

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070087.D
 Acq On : 17 Aug 2021 14:43
 Operator : VA/SY
 Sample : M3389-11
 Misc : 4.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-17

Quant Time: Aug 18 03:06:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	485257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1041437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1010323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	420182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	349632	61.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.520%
35) Dibromofluoromethane	7.914	113	351188	52.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.338	98	1349563	51.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.626	95	420732	48.811	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.620%

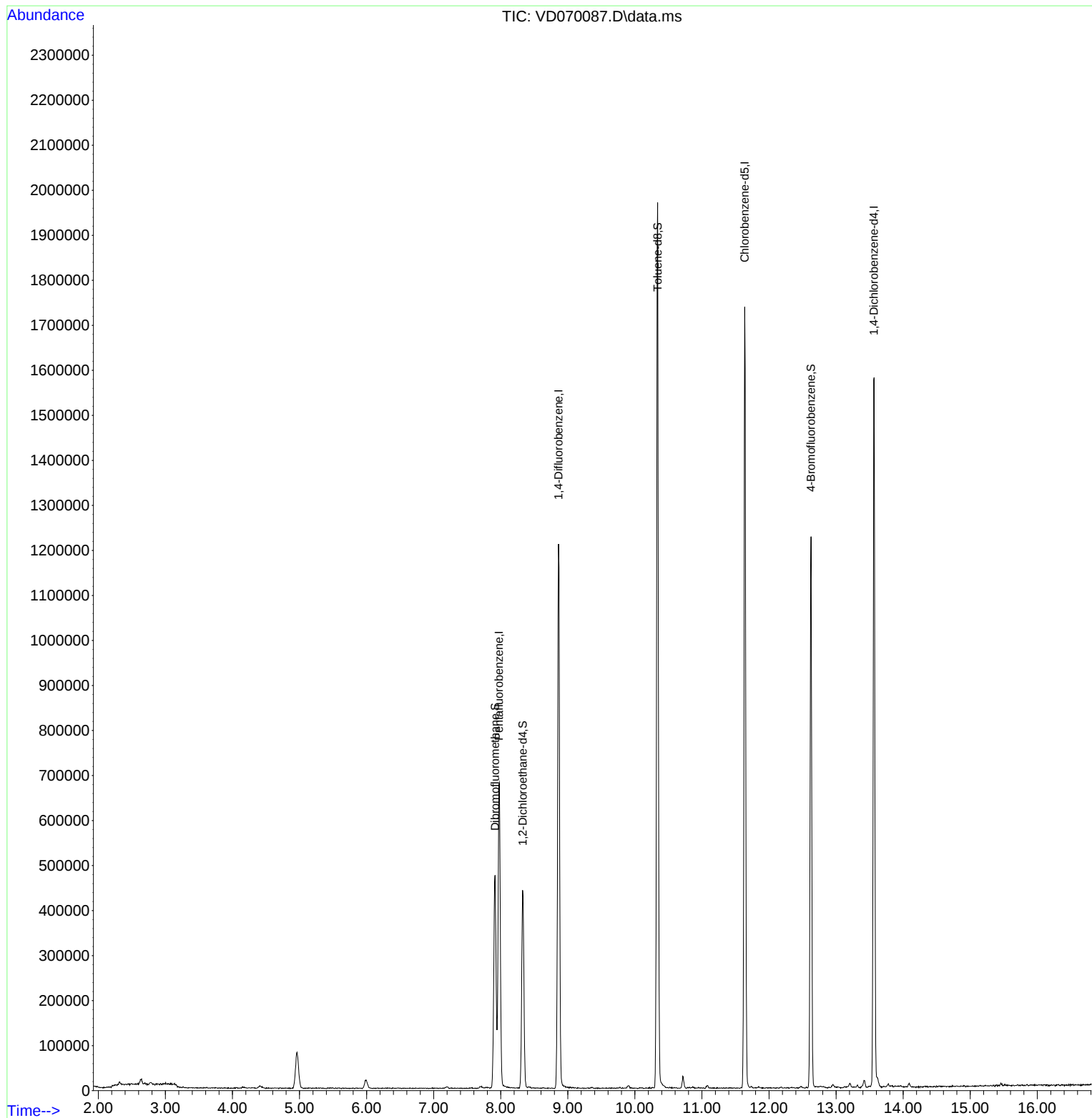
Target Compounds	Qvalue

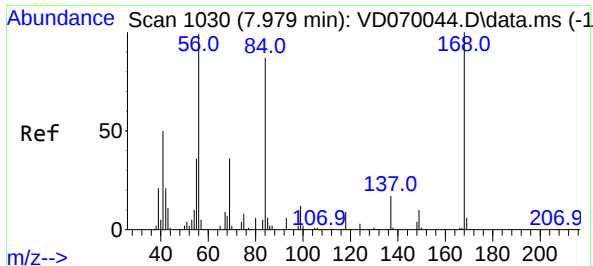
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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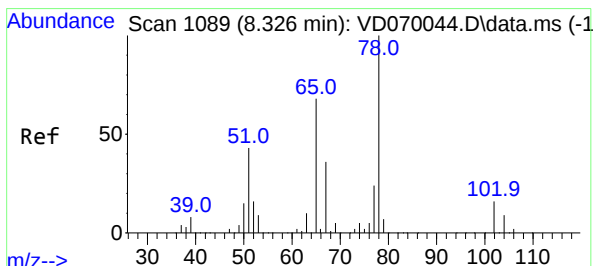
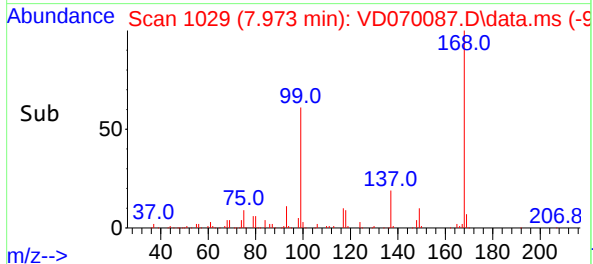
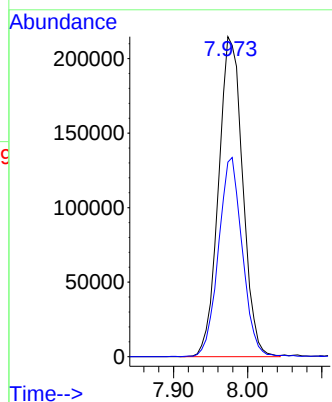
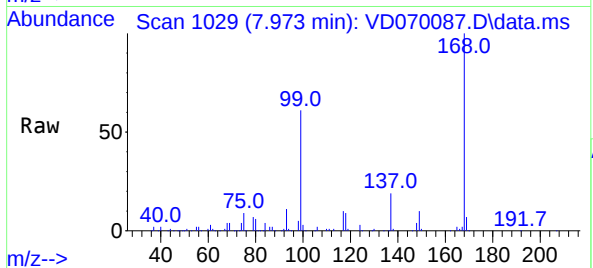




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

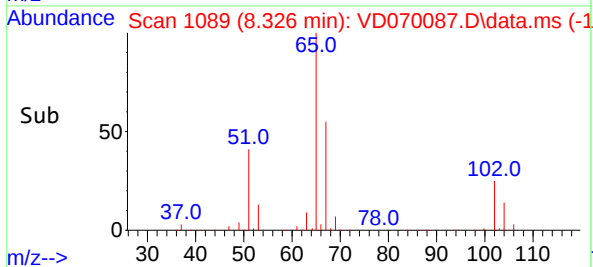
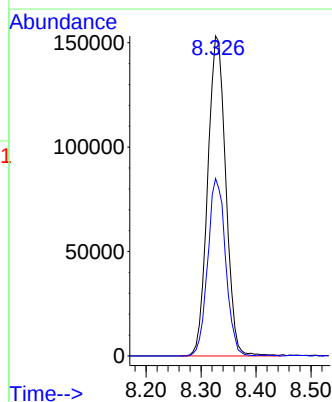
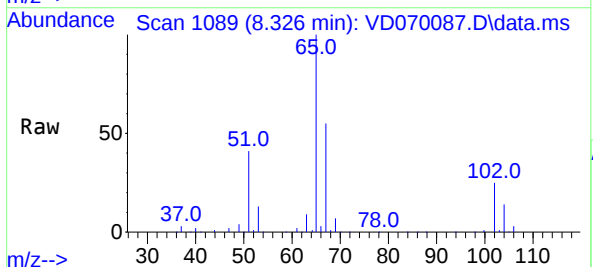
Instrument :
MSVOA_D
ClientSampled :
CRT-17

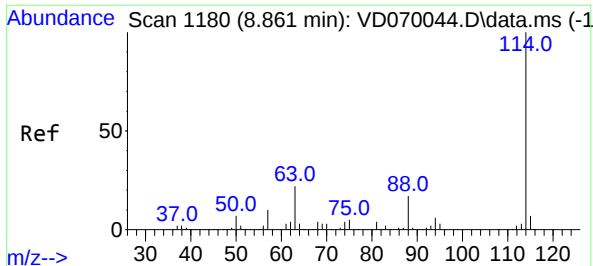
Tgt Ion:168 Resp: 485257
Ion Ratio Lower Upper
168 100
99 60.8 50.3 75.5



1,2-Dichloroethane-d4
Concen: 61.260 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

Tgt Ion: 65 Resp: 349632
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070087.D

Acq: 17 Aug 2021 14:43

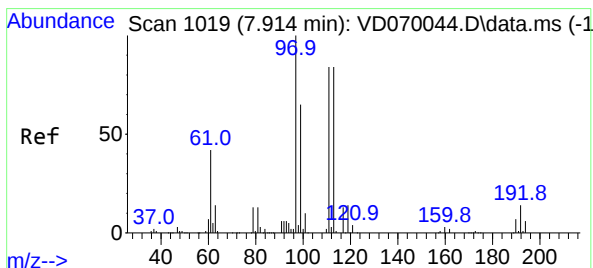
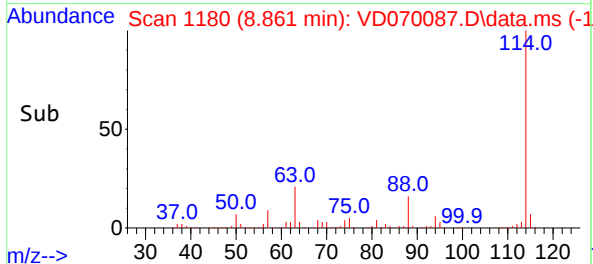
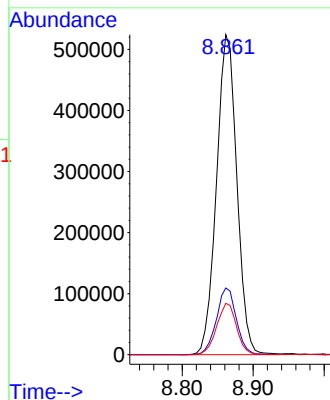
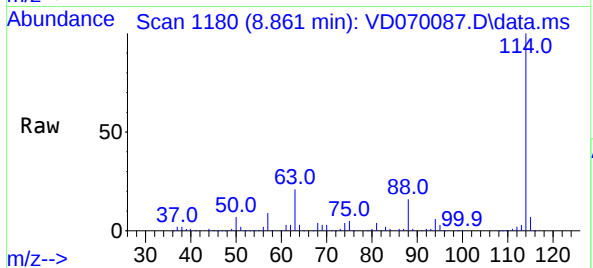
Tgt Ion:114 Resp: 1041437

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.6

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 52.195 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070087.D

Acq: 17 Aug 2021 14:43

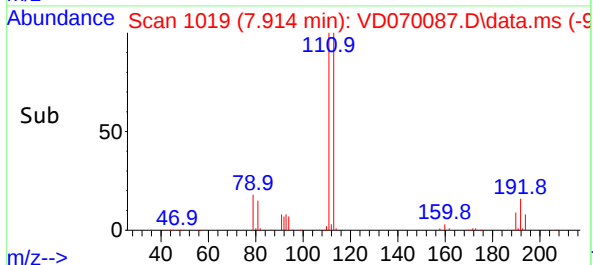
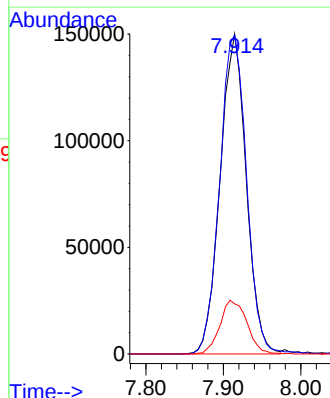
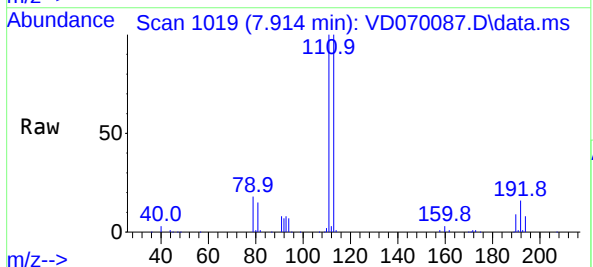
Tgt Ion:113 Resp: 351188

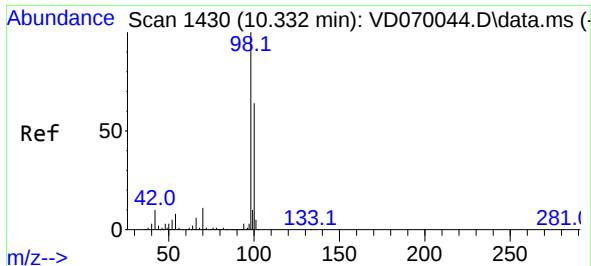
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 17.4 13.2 19.8

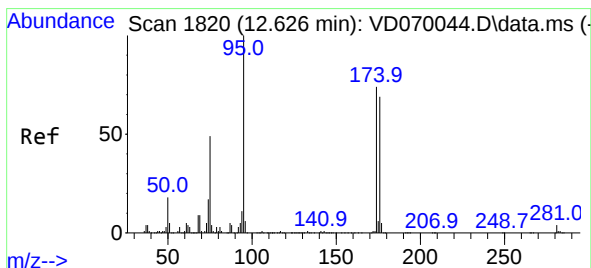
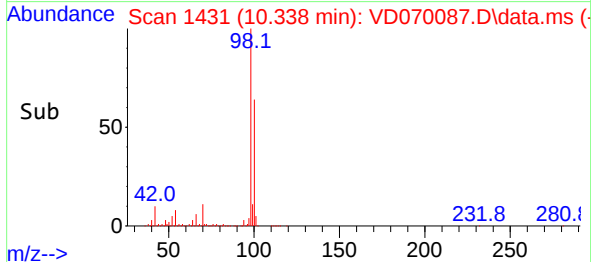
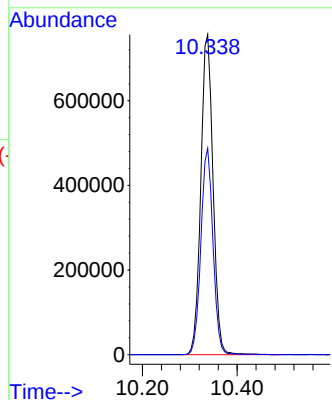
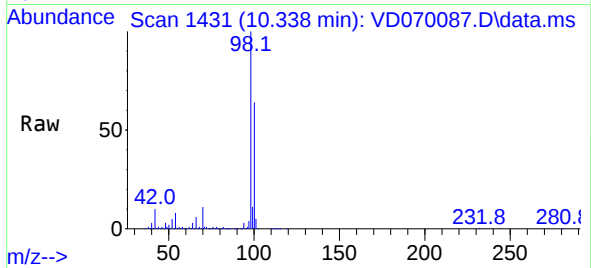




#50
Toluene-d8
Concen: 51.570 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

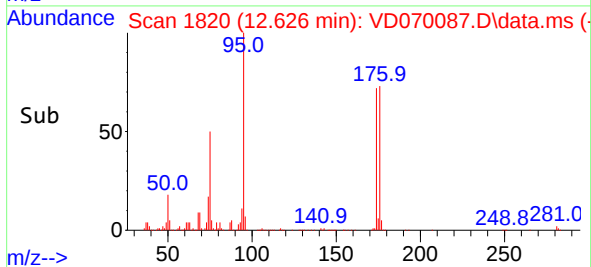
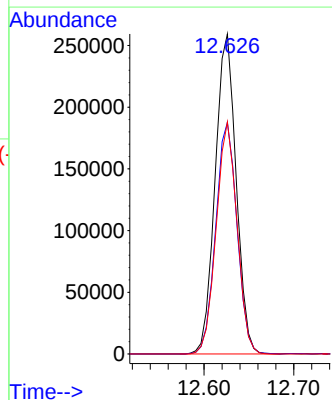
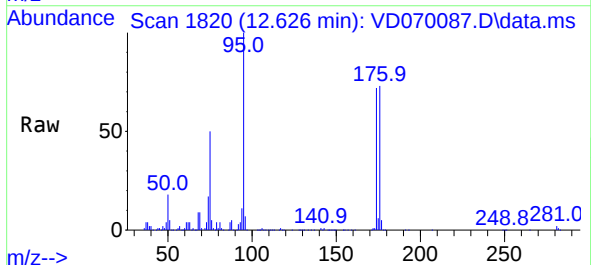
Instrument :
MSVOA_D
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CRT-17

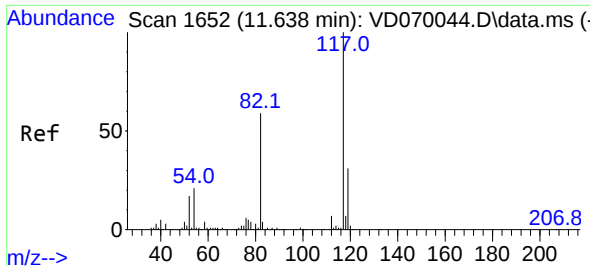
Tgt Ion: 98 Resp: 1349563
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.811 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

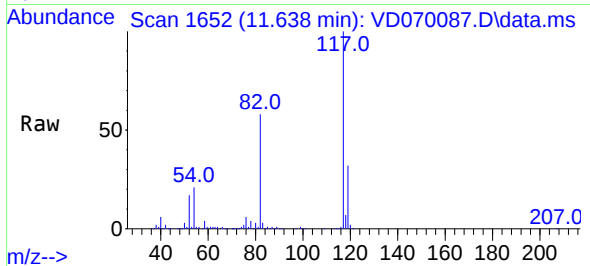
Tgt Ion: 95 Resp: 420732
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 71.9 0.0 138.2



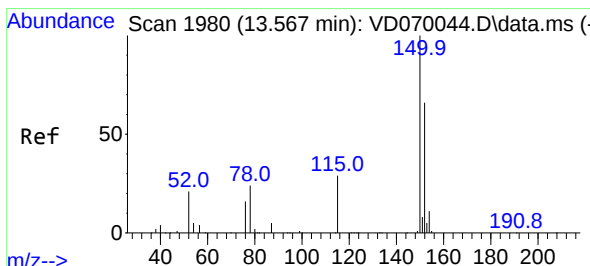
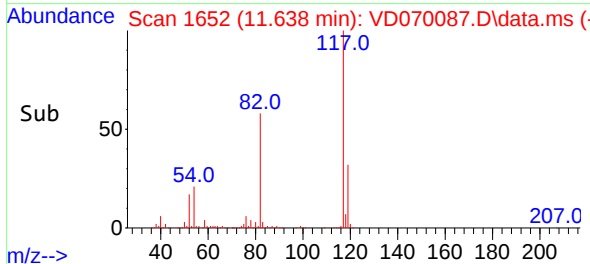
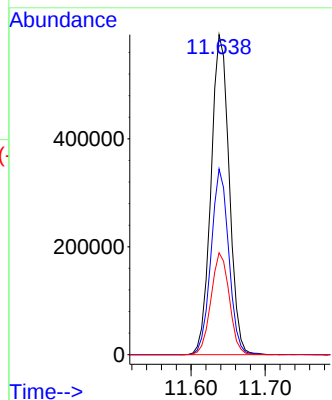


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43

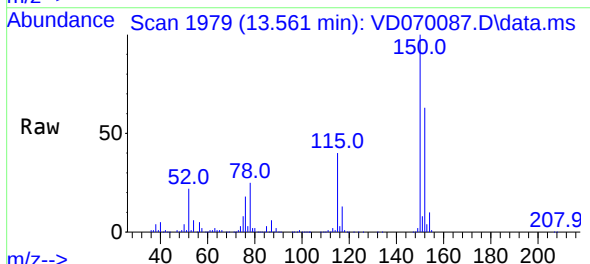
Instrument :
MSVOA_D
ClientSampleId :
CRT-17



Tgt Ion:117 Resp: 1010323
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070087.D
Acq: 17 Aug 2021 14:43



Tgt Ion:152 Resp: 420182
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 159.1 0.0 352.0

