

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073507.D
 Acq On : 09 Jun 2022 13:55
 Operator : VA/SY
 Sample : VD0609SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBL01

Quant Time: Jun 09 17:28:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	275058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	508036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	571003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	143733	48.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.380%
35) Dibromofluoromethane	7.909	113	165082	50.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.332	98	623766	50.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.620	95	274064	61.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.240%

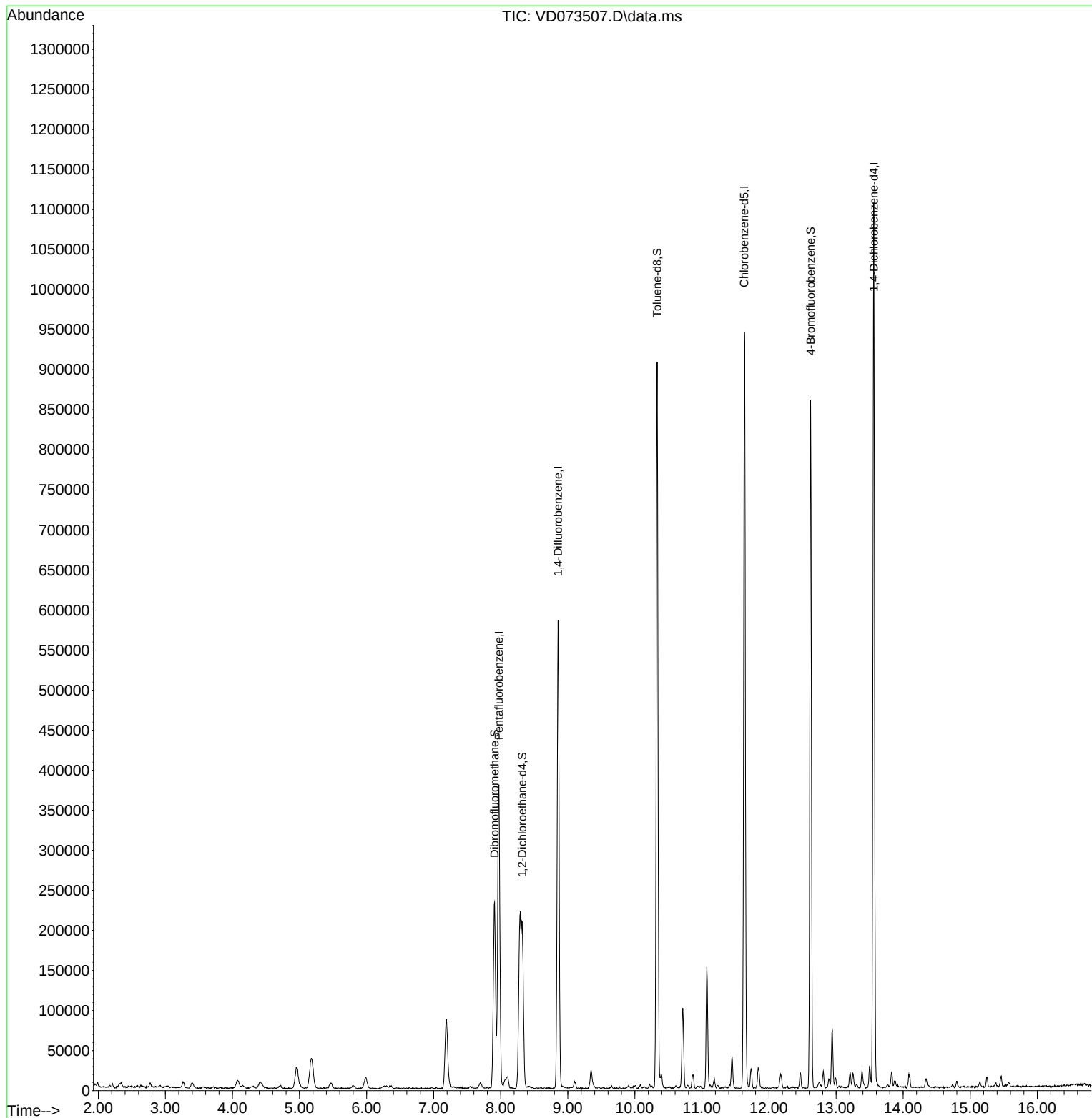
Target Compounds	Qvalue

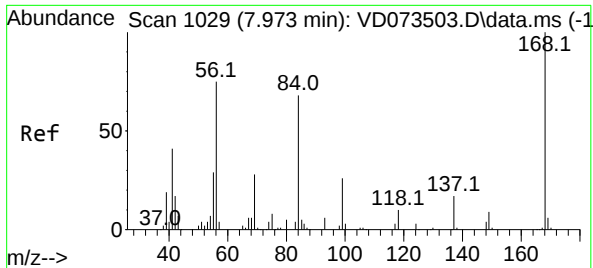
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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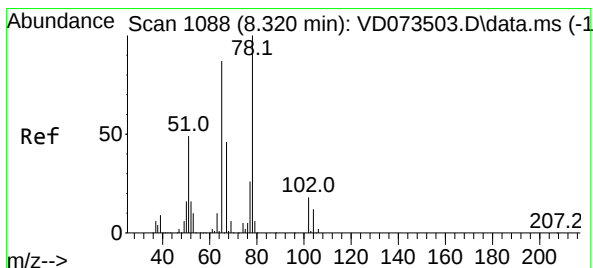
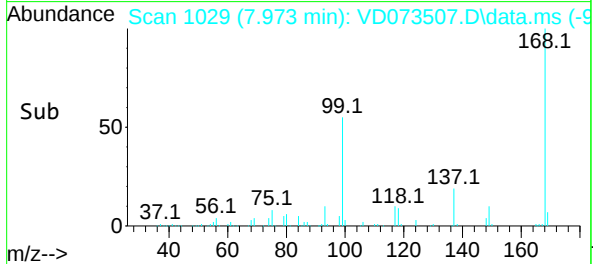
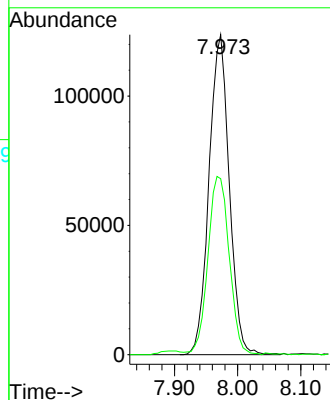
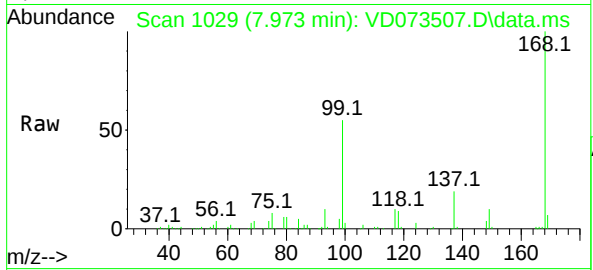




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073507.D
Acq: 09 Jun 2022 13:55

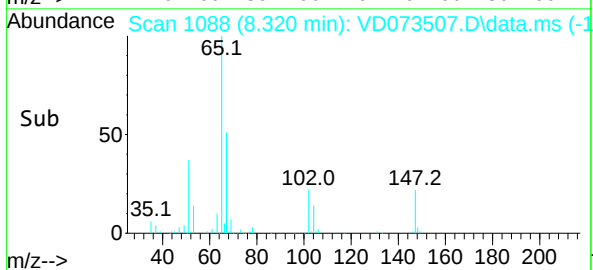
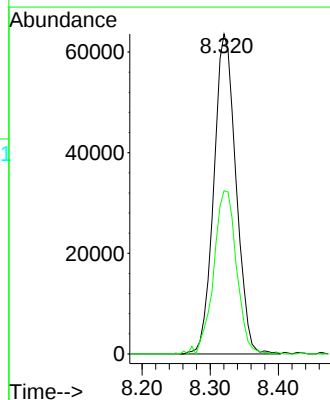
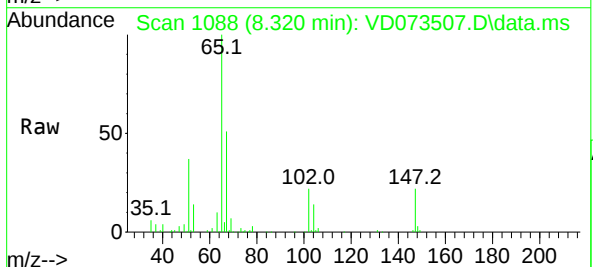
Instrument :
MSVOA_D
ClientSampleId :
VD0609SBL01

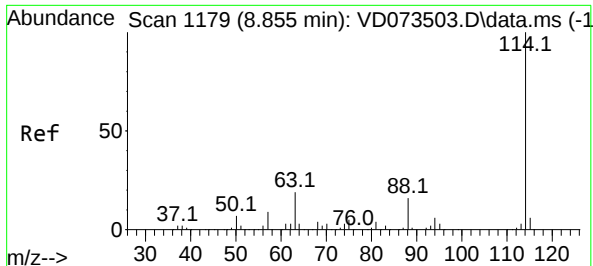
Tgt Ion:168 Resp: 275058
Ion Ratio Lower Upper
168 100
99 54.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.694 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073507.D
Acq: 09 Jun 2022 13:55

Tgt Ion: 65 Resp: 143733
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073507.D

Acq: 09 Jun 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

VD0609SBL01

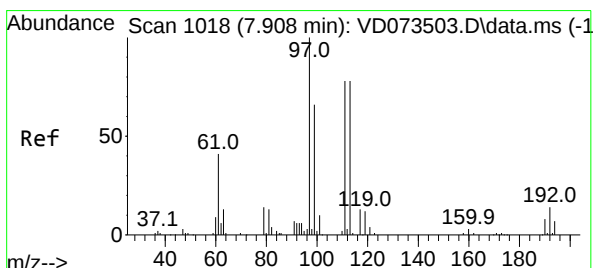
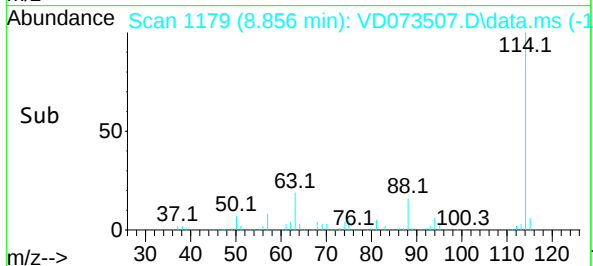
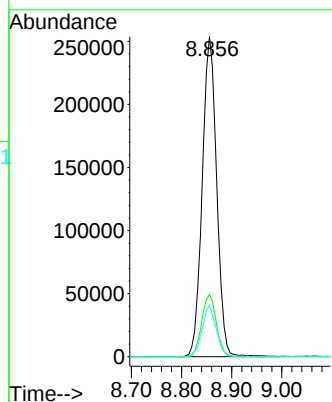
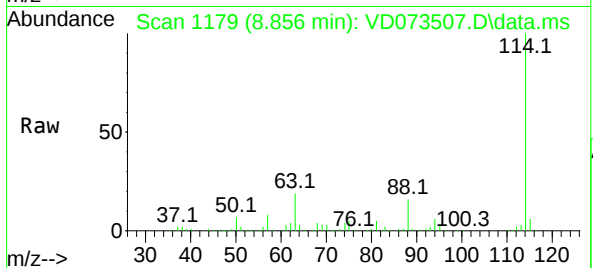
Tgt Ion:114 Resp: 508036

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.532 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073507.D

Acq: 09 Jun 2022 13:55

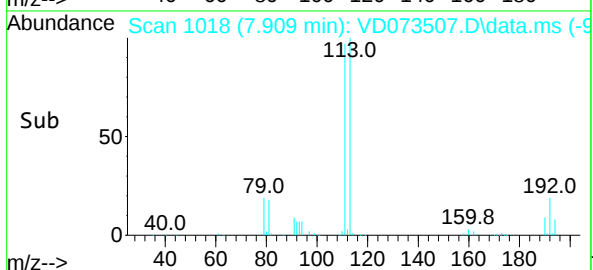
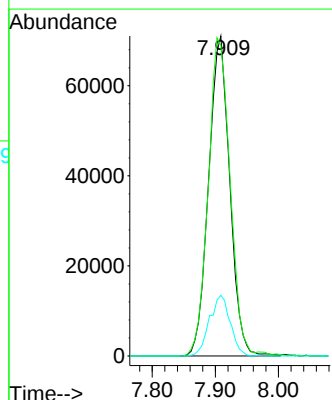
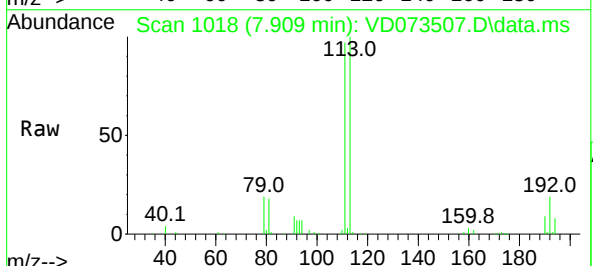
Tgt Ion:113 Resp: 165082

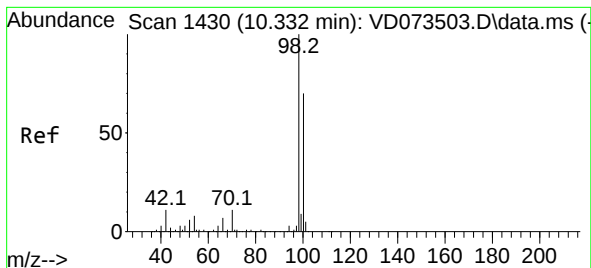
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.6 14.6 21.8





#50

Toluene-d8

Concen: 50.501 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073507.D

Acq: 09 Jun 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

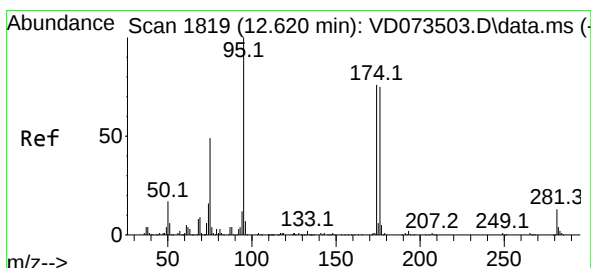
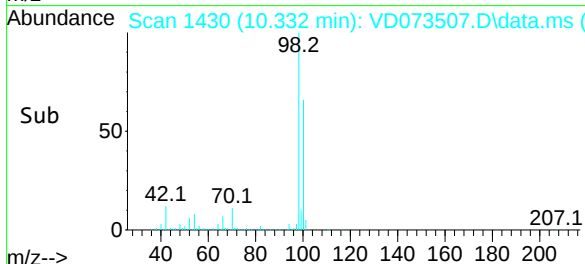
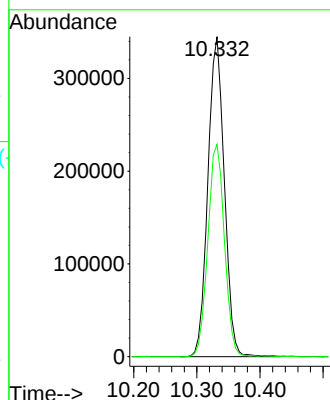
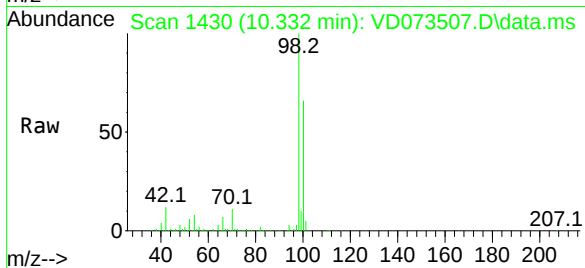
VD0609SBL01

Tgt Ion: 98 Resp: 623766

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 61.121 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073507.D

Acq: 09 Jun 2022 13:55

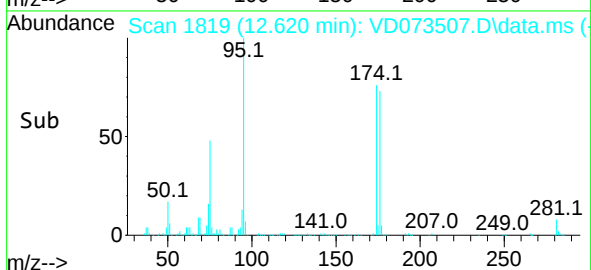
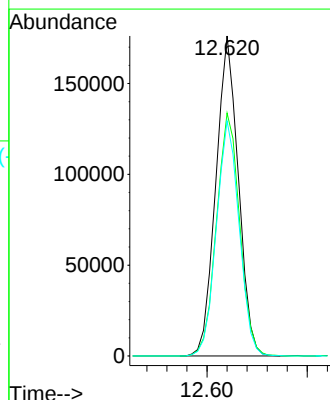
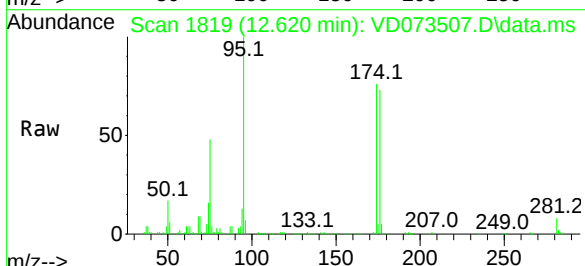
Tgt Ion: 95 Resp: 274064

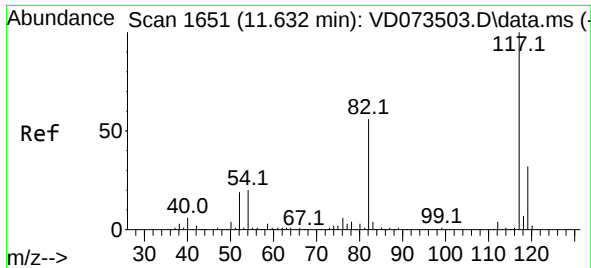
Ion Ratio Lower Upper

95 100

174 78.1 0.0 152.8

176 74.1 0.0 145.4

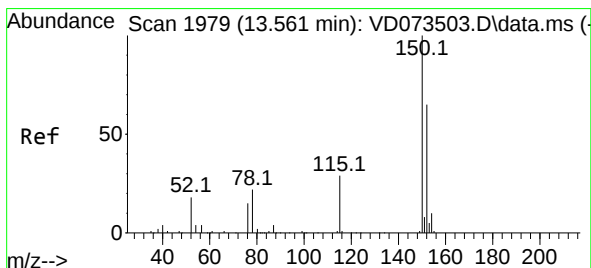
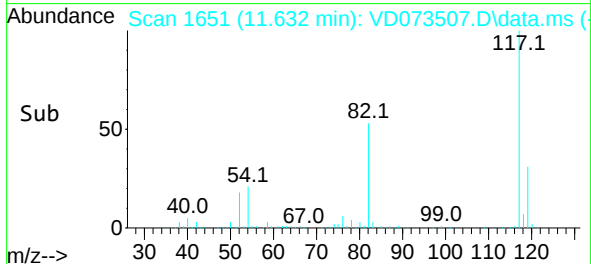
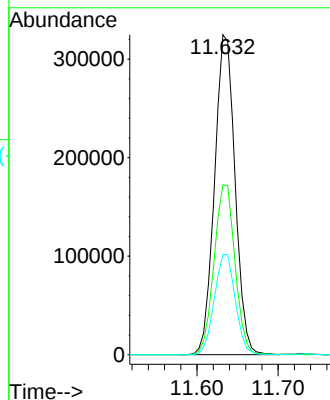
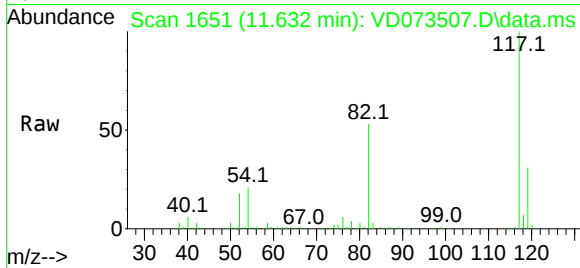




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073507.D
Acq: 09 Jun 2022 13:55

Instrument :
MSVOA_D
ClientSampleId :
VD0609SBL01

Tgt Ion:117 Resp: 571003
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073507.D
Acq: 09 Jun 2022 13:55

Tgt Ion:152 Resp: 289633
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 159.5 0.0 348.6

