

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073854.D
 Acq On : 18 Jul 2022 17:39
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 19 02:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	123525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	254552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	238931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81274	55.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.909	113	88987	49.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.332	98	316464	48.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	106993	47.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%

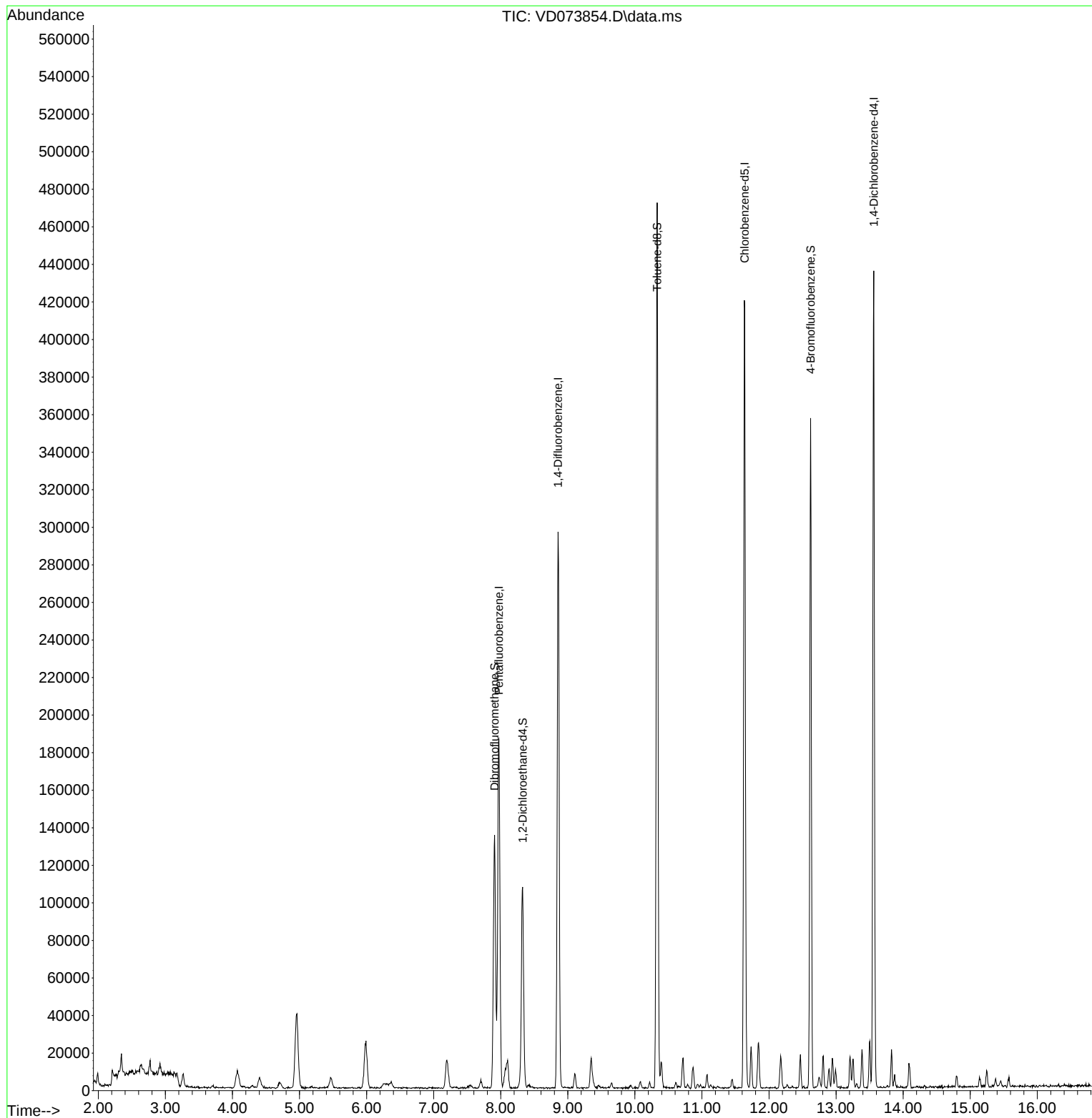
Target Compounds	Qvalue

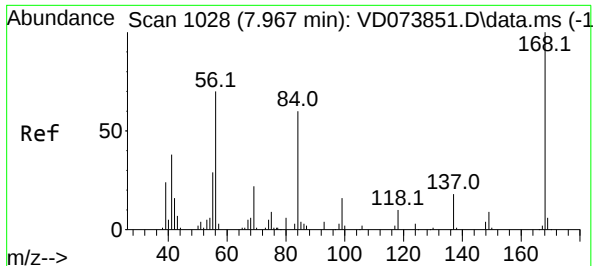
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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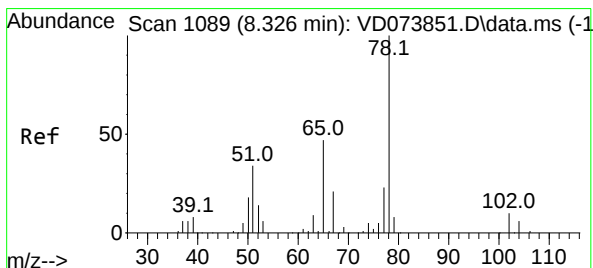
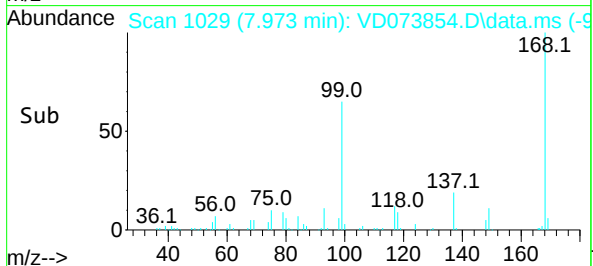
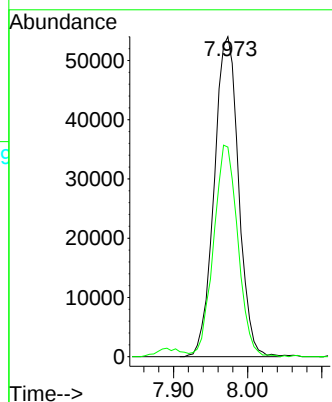
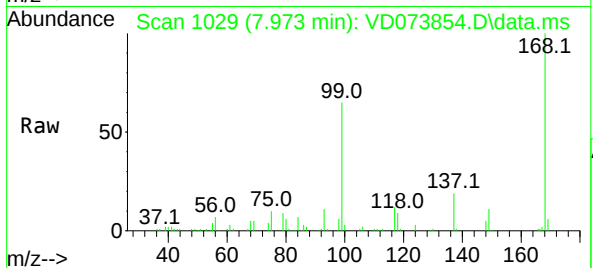




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

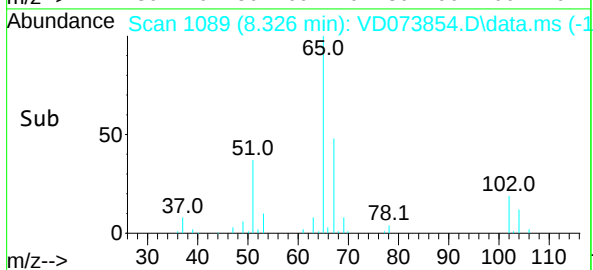
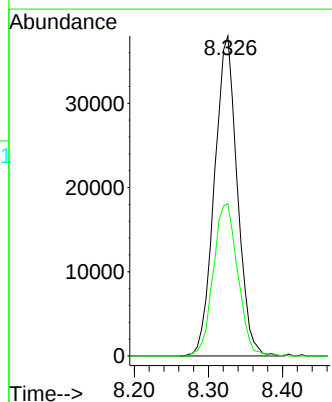
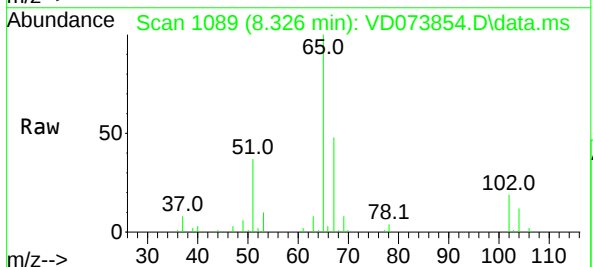
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

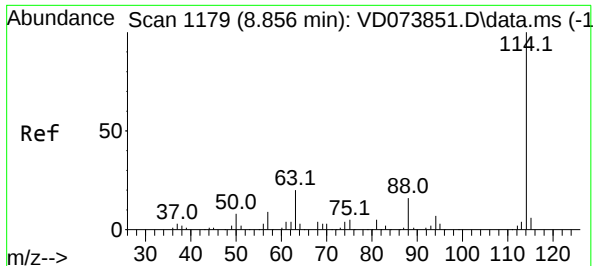
Tgt Ion:168 Resp: 123525
Ion Ratio Lower Upper
168 100
99 65.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 55.100 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 65 Resp: 81274
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

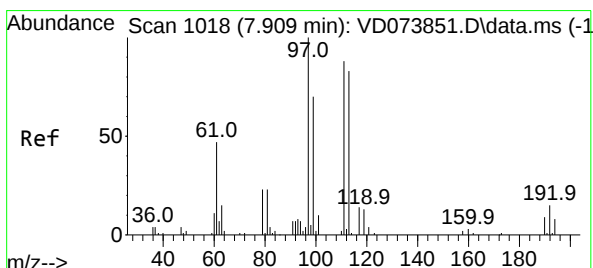
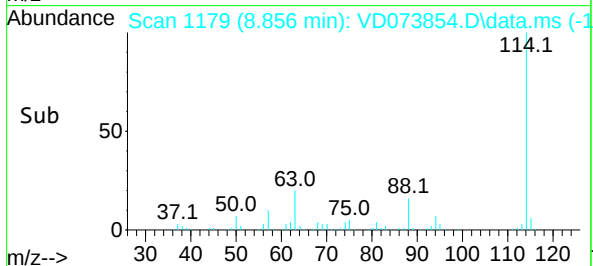
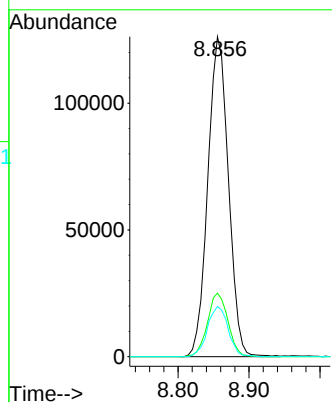
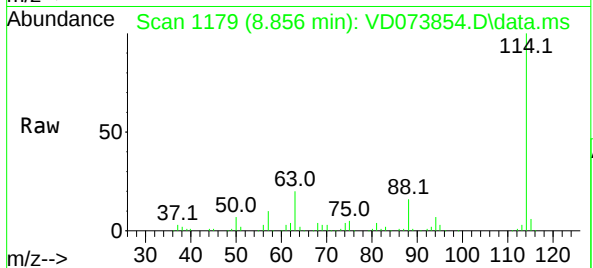
Tgt Ion:114 Resp: 254552

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.552 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

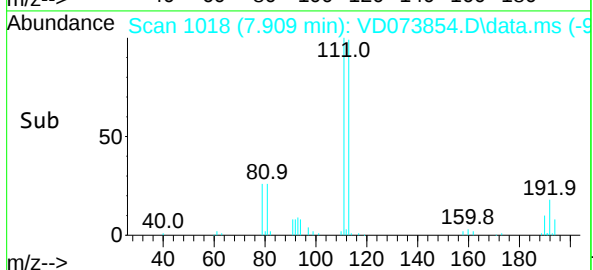
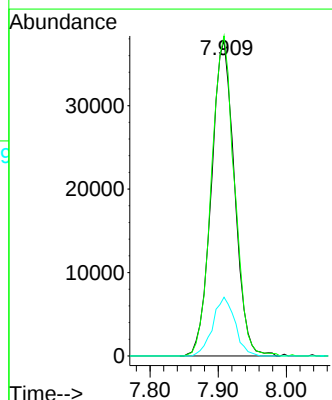
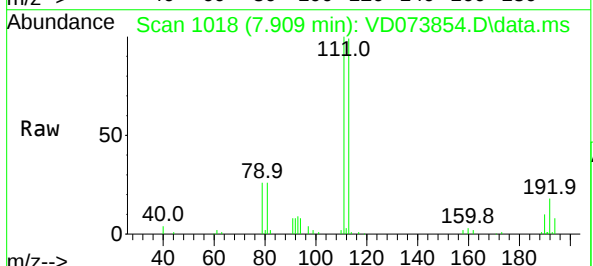
Tgt Ion:113 Resp: 88987

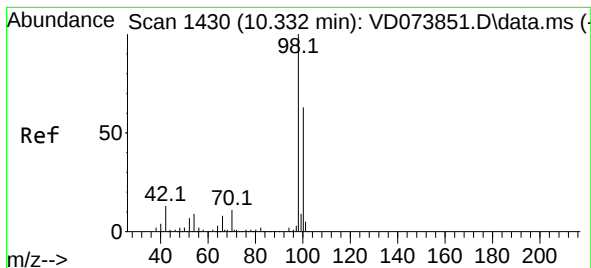
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.0 14.6 21.8





#50

Toluene-d8

Concen: 48.543 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

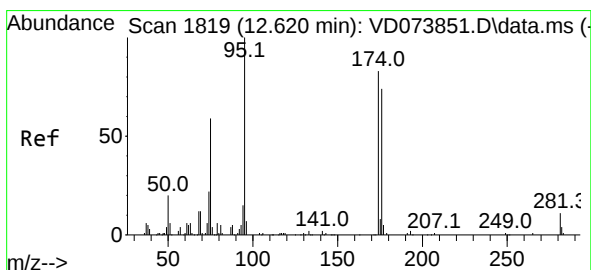
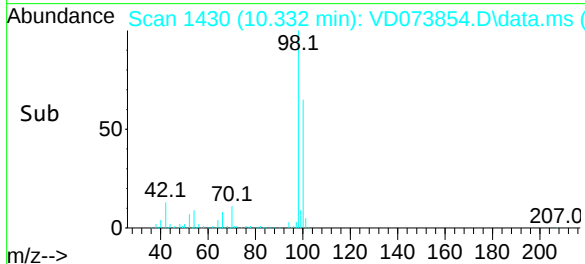
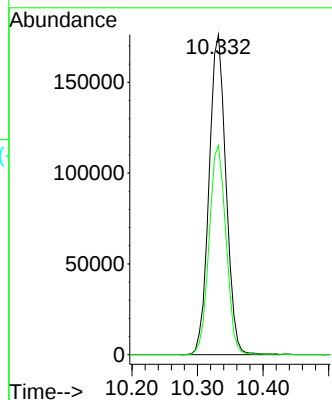
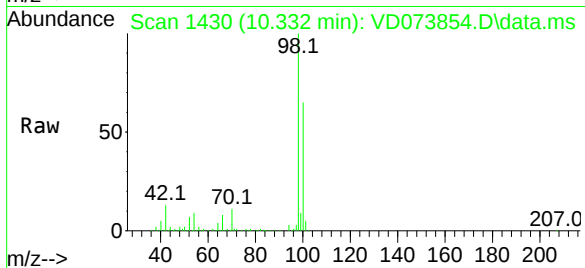
VIBLK

Tgt Ion: 98 Resp: 316464

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.734 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

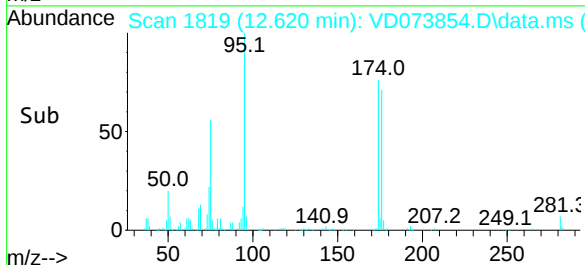
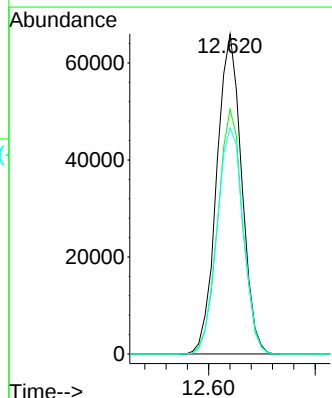
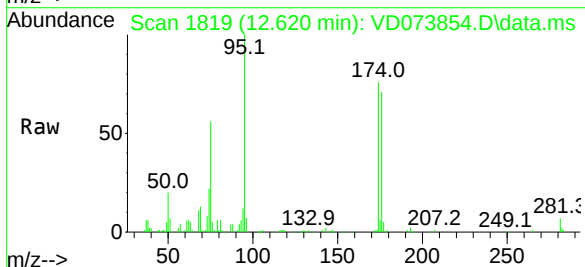
Tgt Ion: 95 Resp: 106993

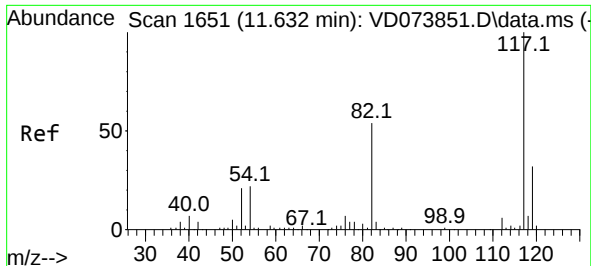
Ion Ratio Lower Upper

95 100

174 76.3 0.0 152.8

176 74.6 0.0 145.4

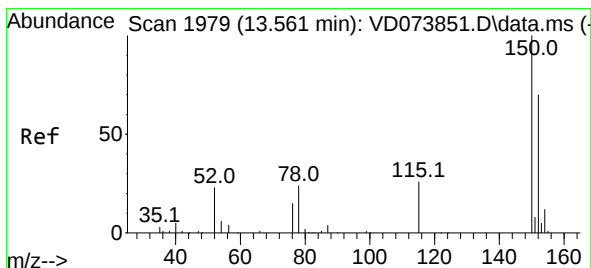
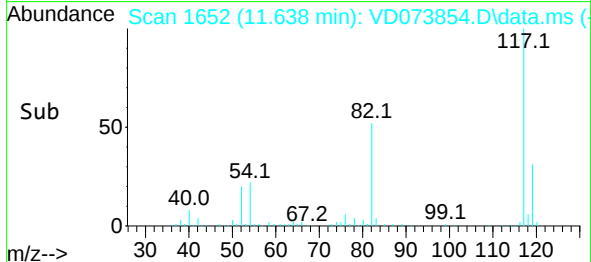
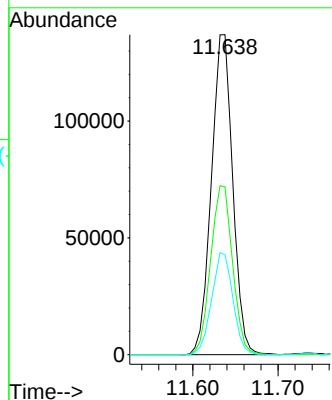
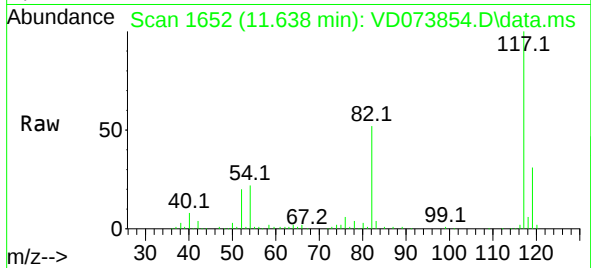




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 238931
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 31.3 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: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion:152 Resp: 106732
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.8
150 155.6 0.0 348.6

