

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070703.D
 Acq On : 13 Oct 2021 17:45
 Operator : VA/SY
 Sample : M4194-02
 Misc : 6.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-239

Quant Time: Oct 14 04:05:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	222781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	410303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	414366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	176524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166907	63.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.320%
35) Dibromofluoromethane	7.914	113	150115	55.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.060%
50) Toluene-d8	10.332	98	531148	50.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.626	95	169680	48.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.360%

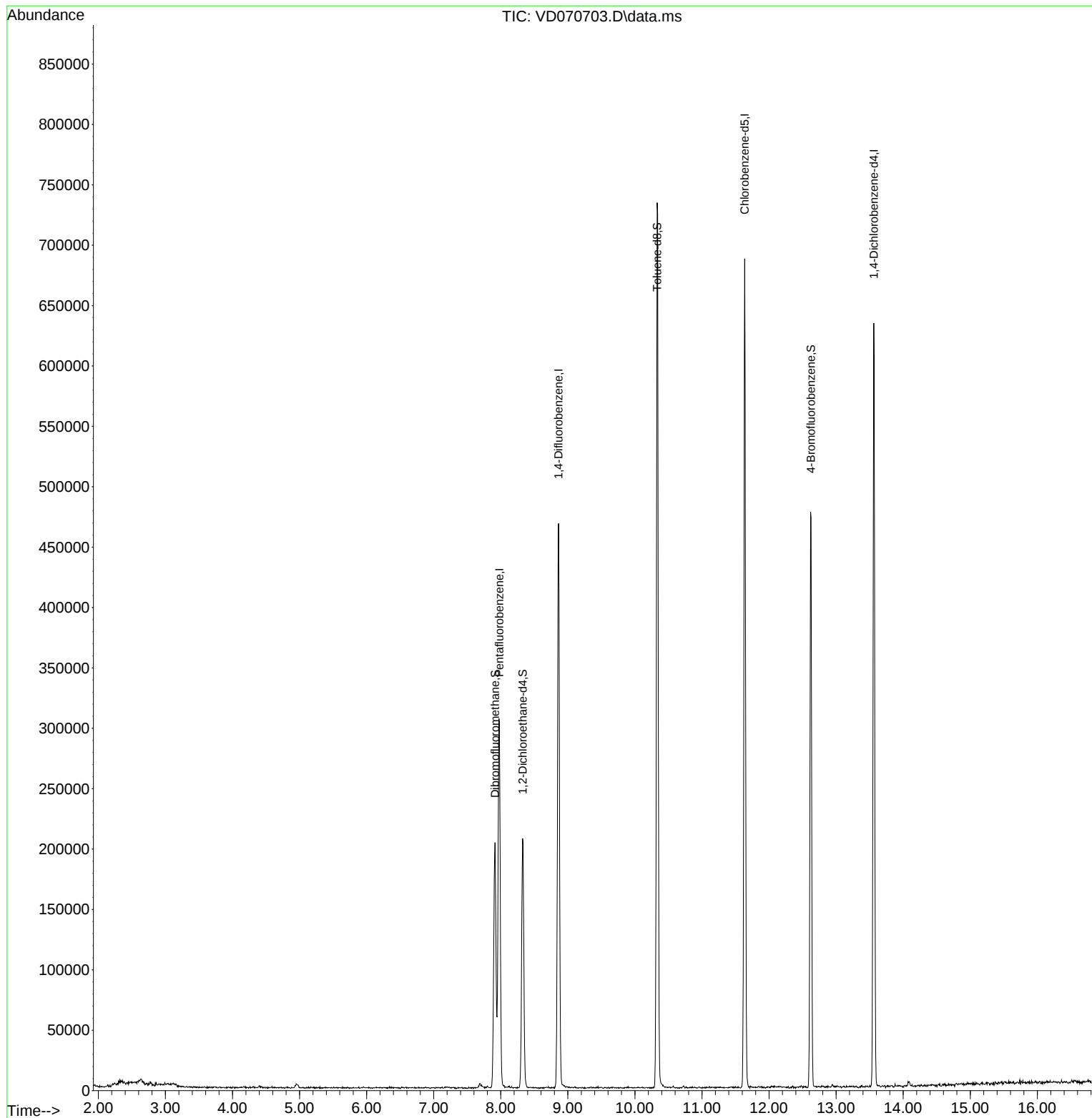
Target Compounds	Qvalue

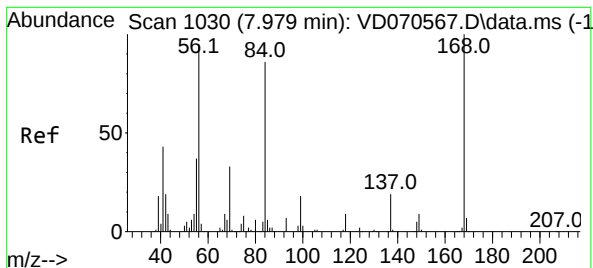
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
Data File : VD070703.D
Acq On : 13 Oct 2021 17:45
Operator : VA/SY
Sample : M4194-02
Misc : 6.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-239

Quant Time: Oct 14 04:05:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070703.D

Acq: 13 Oct 2021 17:45

Instrument :

MSVOA_D

ClientSampleId :

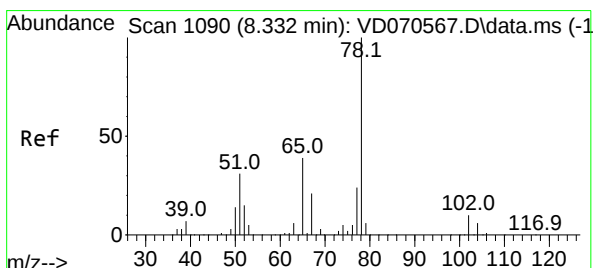
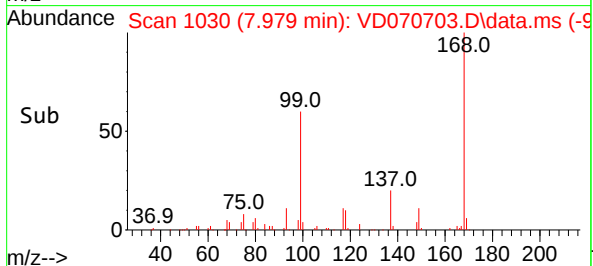
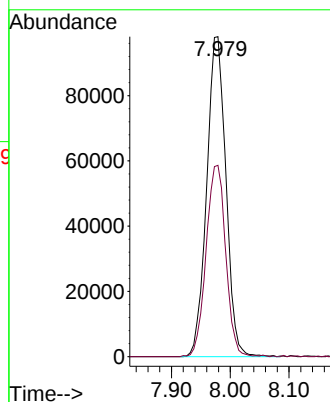
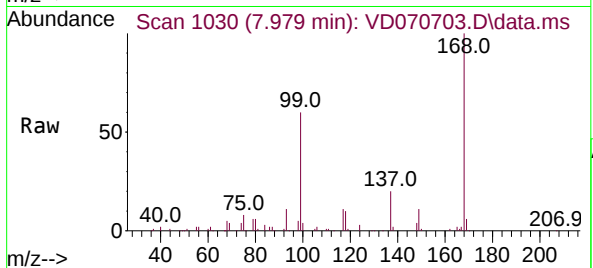
VNJ-239

Tgt Ion:168 Resp: 222781

Ion Ratio Lower Upper

168 100

99 59.8 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 63.661 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070703.D

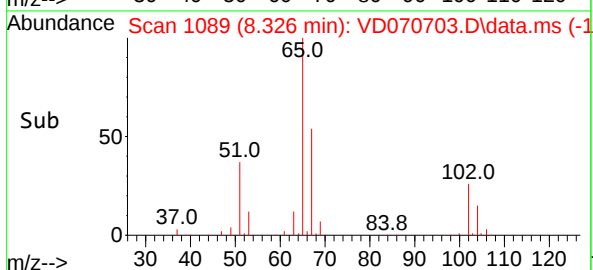
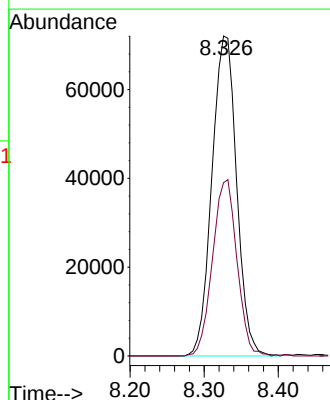
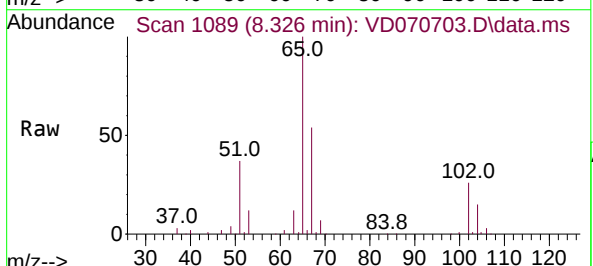
Acq: 13 Oct 2021 17:45

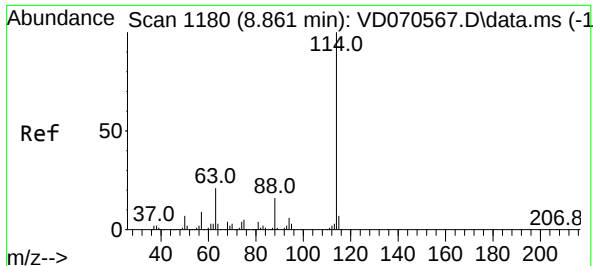
Tgt Ion: 65 Resp: 166907

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



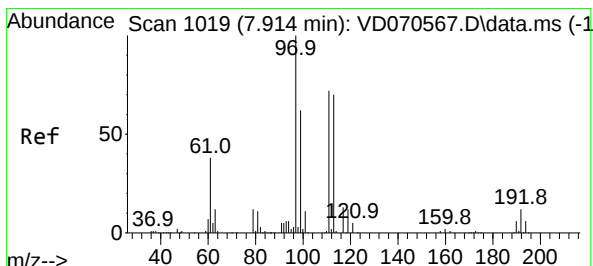
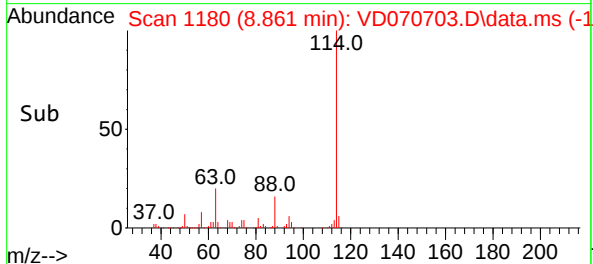
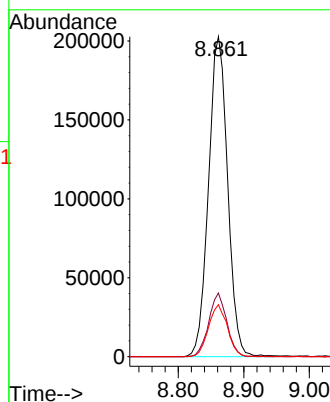
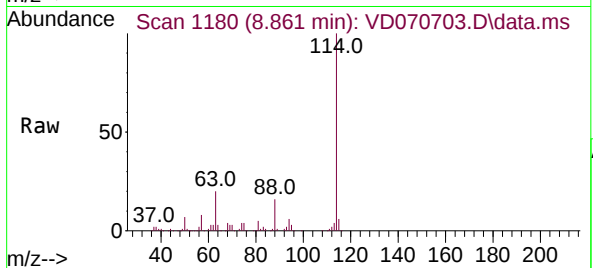


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
VNJ-239

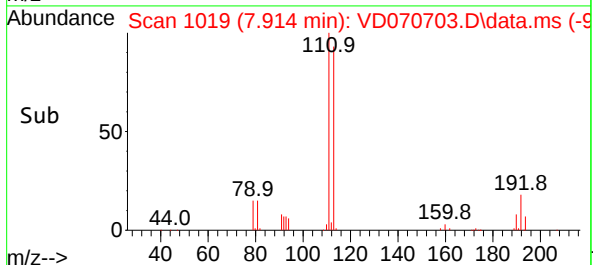
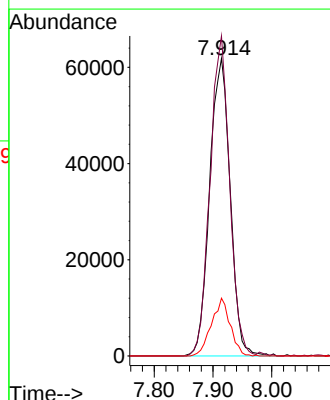
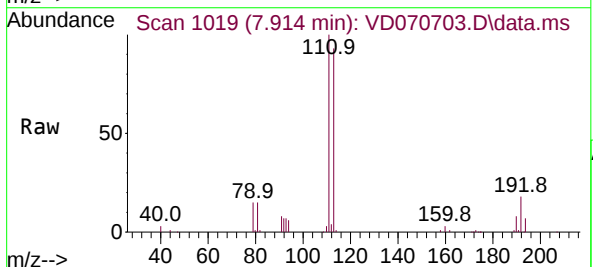
Tgt Ion:114	Resp:	410303
Ion Ratio	Lower	Upper
114	100	
63	19.9	0.0 41.8
88	16.3	0.0 32.6

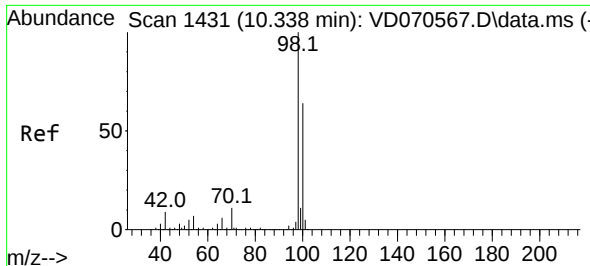


#35

Dibromofluoromethane
Concen: 55.029 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion:113	Resp:	150115
Ion Ratio	Lower	Upper
113	100	
111	102.3	83.1 124.7
192	17.8	12.7 19.1

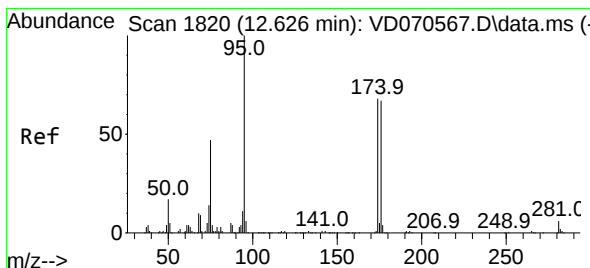
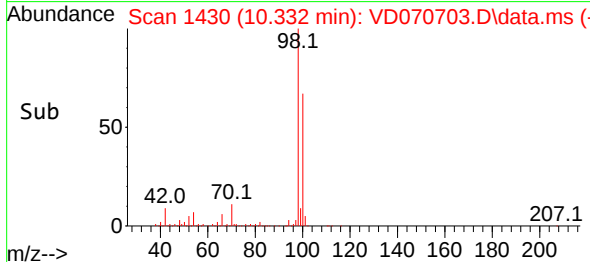
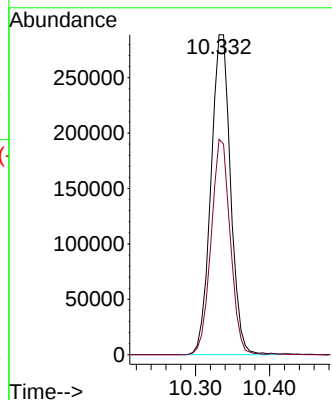
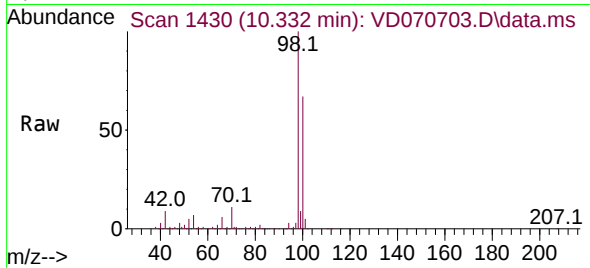




#50
Toluene-d8
Concen: 50.932 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

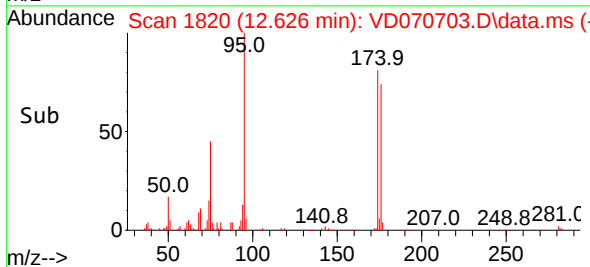
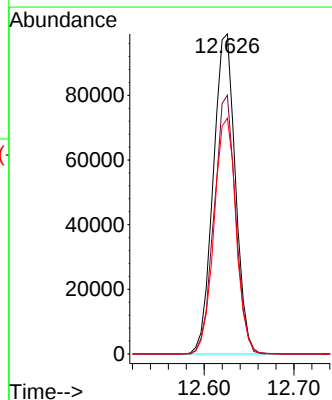
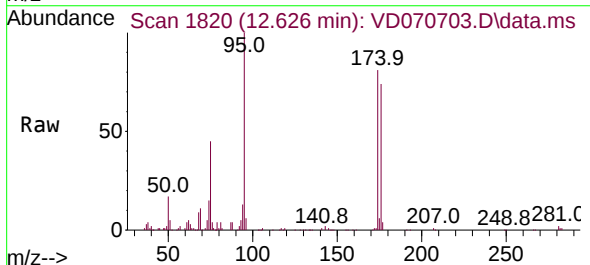
Instrument :
MSVOA_D
ClientSampleId :
VNJ-239

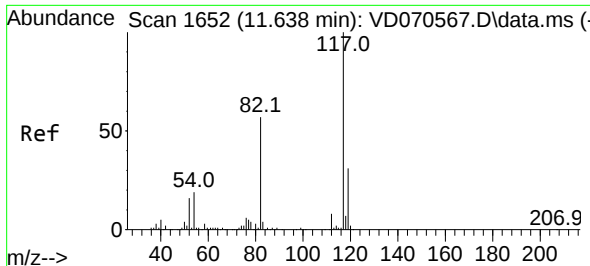
Tgt Ion: 98 Resp: 531148
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.682 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion: 95 Resp: 169680
Ion Ratio Lower Upper
95 100
174 78.3 0.0 138.0
176 73.3 0.0 135.6

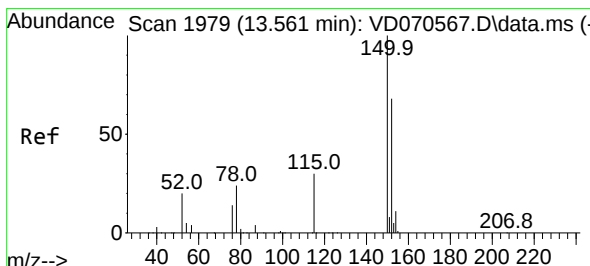
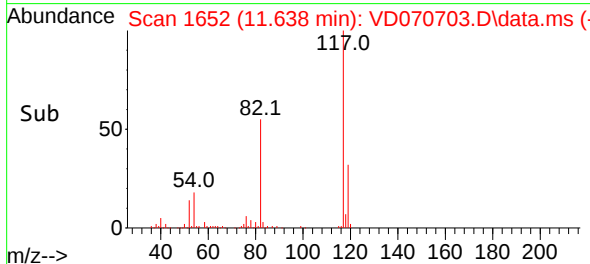
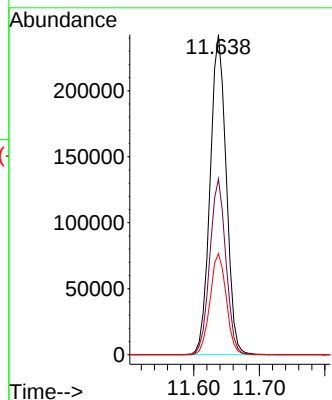
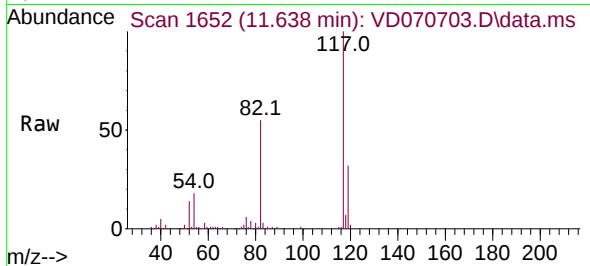




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
VNJ-239

Tgt Ion:117 Resp: 414366
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070703.D
Acq: 13 Oct 2021 17:45

Tgt Ion:152 Resp: 176524
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.7
150 158.3 0.0 350.0

