

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073682.D
 Acq On : 24 Jun 2022 12:33
 Operator : VA/SY
 Sample : VD0624SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL01

Quant Time: Jun 25 07:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	182760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	322679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	309811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	143400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	122600	54.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.240%
35) Dibromofluoromethane	7.903	113	128547	51.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.332	98	401587	44.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.620	95	154487	45.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.280%

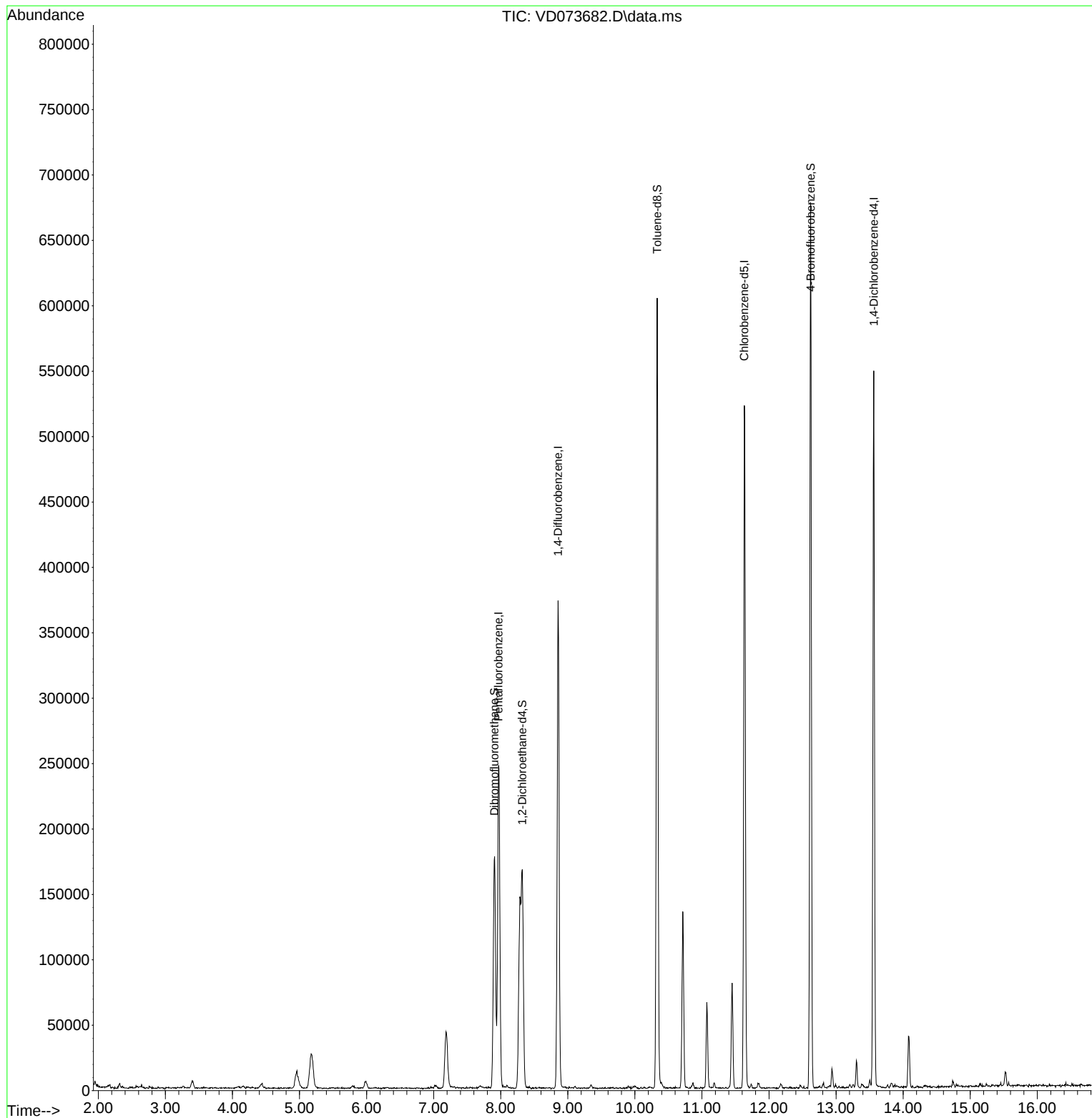
Target Compounds	Qvalue

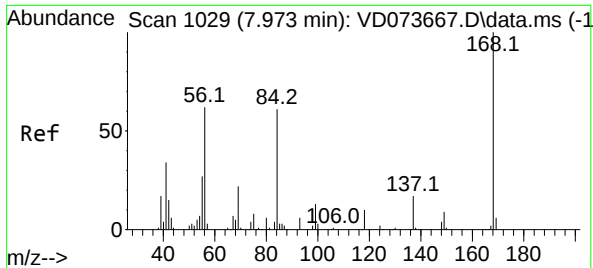
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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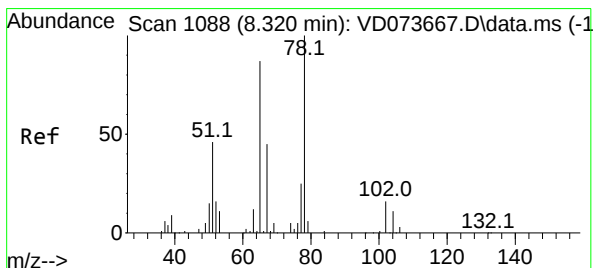
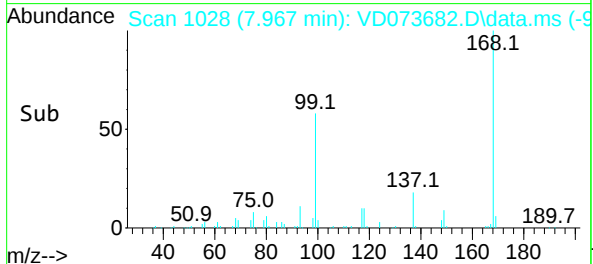
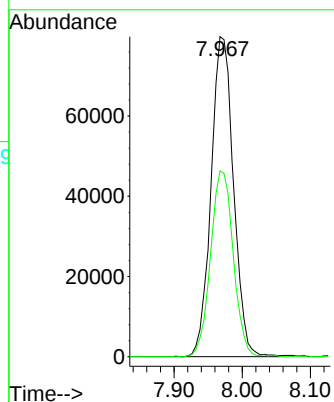
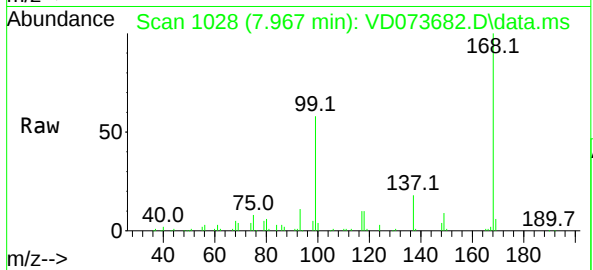




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

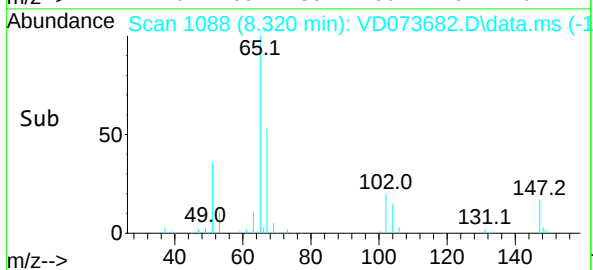
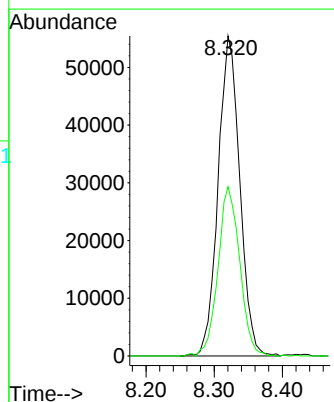
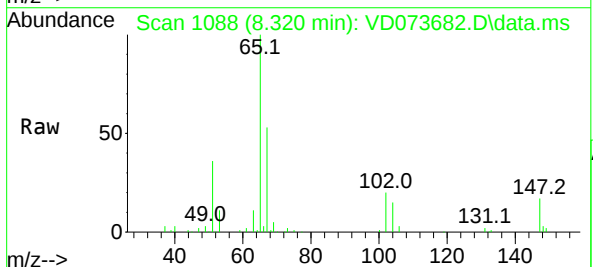
Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

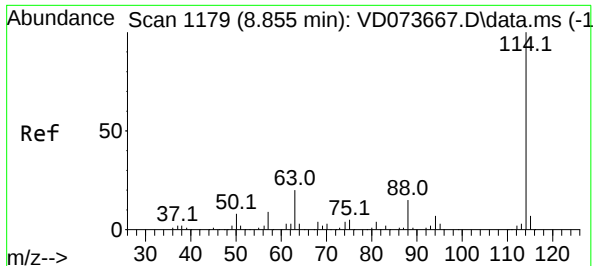
Tgt Ion:168 Resp: 182760
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.617 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 65 Resp: 122600
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073682.D

Acq: 24 Jun 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD0624SBL01

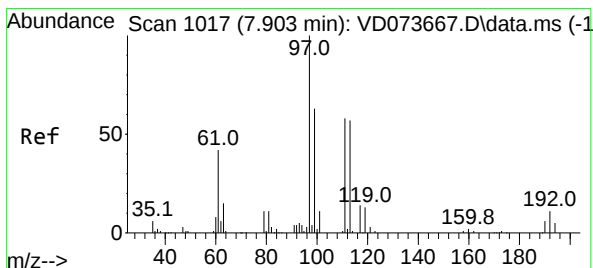
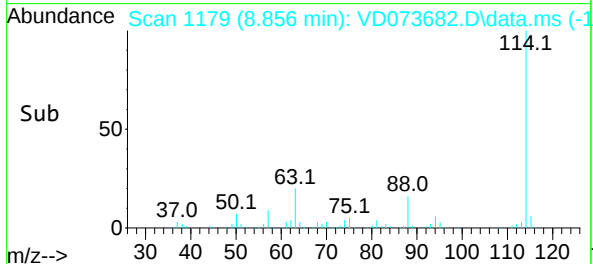
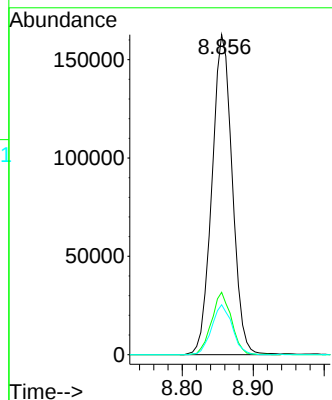
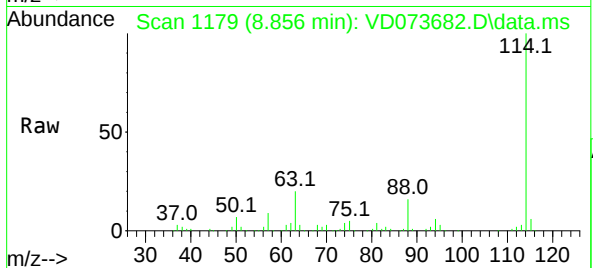
Tgt Ion:114 Resp: 322679

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 51.139 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD073682.D

Acq: 24 Jun 2022 12:33

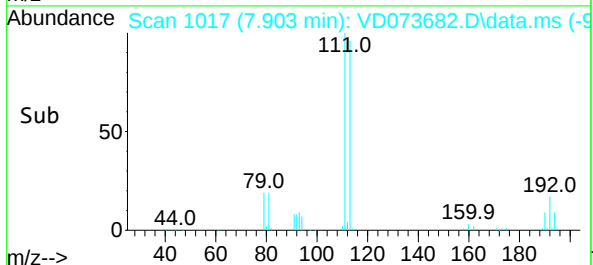
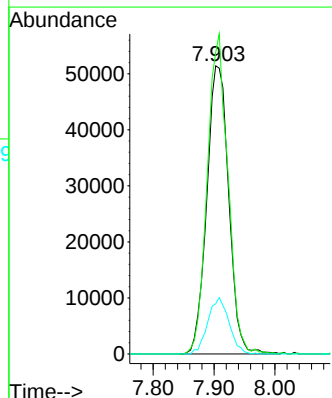
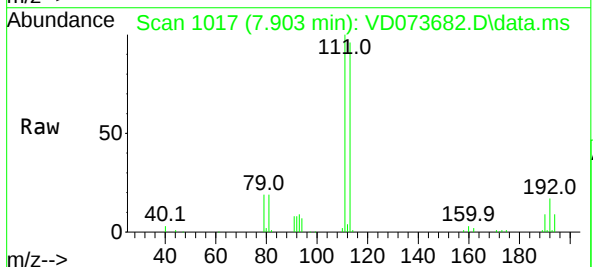
Tgt Ion:113 Resp: 128547

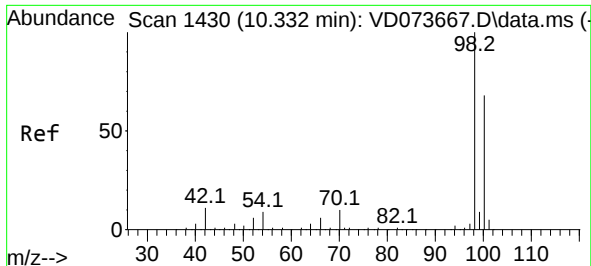
Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.6

192 18.9 14.8 22.2

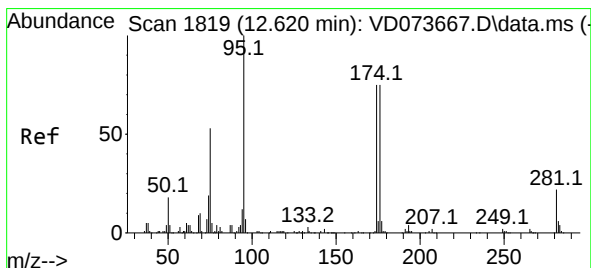
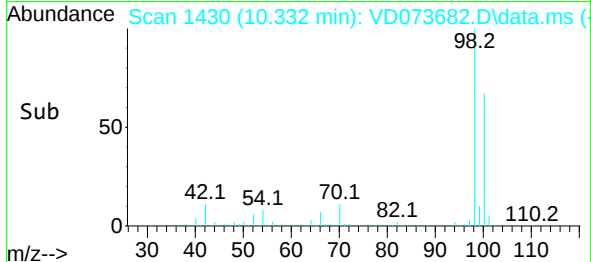
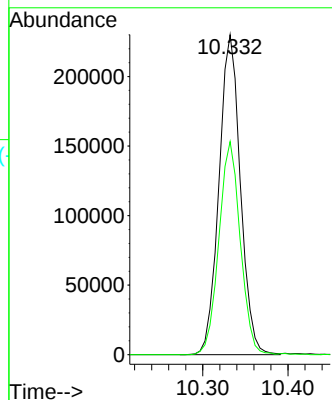
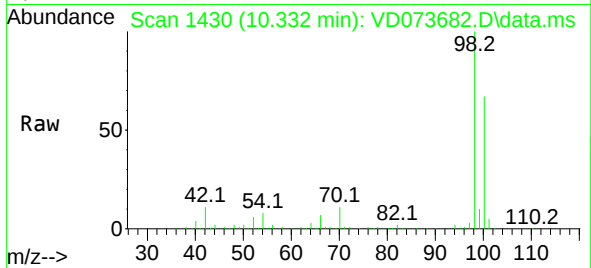




#50
Toluene-d8
Concen: 44.495 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

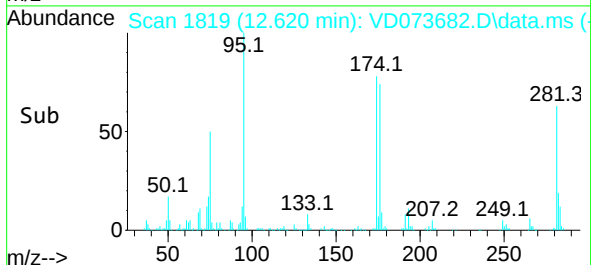
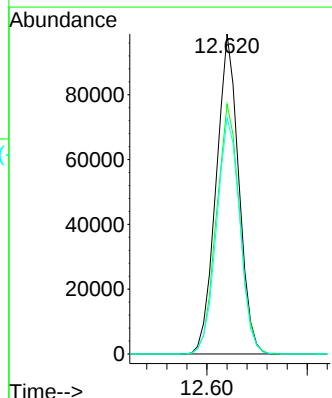
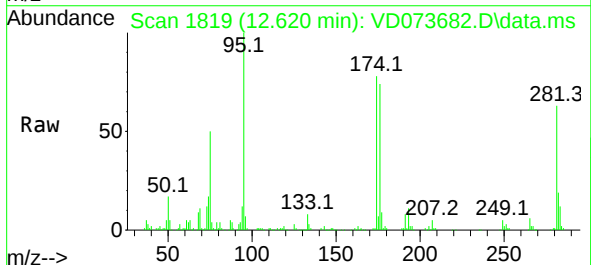
Instrument :
MSVOA_D
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VD0624SBL01

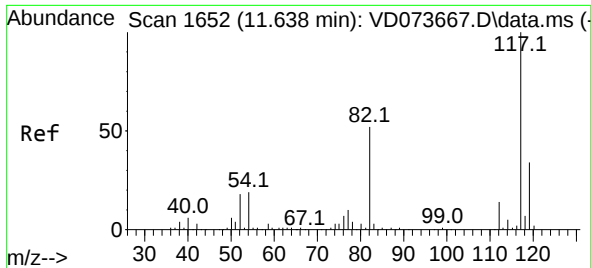
Tgt Ion: 98 Resp: 401587
Ion Ratio Lower Upper
98 100
100 66.7 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 45.637 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion: 95 Resp: 154487
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.4
176 75.9 0.0 154.8

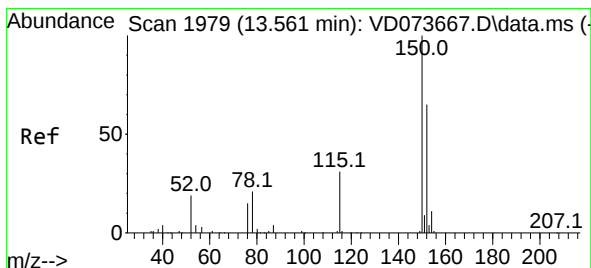
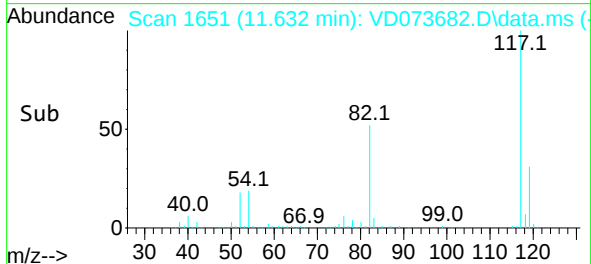
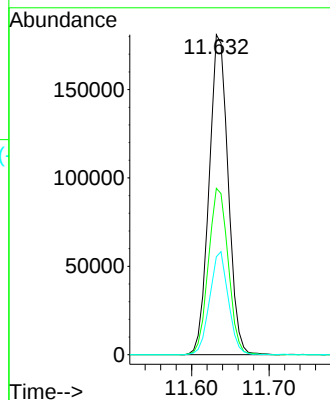
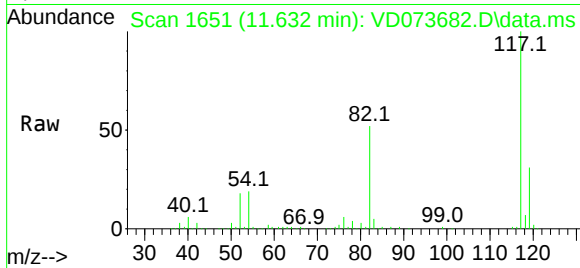




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

Tgt Ion:117 Resp: 309811
Ion Ratio Lower Upper
117 100
82 52.0 41.5 62.3
119 30.6 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073682.D
Acq: 24 Jun 2022 12:33

Tgt Ion:152 Resp: 143400
Ion Ratio Lower Upper
152 100
115 59.0 30.6 91.6
150 158.9 0.0 355.0

