

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073553.D
 Acq On : 13 Jun 2022 18:40
 Operator : VA/SY
 Sample : N3327-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW-WMR-COMP-1

Quant Time: Jun 14 01:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

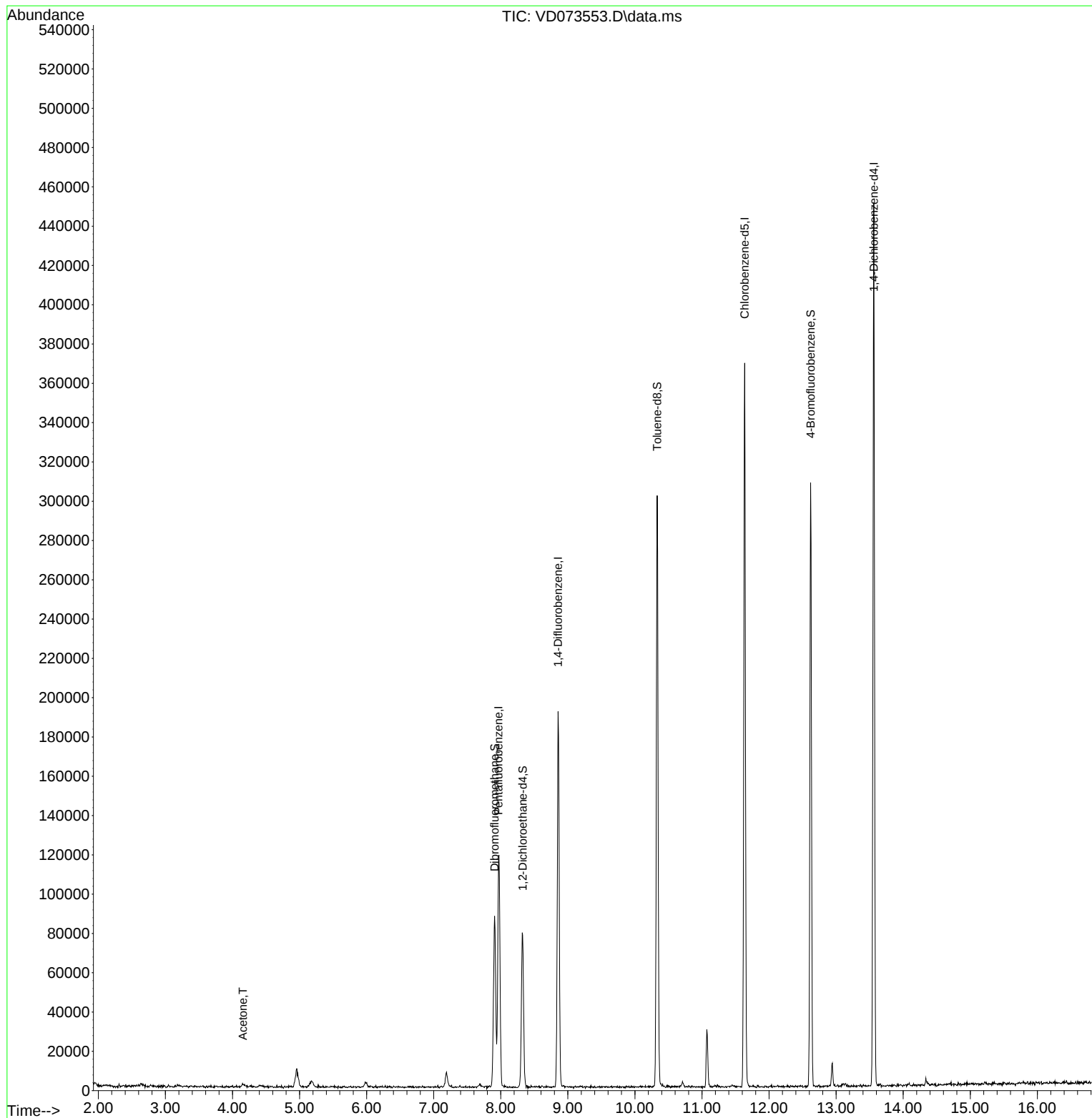
Internal Standards						
1) Pentafluorobenzene	7.967	168	88249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	159893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	215747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	65889	69.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.140%	
35) Dibromofluoromethane	7.908	113	61589	59.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.800%	
50) Toluene-d8	10.332	98	205747	52.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.620	95	102470	72.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 145.220%#	
Target Compounds						
16) Acetone	4.156	43	2254	13.517	ug/l	Qvalue 95

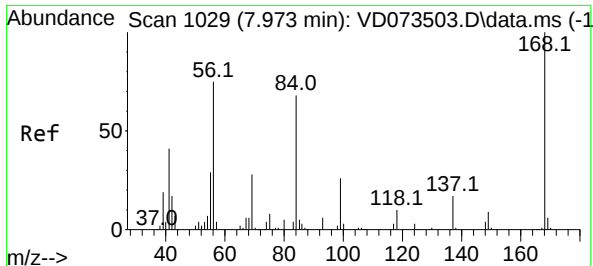
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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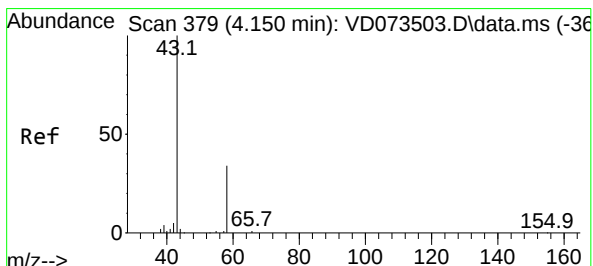
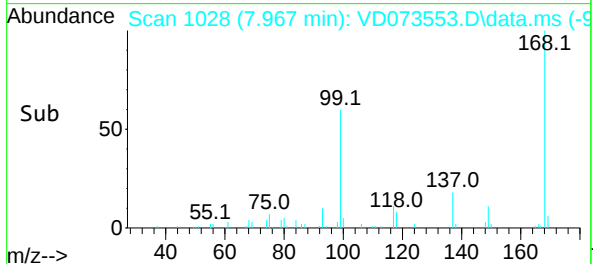
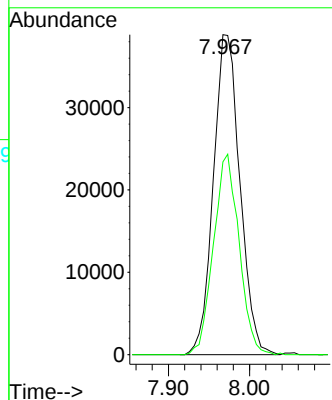
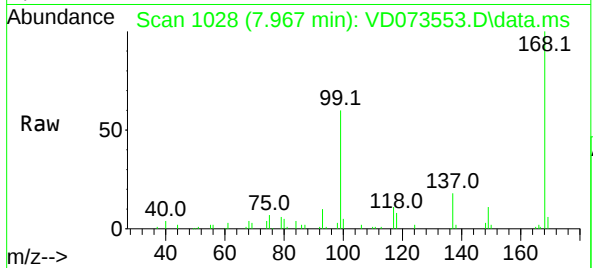




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

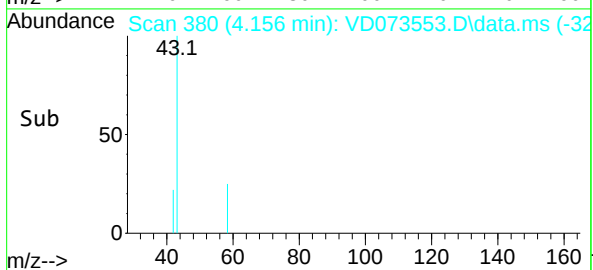
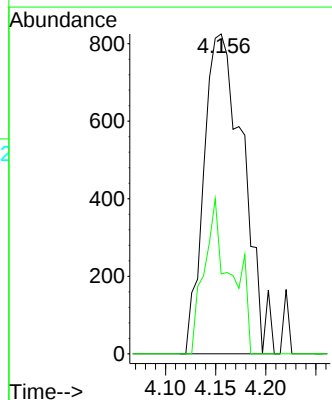
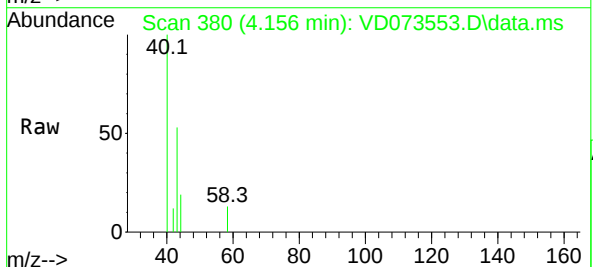
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

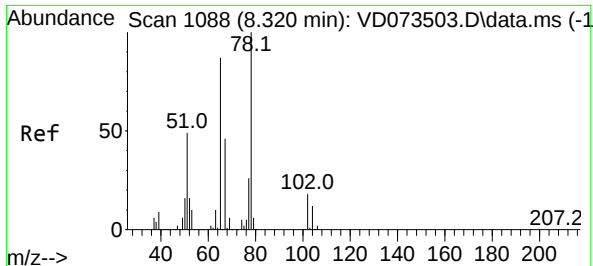
Tgt Ion:168 Resp: 88249
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#16
Acetone
Concen: 13.517 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 25.0 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 69.574 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

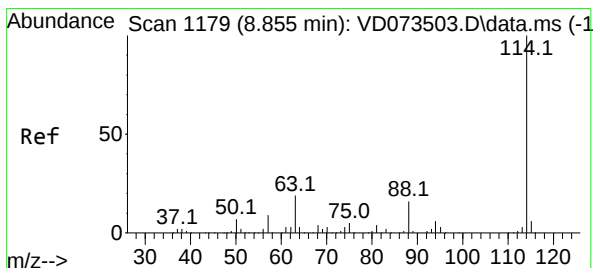
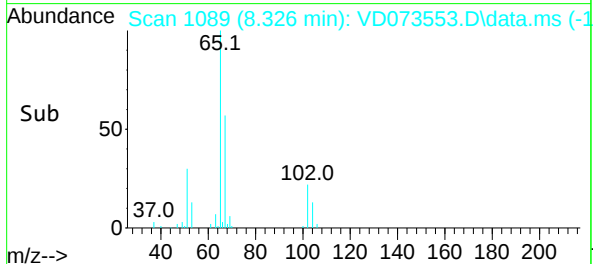
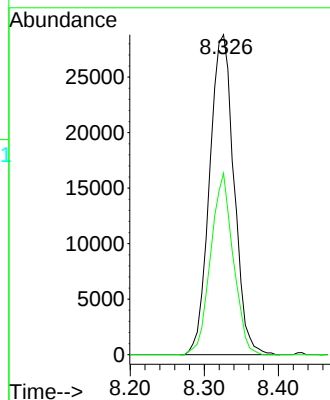
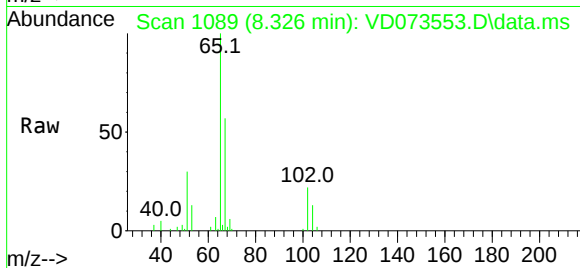
EW-WMR-COMP-1

Tgt Ion: 65 Resp: 65889

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

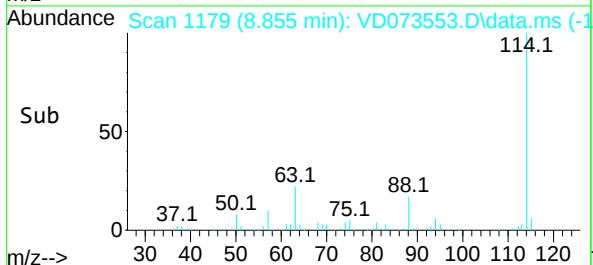
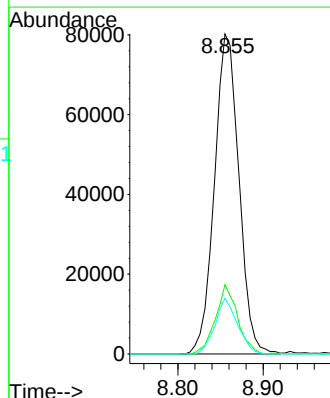
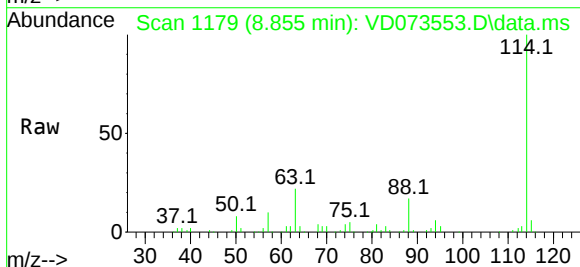
Tgt Ion: 114 Resp: 159893

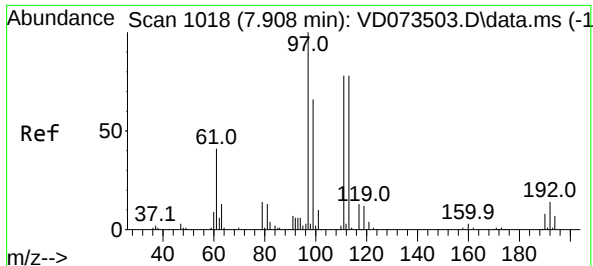
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 59.901 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073553.D

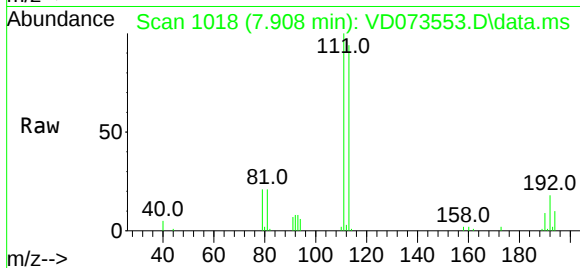
Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1



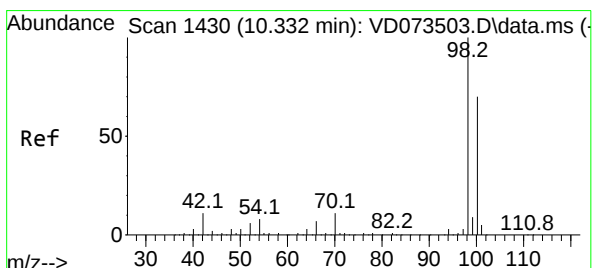
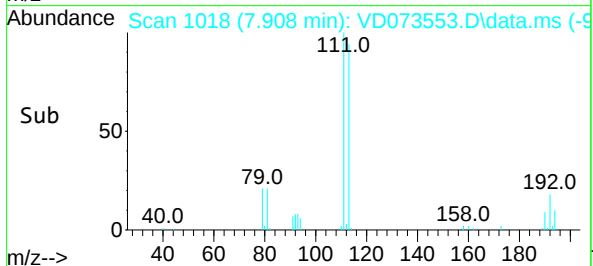
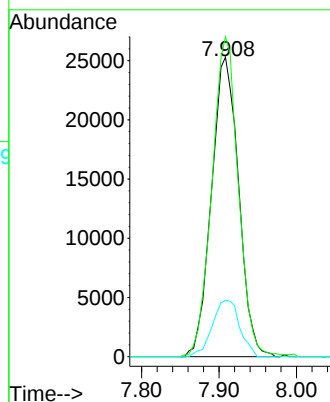
Tgt Ion:113 Resp: 61589

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 19.0 14.6 21.8



#50

Toluene-d8

Concen: 52.927 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073553.D

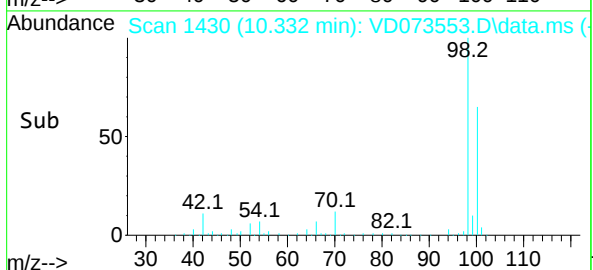
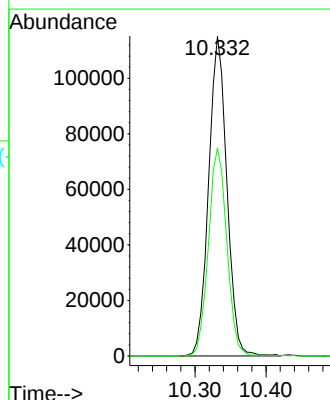
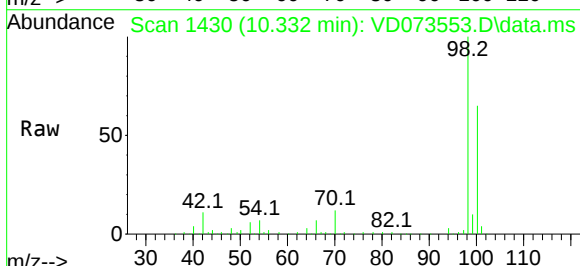
Acq: 13 Jun 2022 18:40

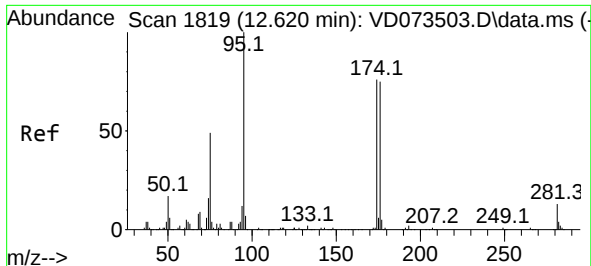
Tgt Ion: 98 Resp: 205747

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

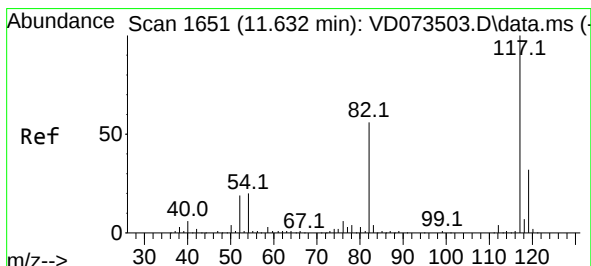
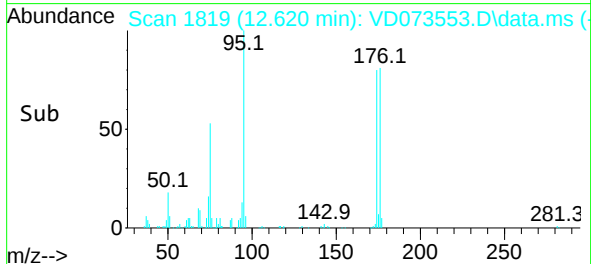
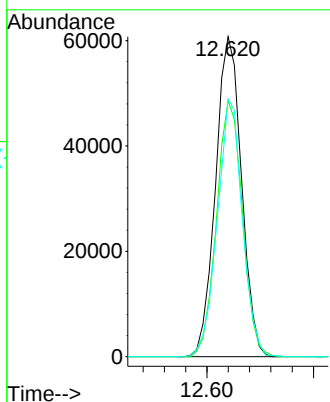
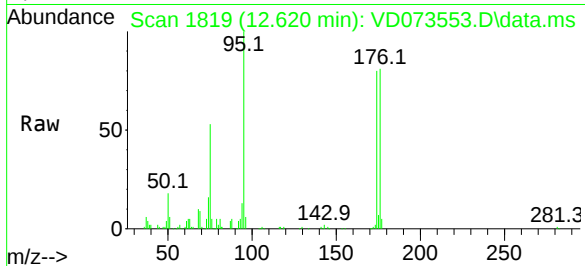




#62
4-Bromofluorobenzene
Concen: 72.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

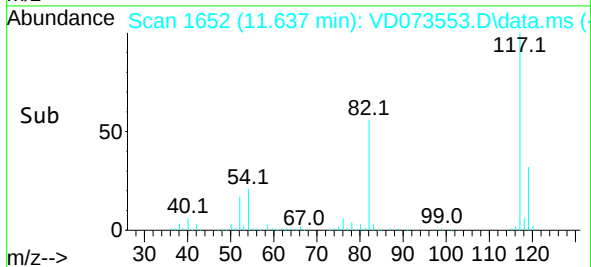
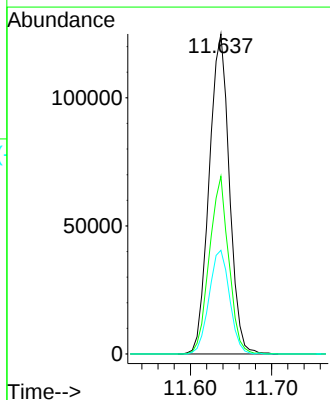
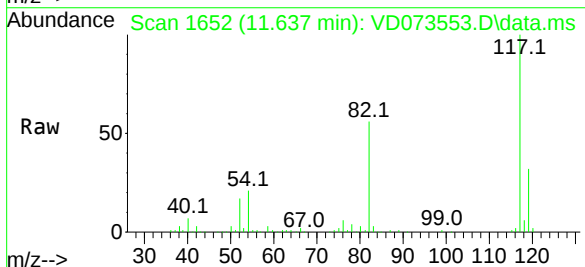
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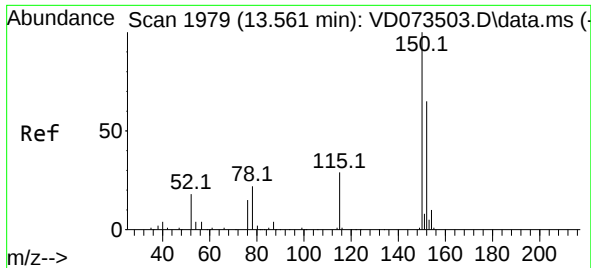
Tgt Ion: 95 Resp: 102470
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 77.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.005 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

Tgt Ion: 117 Resp: 215747
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.4 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: VD073553.D

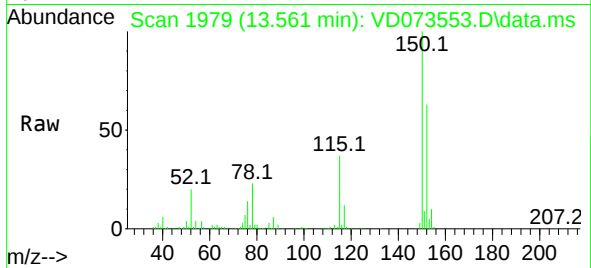
Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1



Tgt Ion:152 Resp: 119927

Ion Ratio Lower Upper

152 100

115 59.0 31.3 93.8

150 156.6 0.0 348.6

