

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073918.D
 Acq On : 02 Aug 2022 11:03
 Operator : VA/SY
 Sample : VD0802SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Quant Time: Aug 03 04:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	146794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	275700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	266239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	123748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86069	73.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.860%
35) Dibromofluoromethane	7.908	113	95429	55.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.332	98	332290	57.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.180%
62) 4-Bromofluorobenzene	12.620	95	120112	56.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.220%

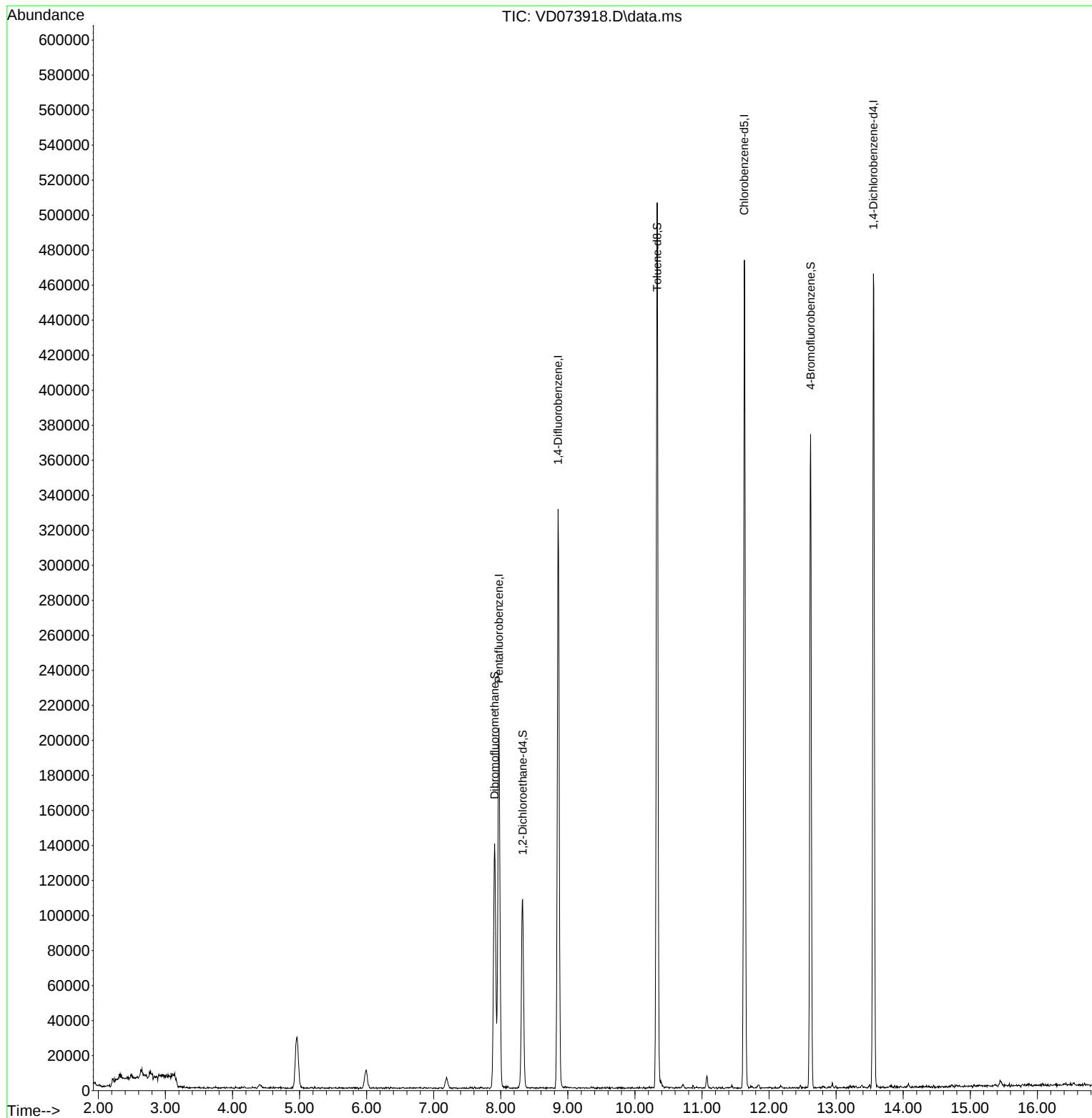
Target Compounds	Qvalue

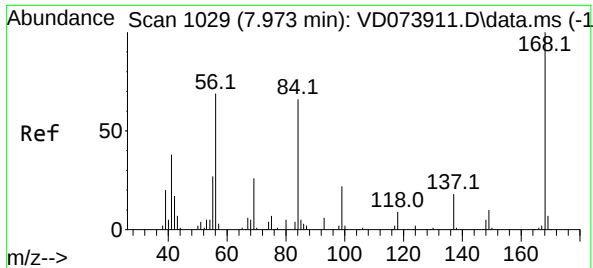
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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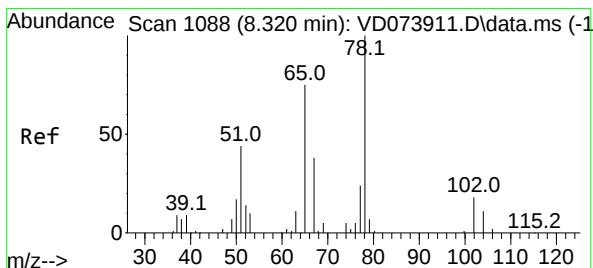
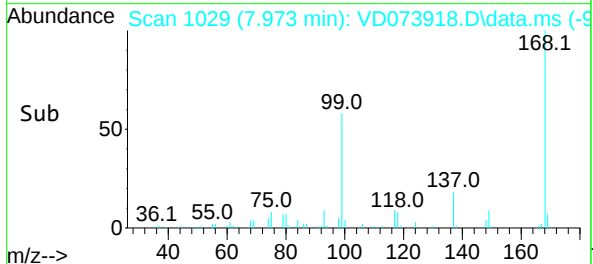
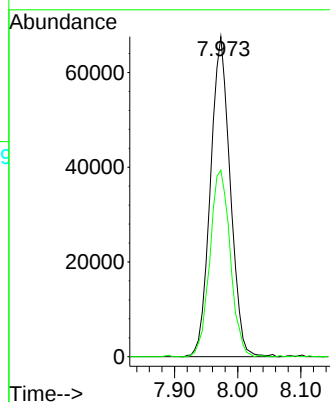
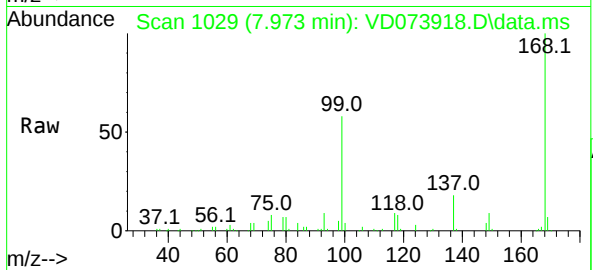




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

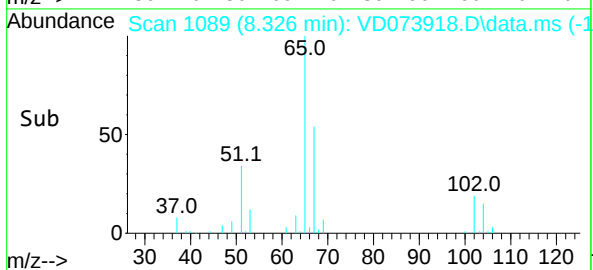
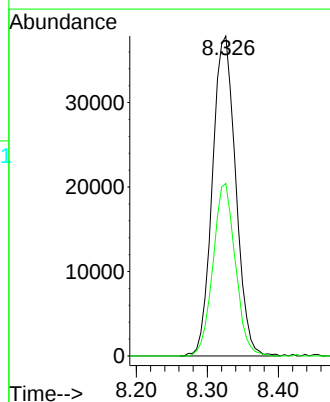
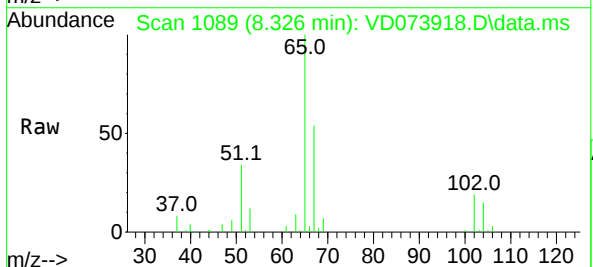
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

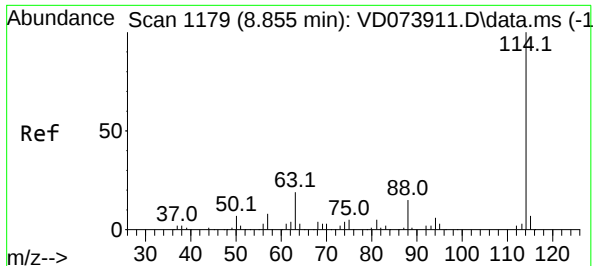
Tgt Ion:168 Resp: 146794
Ion Ratio Lower Upper
168 100
99 58.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 73.426 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 65 Resp: 86069
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073918.D

Acq: 02 Aug 2022 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL01

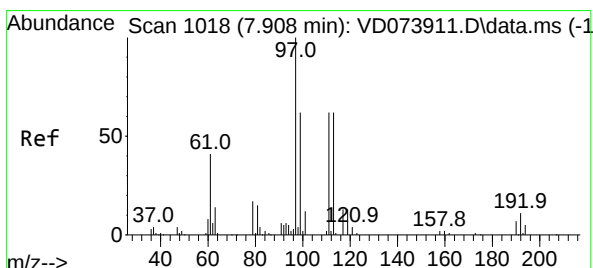
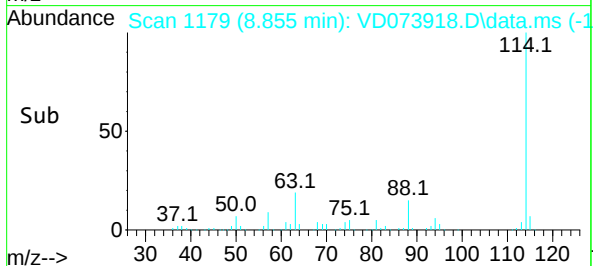
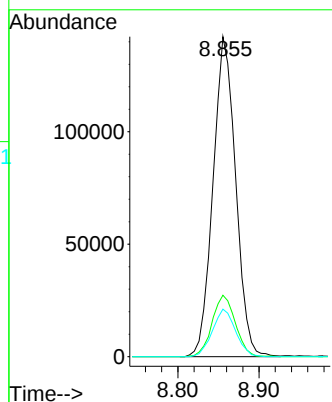
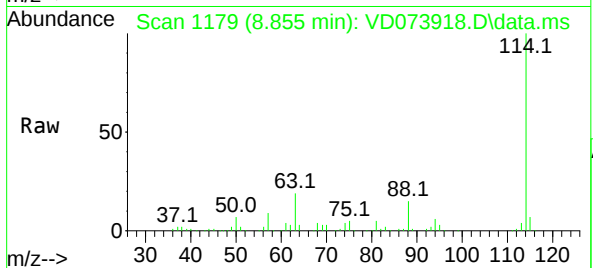
Tgt Ion:114 Resp: 275700

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 14.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 55.710 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073918.D

Acq: 02 Aug 2022 11:03

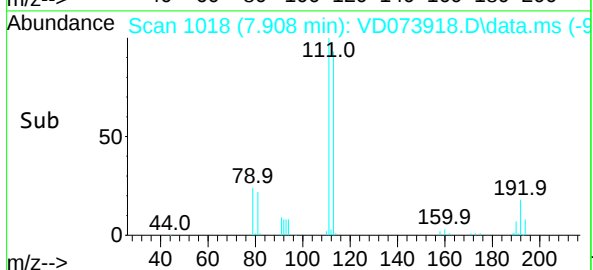
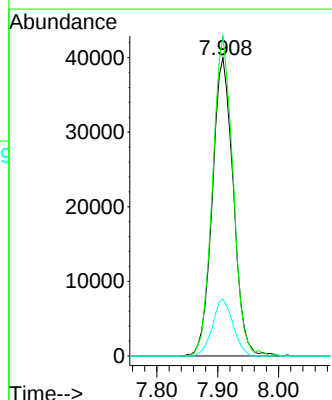
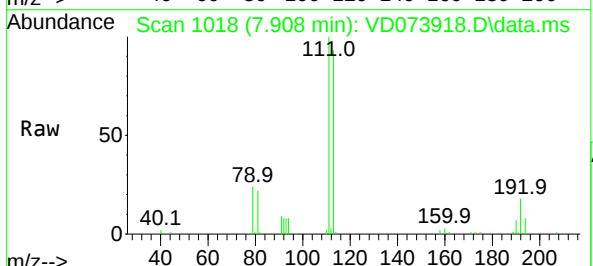
Tgt Ion:113 Resp: 95429

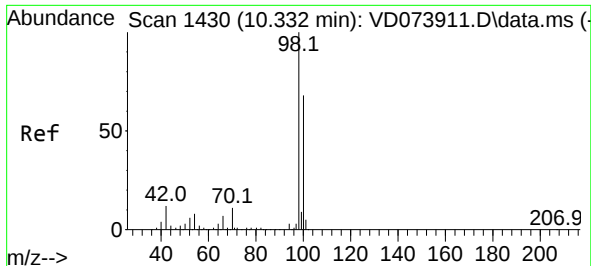
Ion Ratio Lower Upper

113 100

111 104.5 83.7 125.5

192 18.7 15.0 22.6

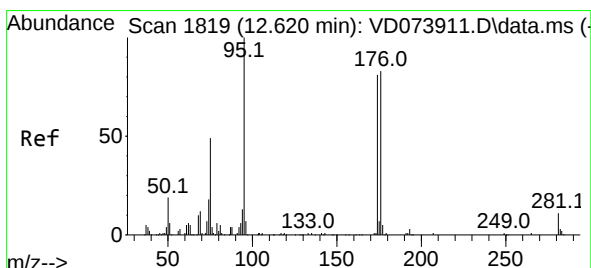
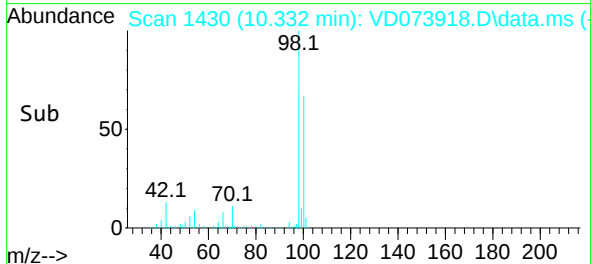
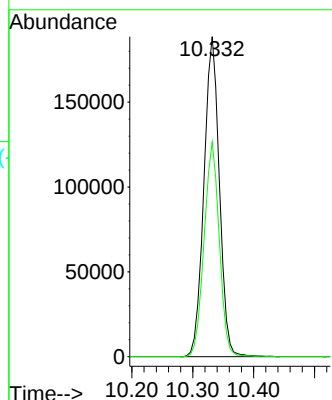
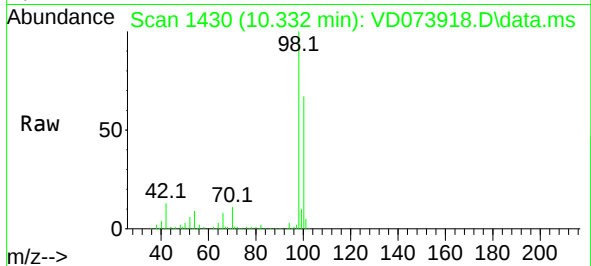




#50
Toluene-d8
Concen: 57.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

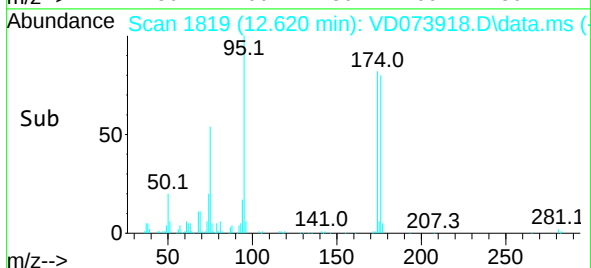
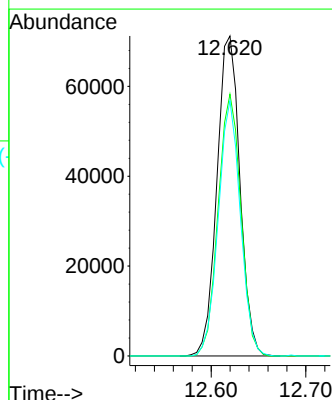
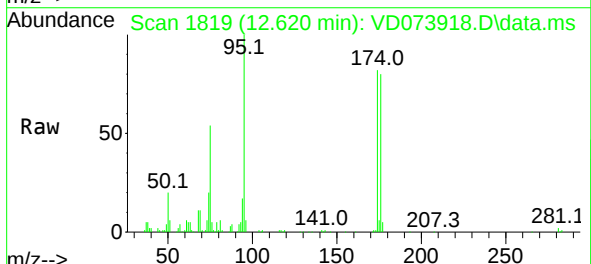
Instrument :
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VD0802SBL01

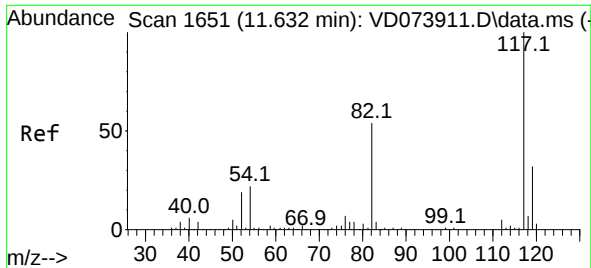
Tgt Ion: 98 Resp: 332290
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.606 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion: 95 Resp: 120112
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.2
176 76.6 0.0 161.4

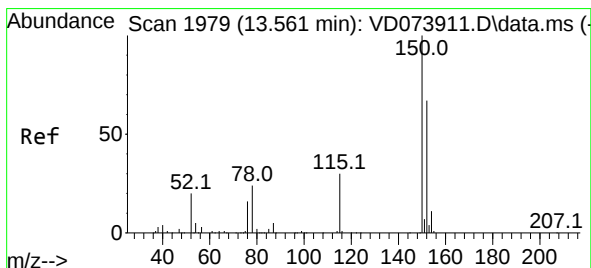
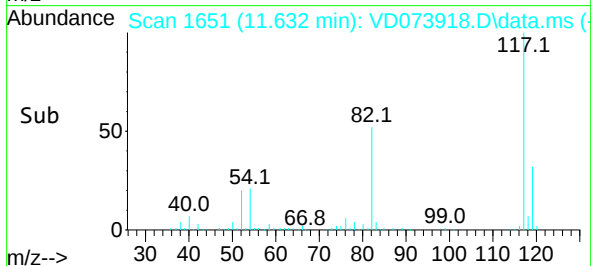
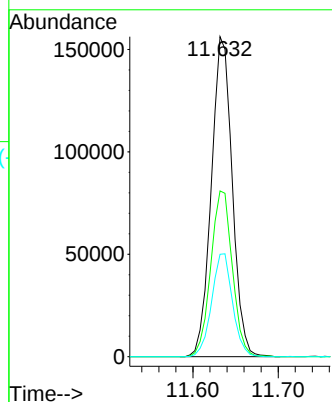
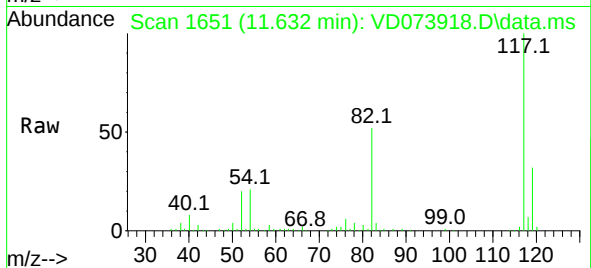




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

Tgt Ion:117 Resp: 266239
Ion Ratio Lower Upper
117 100
82 51.8 43.3 64.9
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073918.D
Acq: 02 Aug 2022 11:03

Tgt Ion:152 Resp: 123748
Ion Ratio Lower Upper
152 100
115 60.2 29.1 87.3
150 155.6 0.0 338.2

