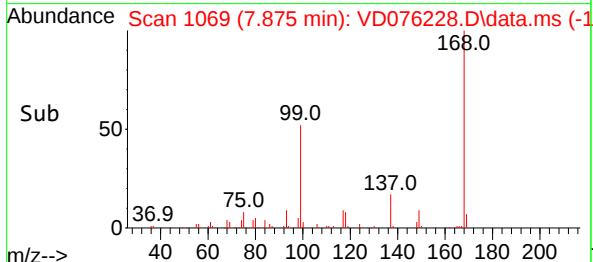
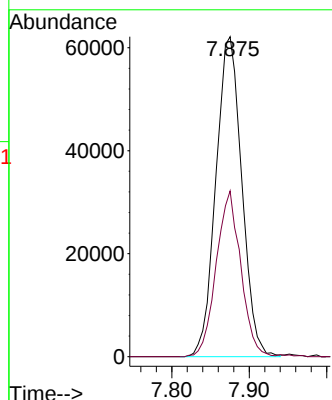
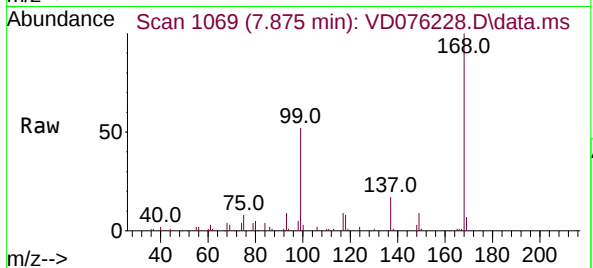
VD0525SBL01

Tgt Ion:168 Resp: 144413

Ion Ratio Lower Upper

168 100

99 51.8 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 66.341 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076228.D

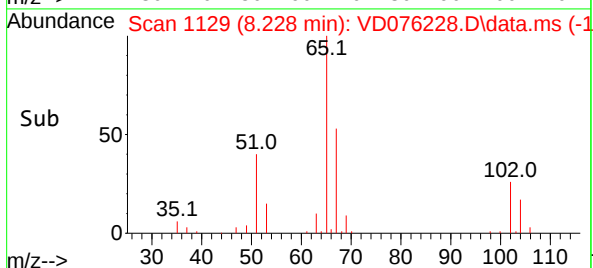
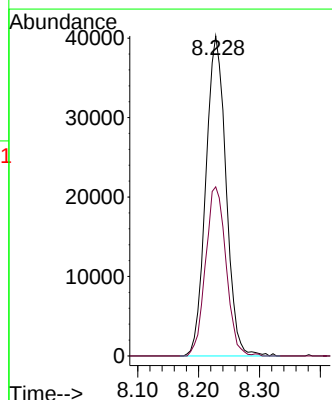
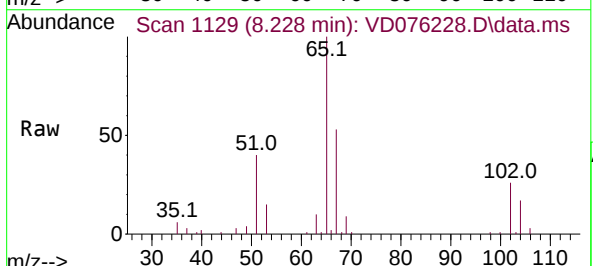
Acq: 25 May 2023 12:43

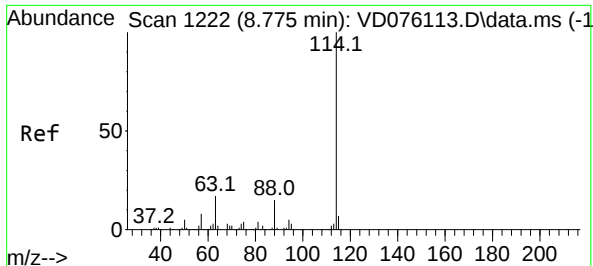
Tgt Ion: 65 Resp: 92593

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076228.D

Acq: 25 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBL01

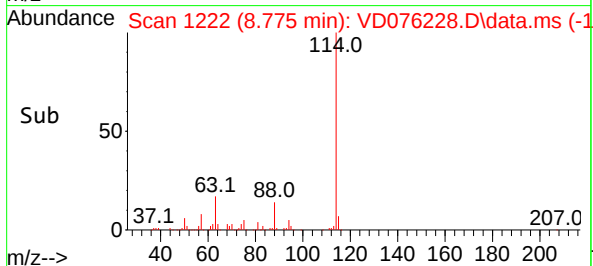
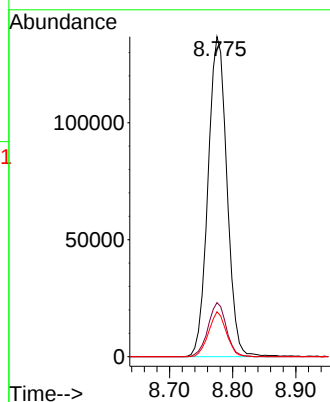
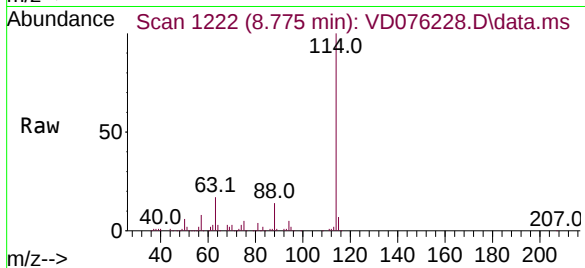
Tgt Ion:114 Resp: 284429

Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.668 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076228.D

Acq: 25 May 2023 12:43

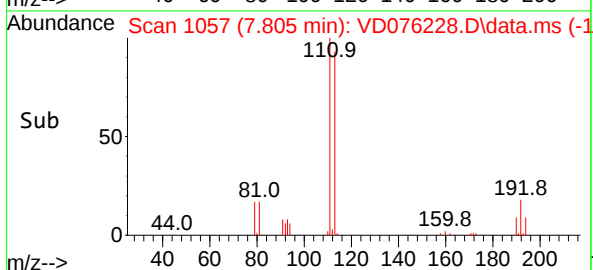
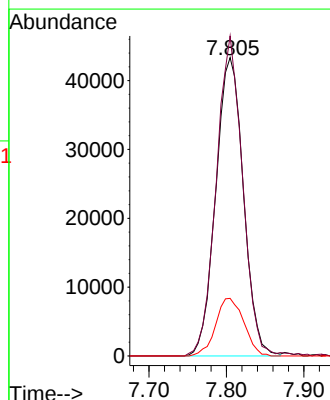
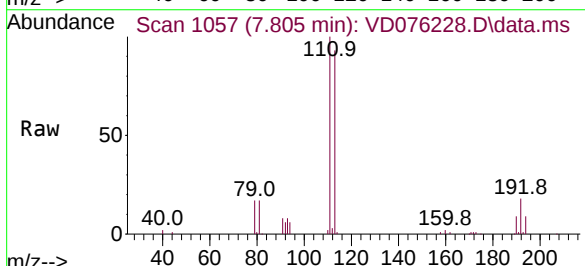
Tgt Ion:113 Resp: 107478

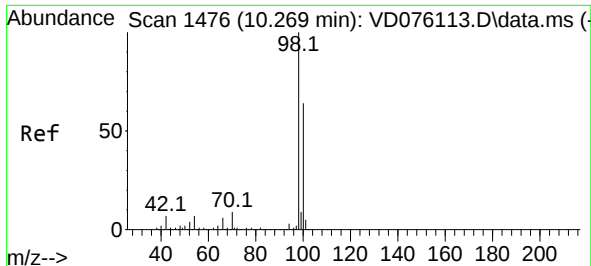
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.7 15.2 22.8

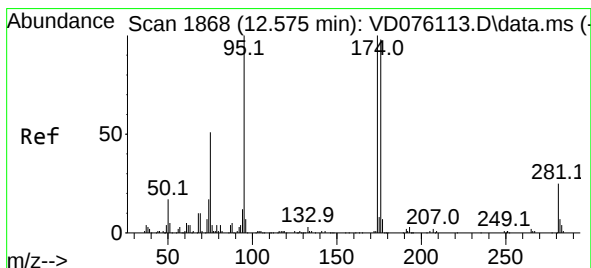
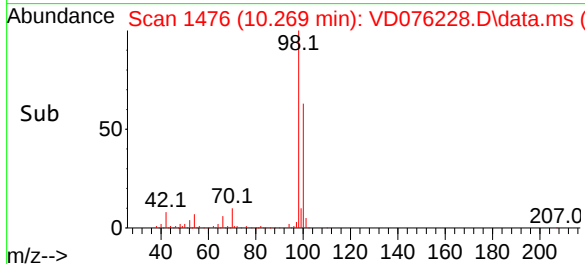
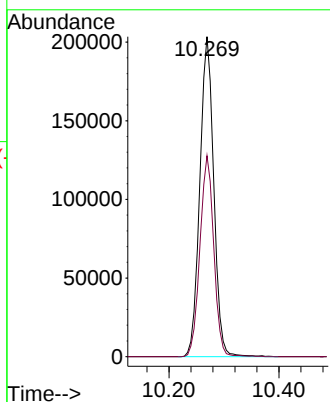
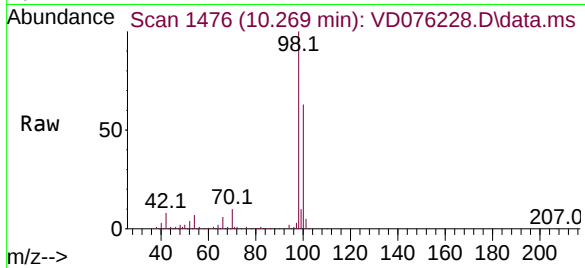




#50
Toluene-d8
Concen: 46.697 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

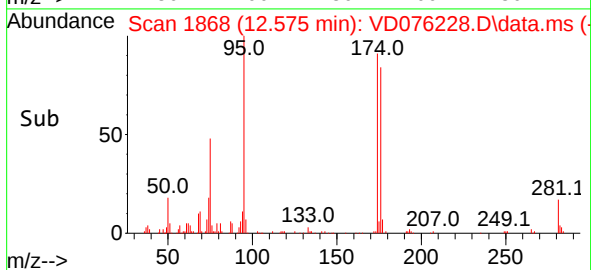
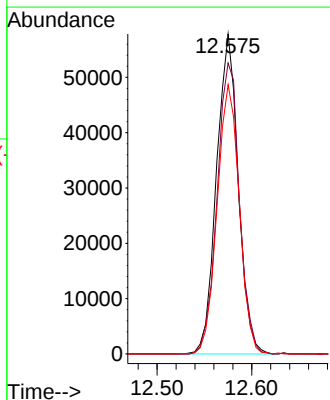
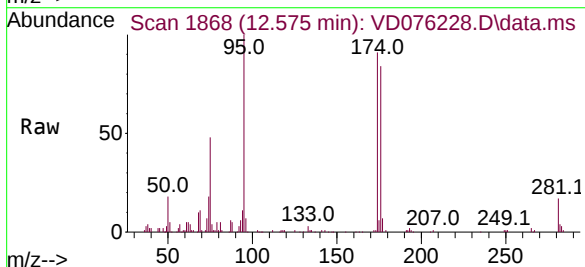
Instrument :
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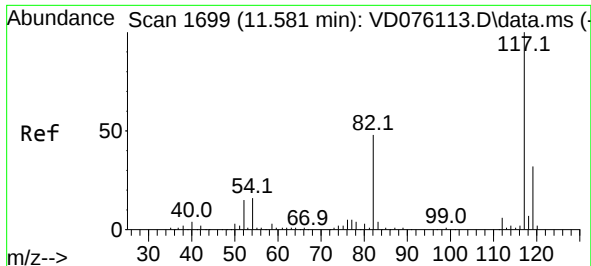
Tgt Ion: 98 Resp: 357889
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Tgt Ion: 95 Resp: 92058
Ion Ratio Lower Upper
95 100
174 93.7 0.0 164.0
176 86.0 0.0 156.8

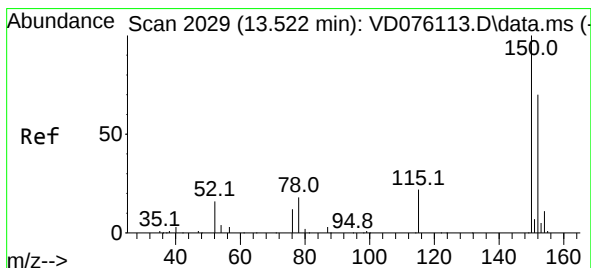
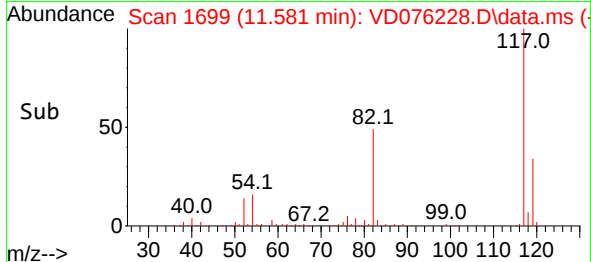
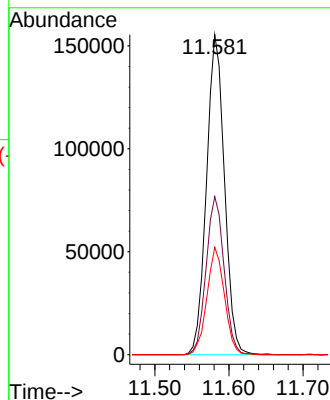
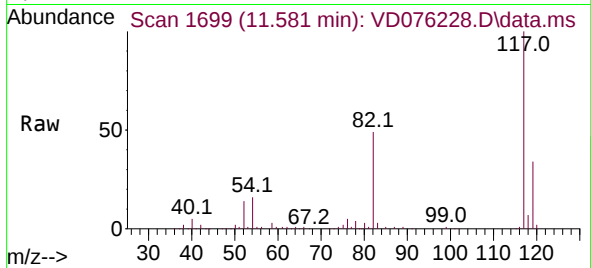




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

Tgt Ion:117 Resp: 261651
Ion Ratio Lower Upper
117 100
82 49.4 44.0 66.0
119 33.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Tgt Ion:152 Resp: 111545
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 158.4 0.0 364.8

