

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070908.D
 Acq On : 03 Nov 2021 14:08
 Operator : VA/SY
 Sample : M4454-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30859

Quant Time: Nov 03 22:10:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

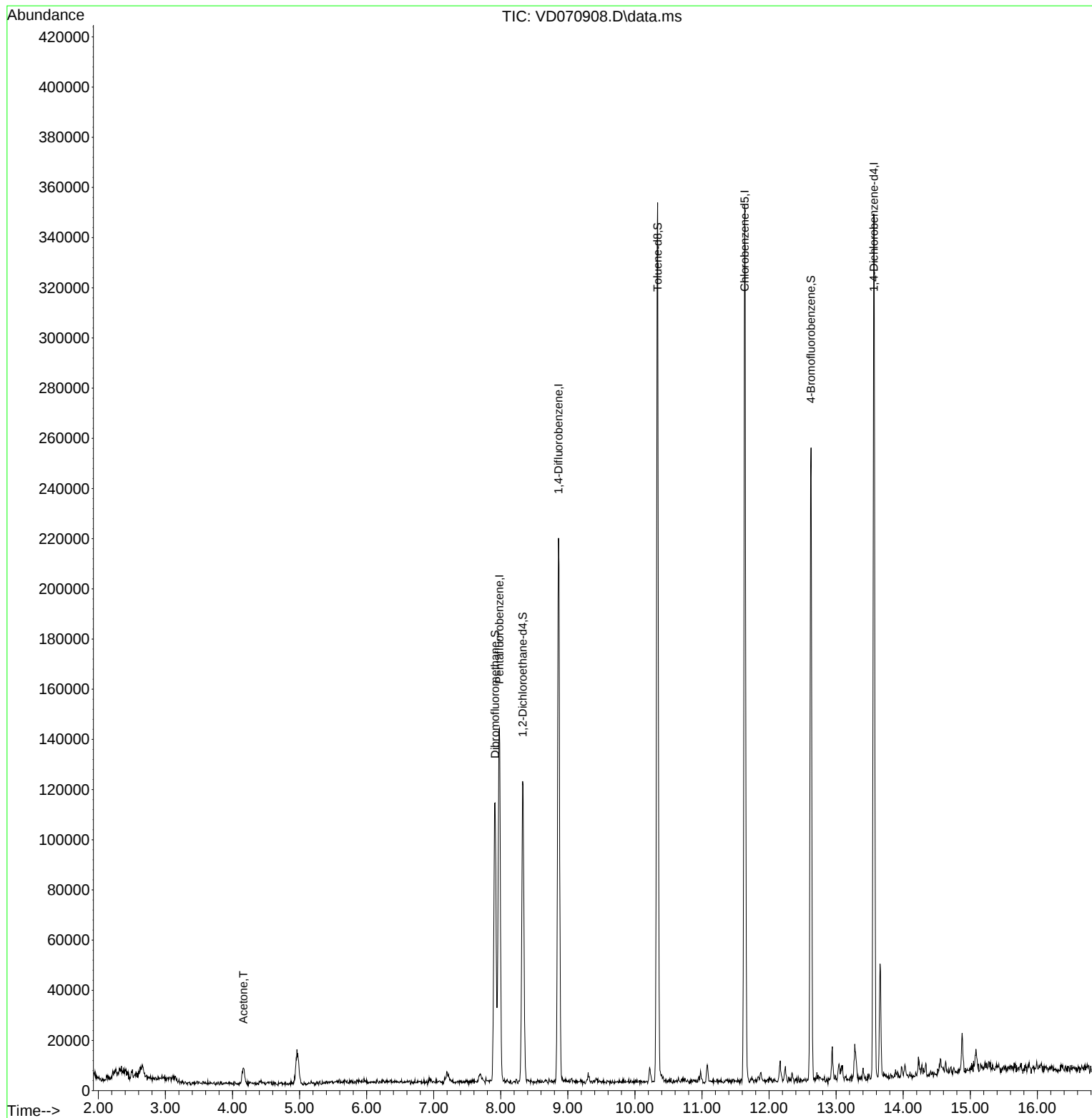
Internal Standards						
1) Pentafluorobenzene	7.979	168	110020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	188959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	210573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	102339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	91975	83.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.240%#	
35) Dibromofluoromethane	7.914	113	83988	67.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.820%	
50) Toluene-d8	10.338	98	242078	51.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.626	95	88212	57.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.080%	
Target Compounds						
16) Acetone	4.161	43	10654	41.385	ug/l	Qvalue # 81

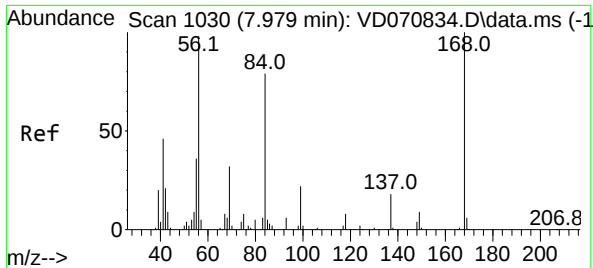
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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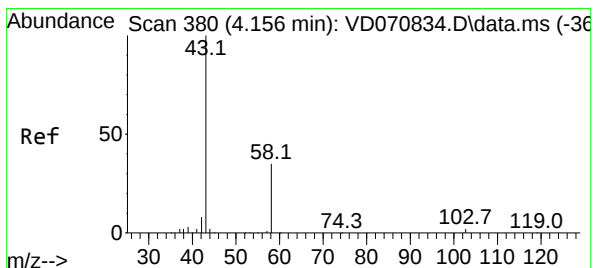
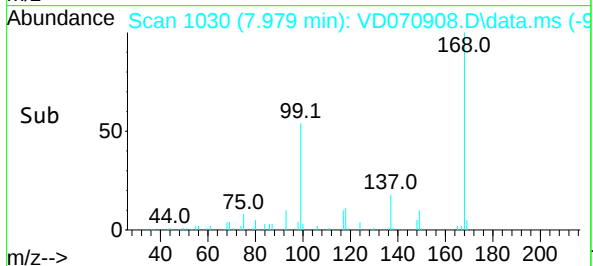
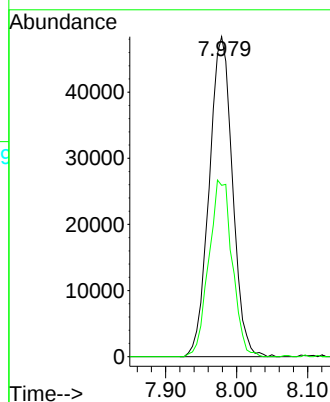
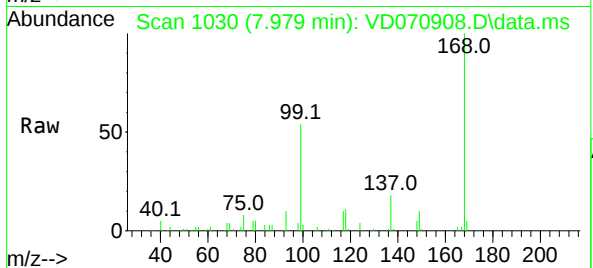




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070908.D
Acq: 03 Nov 2021 14:08

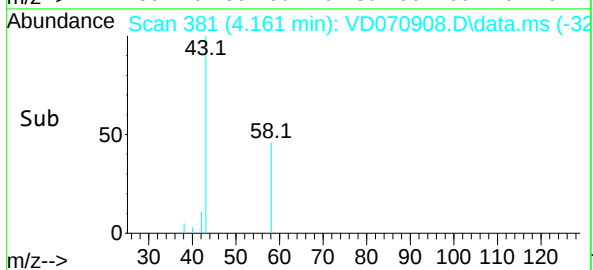
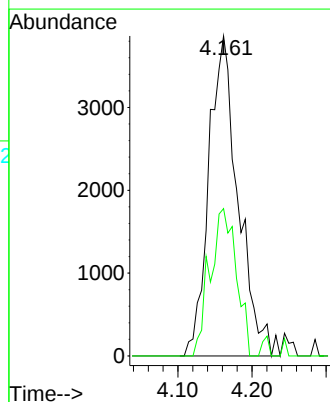
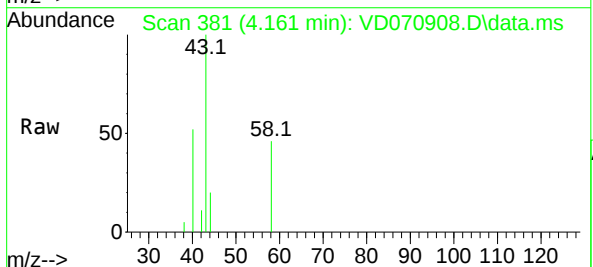
Instrument :
MSVOA_D
ClientSampleId :
30859

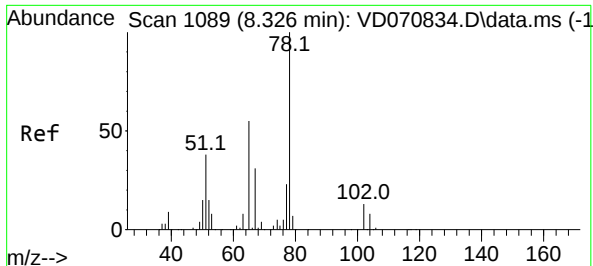
Tgt Ion:168 Resp: 110020
Ion Ratio Lower Upper
168 100
99 53.5 46.6 69.8



#16
Acetone
Concen: 41.385 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070908.D
Acq: 03 Nov 2021 14:08

Tgt Ion: 43 Resp: 10654
Ion Ratio Lower Upper
43 100
58 46.1 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 83.120 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070908.D

Acq: 03 Nov 2021 14:08

Instrument :

MSVOA_D

ClientSampleId :

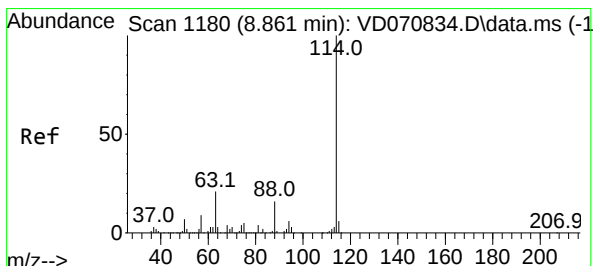
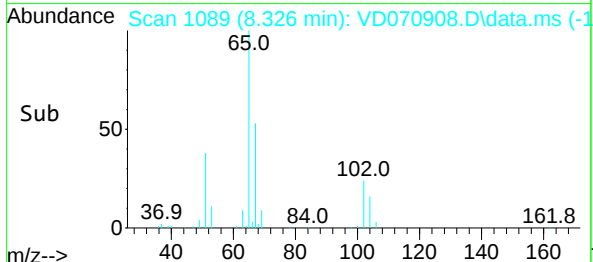
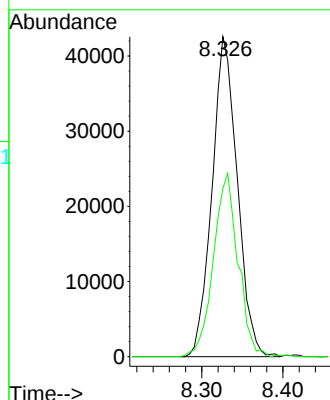
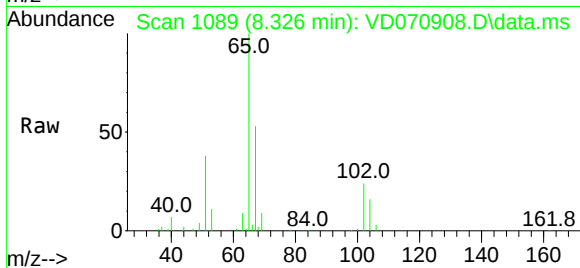
30859

Tgt Ion: 65 Resp: 91975

Ion Ratio Lower Upper

65 100

67 55.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070908.D

Acq: 03 Nov 2021 14:08

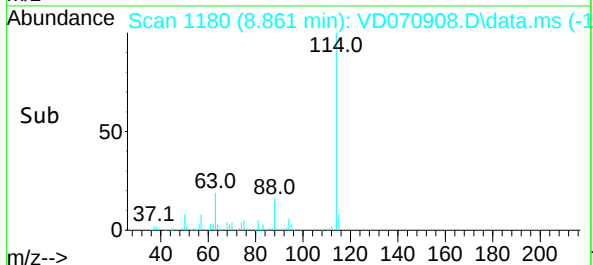
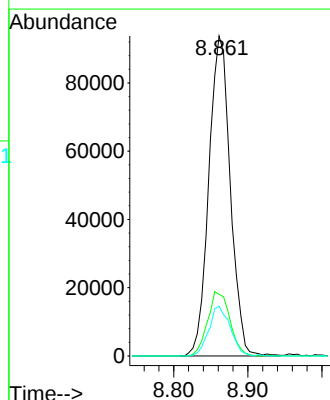
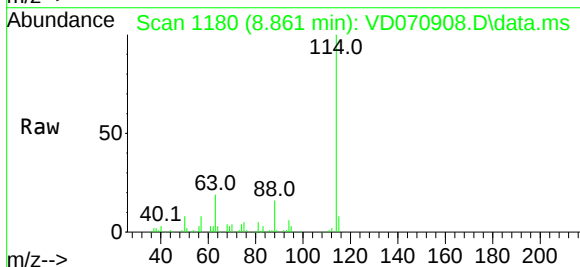
Tgt Ion: 114 Resp: 188959

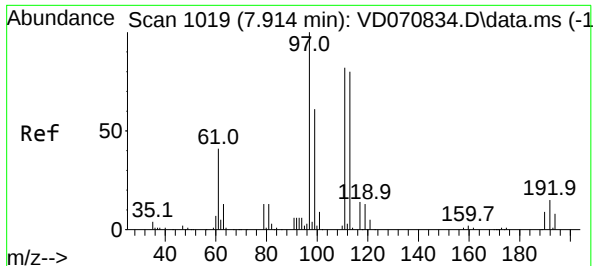
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 67.412 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070908.D

Acq: 03 Nov 2021 14:08

Instrument :

MSVOA_D

ClientSampleId :

30859

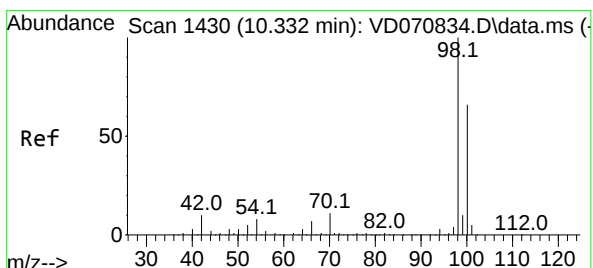
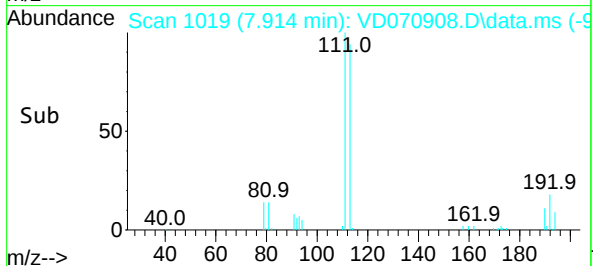
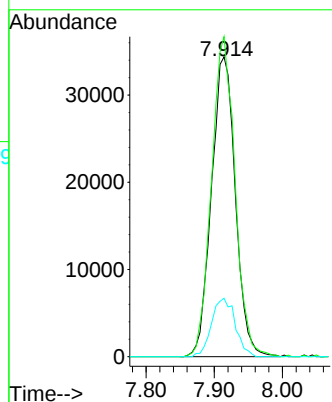
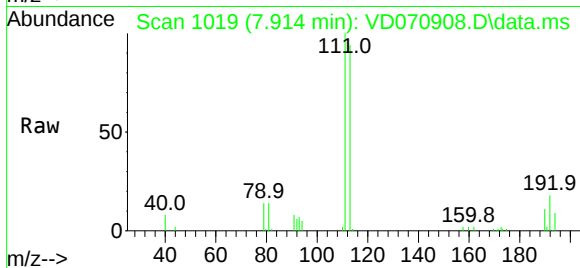
Tgt Ion:113 Resp: 83988

Ion Ratio Lower Upper

113 100

111 105.2 82.0 123.0

192 19.3 15.2 22.8



#50

Toluene-d8

Concen: 51.646 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070908.D

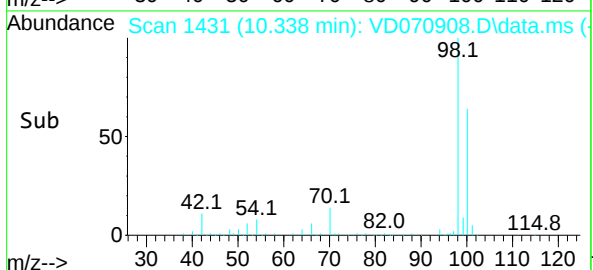
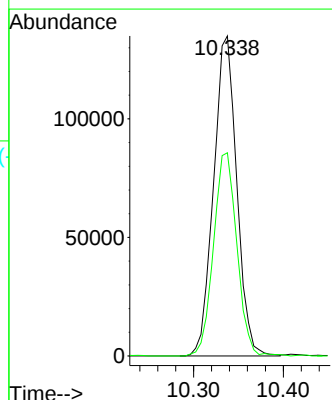
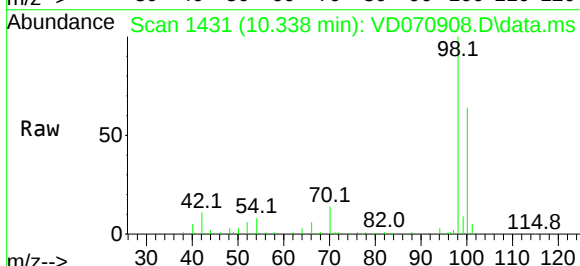
Acq: 03 Nov 2021 14:08

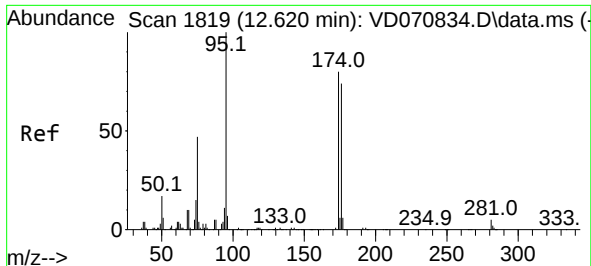
Tgt Ion: 98 Resp: 242078

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.6

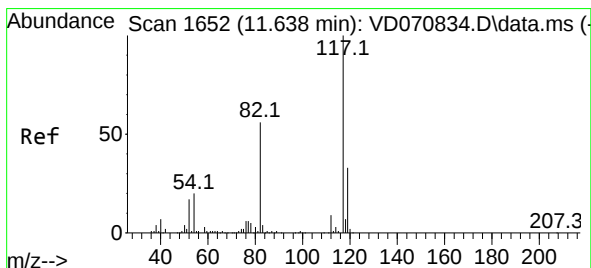
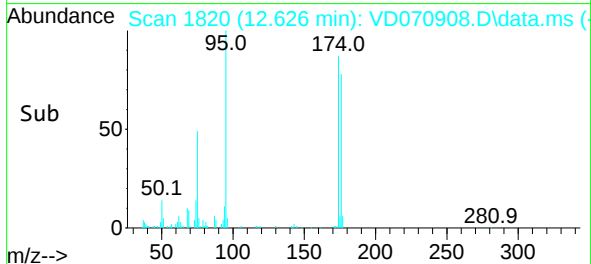
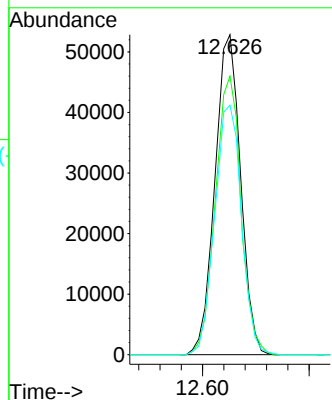
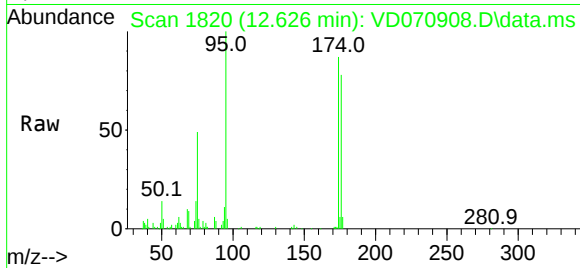




#62
4-Bromofluorobenzene
Concen: 57.038 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD070908.D
Acq: 03 Nov 2021 14:08

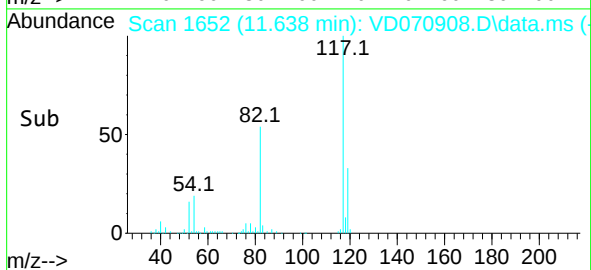
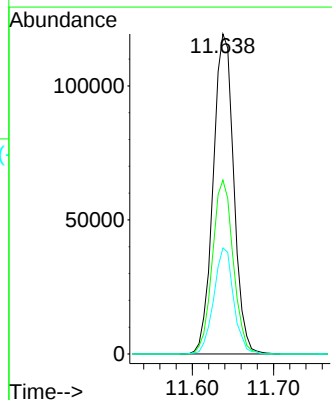
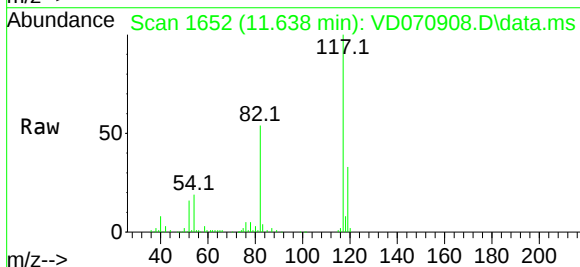
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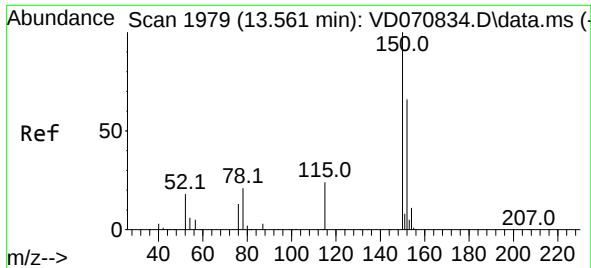
Tgt Ion: 95 Resp: 88212
Ion Ratio Lower Upper
95 100
174 87.1 0.0 159.4
176 81.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070908.D
Acq: 03 Nov 2021 14:08

Tgt Ion: 117 Resp: 210573
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 33.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD070908.D

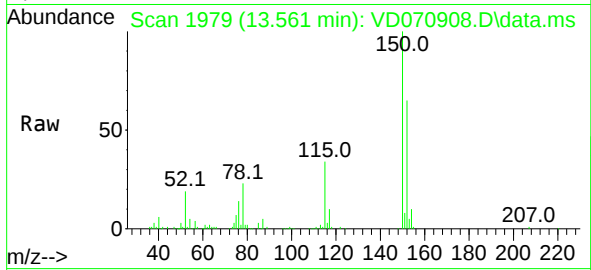
Acq: 03 Nov 2021 14:08

Instrument :

MSVOA_D

ClientSampleId :

30859



Tgt Ion:152 Resp: 102339

Ion Ratio Lower Upper

152 100

115 54.3 29.8 89.3

150 155.4 0.0 349.2

