

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074108.D
 Acq On : 16 Aug 2022 18:21
 Operator : VA/SY
 Sample : N4194-13
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PCB-GCP2-BLANK

Quant Time: Aug 16 20:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

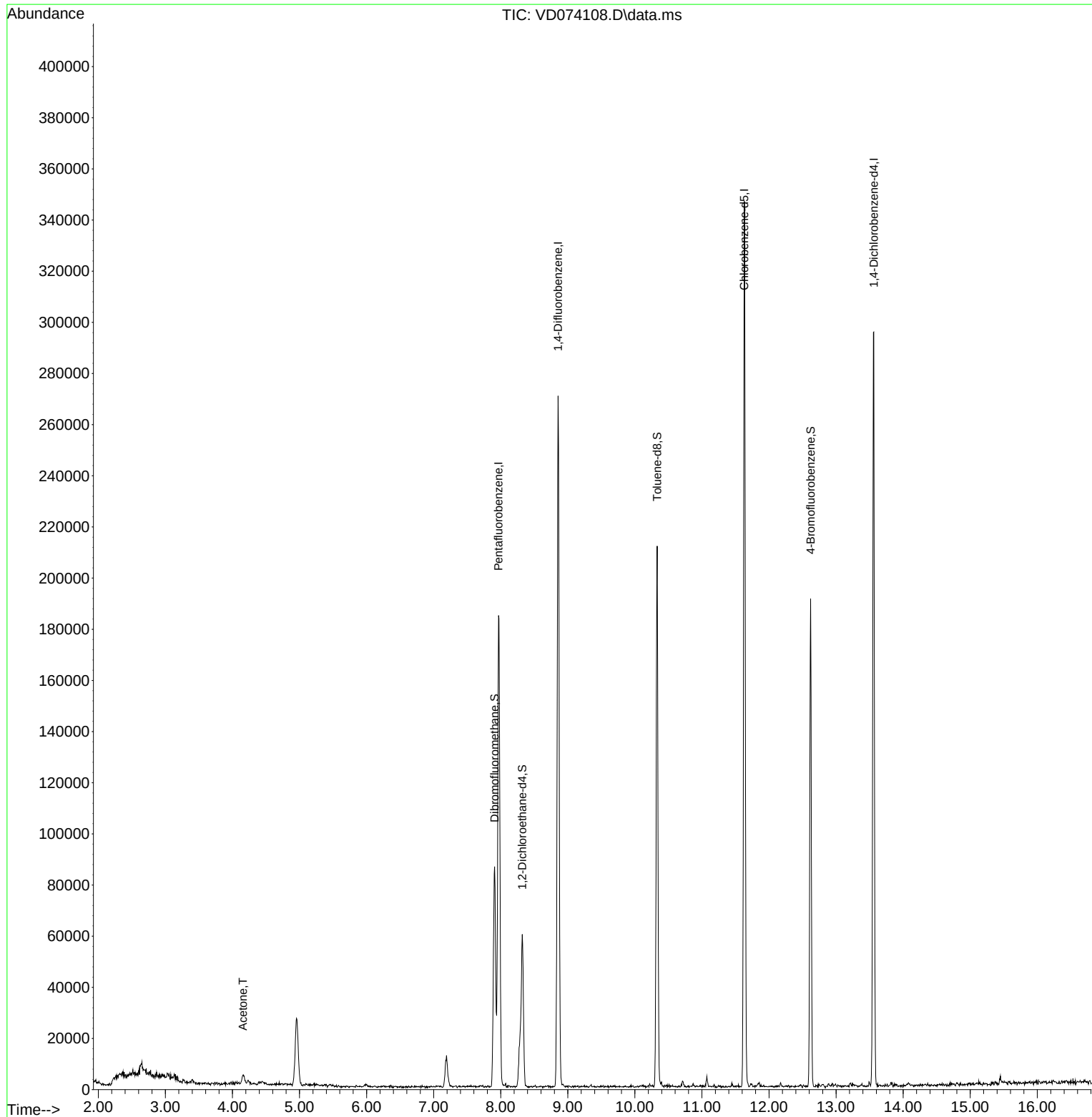
Internal Standards						
1) Pentafluorobenzene	7.967	168	132707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	231928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	199649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45517	45.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.720%
35) Dibromofluoromethane	7.909	113	60515	40.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.660%
50) Toluene-d8	10.332	98	143194	31.822	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	63.640%
62) 4-Bromofluorobenzene	12.620	95	59228	31.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.740%
Target Compounds						
16) Acetone	4.156	43	7048	18.396	ug/l	Qvalue 98

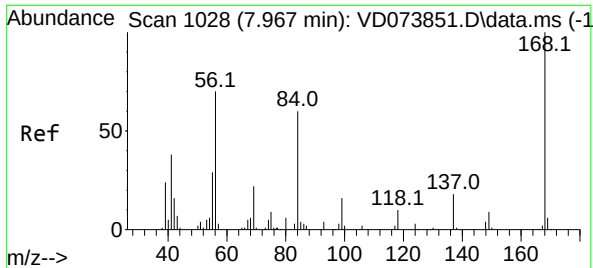
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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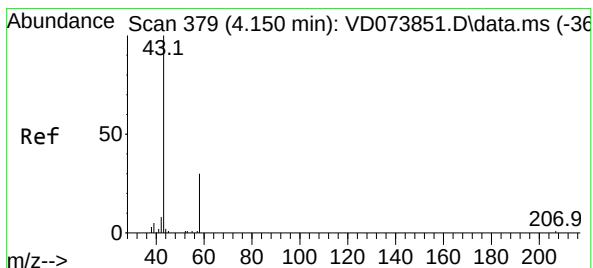
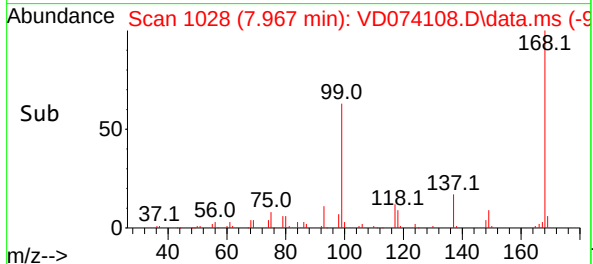
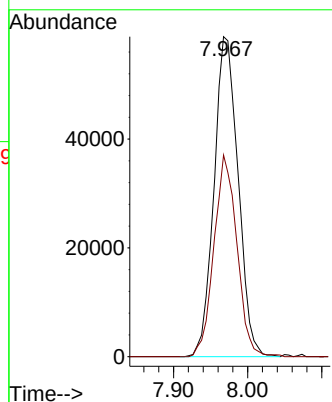
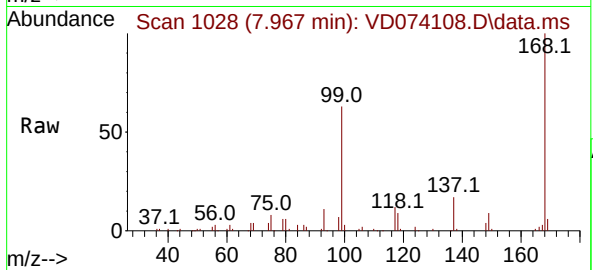




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074108.D
Acq: 16 Aug 2022 18:21

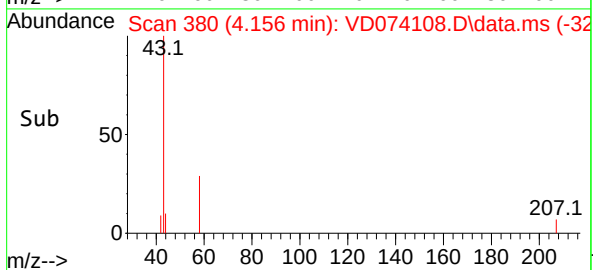
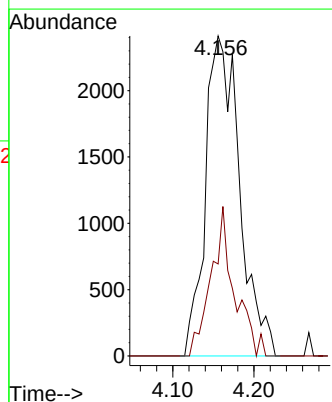
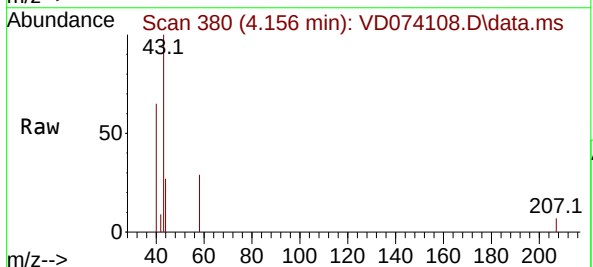
Instrument :
MSVOA_D
ClientSampleId :
PCB-GCP2-BLANK

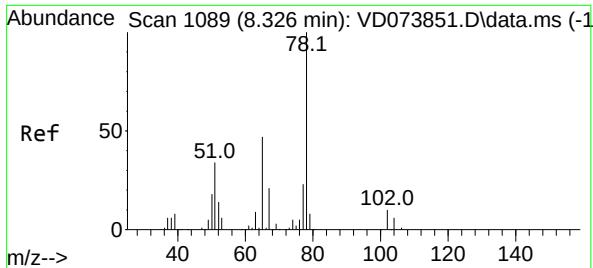
Tgt Ion:168 Resp: 132707
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#16
Acetone
Concen: 18.396 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD074108.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 43 Resp: 7048
Ion Ratio Lower Upper
43 100
58 28.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 45.365 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD074108.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_D

ClientSampleId :

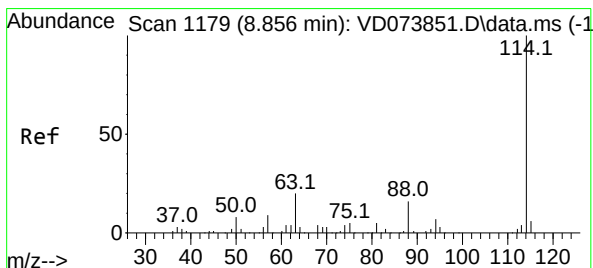
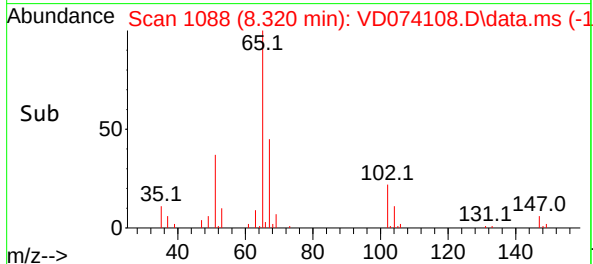
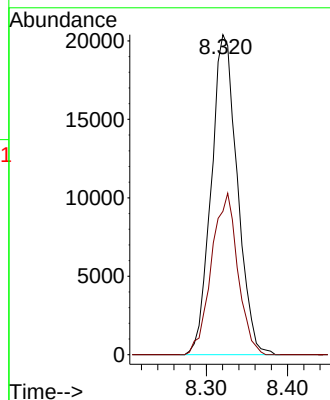
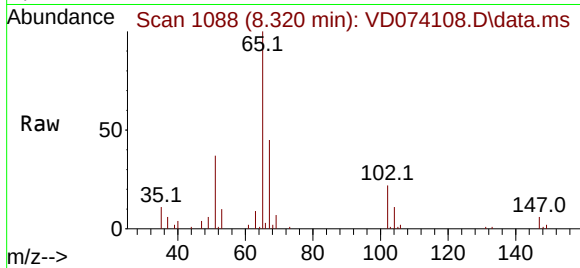
PCB-GCP2-BLANK

Tgt Ion: 65 Resp: 45517

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074108.D

Acq: 16 Aug 2022 18:21

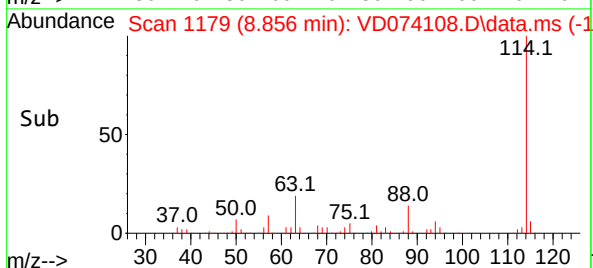
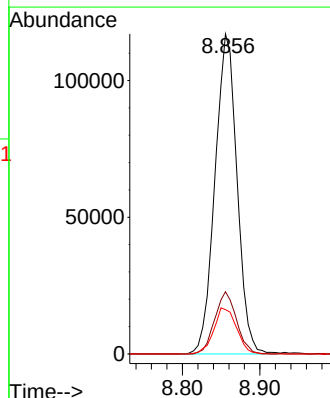
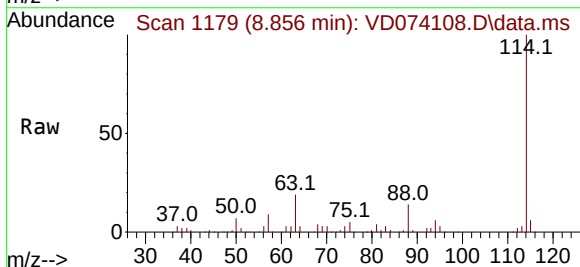
Tgt Ion: 114 Resp: 231928

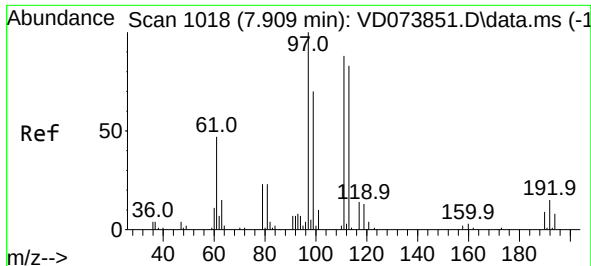
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 13.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 40.832 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD074108.D

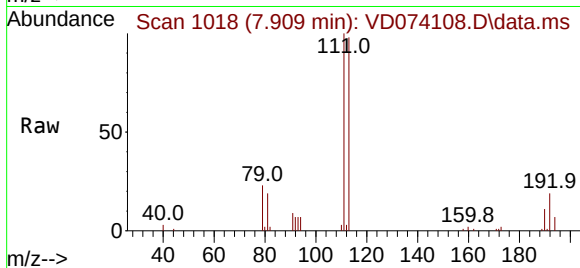
Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_D

ClientSampleId :

PCB-GCP2-BLANK



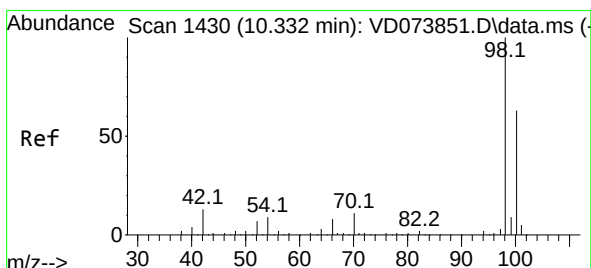
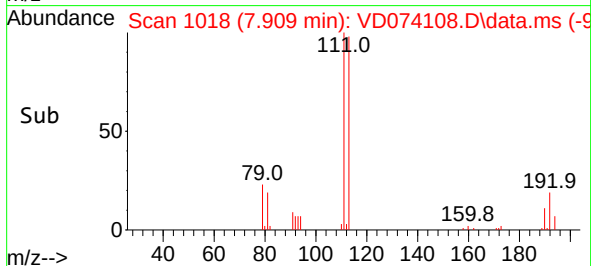
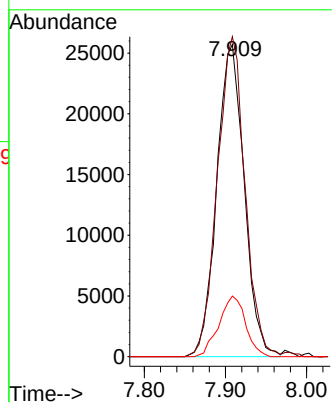
Tgt Ion:113 Resp: 60515

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.8 14.6 21.8



#50

Toluene-d8

Concen: 31.822 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074108.D

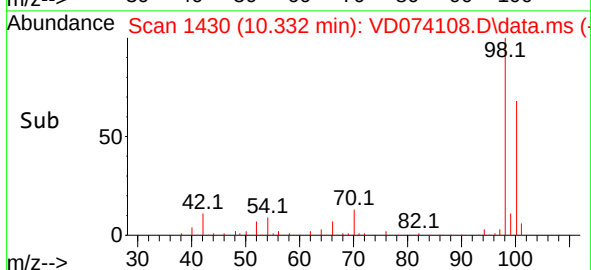
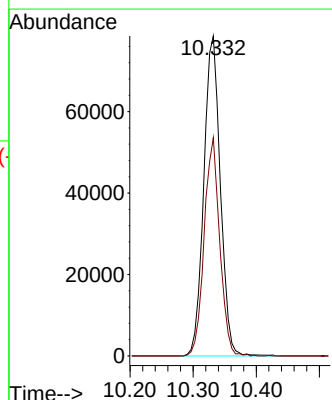
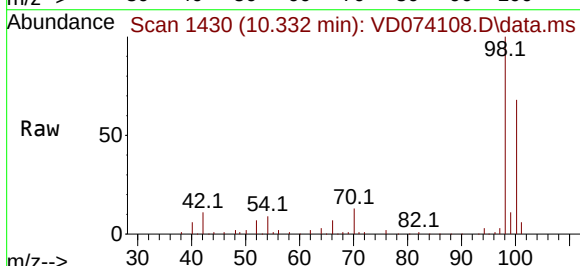
Acq: 16 Aug 2022 18:21

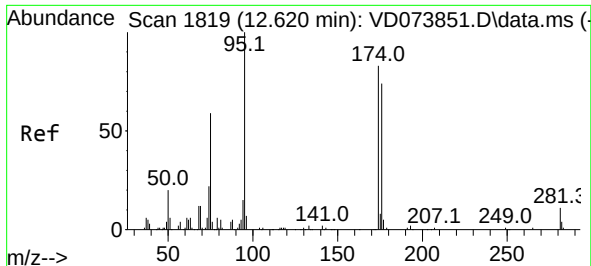
Tgt Ion: 98 Resp: 143194

Ion Ratio Lower Upper

98 100

100 64.0 52.4 78.6

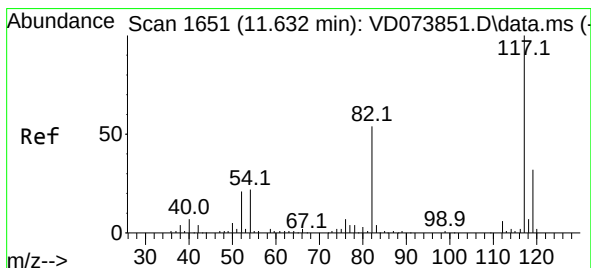
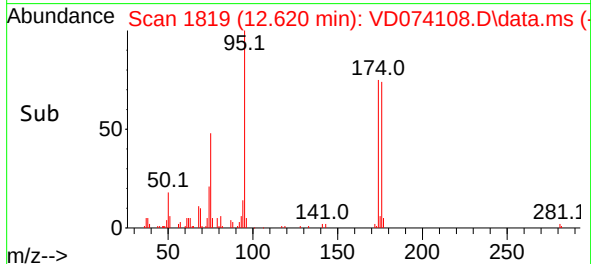
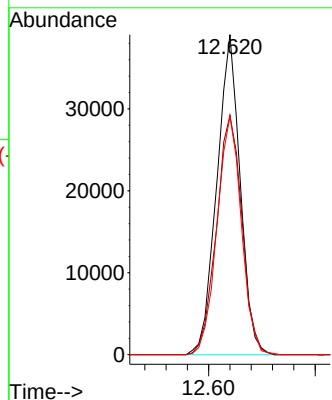
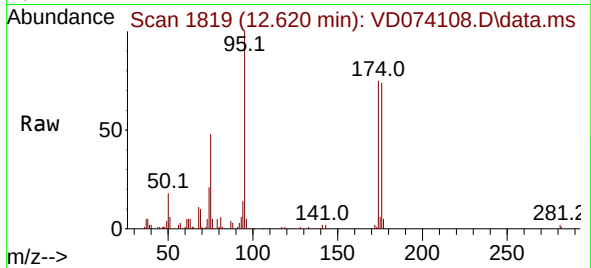




#62
4-Bromofluorobenzene
Concen: 31.874 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074108.D
Acq: 16 Aug 2022 18:21

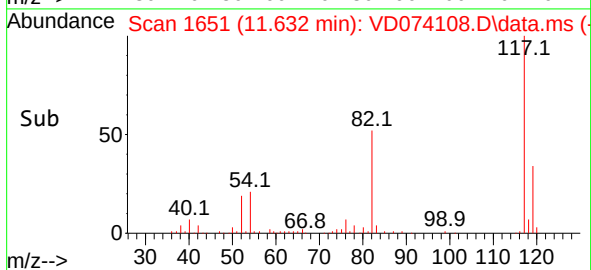
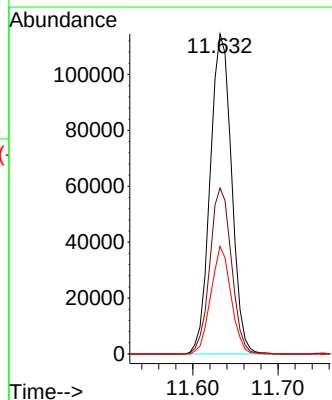
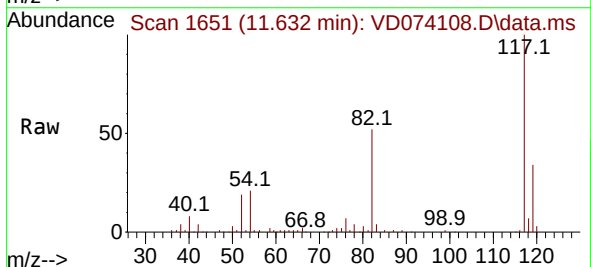
Instrument :
MSVOA_D
ClientSampleId :
PCB-GCP2-BLANK

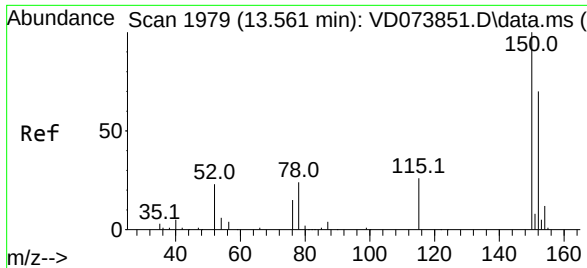
Tgt Ion: 95 Resp: 59228
Ion Ratio Lower Upper
95 100
174 81.6 0.0 152.8
176 77.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074108.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 117 Resp: 199649
Ion Ratio Lower Upper
117 100
82 51.8 45.3 67.9
119 33.6 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: VD074108.D

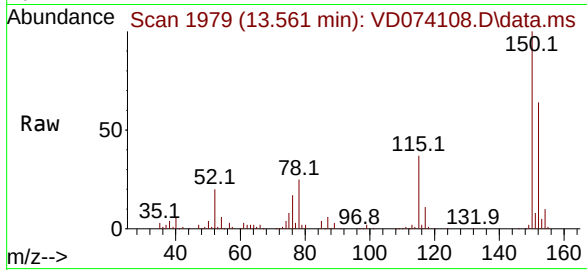
Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_D

ClientSampleId :

PCB-GCP2-BLANK



Tgt Ion:152 Resp: 78762

Ion Ratio Lower Upper

152 100

115 60.2 31.3 93.8

150 154.9 0.0 348.6

