

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073103.D
 Acq On : 18 May 2022 17:11
 Operator : VA/SY
 Sample : N2832-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB20

Quant Time: May 19 04:45:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	97014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	167836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	197053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	82759	68.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.420%
35) Dibromofluoromethane	7.903	113	70872	60.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.280%
50) Toluene-d8	10.332	98	213228	49.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.620	95	82288	53.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.280%

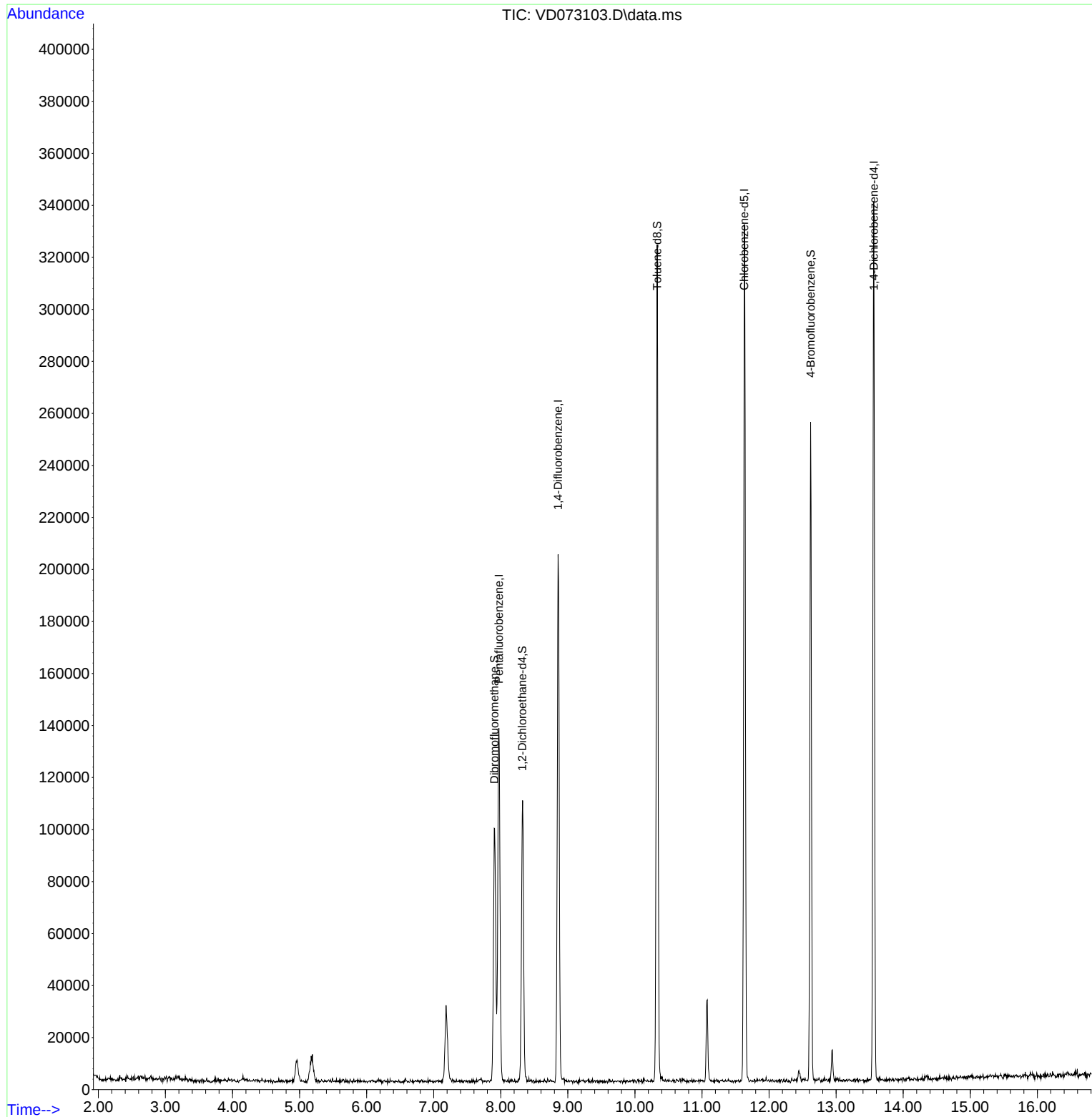
Target Compounds	Qvalue

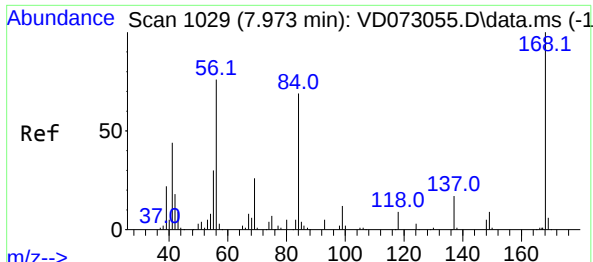
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073103.D
Acq On : 18 May 2022 17:11
Operator : VA/SY
Sample : N2832-04
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB20

Quant Time: May 19 04:45:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 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: VD073103.D

Acq: 18 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

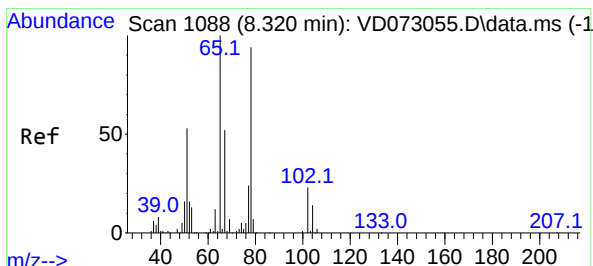
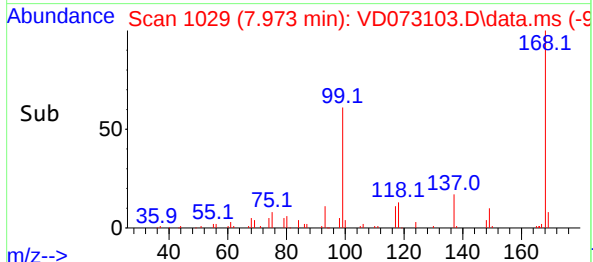
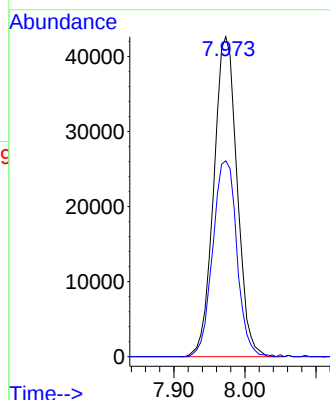
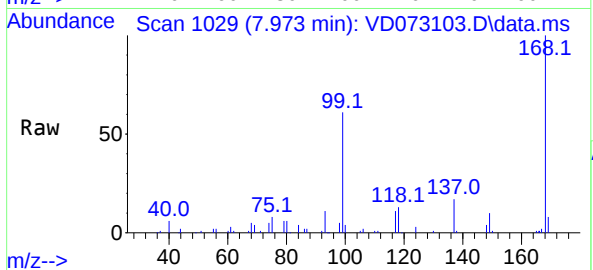
SB20

Tgt Ion:168 Resp: 97014

Ion Ratio Lower Upper

168 100

99 61.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 68.214 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073103.D

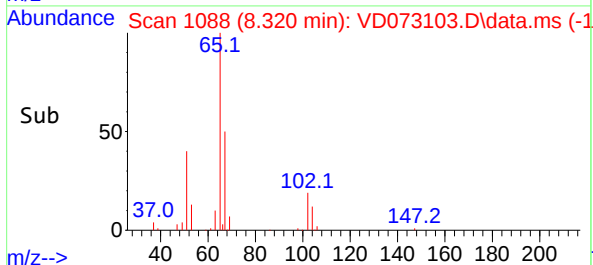
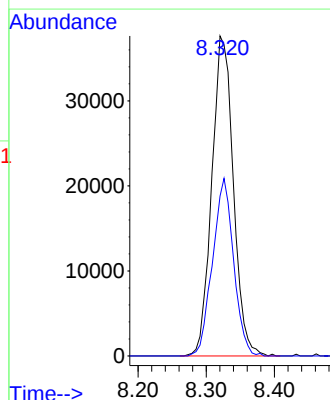
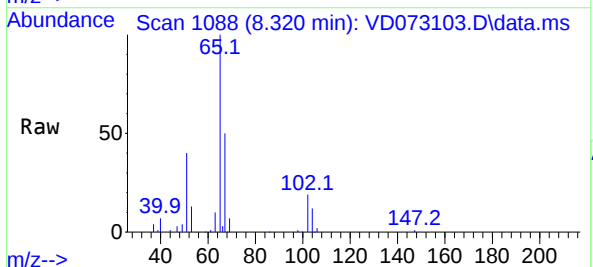
Acq: 18 May 2022 17:11

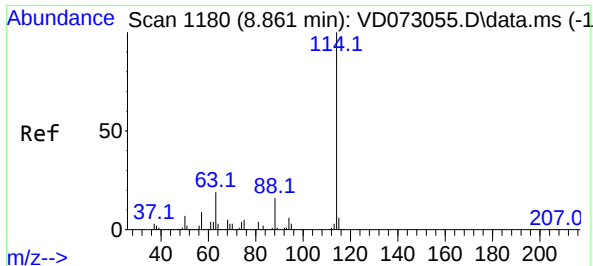
Tgt Ion: 65 Resp: 82759

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073103.D

Acq: 18 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

SB20

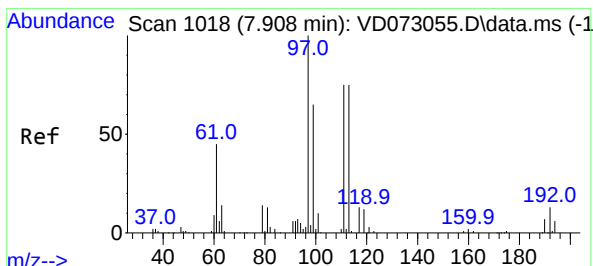
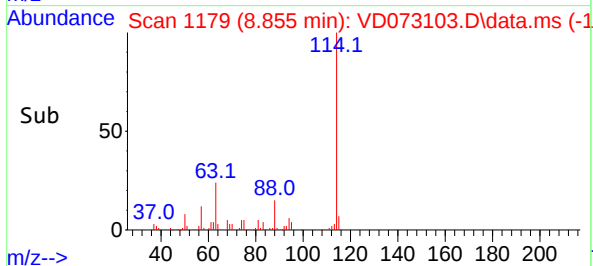
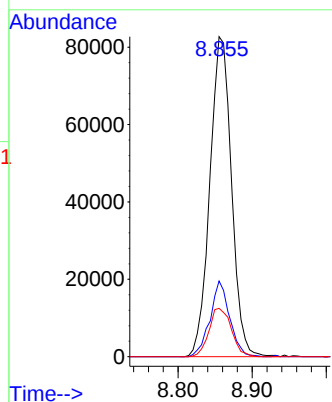
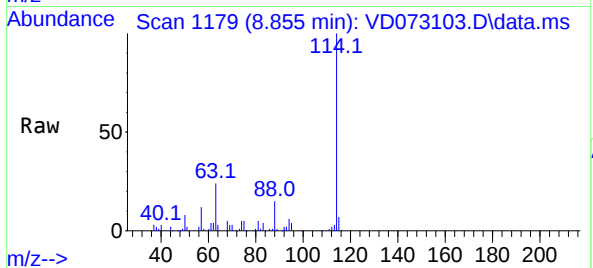
Tgt Ion:114 Resp: 167836

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.143 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073103.D

Acq: 18 May 2022 17:11

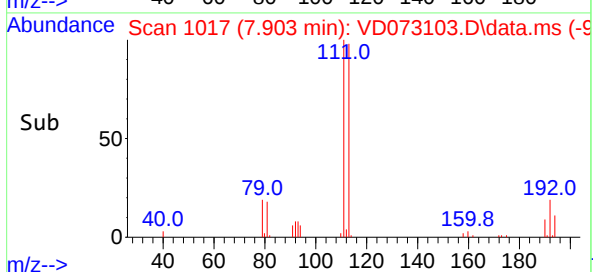
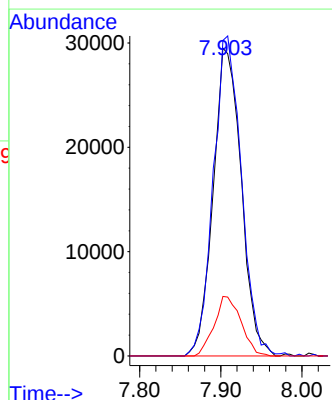
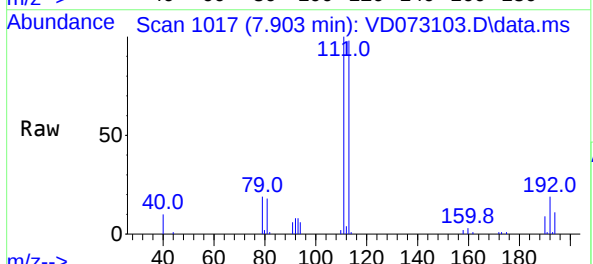
Tgt Ion:113 Resp: 70872

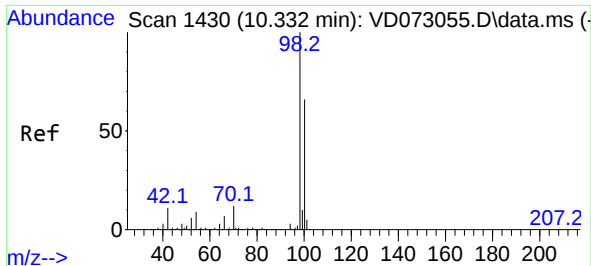
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.5 14.6 21.8

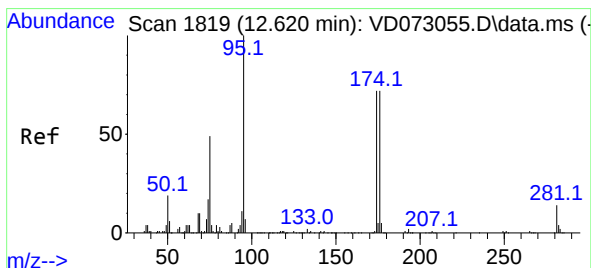
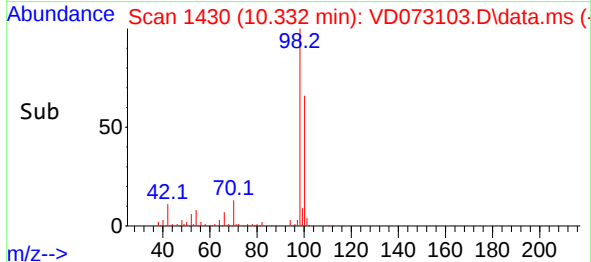
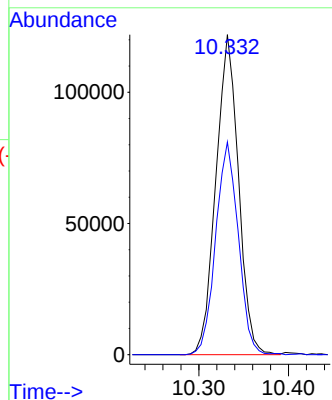
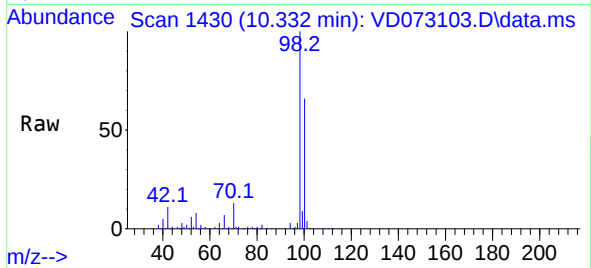




#50
Toluene-d8
Concen: 49.878 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

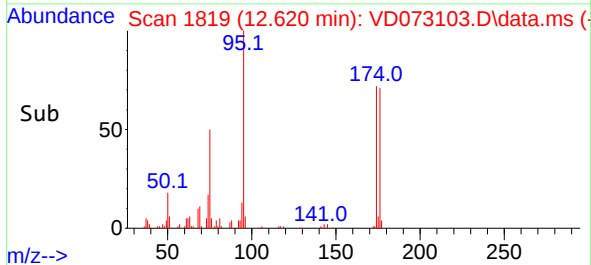
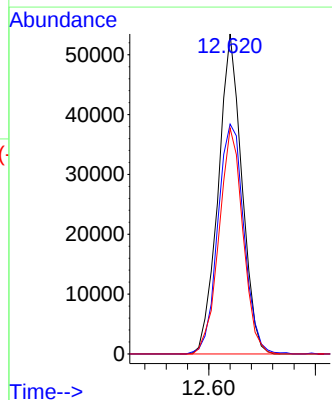
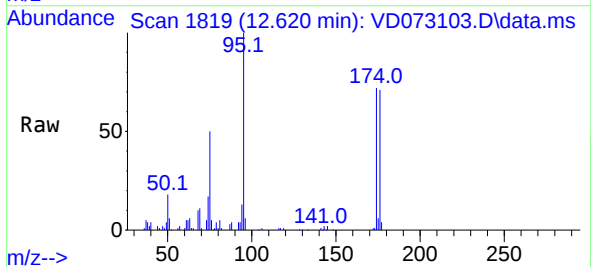
Instrument :
MSVOA_D
ClientSampleId :
SB20

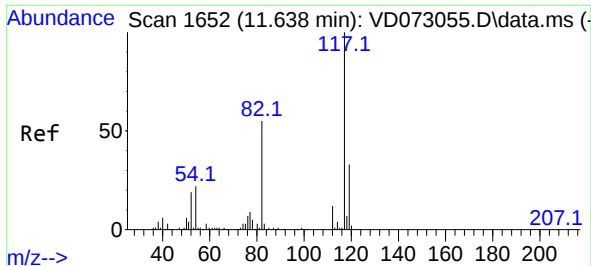
Tgt Ion: 98 Resp: 213228
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.144 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 95 Resp: 82288
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 71.3 0.0 145.4

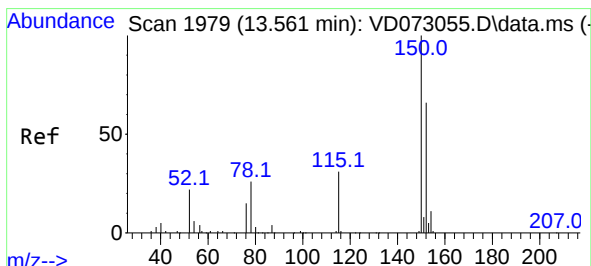
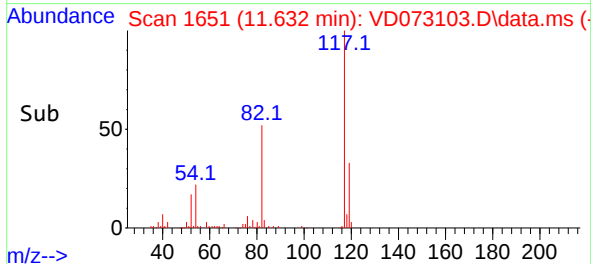
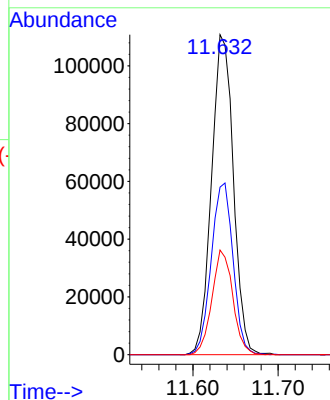
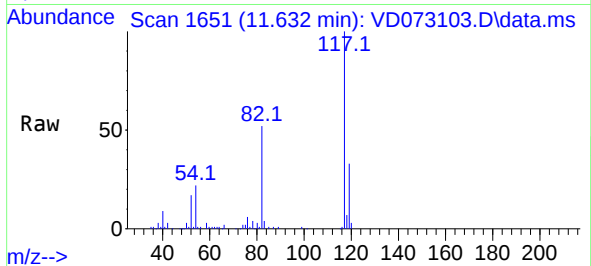




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
SB20

Tgt Ion:117 Resp: 197053
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 32.7 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: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion:152 Resp: 92267
Ion Ratio Lower Upper
152 100
115 57.0 31.3 93.8
150 154.0 0.0 348.6

