

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071420.D
 Acq On : 21 Dec 2021 19:40
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 21 20:02:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	513124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	915194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	821181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	368599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	302935	50.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.914	113	289859	49.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.338	98	1147207	51.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.626	95	379521	49.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.740%

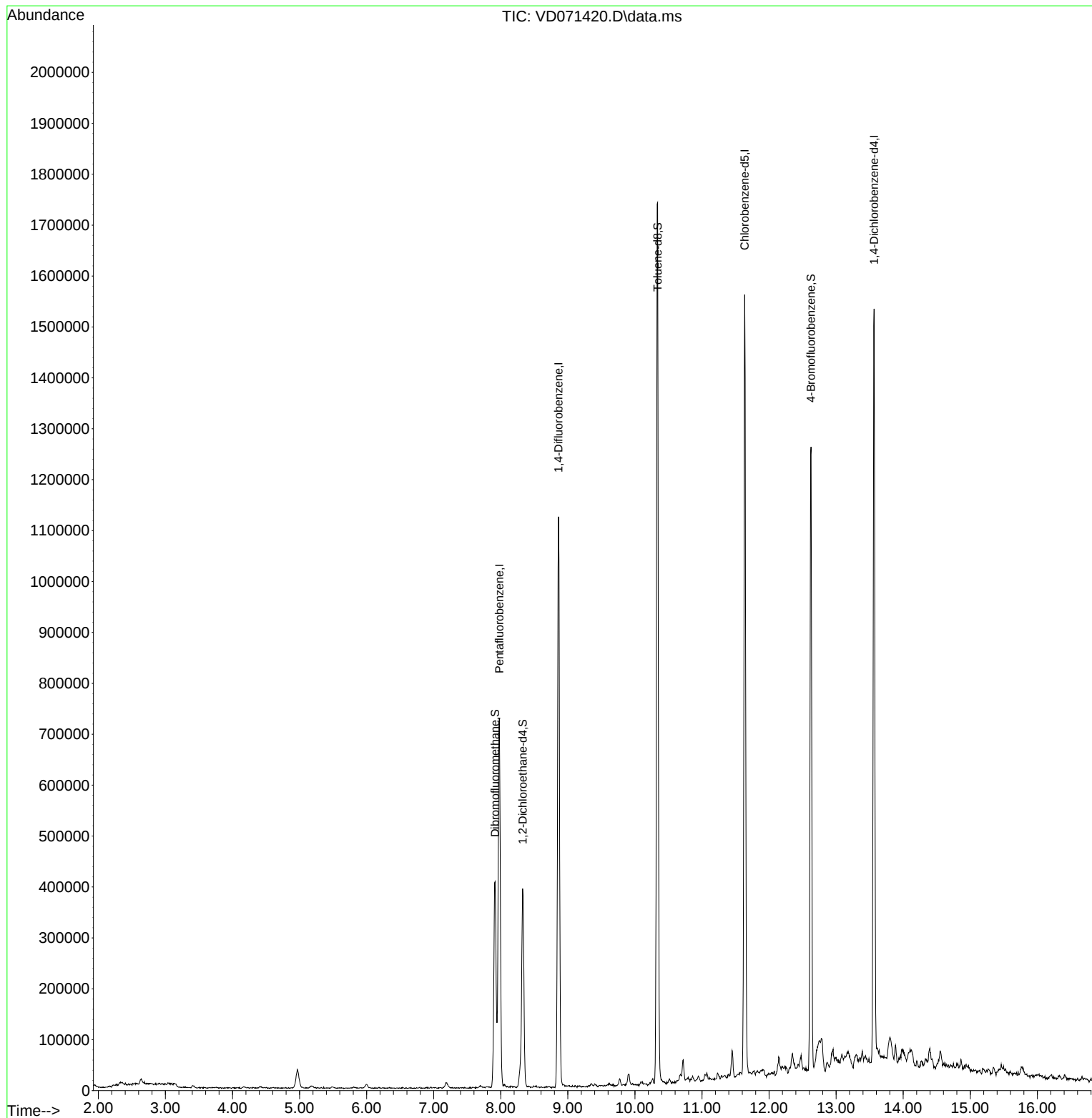
Target Compounds	Qvalue

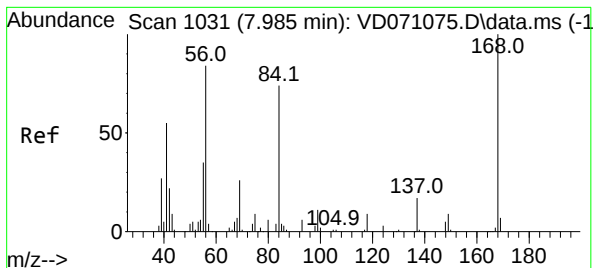
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071420.D

Acq: 21 Dec 2021 19:40

Instrument :

MSVOA_D

ClientSampleId :

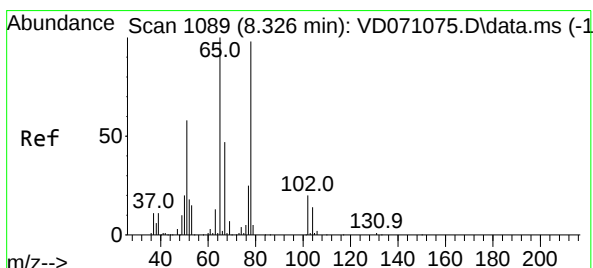
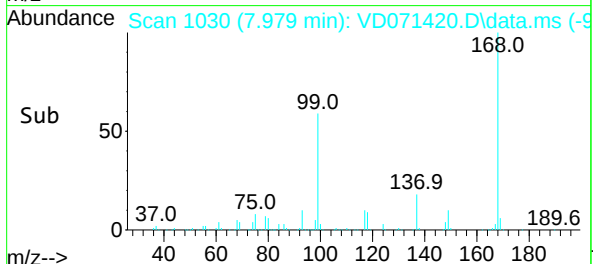
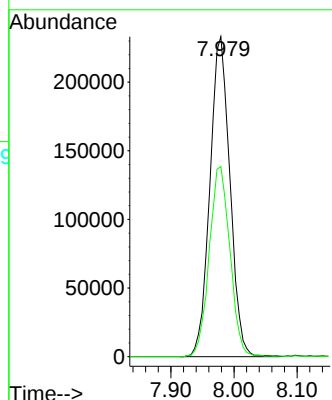
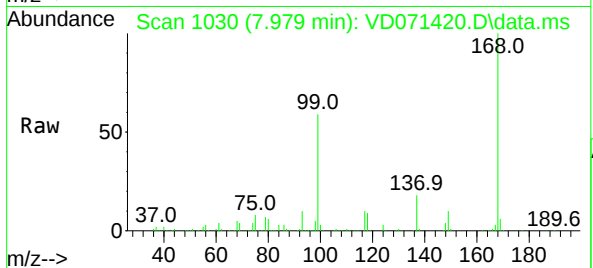
VIBLK

Tgt Ion:168 Resp: 513124

Ion Ratio Lower Upper

168 100

99 59.4 46.6 69.8



#33

1,2-Dichloroethane-d4

Concen: 50.314 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071420.D

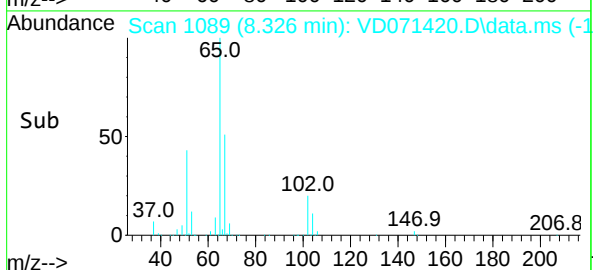
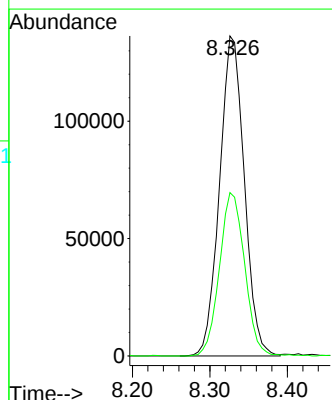
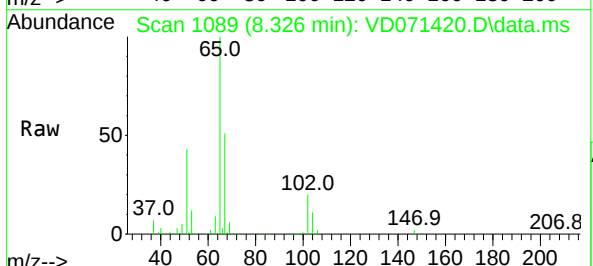
Acq: 21 Dec 2021 19:40

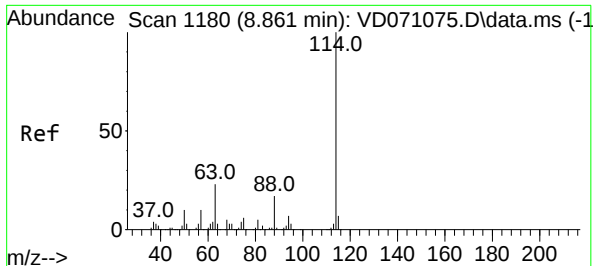
Tgt Ion: 65 Resp: 302935

Ion Ratio Lower Upper

65 100

67 52.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071420.D

Acq: 21 Dec 2021 19:40

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

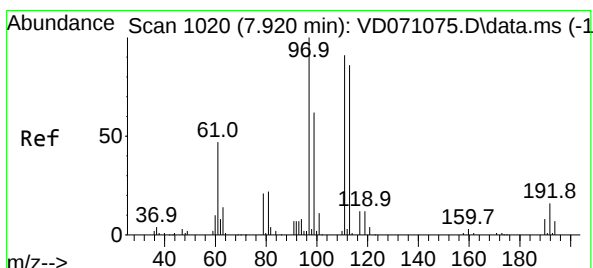
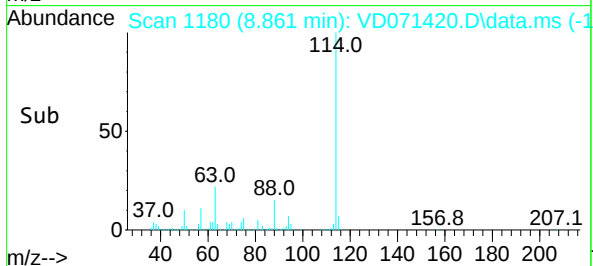
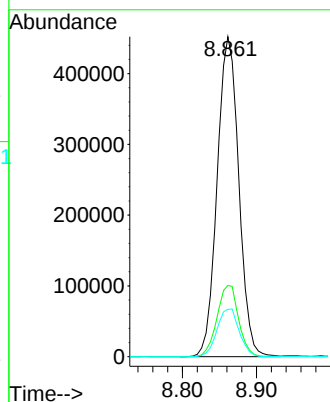
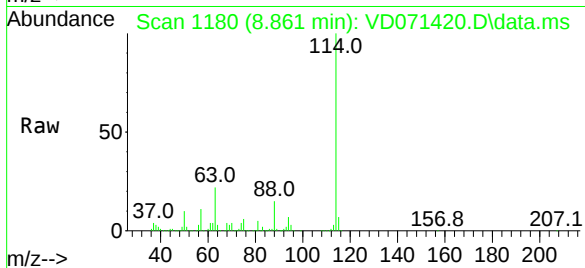
Tgt Ion:114 Resp: 915194

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 14.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.737 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071420.D

Acq: 21 Dec 2021 19:40

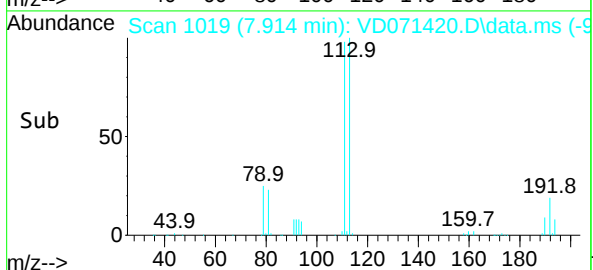
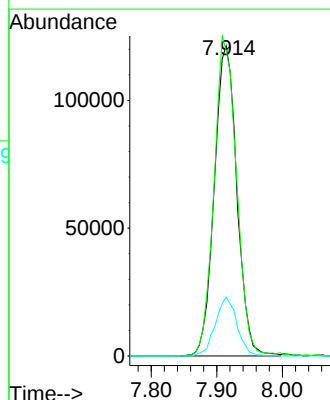
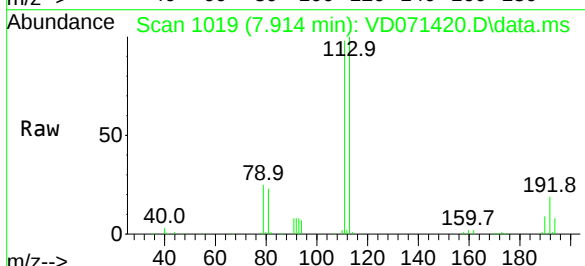
Tgt Ion:113 Resp: 289859

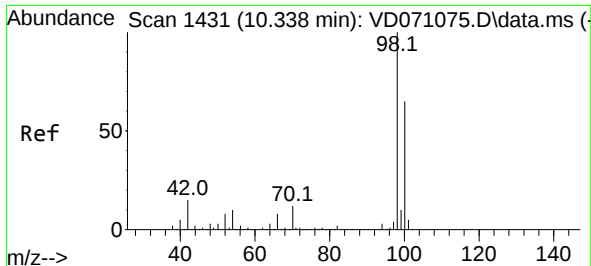
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 18.2 15.2 22.8

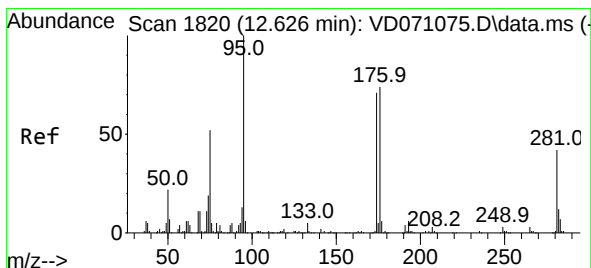
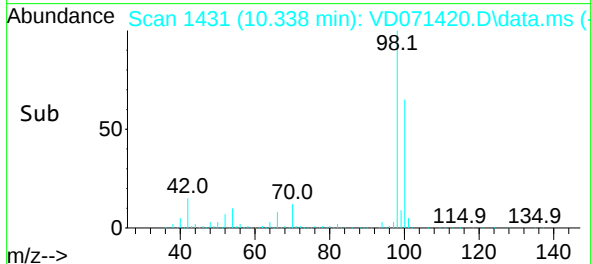
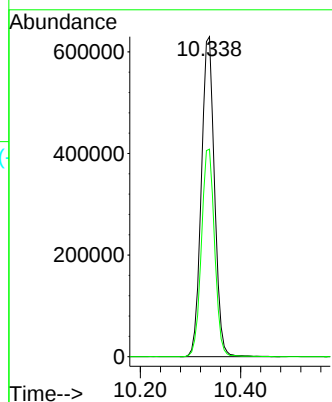
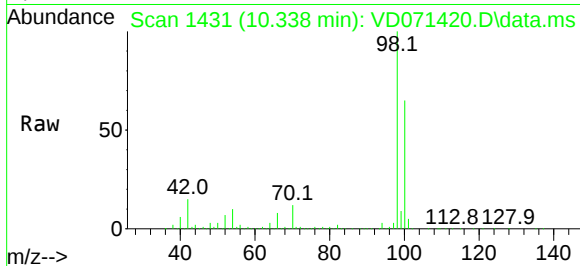




#50
Toluene-d8
Concen: 51.727 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

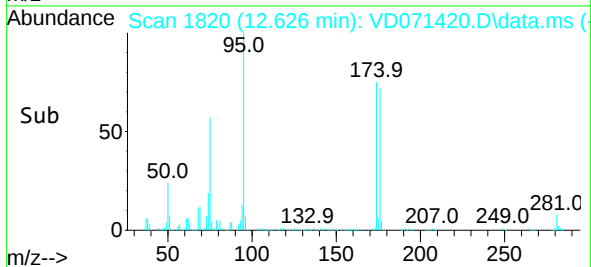
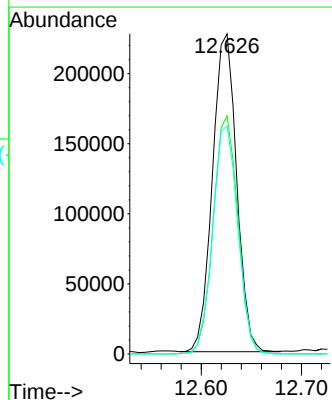
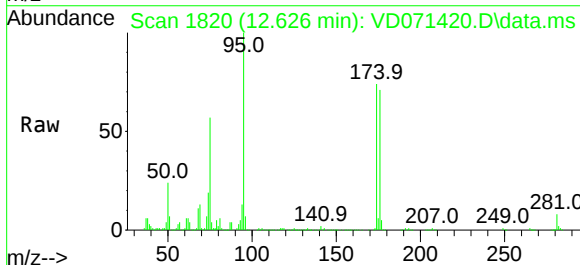
Instrument :
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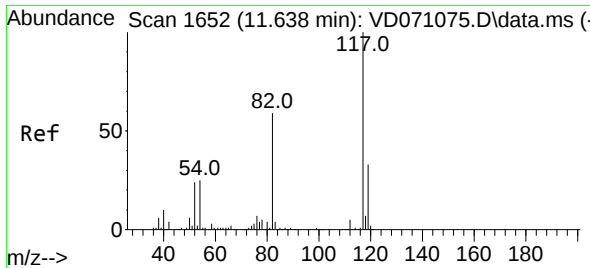
Tgt Ion: 98 Resp: 1147207
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.367 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Tgt Ion: 95 Resp: 379521
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 74.3 0.0 154.0

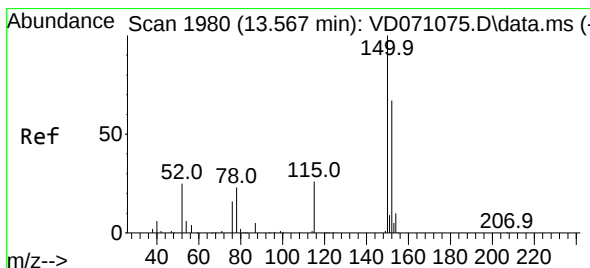
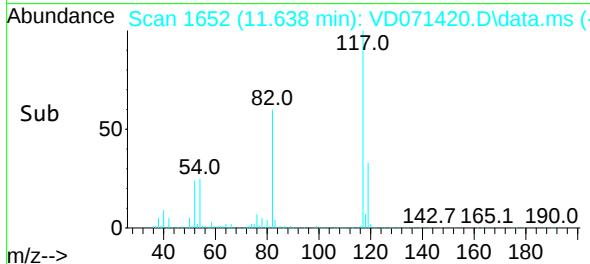
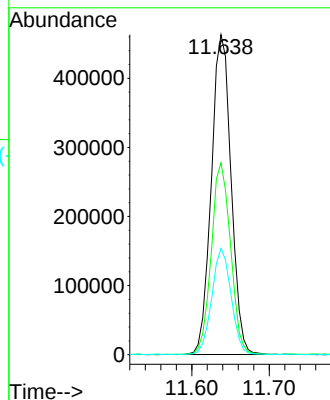
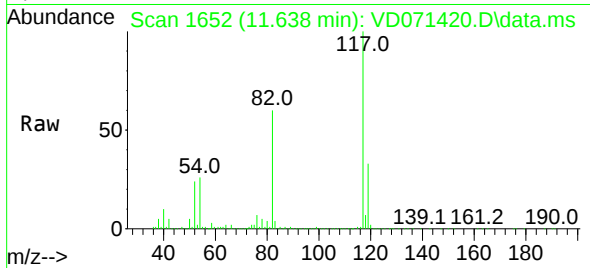




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 821181
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071420.D
Acq: 21 Dec 2021 19:40

Tgt Ion:152 Resp: 368599
Ion Ratio Lower Upper
152 100
115 61.7 29.8 89.3
150 157.7 0.0 349.2

