

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071980.D
 Acq On : 15 Feb 2022 16:38
 Operator : VA/SY
 Sample : N1532-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Feb 16 00:37:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	360626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	685091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	651160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	270960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223761	49.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.18%
35) Dibromofluoromethane	7.909	113	219646	48.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.54%
50) Toluene-d8	10.338	98	885831	52.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.34%
62) 4-Bromofluorobenzene	12.626	95	276672	47.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.22%

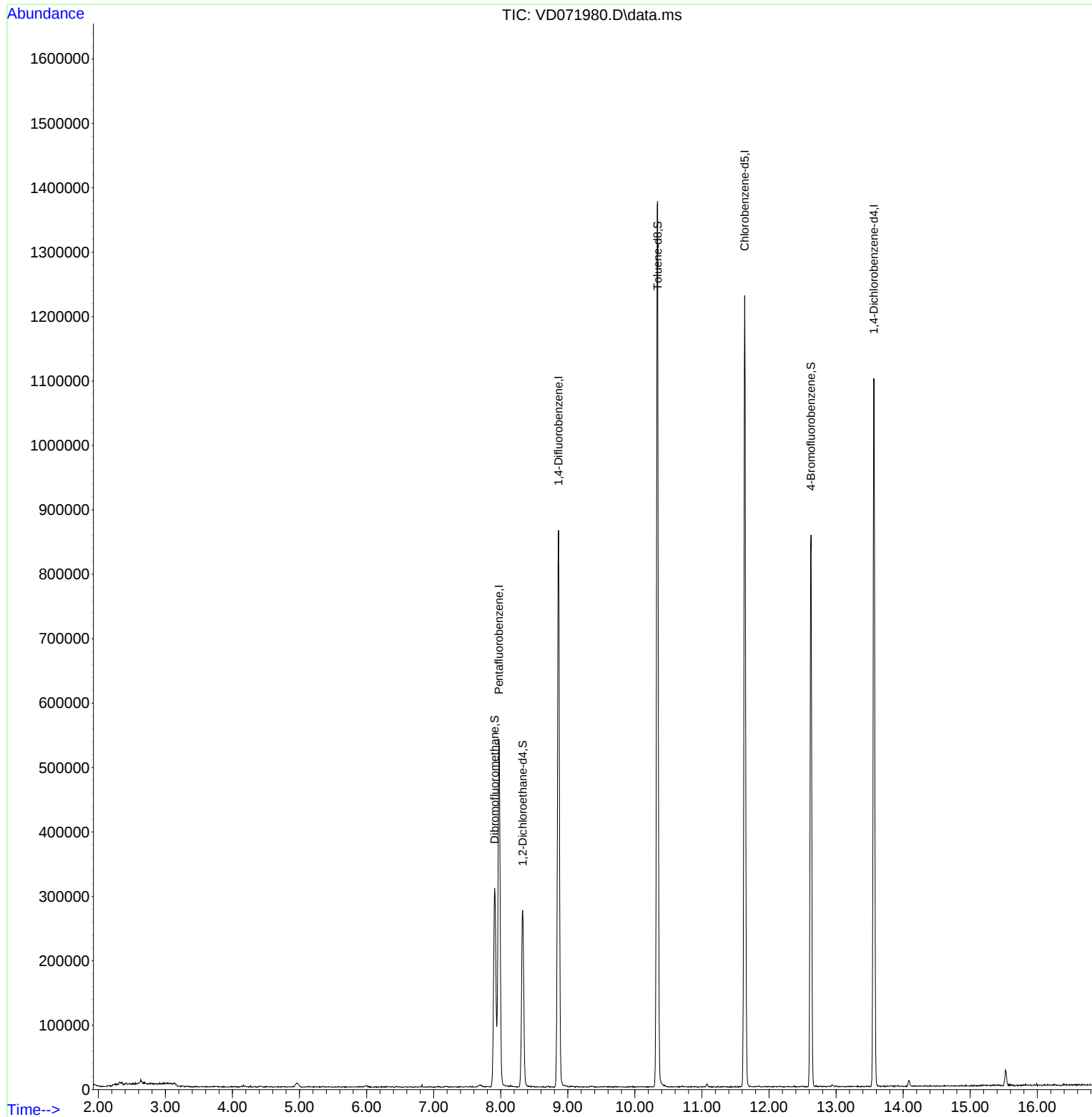
Target Compounds	Qvalue

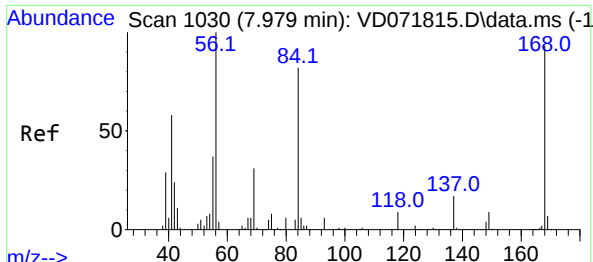
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071980.D

Acq: 15 Feb 2022 16:38

Instrument :

MSVOA_D

ClientSampleId :

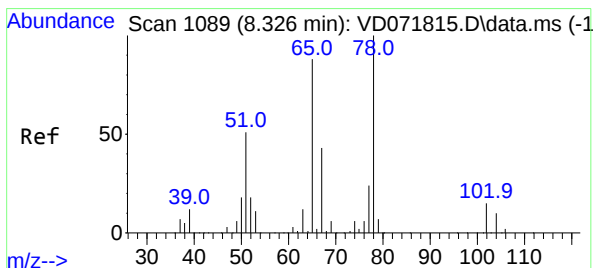
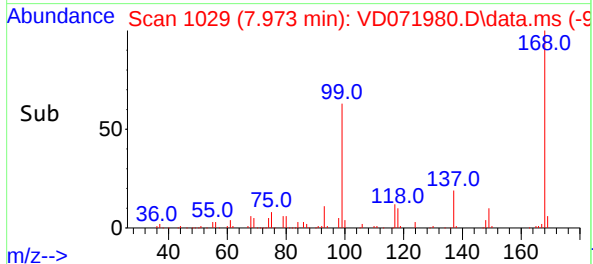
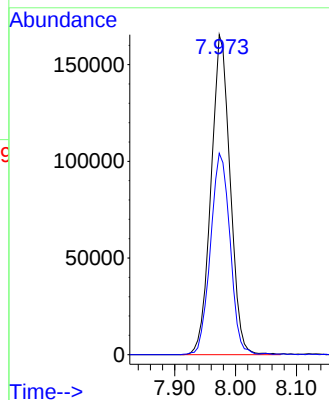
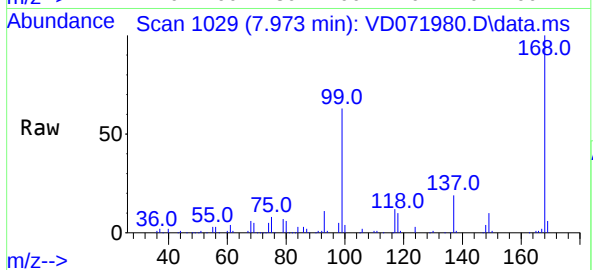
VNJ-209

Tgt Ion:168 Resp: 360626

Ion Ratio Lower Upper

168 100

99 62.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.09 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071980.D

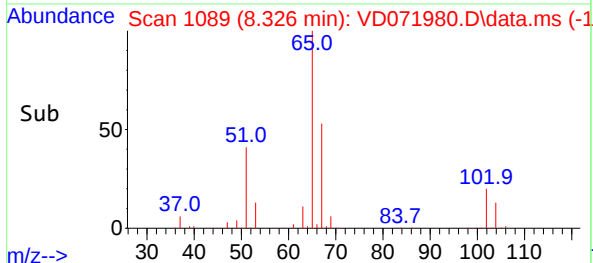
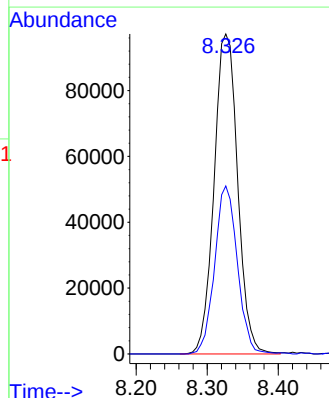
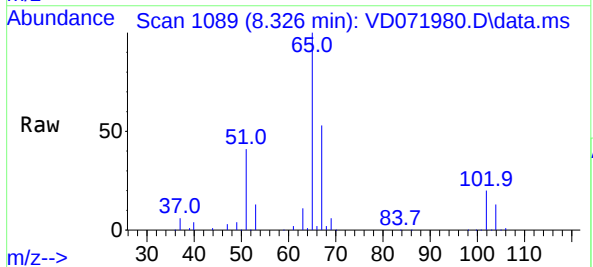
Acq: 15 Feb 2022 16:38

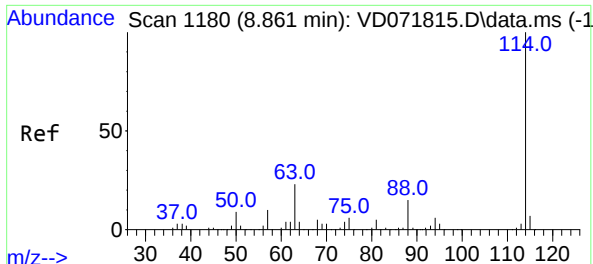
Tgt Ion: 65 Resp: 223761

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4

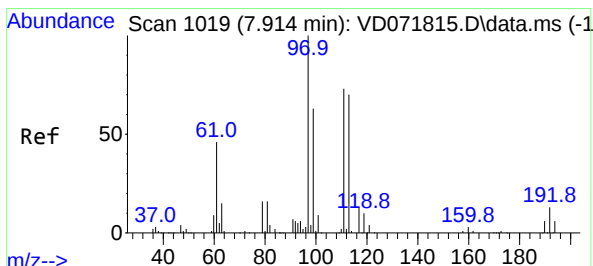
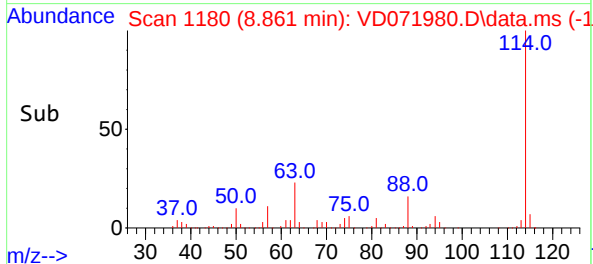
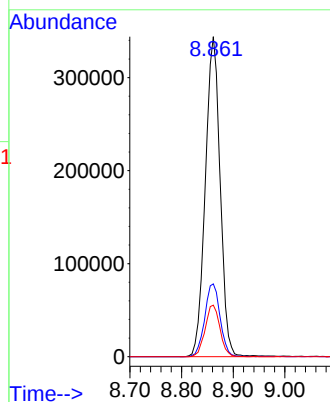
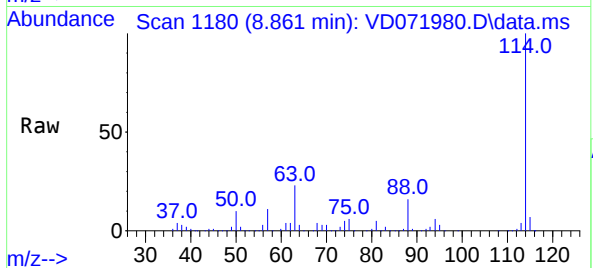




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

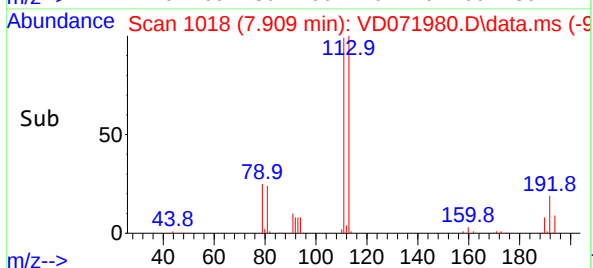
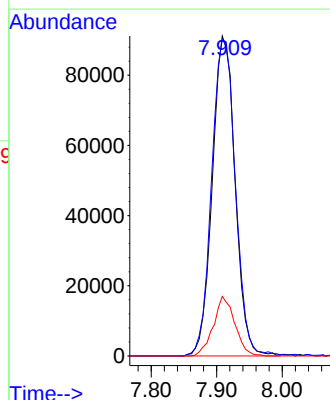
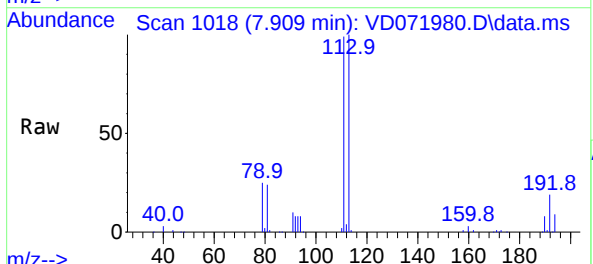
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

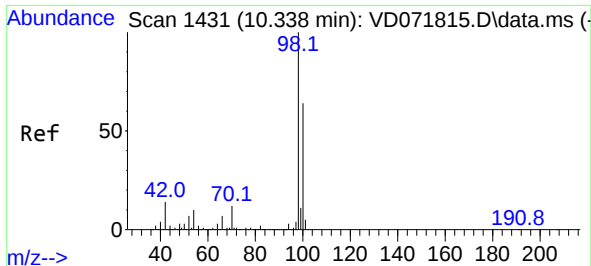
Tgt Ion:114 Resp: 685091
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion:113 Resp: 219646
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.5 14.6 21.8

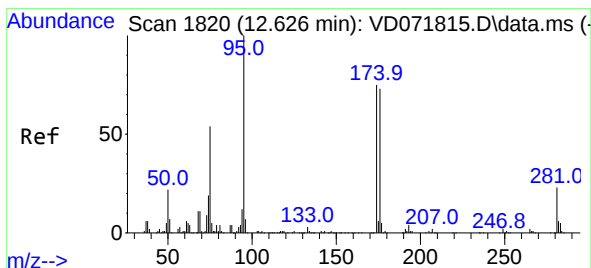
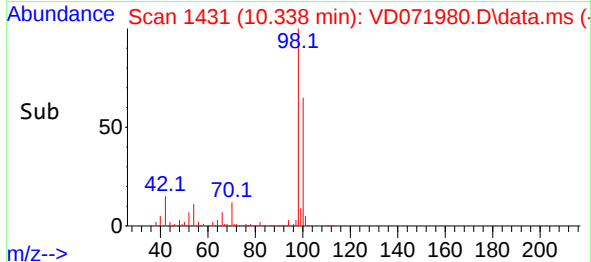
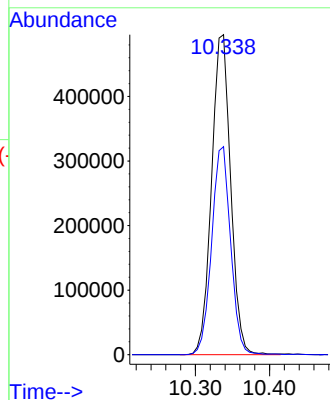
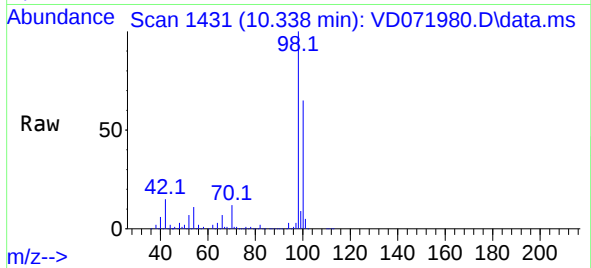




#50
Toluene-d8
Concen: 52.67 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

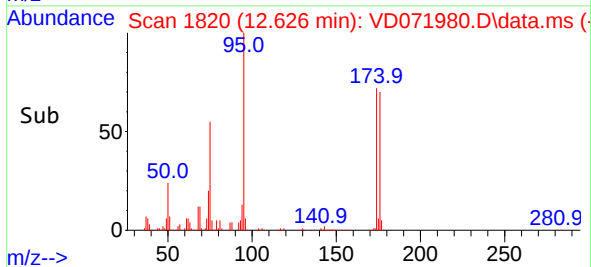
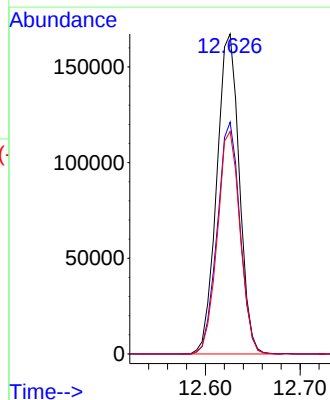
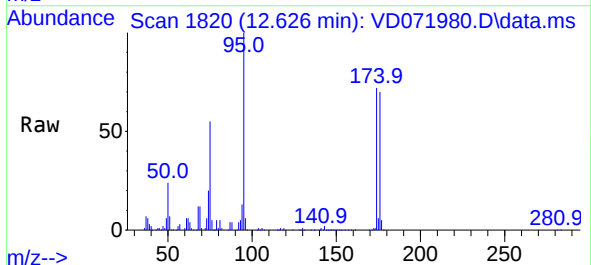
Instrument :
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ClientSampleId :
VNJ-209

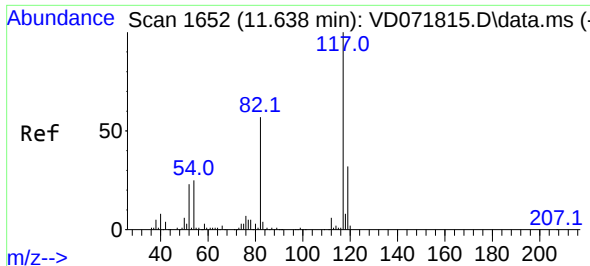
Tgt Ion: 98 Resp: 885831
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.11 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion: 95 Resp: 276672
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.8
176 69.9 0.0 145.4

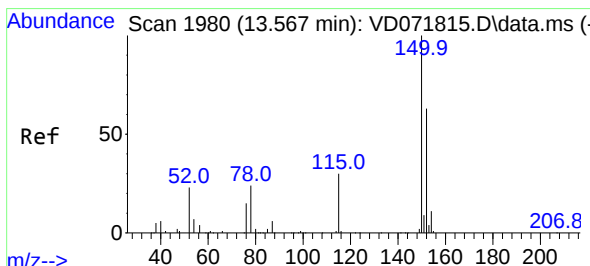
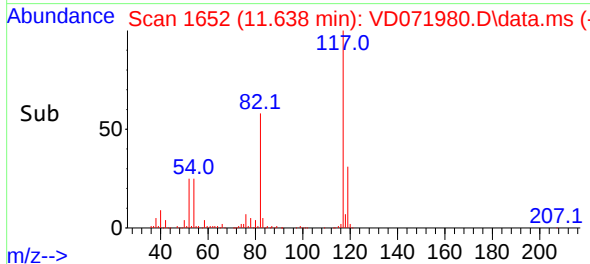
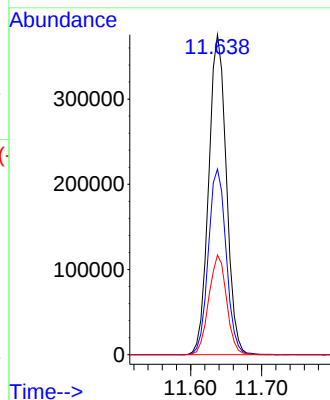
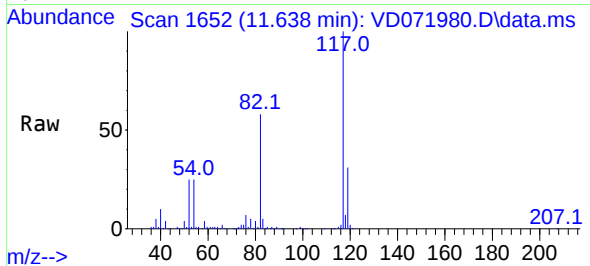




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:	117	Resp:	651160
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.3	67.9
119	31.1	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion:	152	Resp:	270960
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.3	93.8
150	157.7	0.0	348.6

