

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069679.D
 Acq On : 13 Jul 2021 19:27
 Operator : VA/SY
 Sample : M2998-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-231

Quant Time: Jul 14 06:08:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

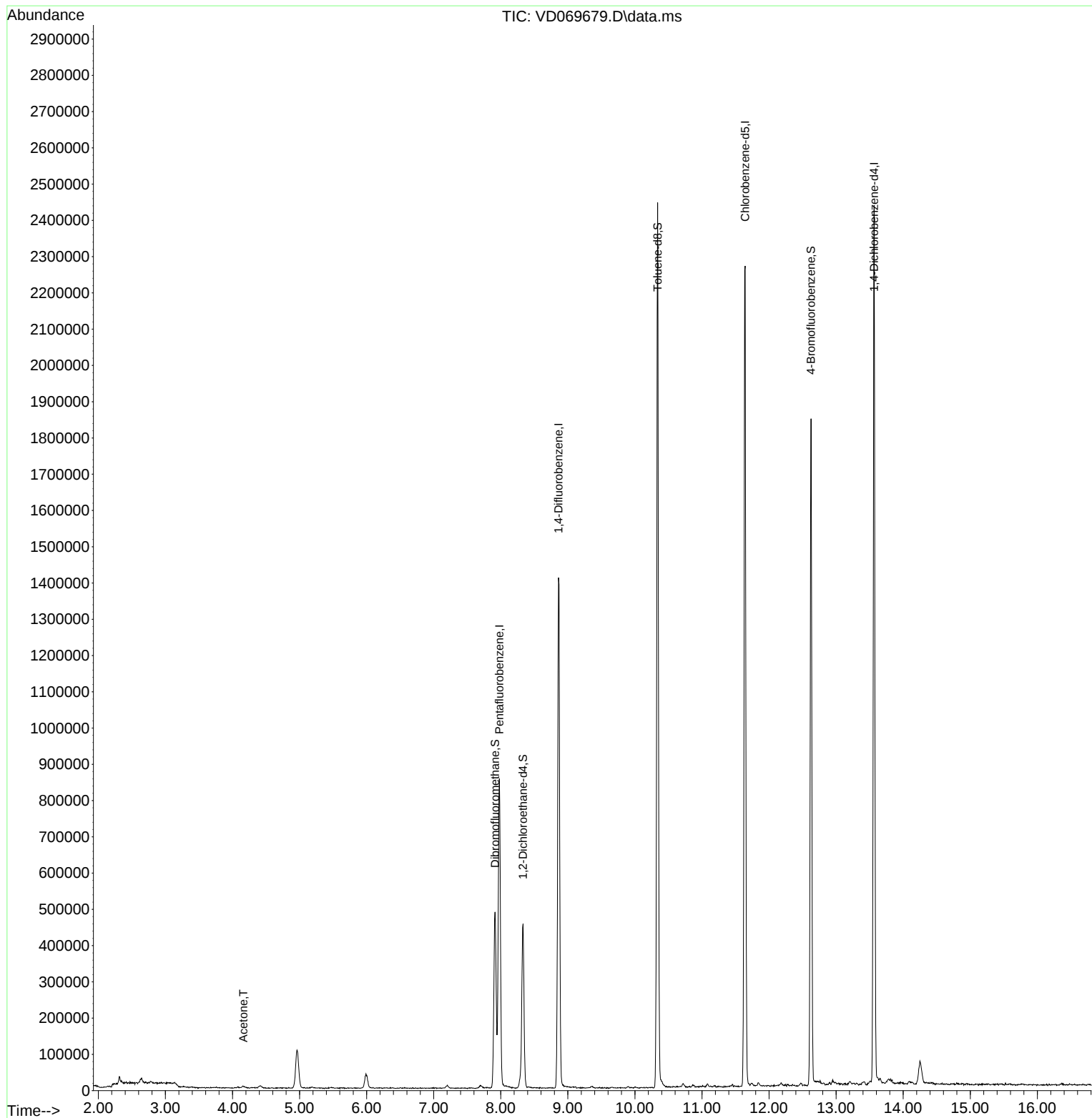
Internal Standards						
1) Pentafluorobenzene	7.979	168	590036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1200194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1343914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	618273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	356920	48.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.914	113	365869	45.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.338	98	1595236	50.996	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.626	95	643388	61.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.340%
Target Compounds						
16) Acetone	4.162	43	9921	18.909	ug/l	Qvalue # 83

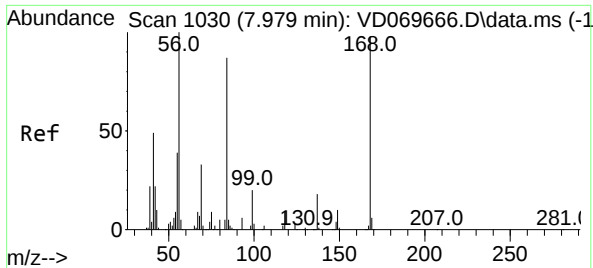
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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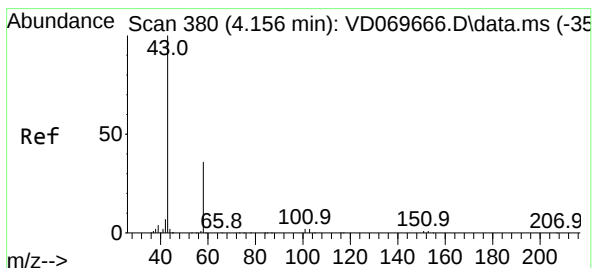
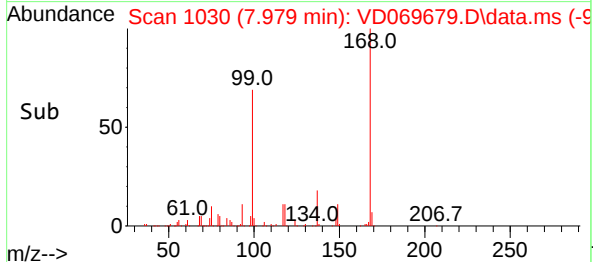
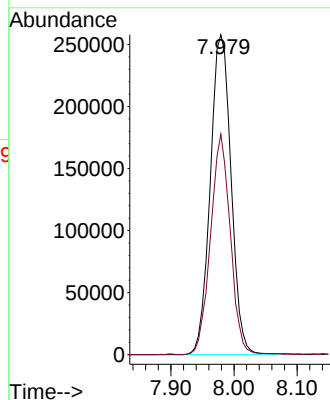
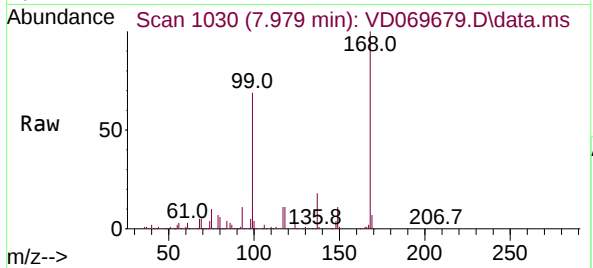




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069679.D
Acq: 13 Jul 2021 19:27

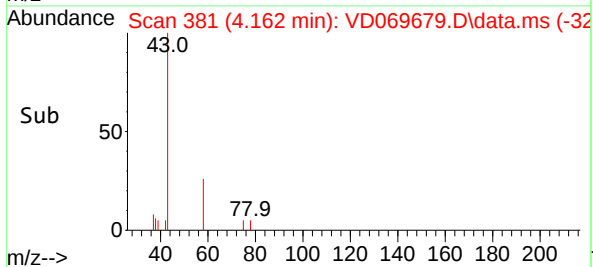
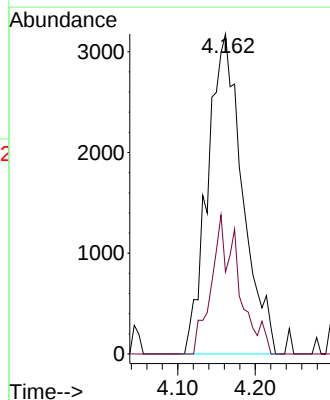
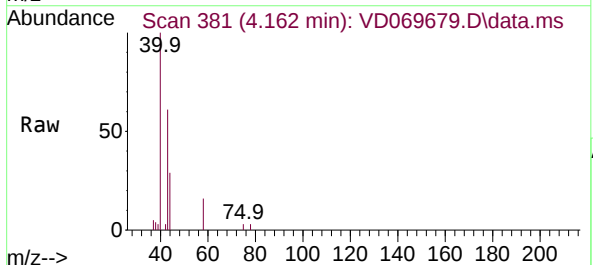
Instrument :
MSVOA_D
ClientSampleId :
VNJ-231

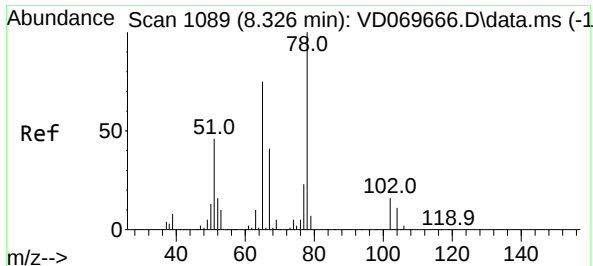
Tgt Ion:168 Resp: 590036
Ion Ratio Lower Upper
168 100
99 68.8 51.8 77.6



#16
Acetone
Concen: 18.909 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069679.D
Acq: 13 Jul 2021 19:27

Tgt Ion: 43 Resp: 9921
Ion Ratio Lower Upper
43 100
58 25.6 28.6 42.8#



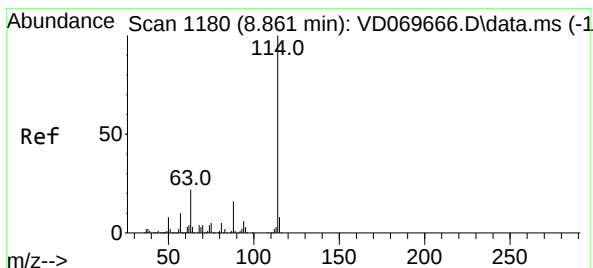
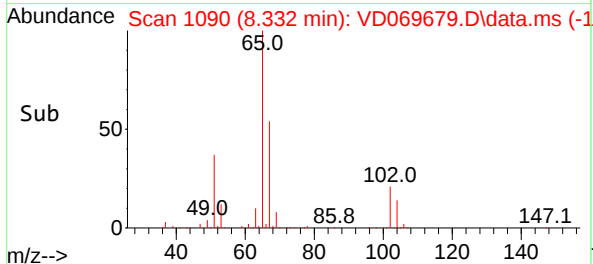
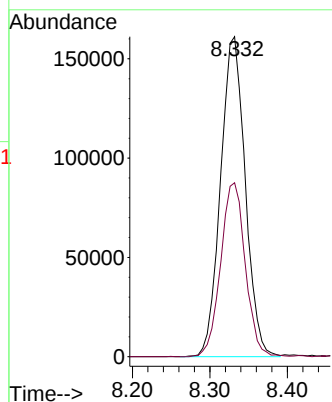
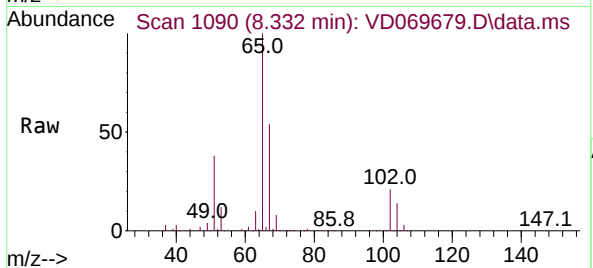


#33

1,2-Dichloroethane-d4
Concen: 48.446 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069679.D
Acq: 13 Jul 2021 19:27

Instrument :
MSVOA_D
ClientSampleId :
VNJ-231

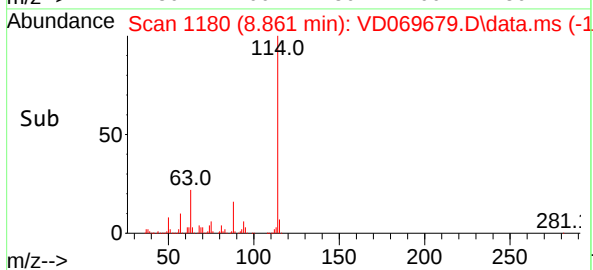
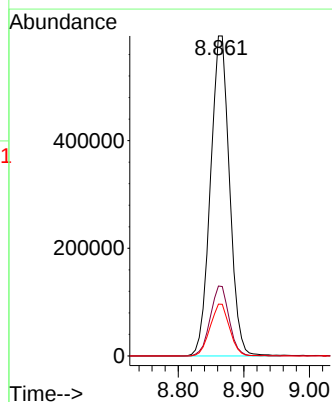
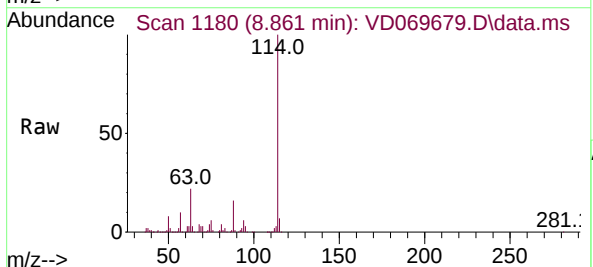
Tgt Ion: 65 Resp: 356920
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2

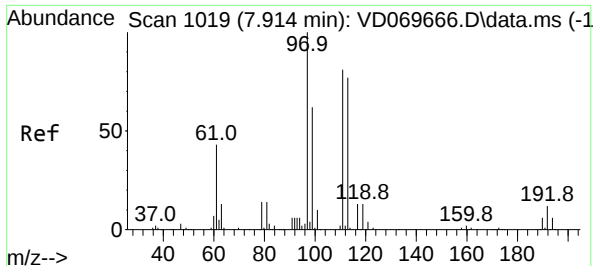


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069679.D
Acq: 13 Jul 2021 19:27

Tgt Ion:114 Resp: 1200194
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 45.439 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069679.D

Acq: 13 Jul 2021 19:27

Tgt Ion:113 Resp: 365869

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

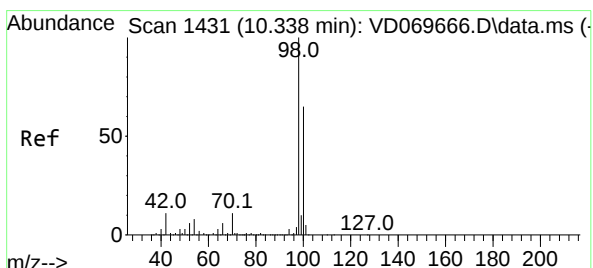
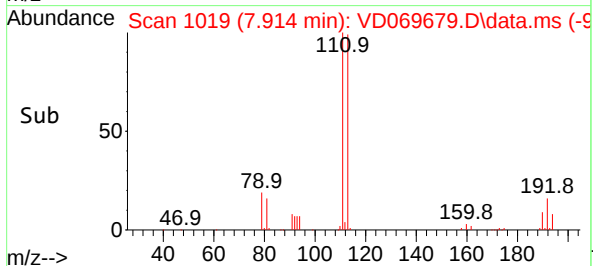
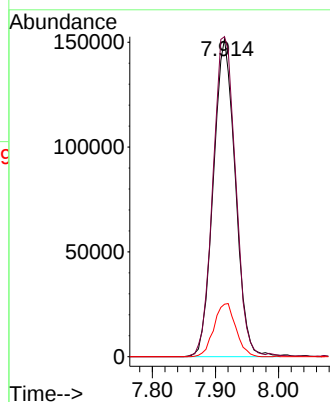
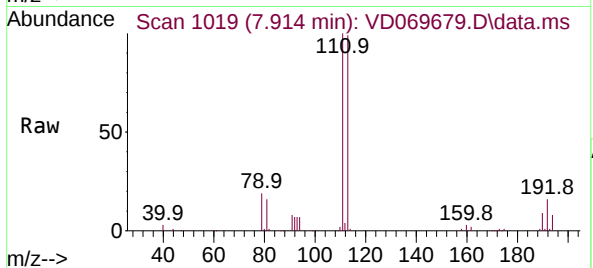
192 16.7 12.7 19.1

Instrument :

MSVOA_D

ClientSampleId :

VNJ-231



#50

Toluene-d8

Concen: 50.996 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069679.D

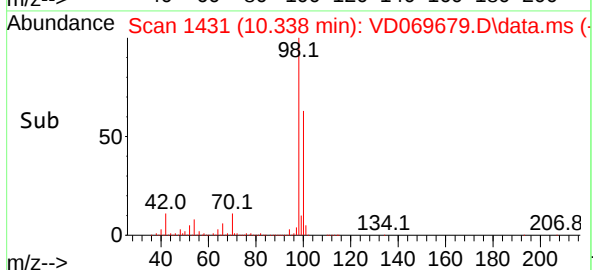
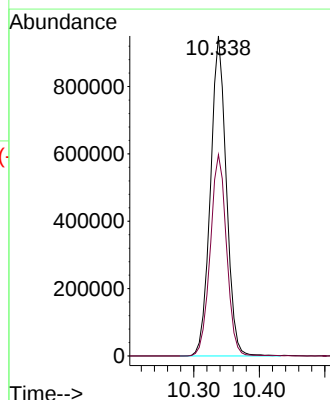
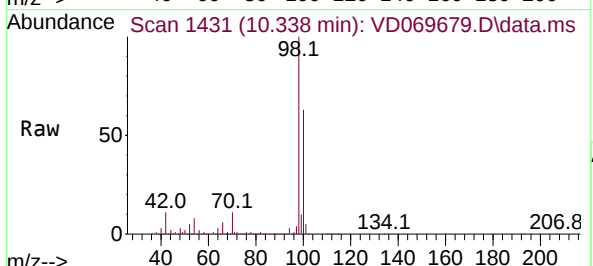
Acq: 13 Jul 2021 19:27

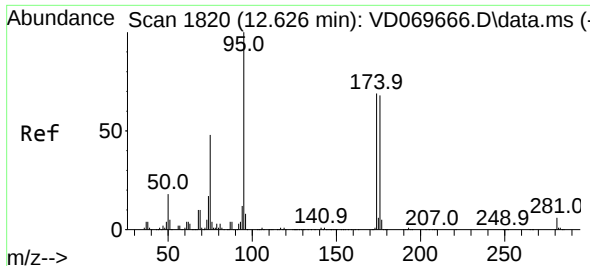
Tgt Ion: 98 Resp: 1595236

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

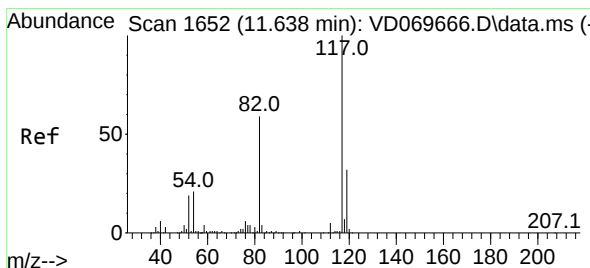
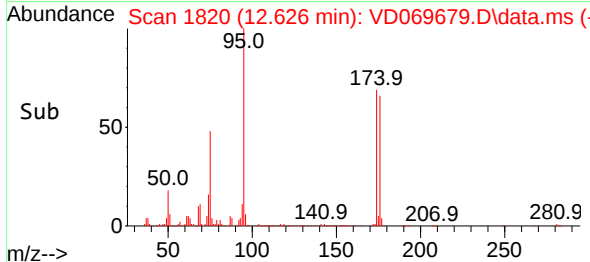
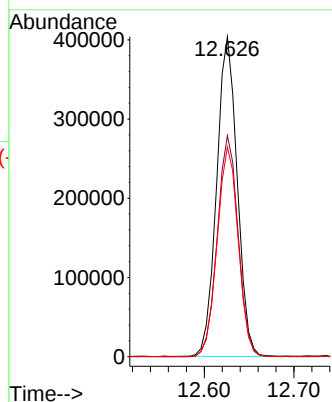
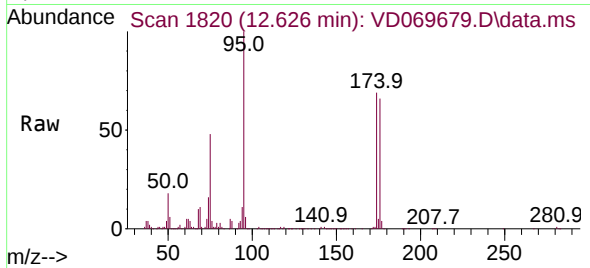




#62
4-Bromofluorobenzene
Concen: 61.670 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069679.D
Acq: 13 Jul 2021 19:27

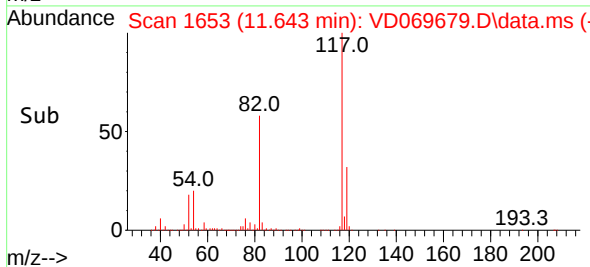
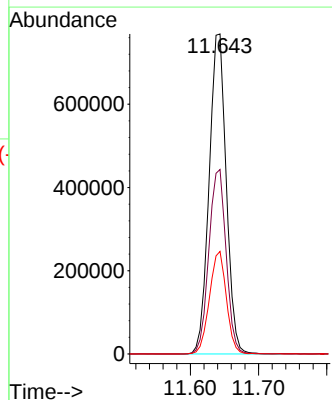
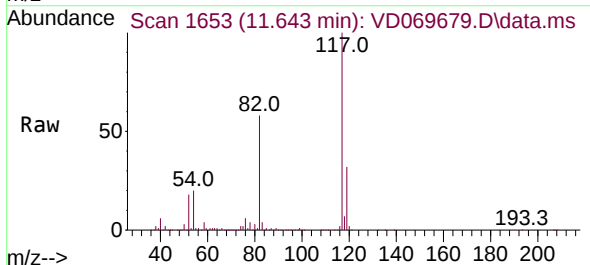
Instrument :
MSVOA_D
ClientSampleId :
VNJ-231

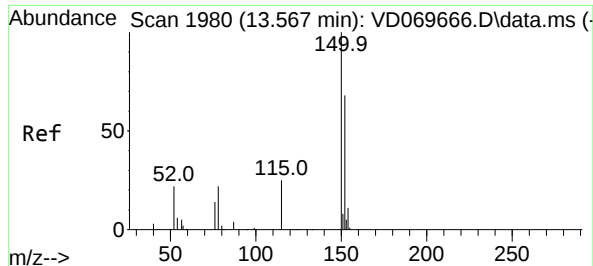
Tgt Ion: 95 Resp: 643388
Ion Ratio Lower Upper
95 100
174 69.9 0.0 140.0
176 66.9 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069679.D
Acq: 13 Jul 2021 19:27

Tgt Ion: 117 Resp: 1343914
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069679.D
 Acq: 13 Jul 2021 19:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-231

Tgt Ion:152 Resp: 618273
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.7 95.1
 150 157.1 0.0 350.4

