

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071511.D
 Acq On : 28 Dec 2021 19:00
 Operator : VA/SY
 Sample : M5236-07
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Dec 28 19:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	271068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	476683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	213423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190959	53.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.080%
35) Dibromofluoromethane	7.908	113	161474	49.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.338	98	608081	49.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.626	95	218161	50.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.500%

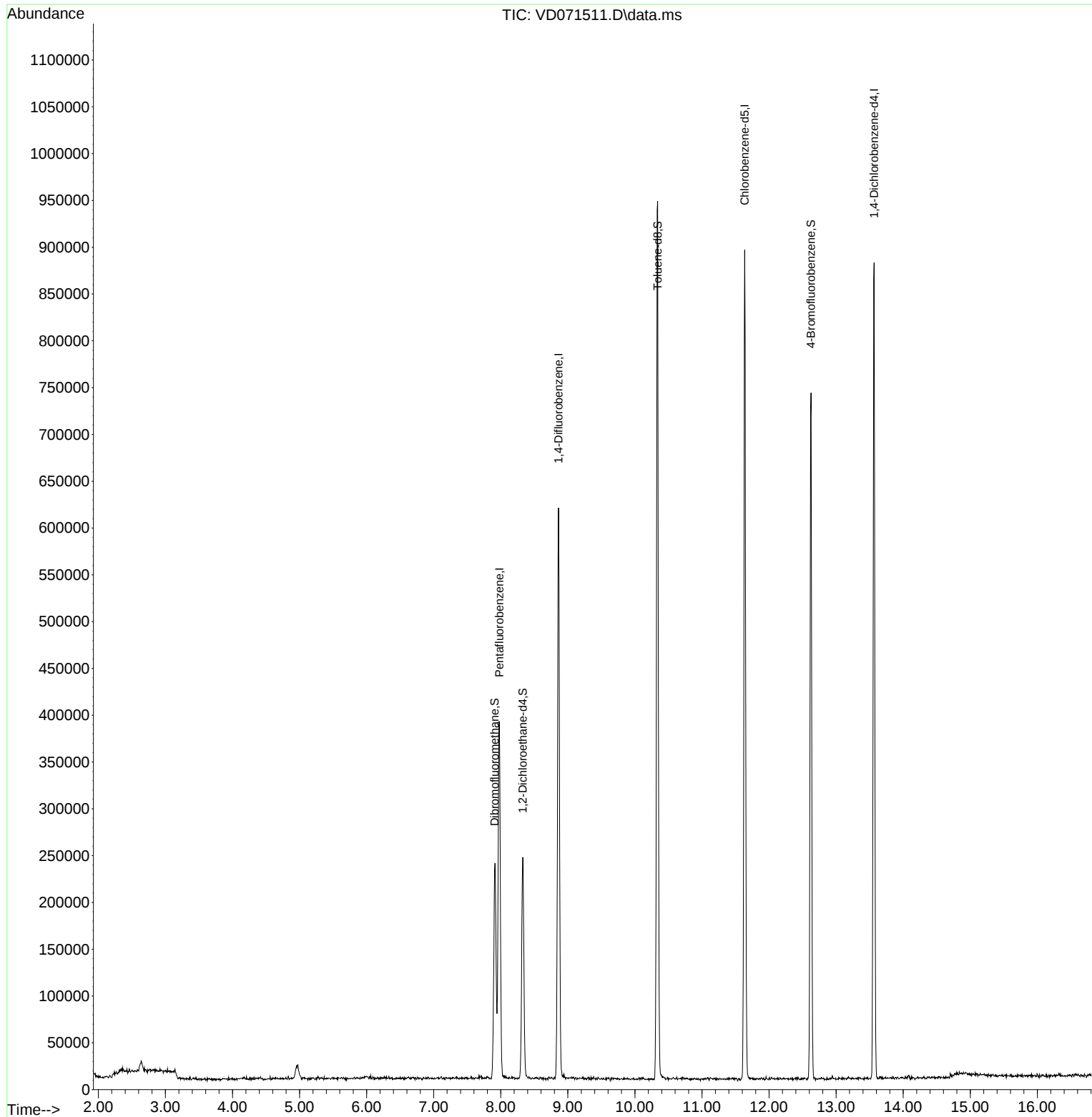
Target Compounds	Qvalue

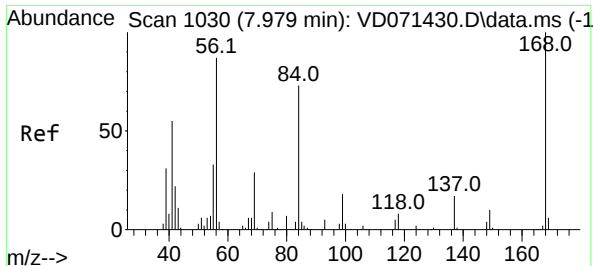
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
Data File : VD071511.D
Acq On : 28 Dec 2021 19:00
Operator : VA/SY
Sample : M5236-07
Misc : 5.64G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Quant Time: Dec 28 19:27:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

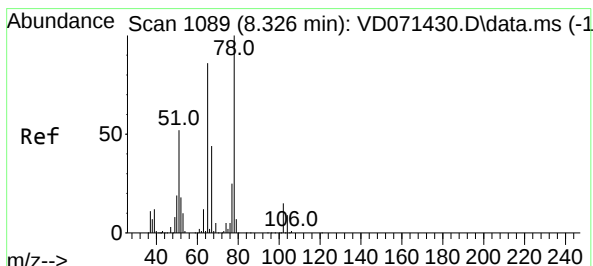
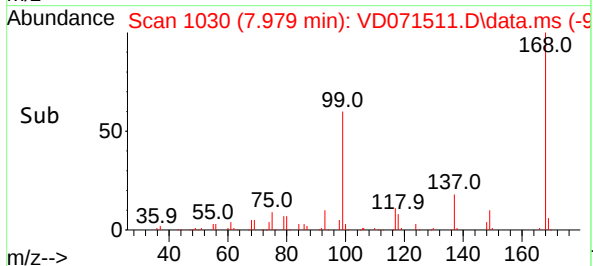
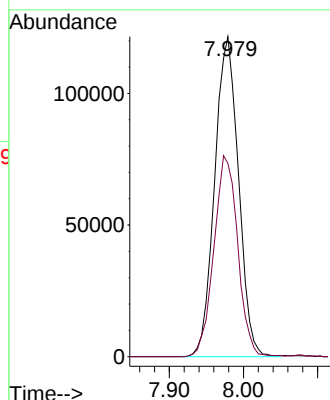
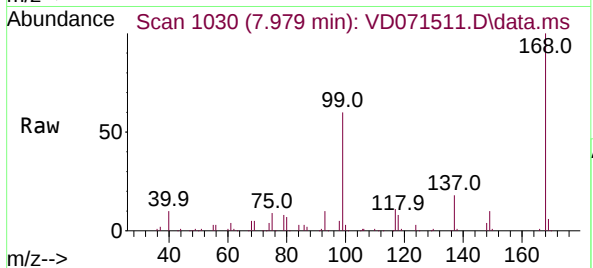




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

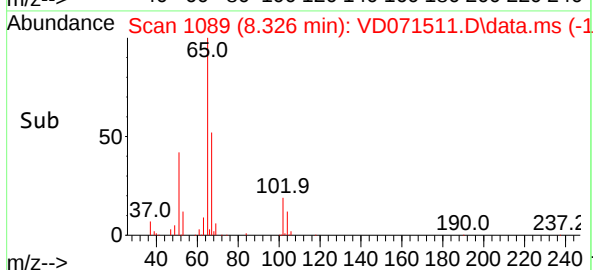
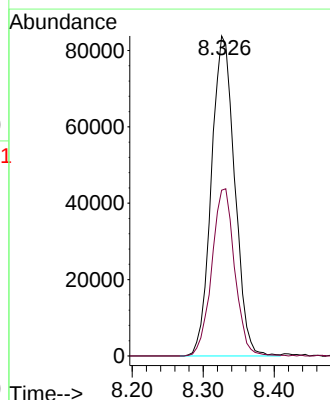
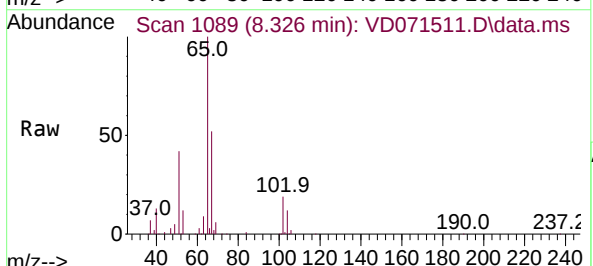
Instrument :
MSVOA_D
ClientSampleId :
SB-4

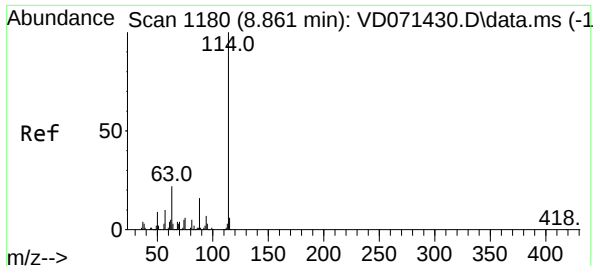
Tgt Ion:168 Resp: 271068
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.044 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 65 Resp: 190959
Ion Ratio Lower Upper
65 100
67 51.3 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: VD071511.D

Acq: 28 Dec 2021 19:00

Instrument :

MSVOA_D

ClientSampleId :

SB-4

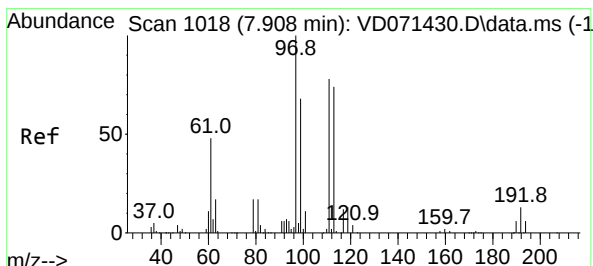
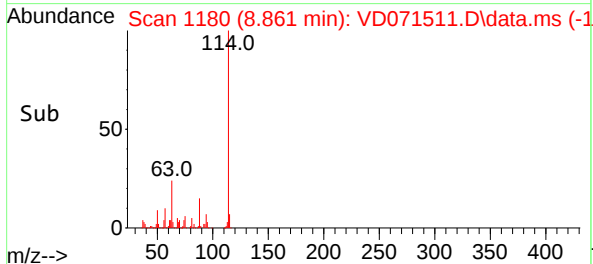
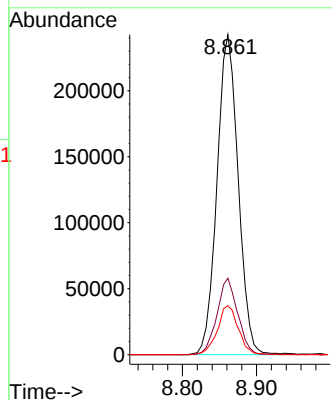
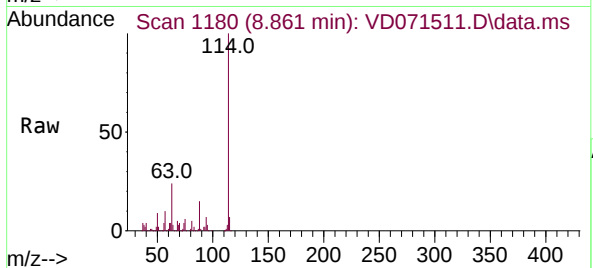
Tgt Ion:114 Resp: 481052

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

88 15.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.945 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071511.D

Acq: 28 Dec 2021 19:00

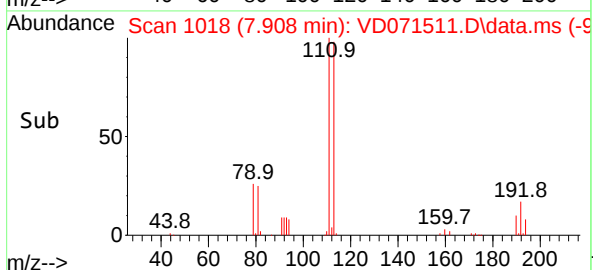
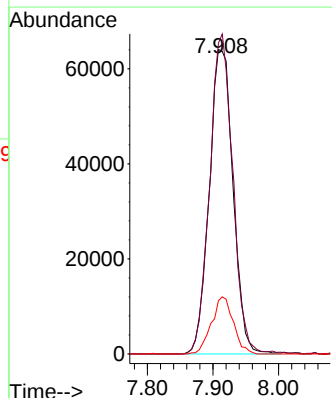
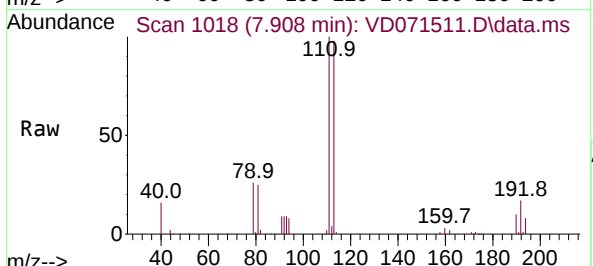
Tgt Ion:113 Resp: 161474

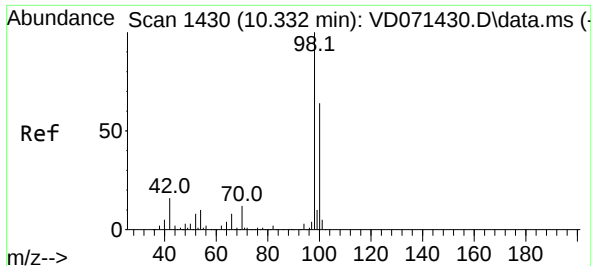
Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 17.2 15.2 22.8

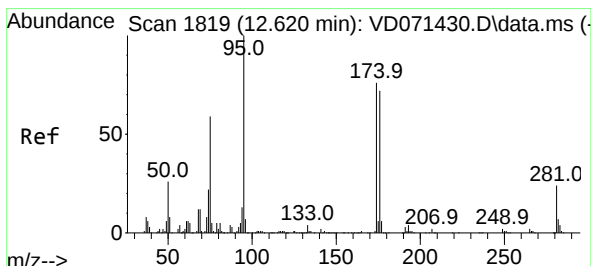
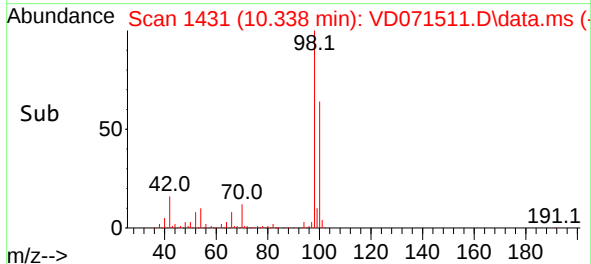
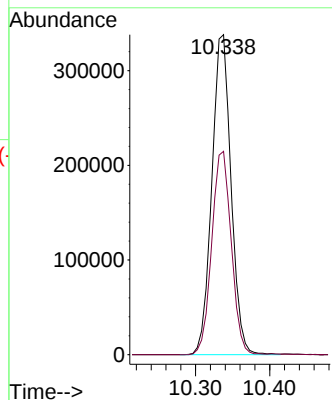
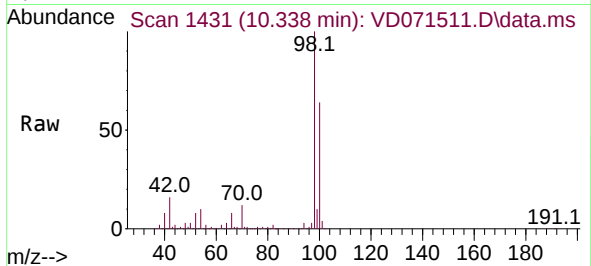




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

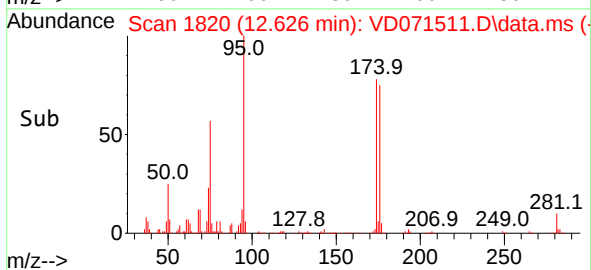
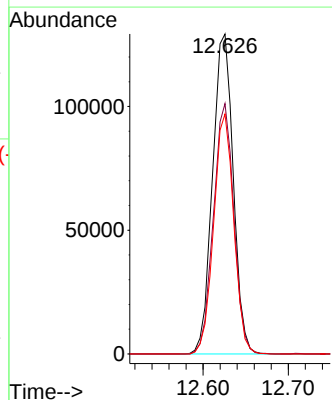
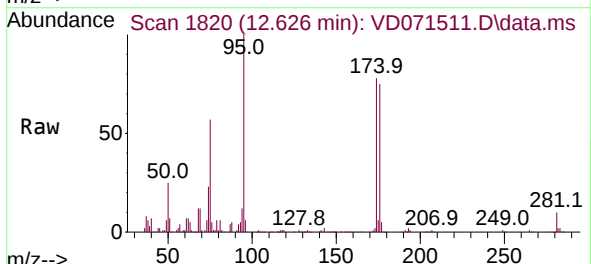
Instrument :
MSVOA_D
ClientSampleId :
SB-4

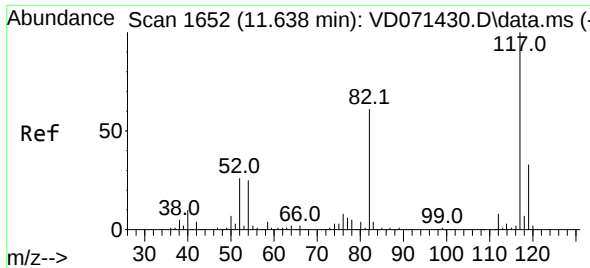
Tgt Ion: 98 Resp: 608081
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.249 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 95 Resp: 218161
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.8 0.0 154.0

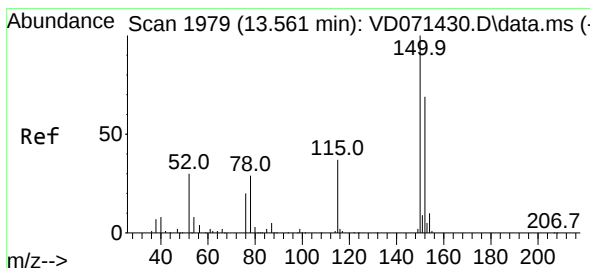
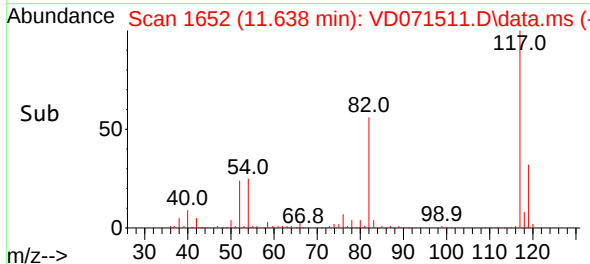
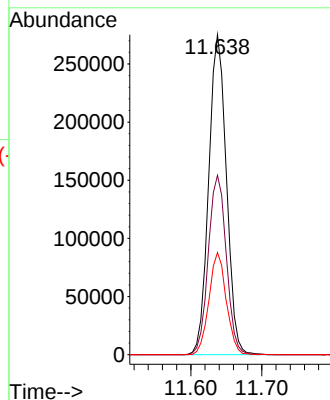
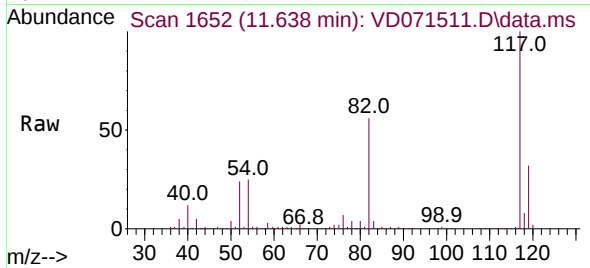




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tgt Ion:117 Resp: 476683
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion:152 Resp: 213423
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.5 0.0 349.2

