

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073242.D
 Acq On : 21 May 2022 21:20
 Operator : VA/SY
 Sample : N2920-03
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS008-0006-01

Quant Time: May 22 01:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	286914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	494998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	521822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156221	49.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.908	113	171160	52.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.800%
50) Toluene-d8	10.332	98	623069	51.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.620	95	229755	54.373	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.740%

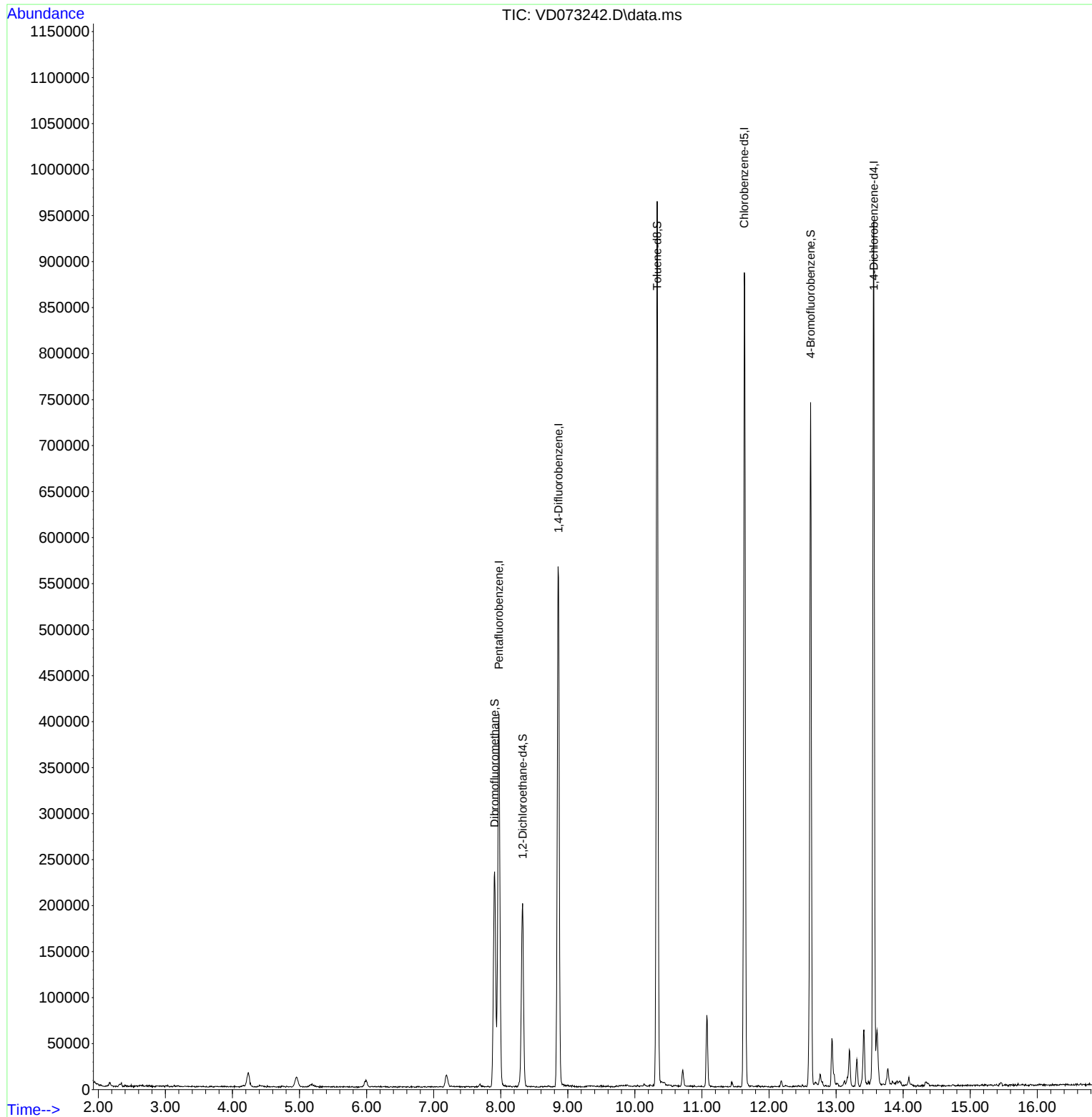
Target Compounds	Qvalue

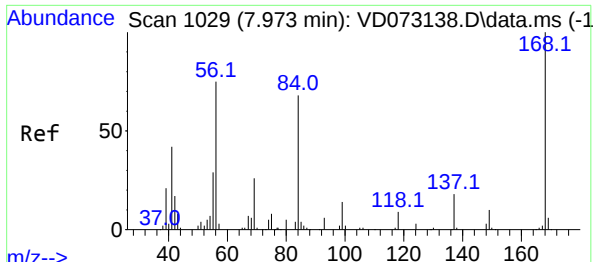
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073242.D
Acq On : 21 May 2022 21:20
Operator : VA/SY
Sample : N2920-03
Misc : 5.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01

Quant Time: May 22 01:34:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

Instrument :

MSVOA_D

ClientSampleId :

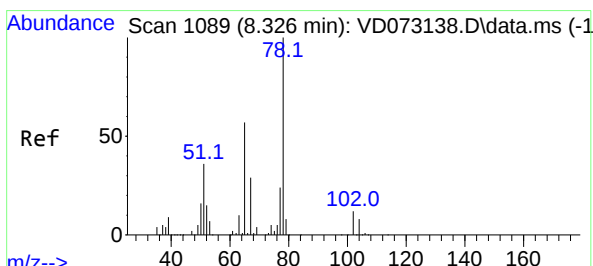
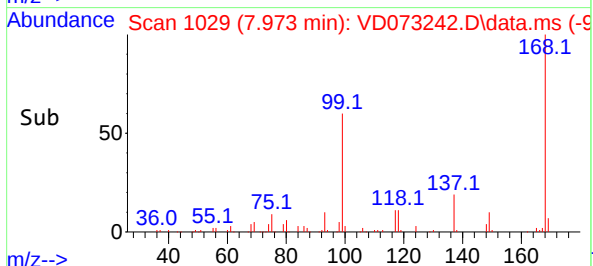
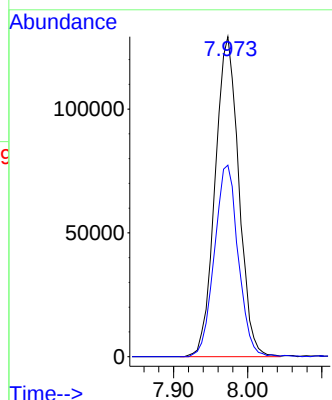
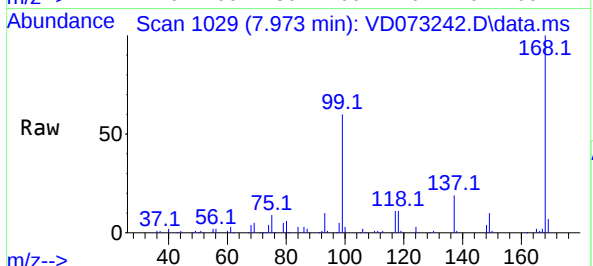
P015-SS008-0006-01

Tgt Ion:168 Resp: 286914

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.269 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073242.D

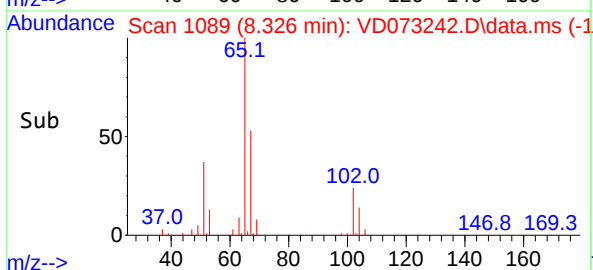
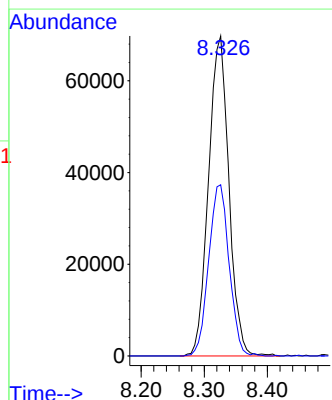
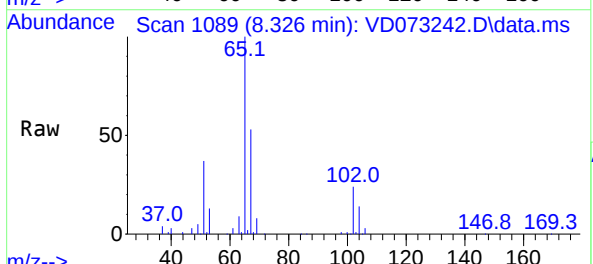
Acq: 21 May 2022 21:20

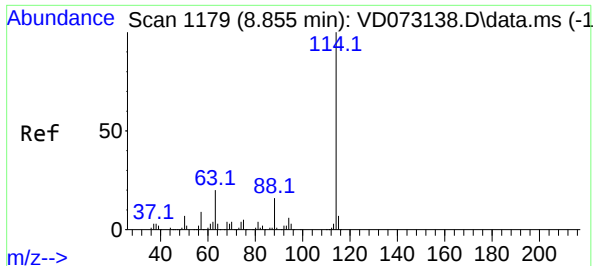
Tgt Ion: 65 Resp: 156221

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

Instrument :

MSVOA_D

ClientSampleId :

P015-SS008-0006-01

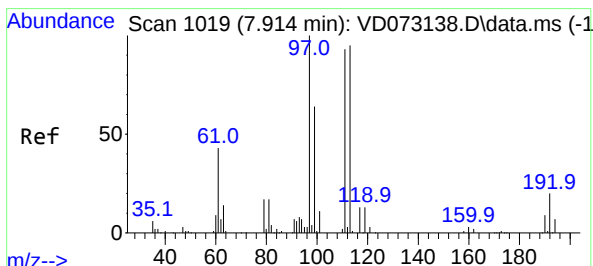
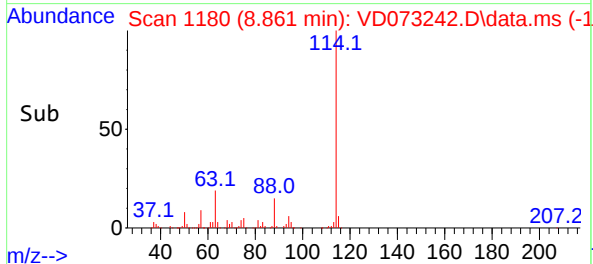
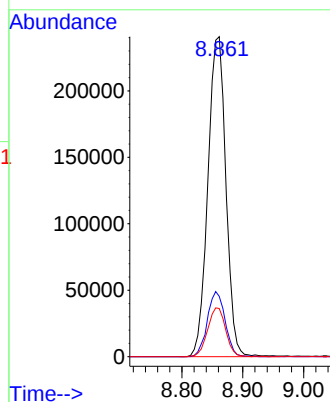
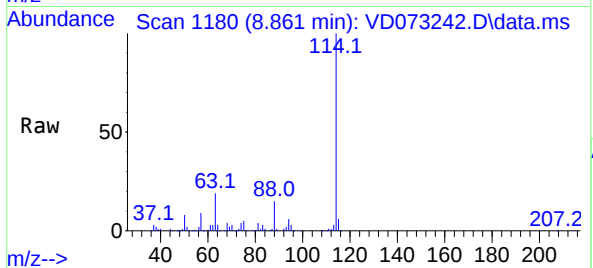
Tgt Ion:114 Resp: 494998

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.401 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

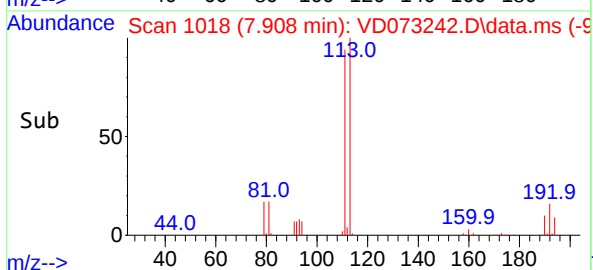
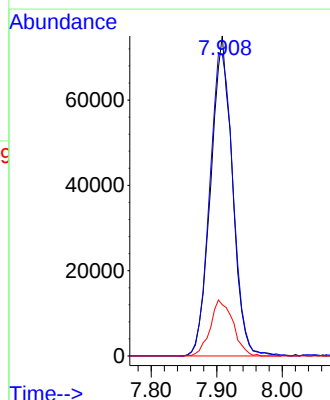
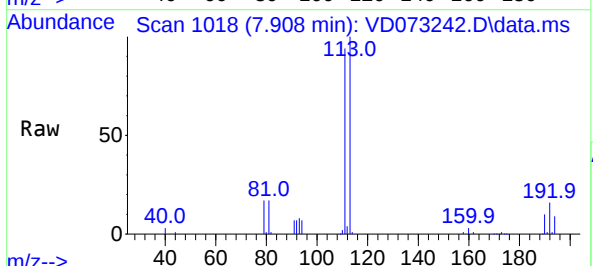
Tgt Ion:113 Resp: 171160

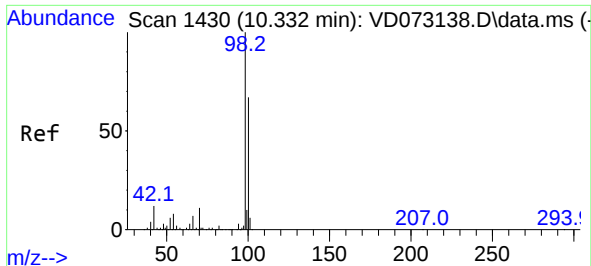
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.5 14.6 21.8

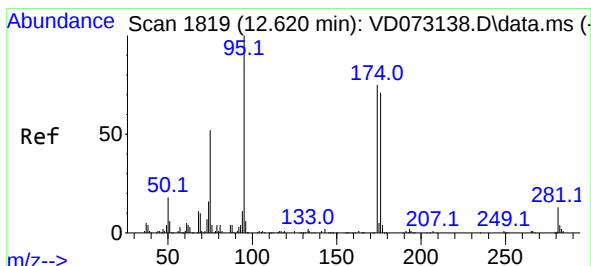
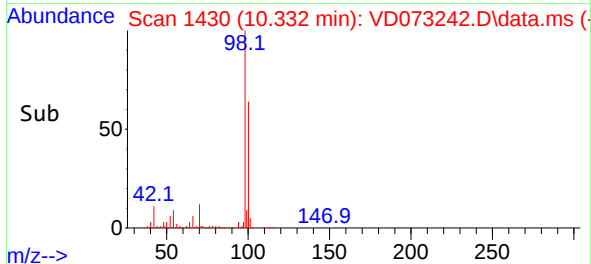
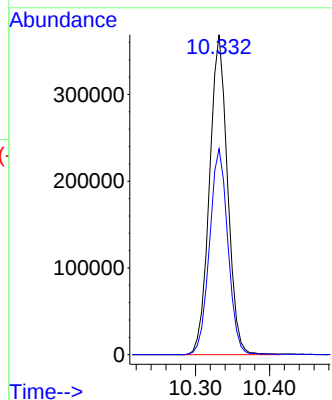
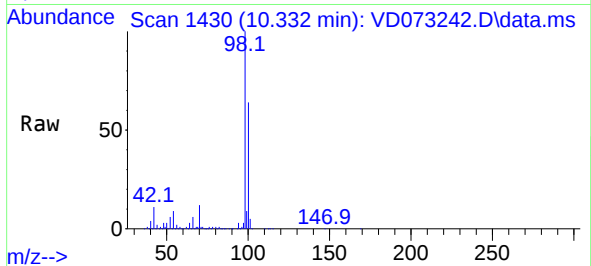




#50
Toluene-d8
Concen: 51.748 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

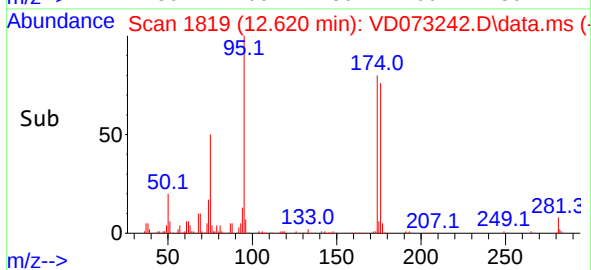
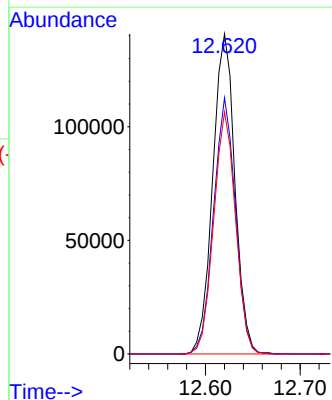
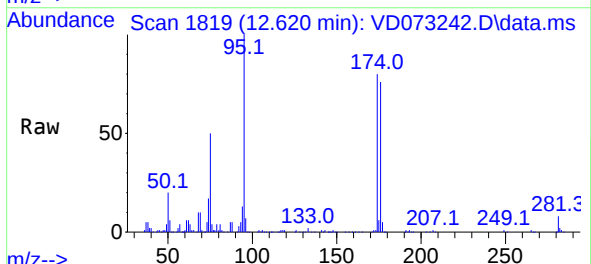
Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01

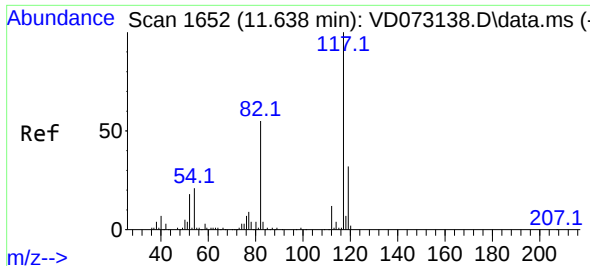
Tgt Ion: 98 Resp: 623069
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.373 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

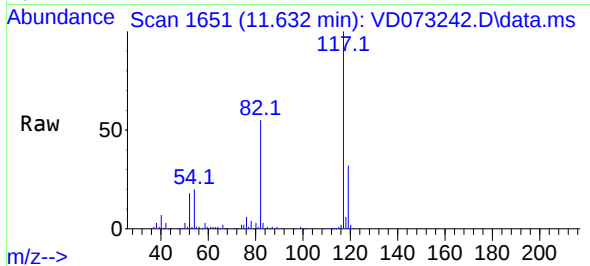
Tgt Ion: 95 Resp: 229755
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 74.6 0.0 145.4



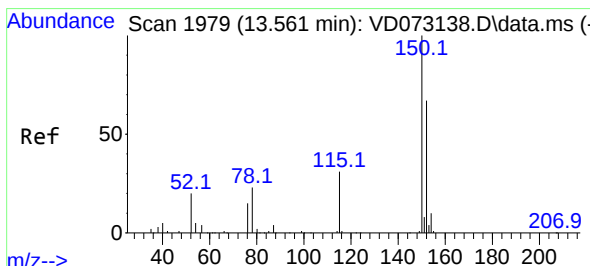
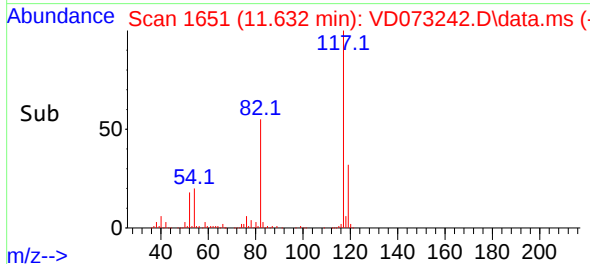
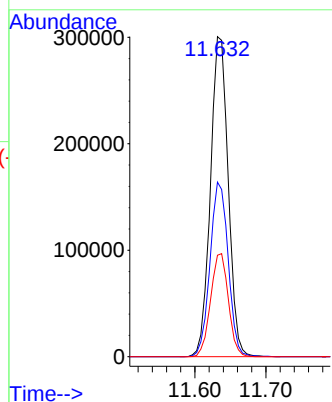


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01



Tgt Ion:117 Resp: 521822
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Tgt Ion:152 Resp: 247864
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 159.8 0.0 348.6

