

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071351.D
 Acq On : 15 Dec 2021 19:13
 Operator : VA/SY
 Sample : M5089-05
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-2

Quant Time: Dec 16 04:31:31 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	307156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	609182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	315527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163780	45.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.914	113	166478	49.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.332	98	698008	54.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.626	95	319064	71.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	143.460%

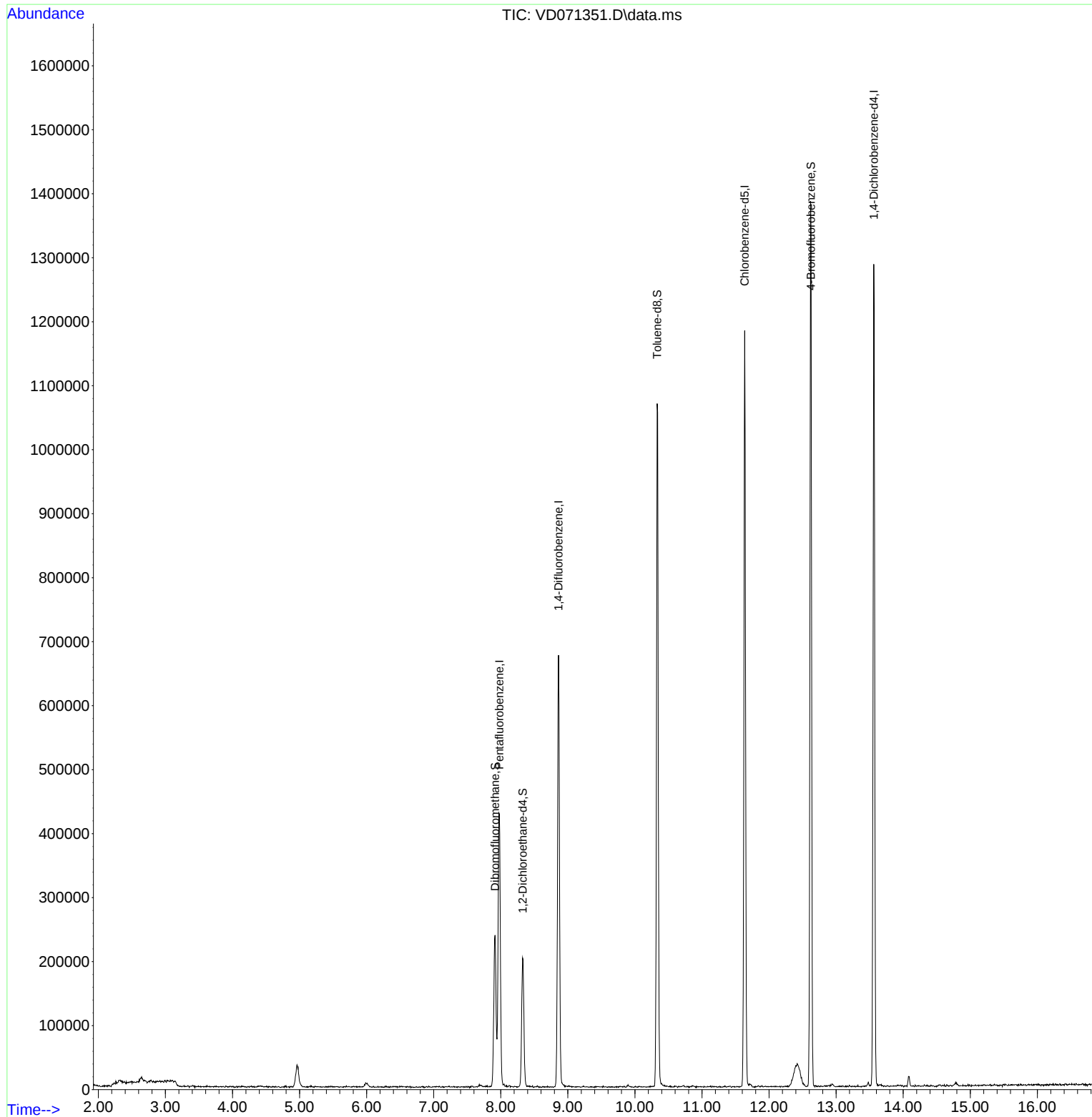
Target Compounds	Qvalue

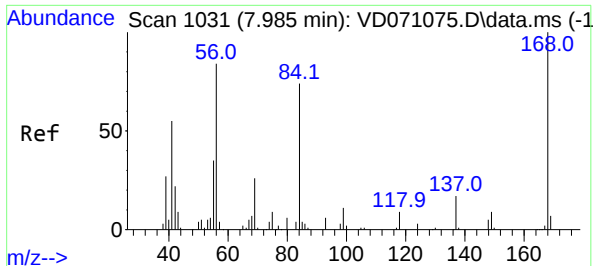
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
Data File : VD071351.D
Acq On : 15 Dec 2021 19:13
Operator : VA/SY
Sample : M5089-05
Misc : 6.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MS-2

Quant Time: Dec 16 04:31:31 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

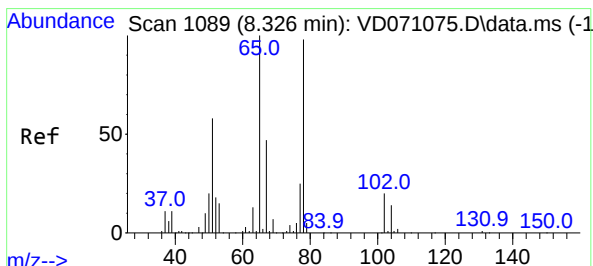
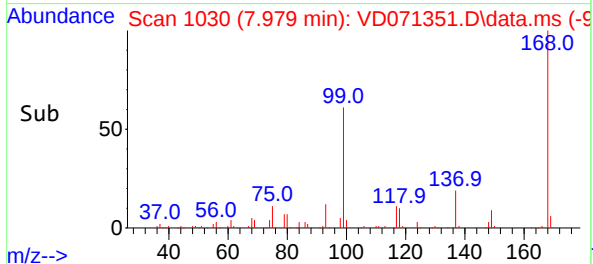
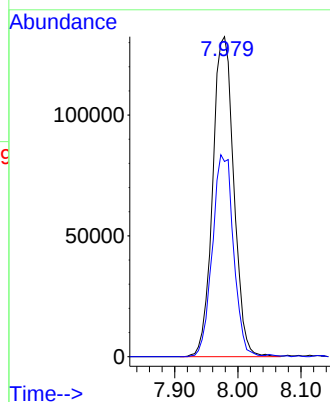
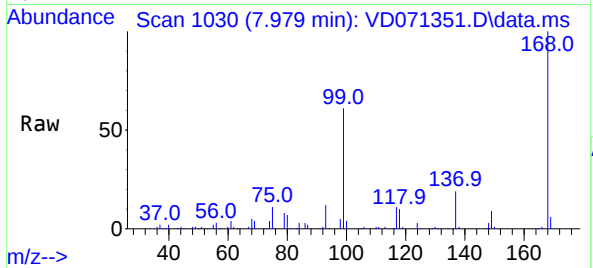




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071351.D
Acq: 15 Dec 2021 19:13

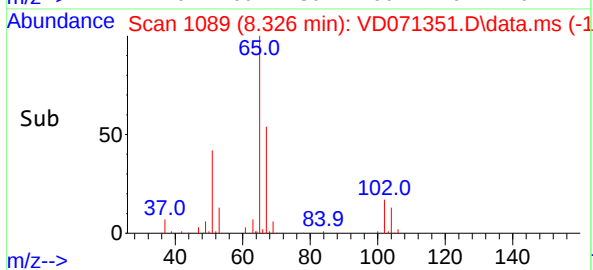
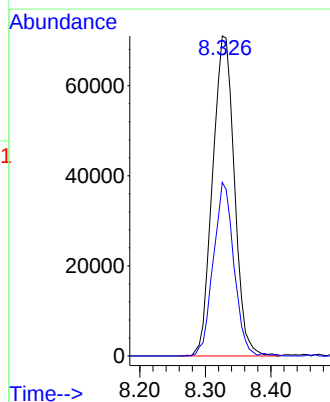
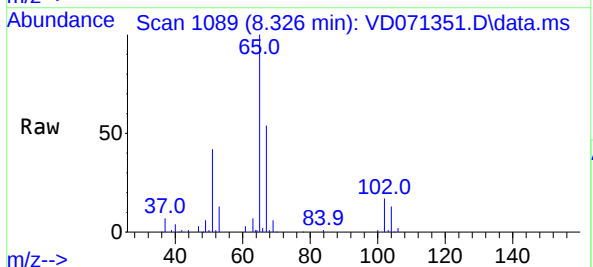
Instrument :
MSVOA_D
ClientSampleId :
MS-2

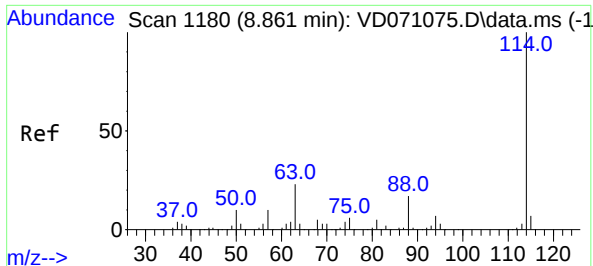
Tgt Ion:168 Resp: 307156
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 45.442 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071351.D
Acq: 15 Dec 2021 19:13

Tgt Ion: 65 Resp: 163780
Ion Ratio Lower Upper
65 100
67 51.1 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: VD071351.D

Acq: 15 Dec 2021 19:13

Instrument :

MSVOA_D

ClientSampleId :

MS-2

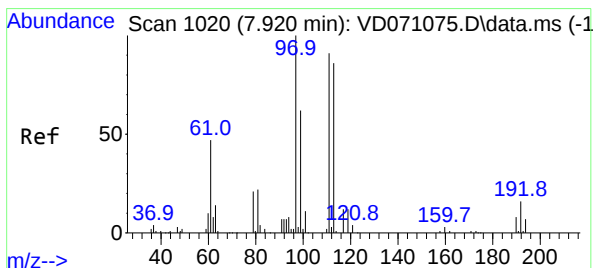
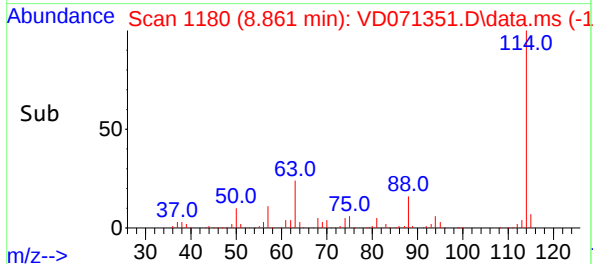
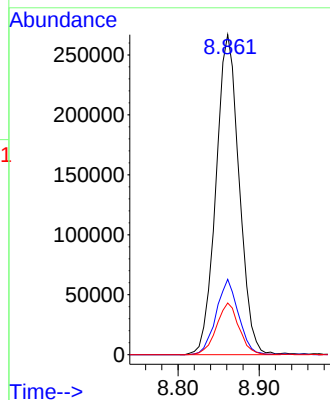
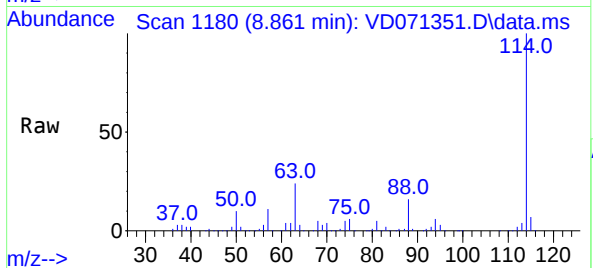
Tgt Ion:114 Resp: 529509

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 16.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.373 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071351.D

Acq: 15 Dec 2021 19:13

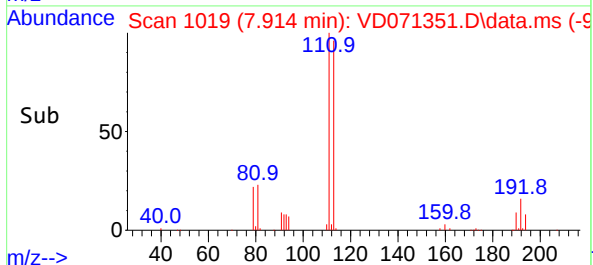
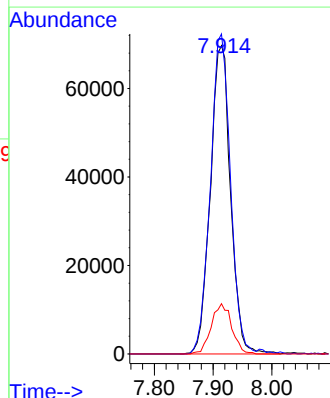
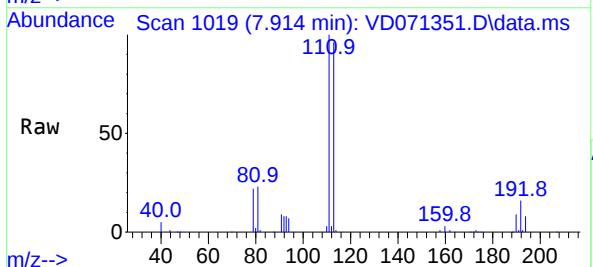
Tgt Ion:113 Resp: 166478

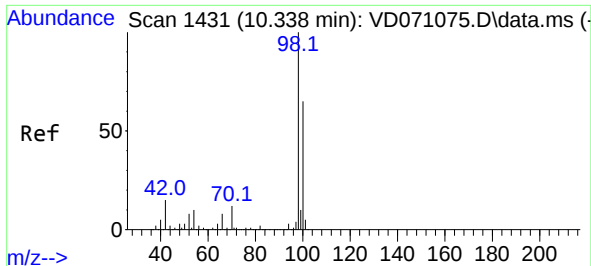
Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 16.5 15.2 22.8

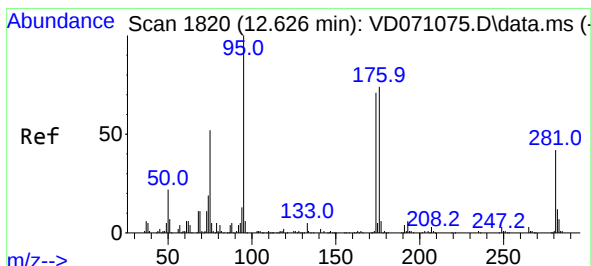
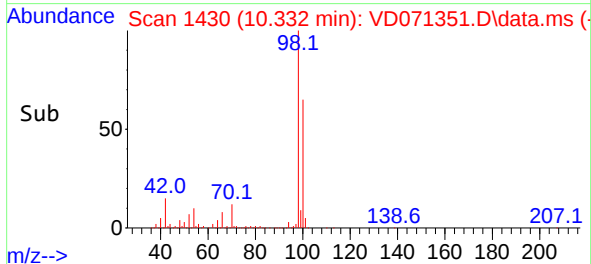
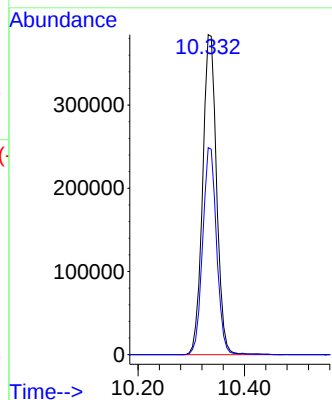
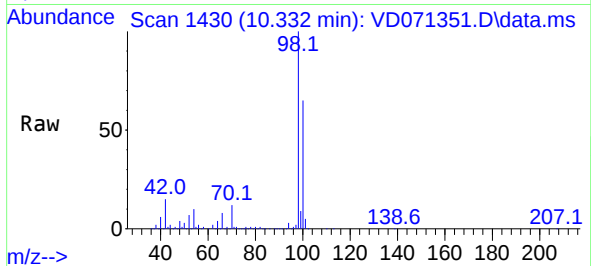




#50
Toluene-d8
Concen: 54.397 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071351.D
Acq: 15 Dec 2021 19:13

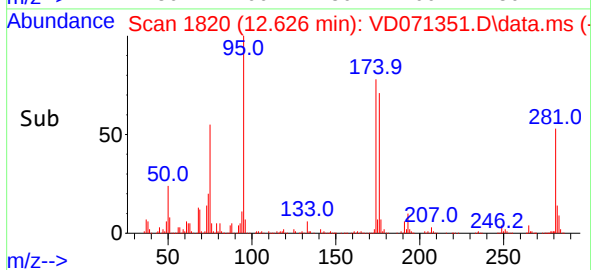
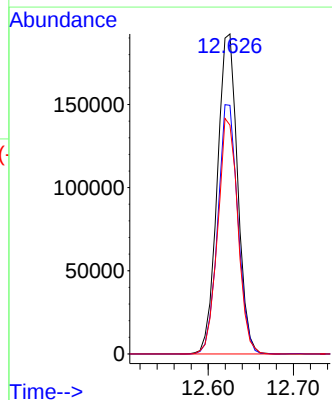
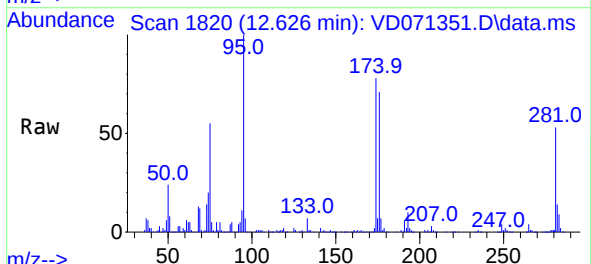
Instrument :
MSVOA_D
ClientSampleId :
MS-2

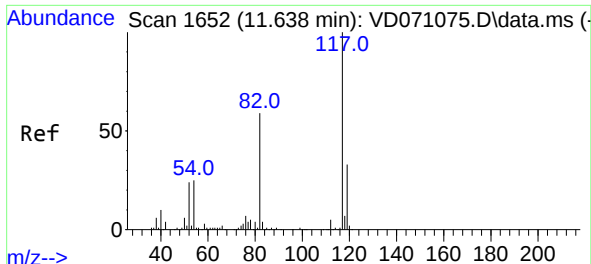
Tgt Ion: 98 Resp: 698008
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.733 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071351.D
Acq: 15 Dec 2021 19:13

Tgt Ion: 95 Resp: 319064
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 72.9 0.0 154.0

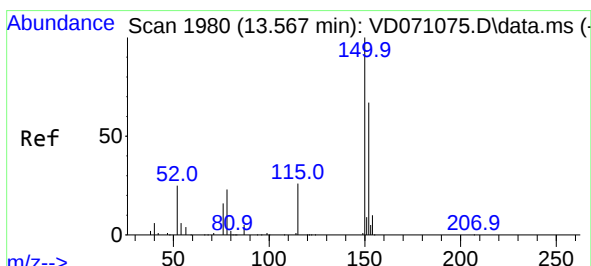
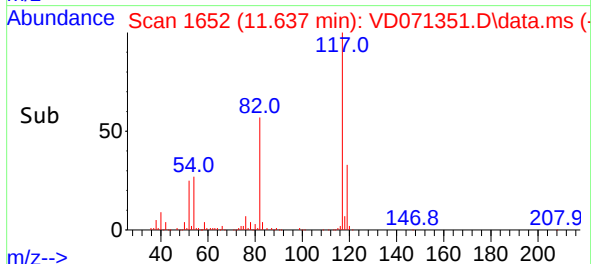
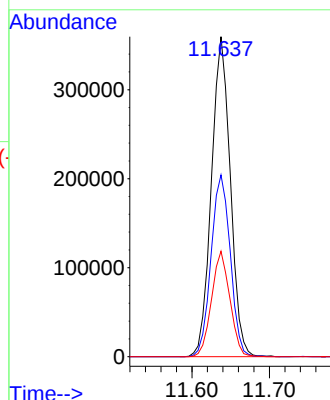
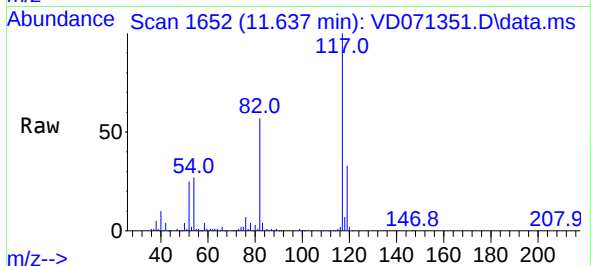




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD071351.D
Acq: 15 Dec 2021 19:13

Instrument :
MSVOA_D
ClientSampleId :
MS-2

Tgt Ion:117 Resp: 609182
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071351.D
Acq: 15 Dec 2021 19:13

Tgt Ion:152 Resp: 315527
Ion Ratio Lower Upper
152 100
115 61.8 29.8 89.3
150 156.9 0.0 349.2

