

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073587.D
 Acq On : 15 Jun 2022 13:07
 Operator : VA/SY
 Sample : N3287-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Jun 16 06:02:59 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	288736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	489698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	456558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159357	51.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.860%
35) Dibromofluoromethane	7.909	113	155599	49.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.332	98	587707	49.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.620	95	201106	46.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.060%

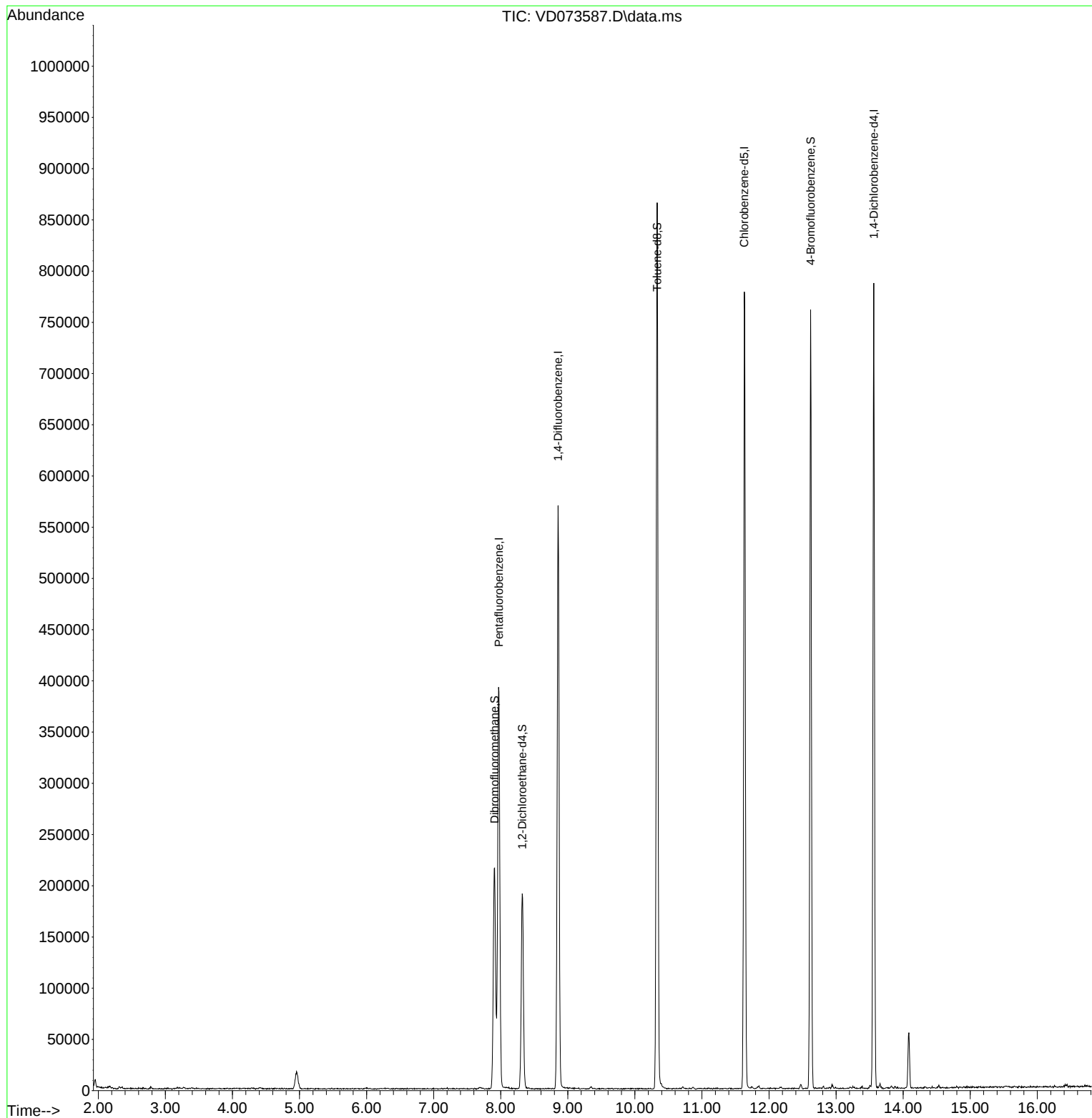
Target Compounds	Qvalue

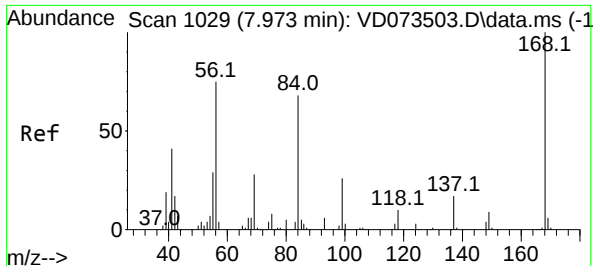
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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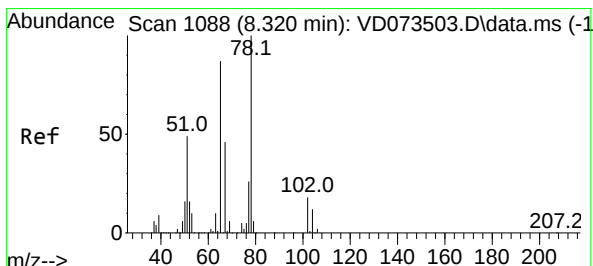
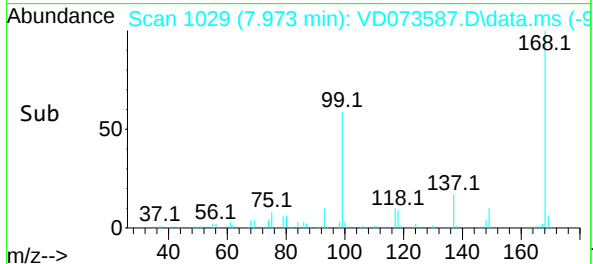
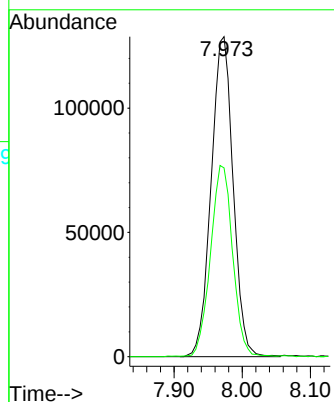
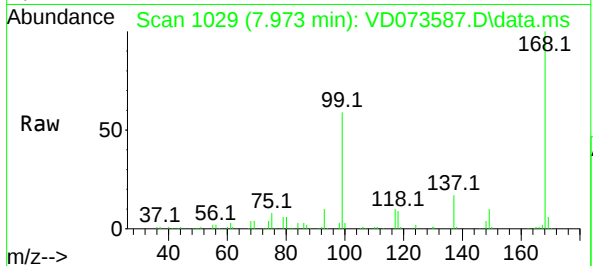




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

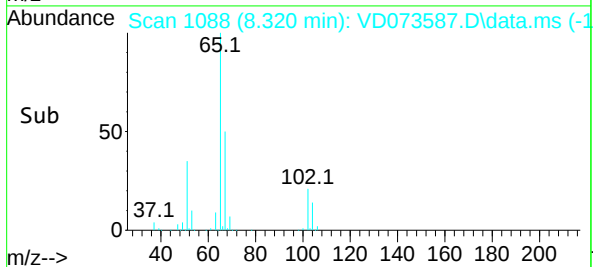
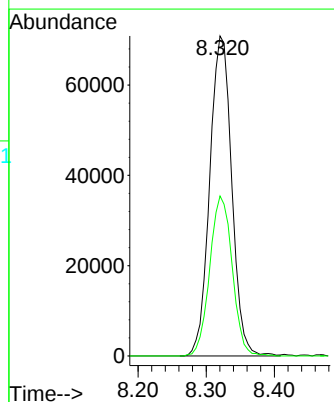
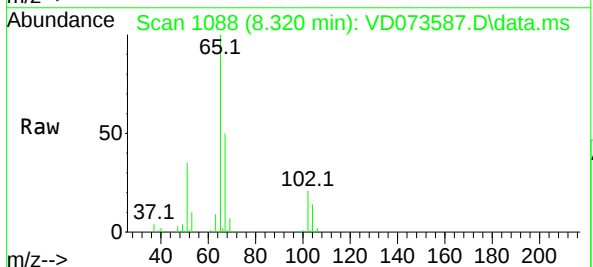
Instrument :
MSVOA_D
ClientSampleId :
SB-2

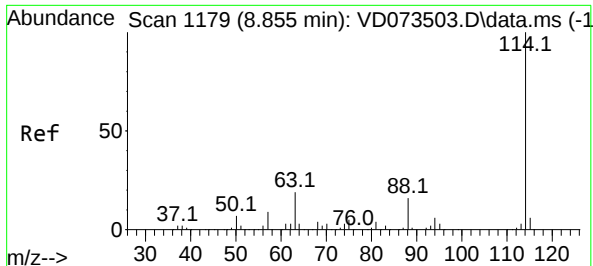
Tgt Ion:168 Resp: 288736
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.430 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 65 Resp: 159357
Ion Ratio Lower Upper
65 100
67 51.1 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: VD073587.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

SB-2

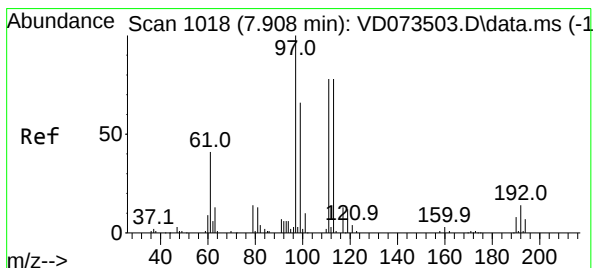
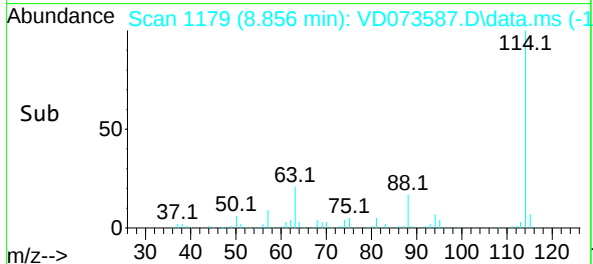
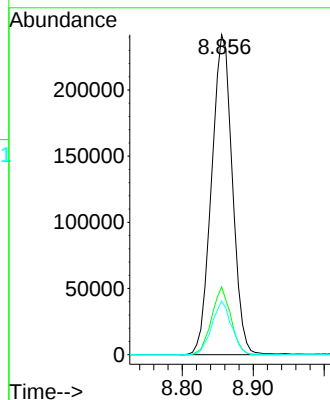
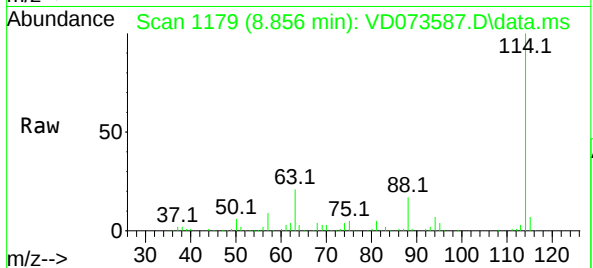
Tgt Ion:114 Resp: 489698

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.413 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

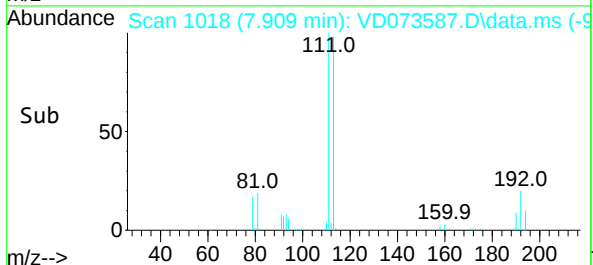
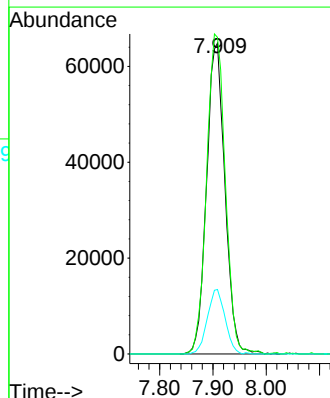
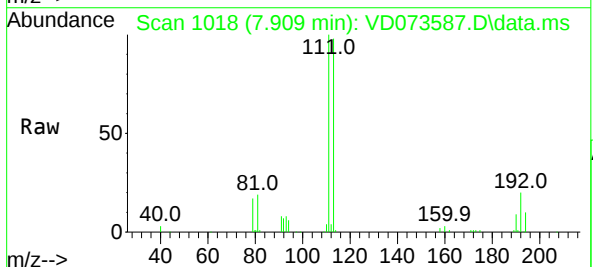
Tgt Ion:113 Resp: 155599

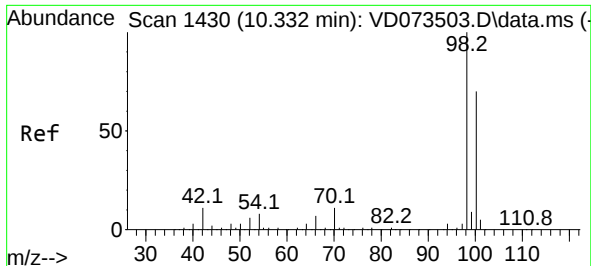
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 20.0 14.6 21.8

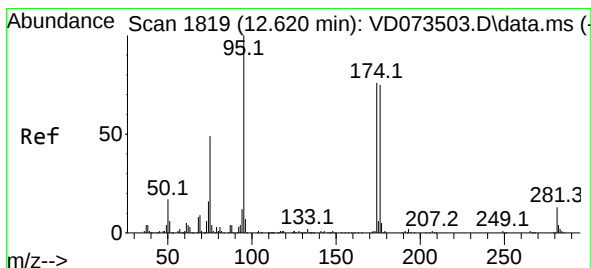
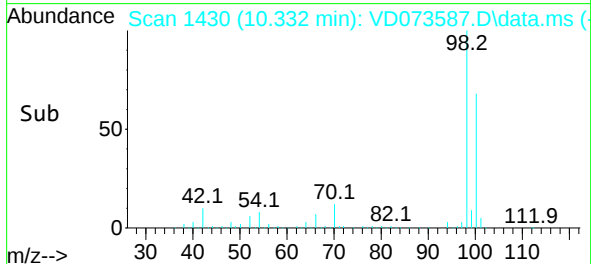
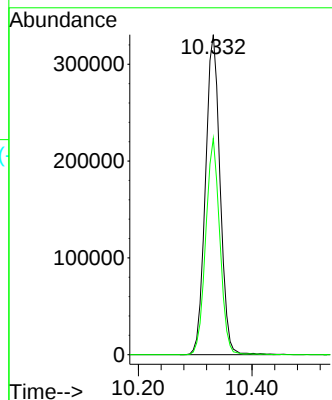
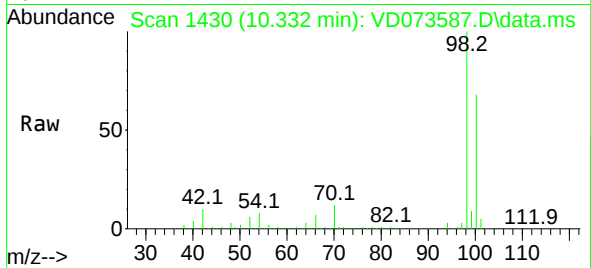




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

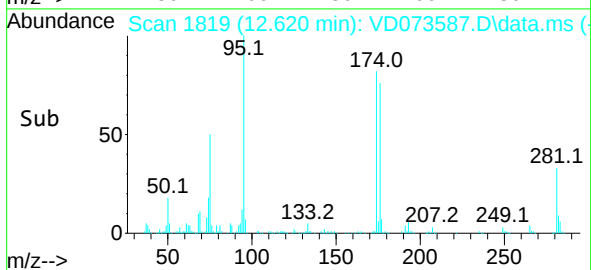
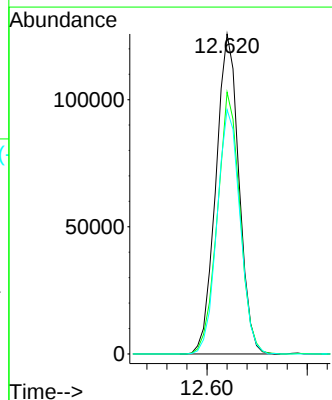
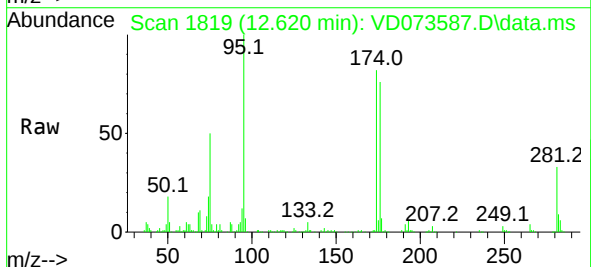
Instrument :
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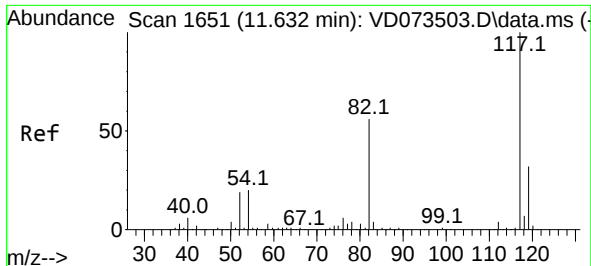
Tgt Ion: 98 Resp: 587707
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 95 Resp: 201106
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 76.1 0.0 145.4

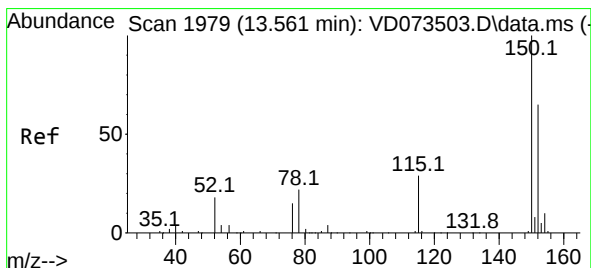
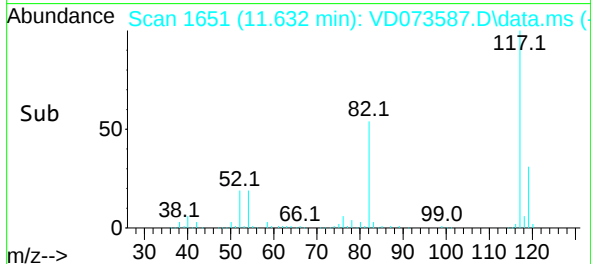
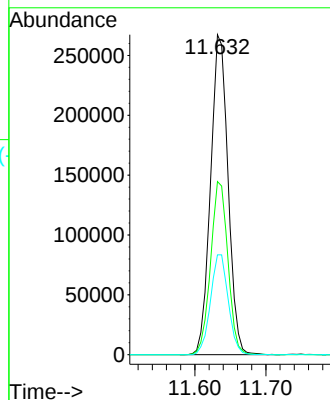
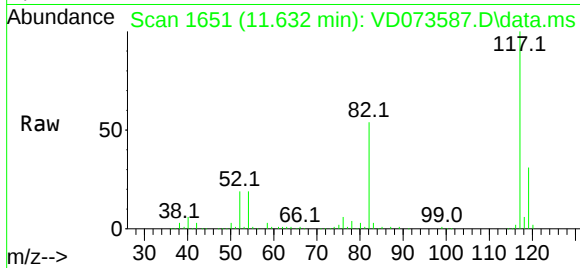




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 456558
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.2 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: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion:152 Resp: 206888
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 158.5 0.0 348.6

