

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068734.D
 Acq On : 31 Mar 2021 13:21
 Operator : VA/SY
 Sample : M1874-01
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB18(9-10)

Quant Time: Apr 01 00:43:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

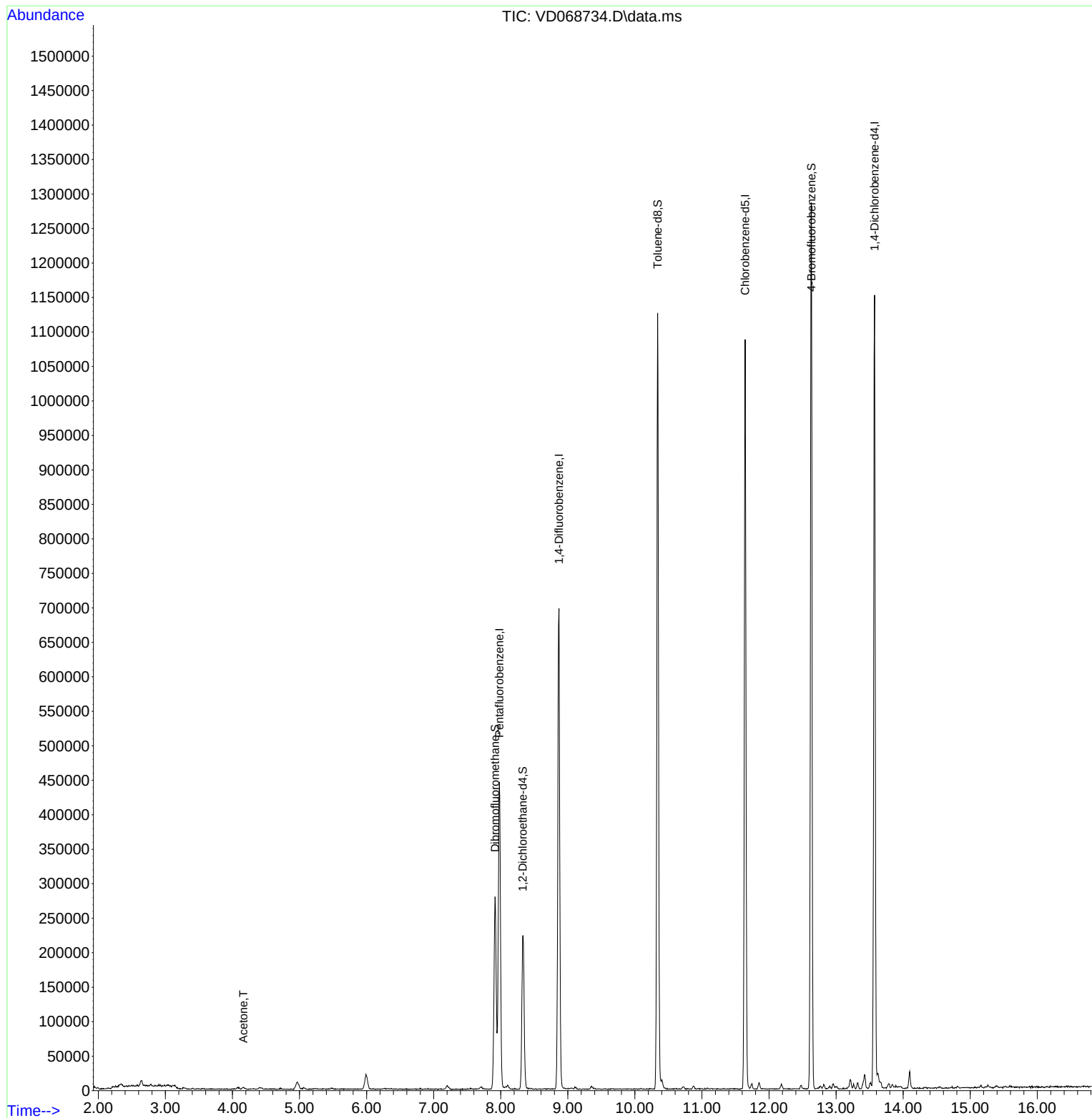
Internal Standards						
1) Pentafluorobenzene	7.979	168	340867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	620055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	636043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184736	53.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.50%	
35) Dibromofluoromethane	7.914	113	197780	51.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.54%	
50) Toluene-d8	10.338	98	775418	52.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.26%	
62) 4-Bromofluorobenzene	12.632	95	291523	60.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.90%	
Target Compounds						
16) Acetone	4.162	43	4862	11.66	ug/l	Qvalue # 78

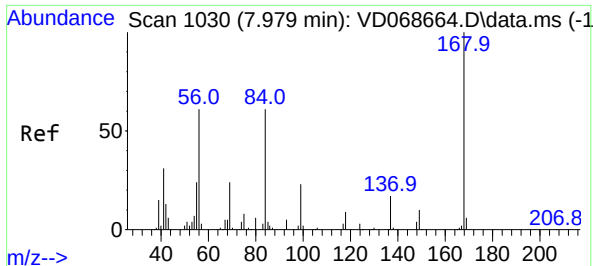
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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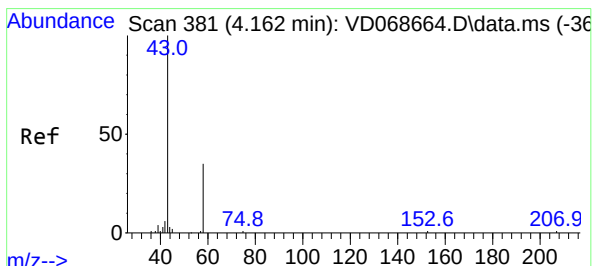
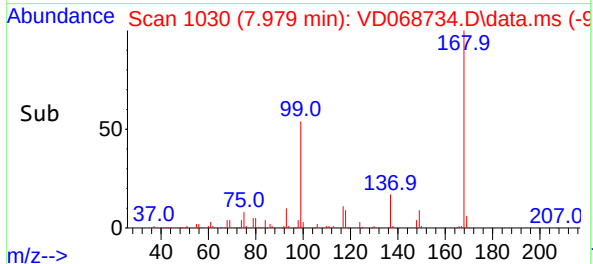
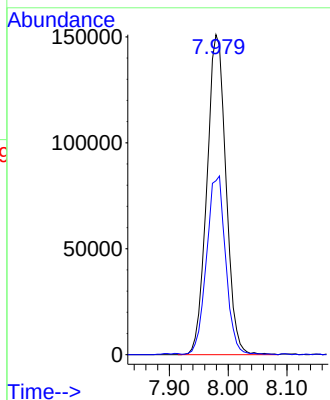
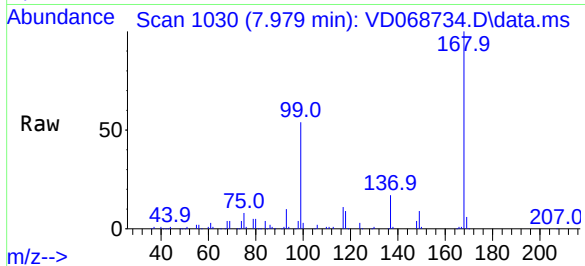




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068734.D
Acq: 31 Mar 2021 13:21

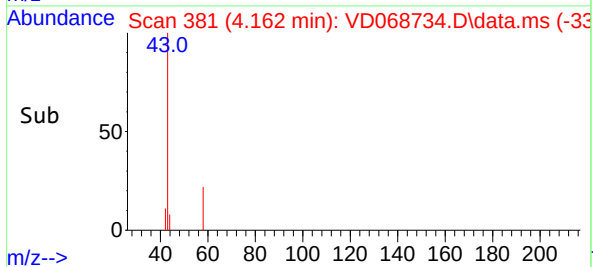
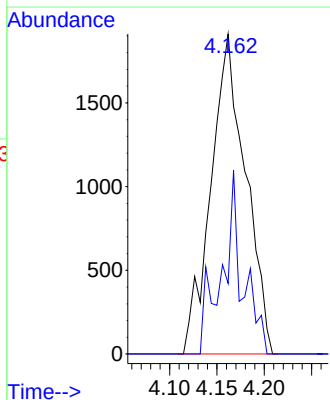
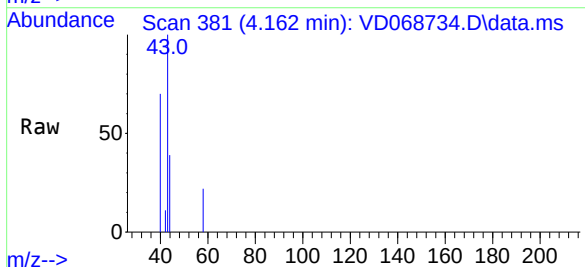
Instrument :
MSVOA_D
ClientSampleId :
FS-SB18(9-10)

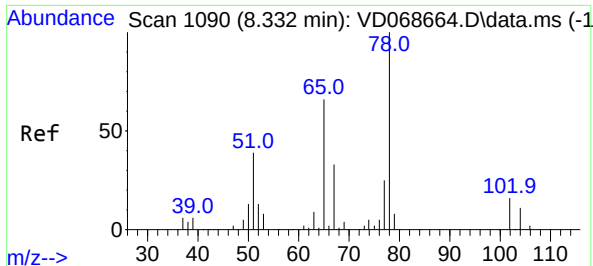
Tgt Ion:168 Resp: 340867
Ion Ratio Lower Upper
168 100
99 54.4 46.2 69.2



#16
Acetone
Concen: 11.66 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068734.D
Acq: 31 Mar 2021 13:21

Tgt Ion: 43 Resp: 4862
Ion Ratio Lower Upper
43 100
58 22.1 28.0 42.0#

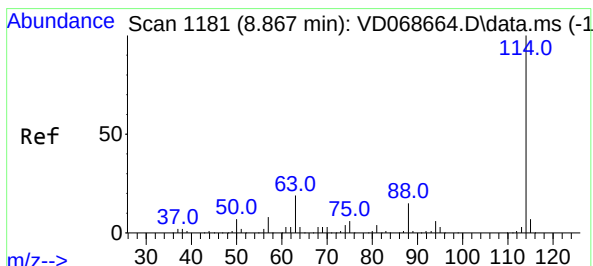
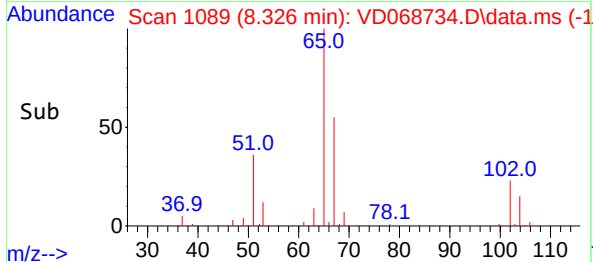
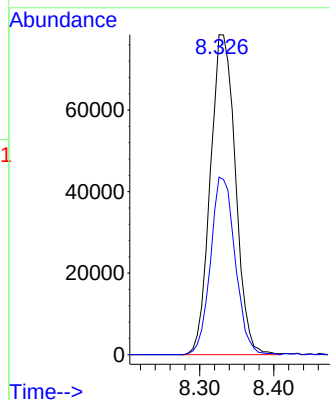
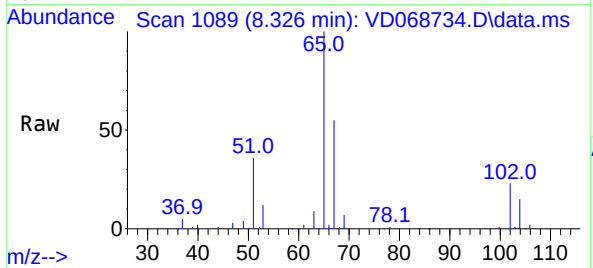




#33
1,2-Dichloroethane-d4
Concen: 53.75 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068734.D
Acq: 31 Mar 2021 13:21

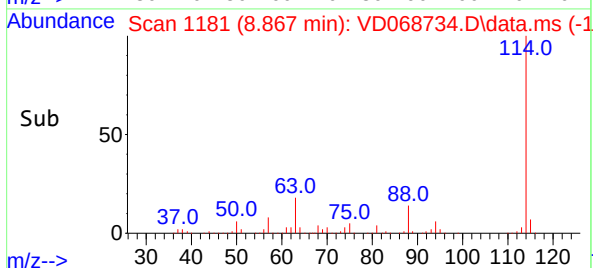
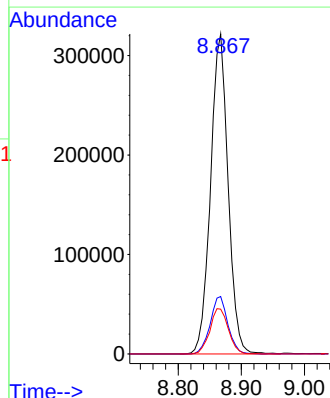
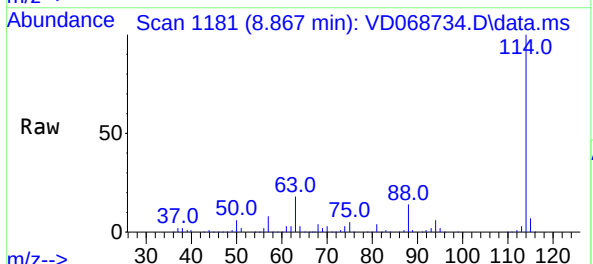
Instrument :
MSVOA_D
ClientSampleId :
FS-SB18(9-10)

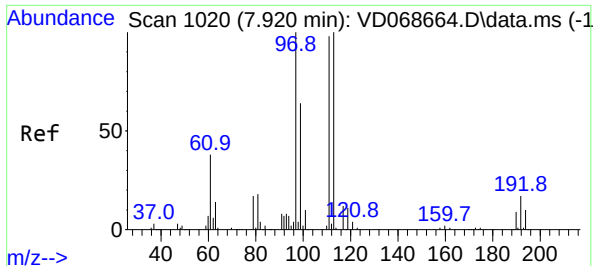
Tgt Ion: 65 Resp: 184736
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068734.D
Acq: 31 Mar 2021 13:21

Tgt Ion: 114 Resp: 620055
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.27 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068734.D

Acq: 31 Mar 2021 13:21

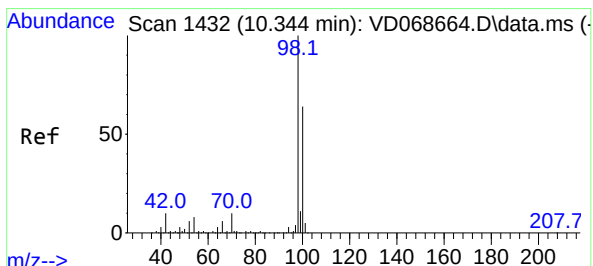
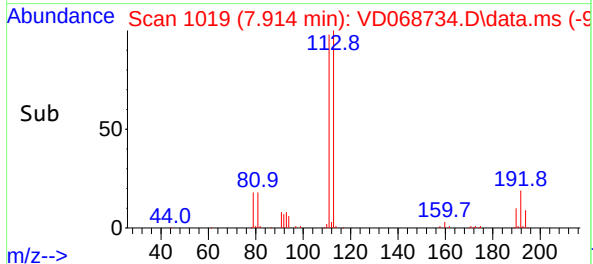
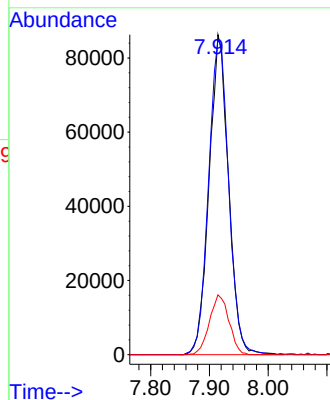
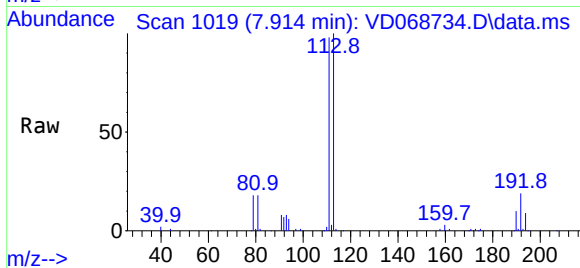
Tgt Ion:113 Resp: 197780

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 18.8 15.1 22.7



#50

Toluene-d8

Concen: 52.13 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD068734.D

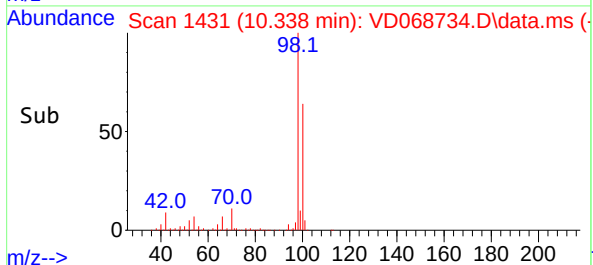
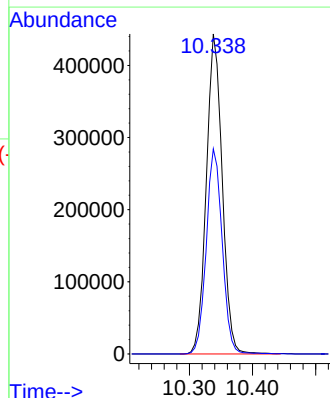
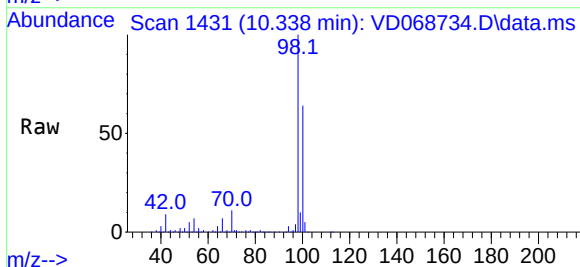
Acq: 31 Mar 2021 13:21

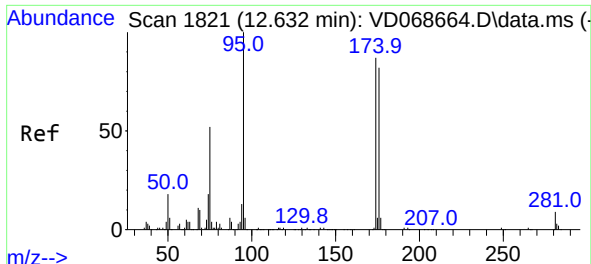
Tgt Ion: 98 Resp: 775418

Ion Ratio Lower Upper

98 100

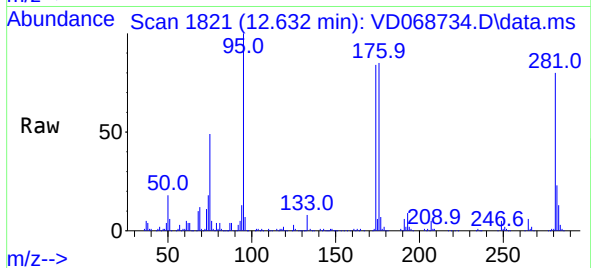
100 64.2 51.8 77.6



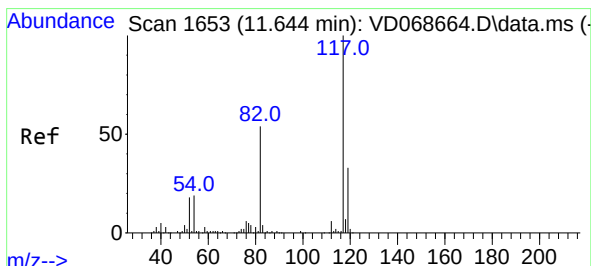
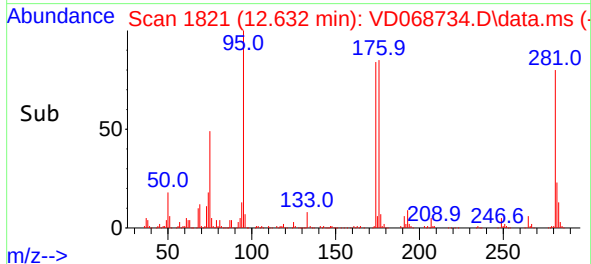
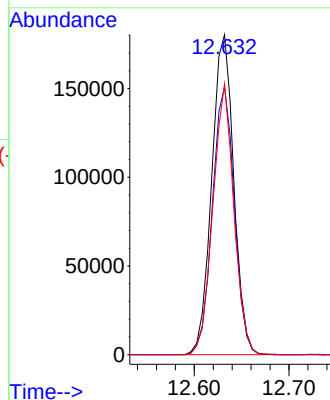


#62
4-Bromofluorobenzene
Concen: 60.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068734.D
Acq: 31 Mar 2021 13:21

Instrument :
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FS-SB18(9-10)

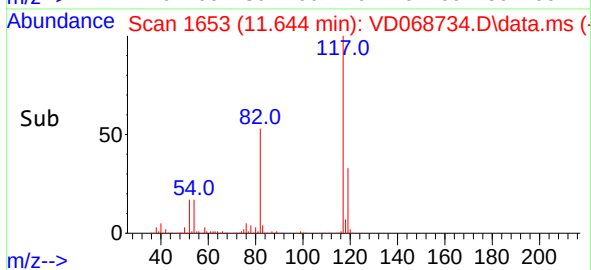
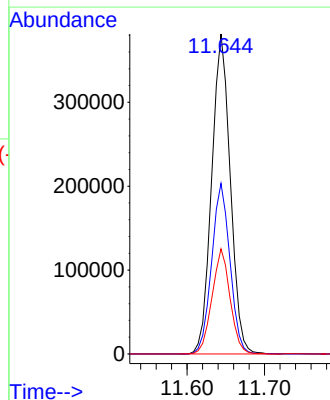
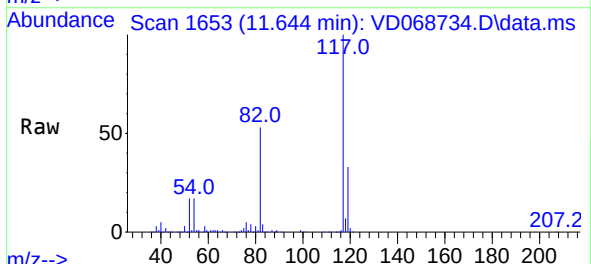


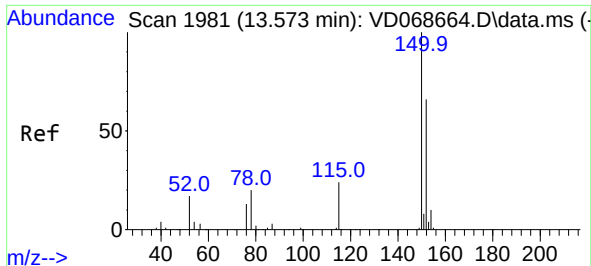
Tgt Ion: 95 Resp: 291523
Ion Ratio Lower Upper
95 100
174 83.4 0.0 168.0
176 80.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068734.D
Acq: 31 Mar 2021 13:21

Tgt Ion: 117 Resp: 636043
Ion Ratio Lower Upper
117 100
82 53.3 43.5 65.3
119 32.8 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068734.D
 Acq: 31 Mar 2021 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB18(9-10)

Tgt Ion:152 Resp: 310016
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.3 87.8
 150 158.6 0.0 347.6

