

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073748.D
 Acq On : 28 Jun 2022 13:31
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 29 01:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

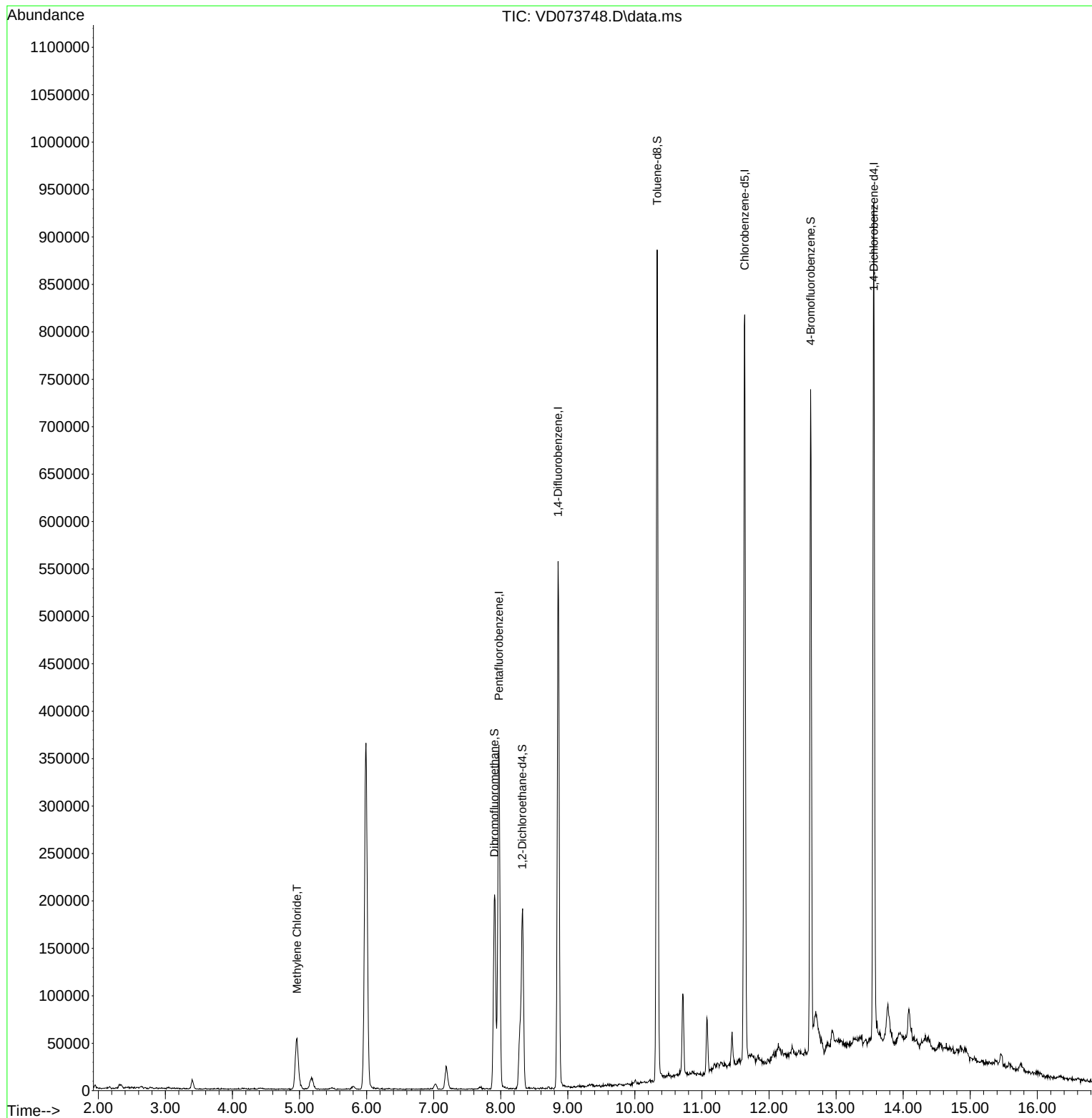
Internal Standards						
1) Pentafluorobenzene	7.973	168	262943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	471598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	476571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	151288	72.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.820%	
35) Dibromofluoromethane	7.903	113	148742	54.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.320%	
50) Toluene-d8	10.332	98	590422	63.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.960%	
62) 4-Bromofluorobenzene	12.620	95	224336	59.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.060%	
Target Compounds						
20) Methylene Chloride	4.962	84	42360	8.048	ug/l	Qvalue 88

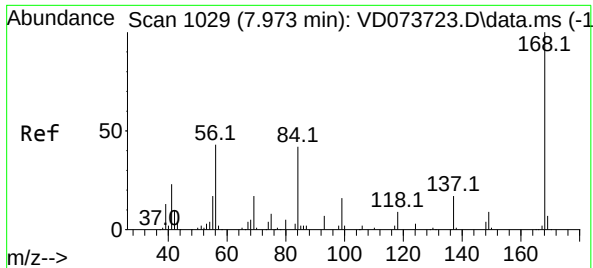
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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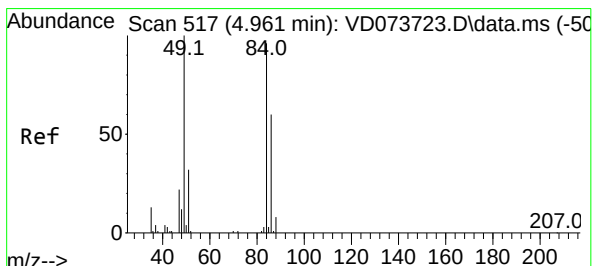
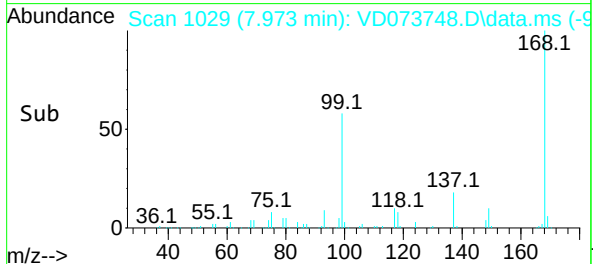
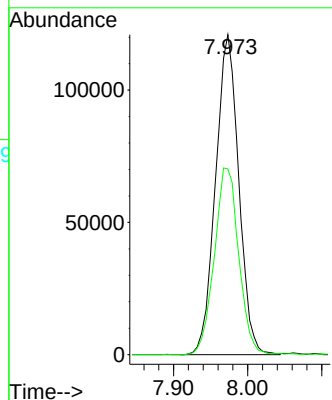
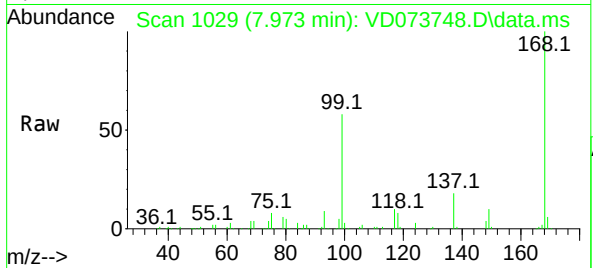




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073748.D
Acq: 28 Jun 2022 13:31

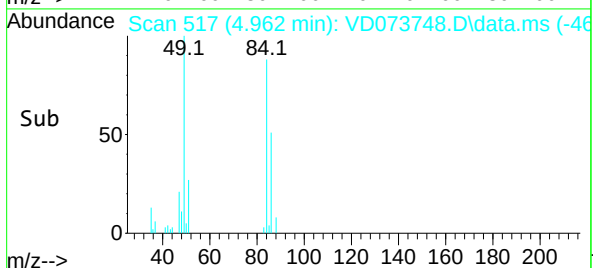
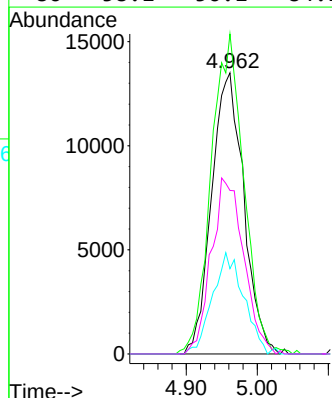
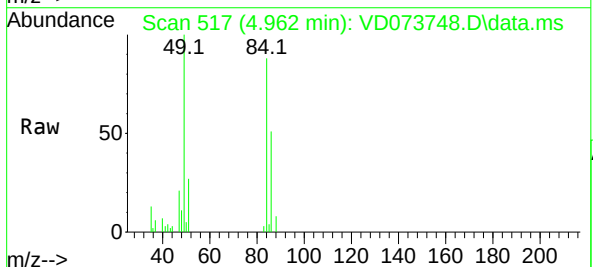
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

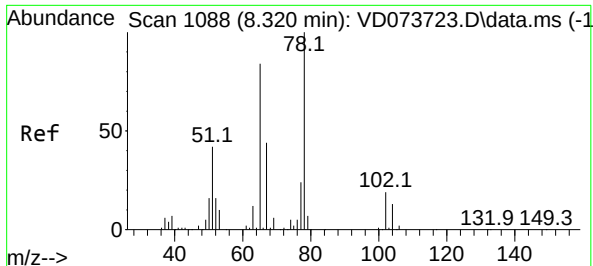
Tgt Ion:168 Resp: 262943
Ion Ratio Lower Upper
168 100
99 58.1 46.4 69.6



#20
Methylene Chloride
Concen: 8.048 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD073748.D
Acq: 28 Jun 2022 13:31

Tgt Ion: 84 Resp: 42360
Ion Ratio Lower Upper
84 100
49 112.6 100.6 150.8
51 30.3 29.8 44.6
86 58.1 56.1 84.1





#33

1,2-Dichloroethane-d4

Concen: 72.412 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073748.D

Acq: 28 Jun 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

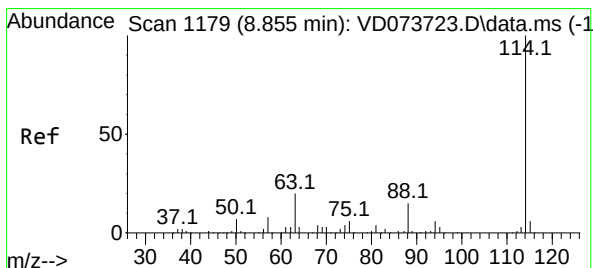
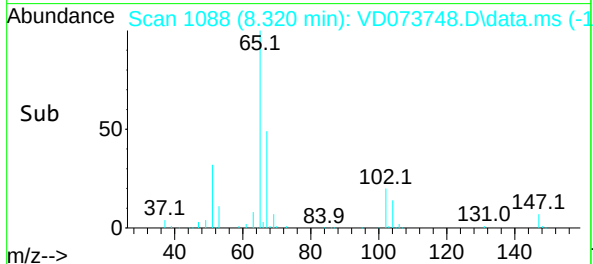
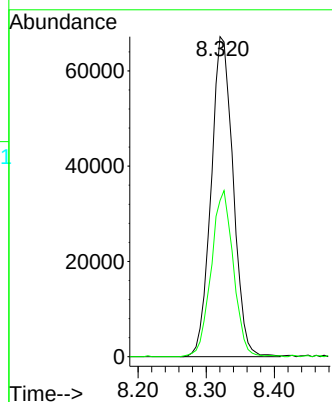
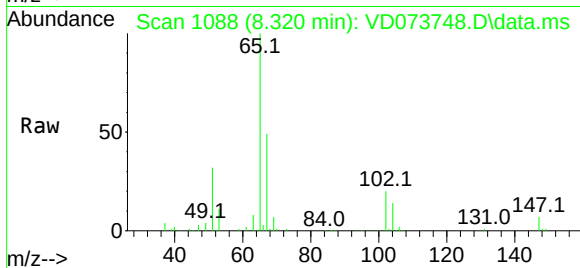
VIBLK

Tgt Ion: 65 Resp: 151288

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073748.D

Acq: 28 Jun 2022 13:31

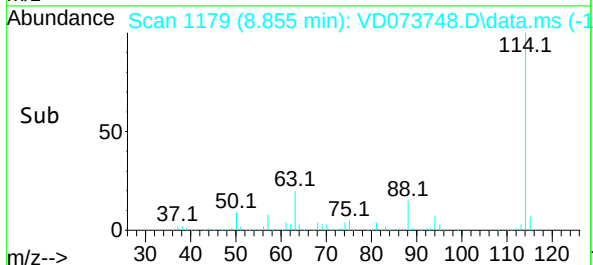
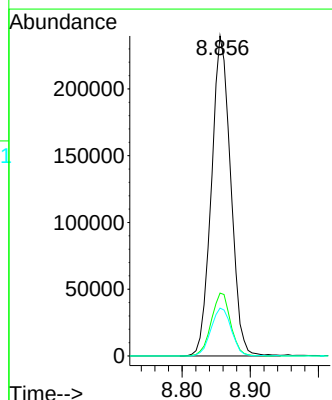
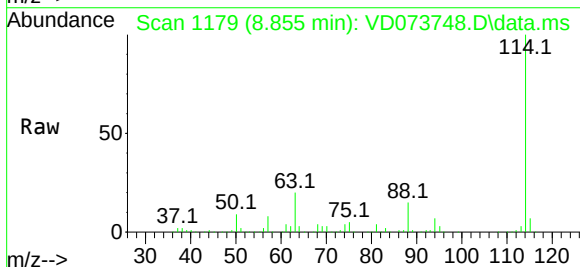
Tgt Ion: 114 Resp: 471598

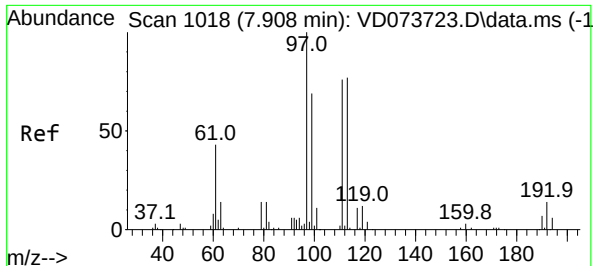
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 54.656 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073748.D

Acq: 28 Jun 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

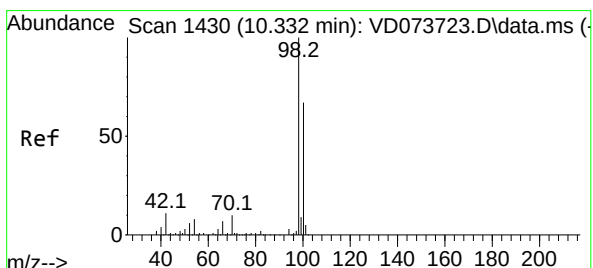
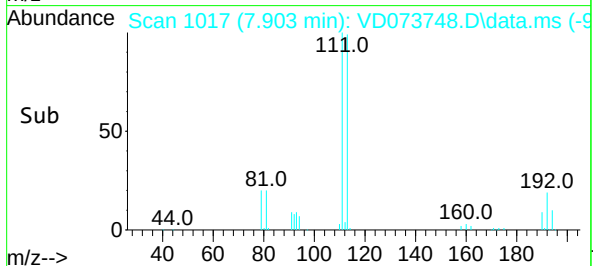
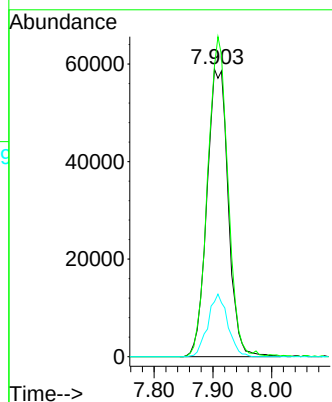
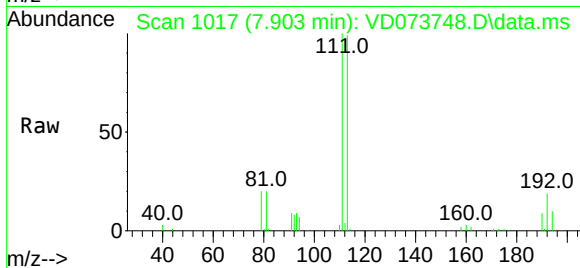
Tgt Ion:113 Resp: 148742

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.6

192 20.2 14.8 22.2



#50

Toluene-d8

Concen: 63.979 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073748.D

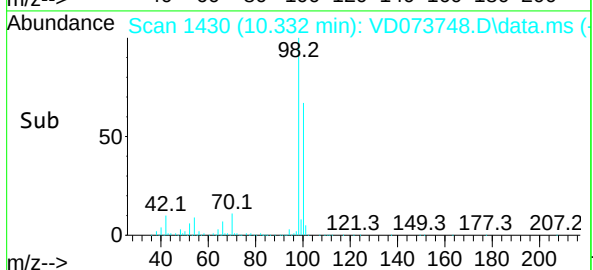
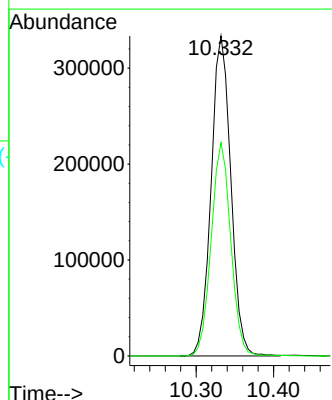
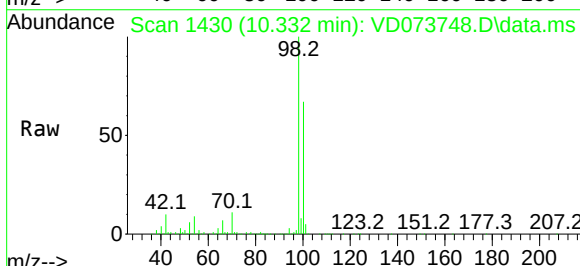
Acq: 28 Jun 2022 13:31

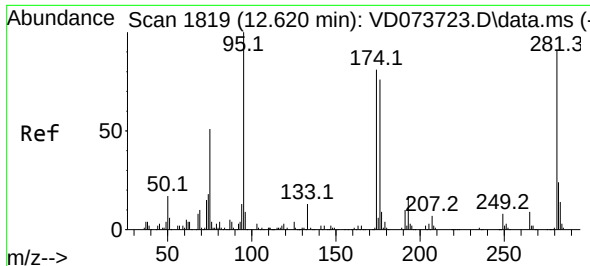
Tgt Ion: 98 Resp: 590422

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0

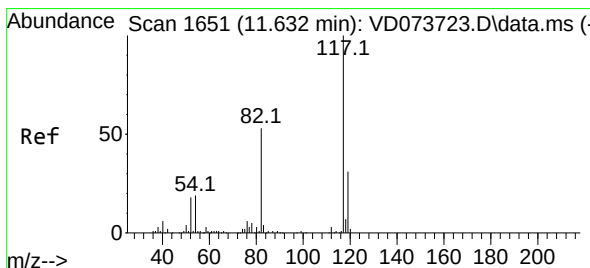
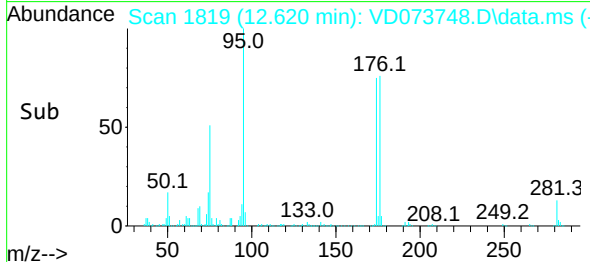
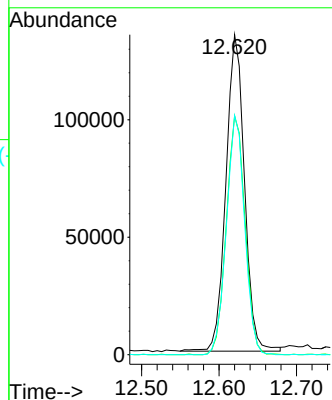
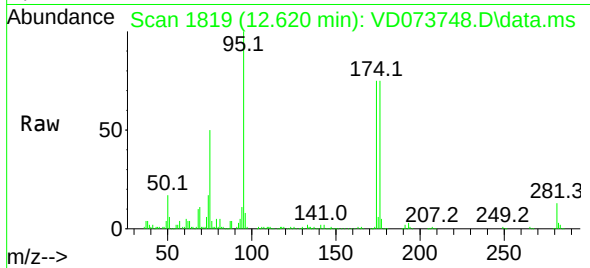




#62
4-Bromofluorobenzene
Concen: 59.030 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073748.D
Acq: 28 Jun 2022 13:31

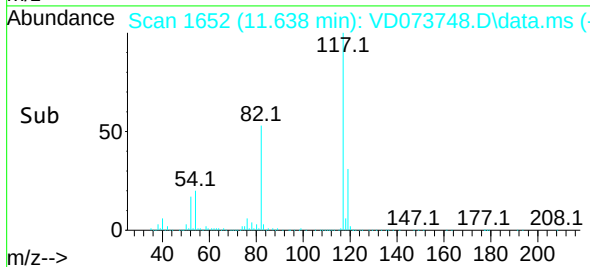
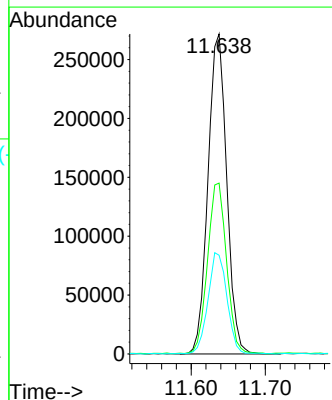
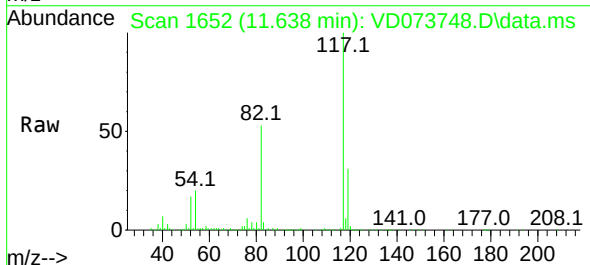
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

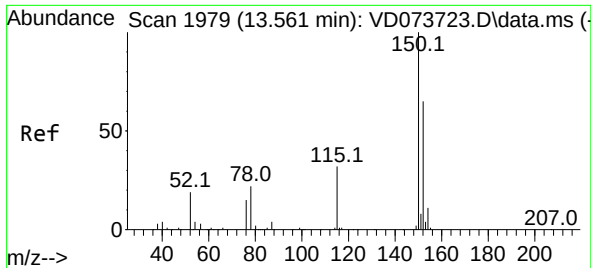
Tgt Ion: 95 Resp: 224336
Ion Ratio Lower Upper
95 100
174 76.2 0.0 158.4
176 74.3 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073748.D
Acq: 28 Jun 2022 13:31

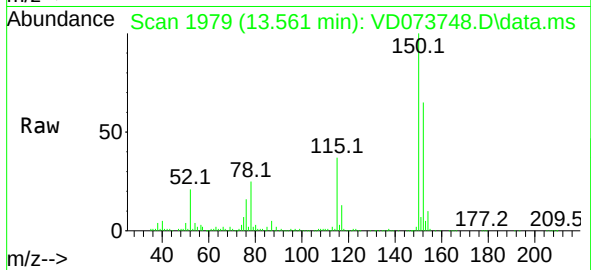
Tgt Ion: 117 Resp: 476571
Ion Ratio Lower Upper
117 100
82 53.2 41.5 62.3
119 30.7 27.1 40.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073748.D
 Acq: 28 Jun 2022 13:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 234037
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.6 91.6
 150 156.7 0.0 355.0

