

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072894.D
 Acq On : 09 May 2022 16:53
 Operator : VA/SY
 Sample : N2665-13
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9,12

Quant Time: May 09 17:48:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

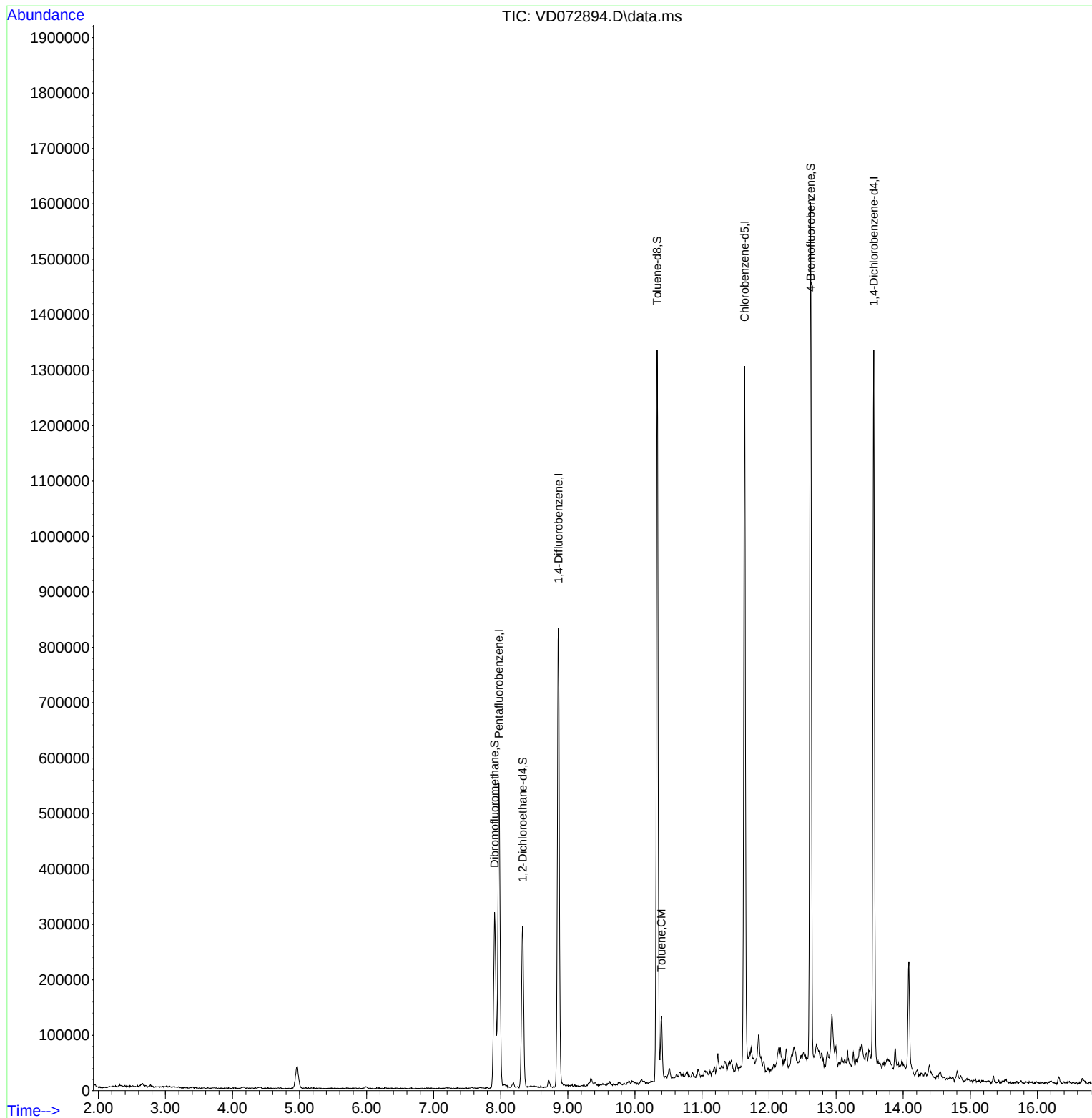
Internal Standards						
1) Pentafluorobenzene	7.973	168	380902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	705510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	332123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230374	46.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.908	113	227377	45.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.332	98	889965	50.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.620	95	346432	52.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.540%
Target Compounds						
52) Toluene	10.396	92	47641	3.282	ug/l	Qvalue 95

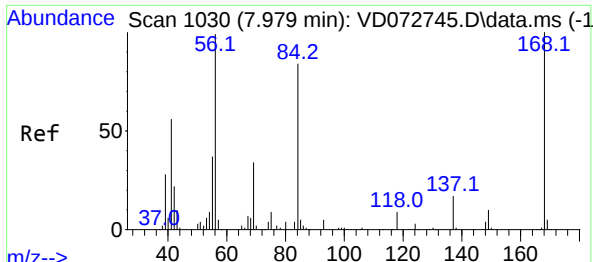
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072894.D

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Instrument :

MSVOA_D

ClientSampleId :

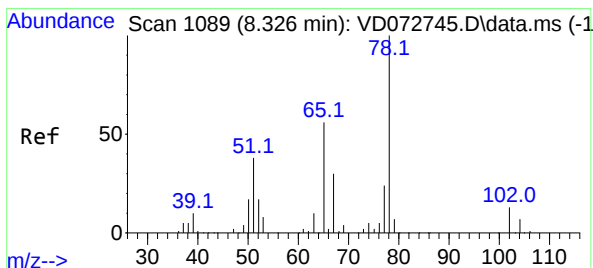
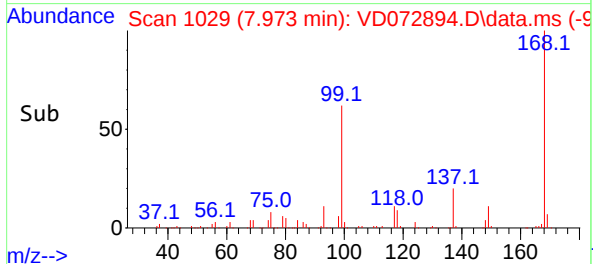
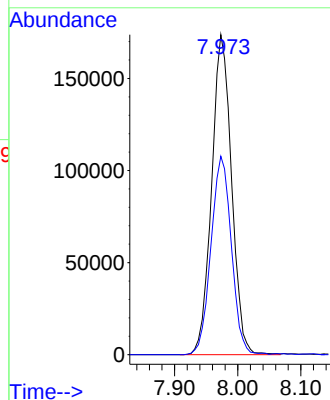
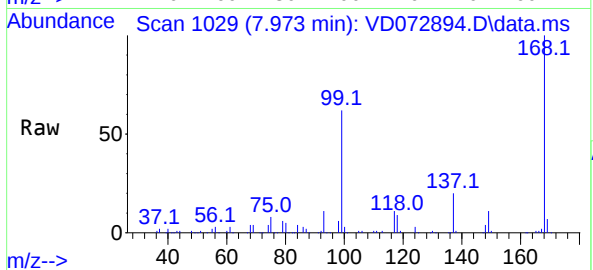
SB-9,12

Tgt Ion:168 Resp: 380902

Ion Ratio Lower Upper

168 100

99 62.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.593 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072894.D

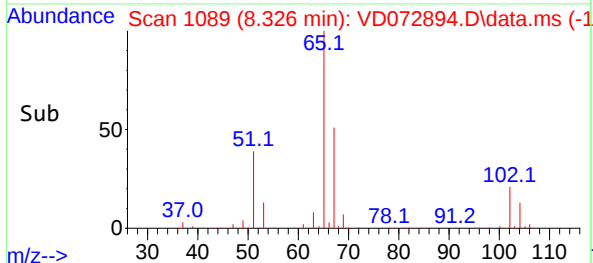
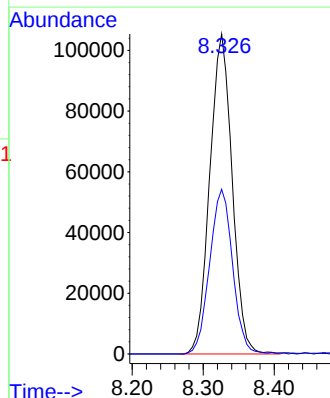
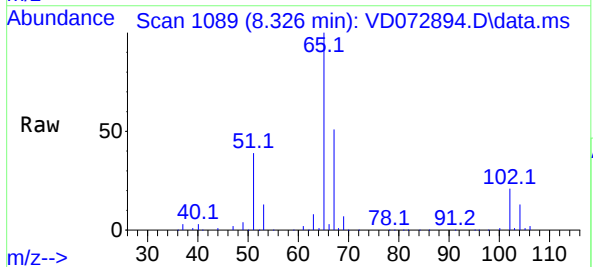
Acq: 09 May 2022 16:53

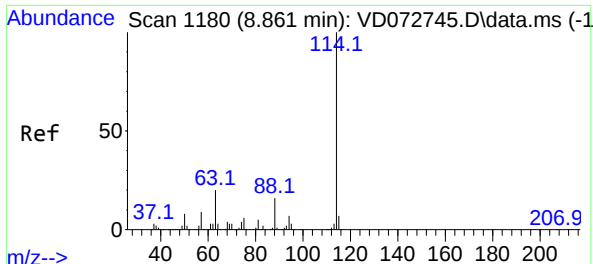
Tgt Ion: 65 Resp: 230374

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



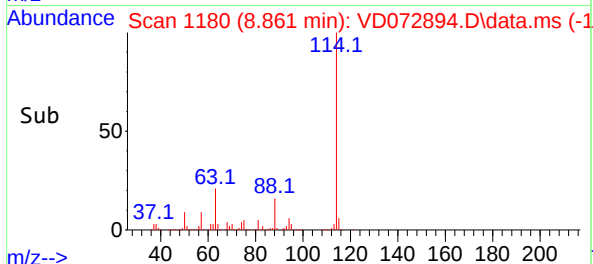
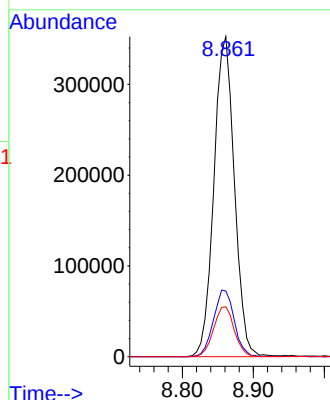
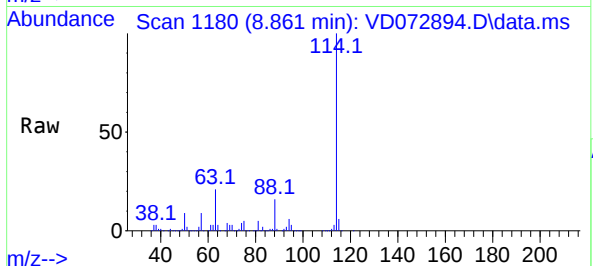


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

Tgt Ion:114 Resp: 705510

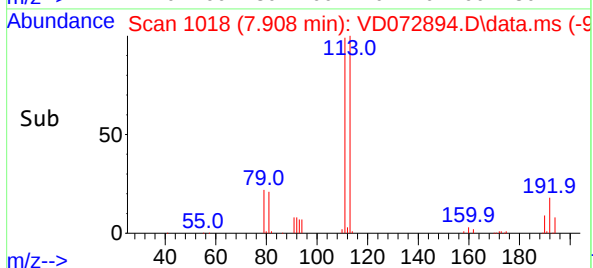
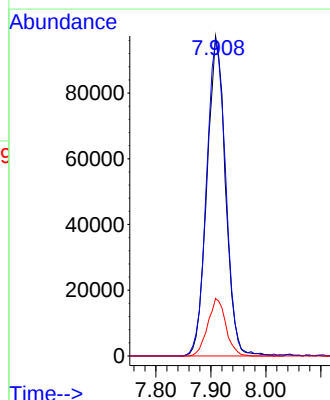
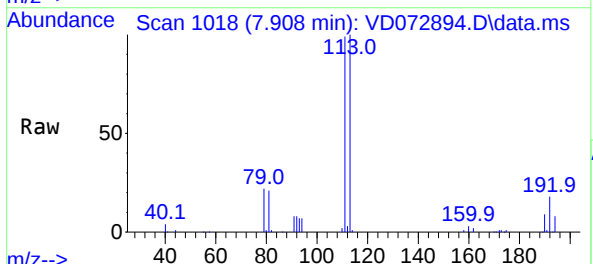
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	46.6
88	15.6	0.0	33.2

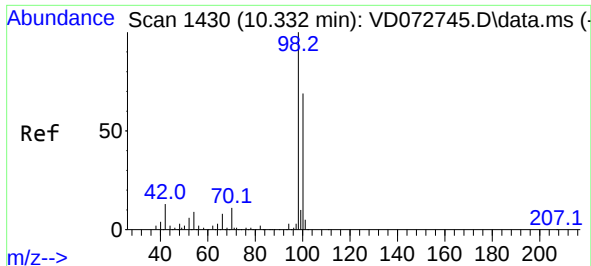


#35
Dibromofluoromethane
Concen: 45.890 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion:113 Resp: 227377

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	17.6	14.6	21.8

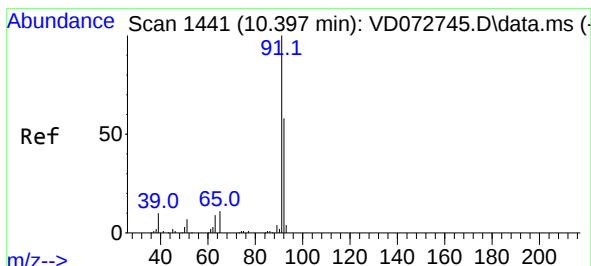
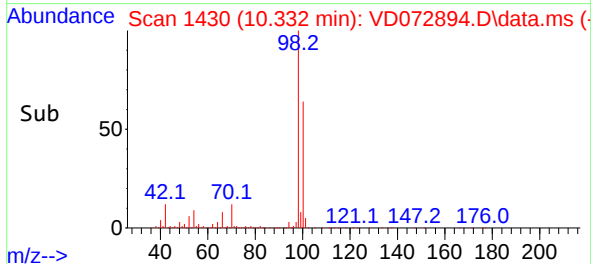
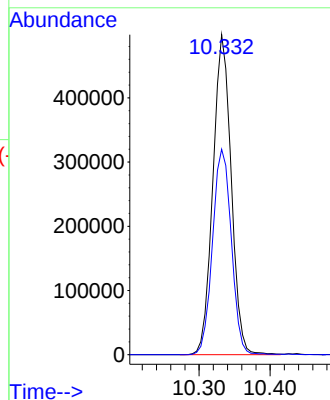
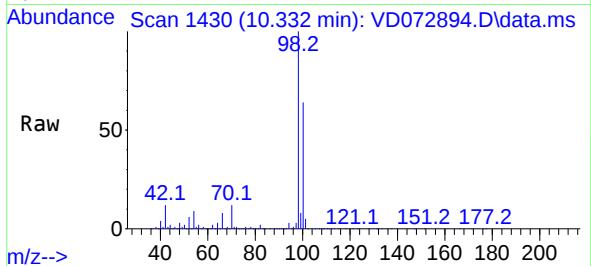




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

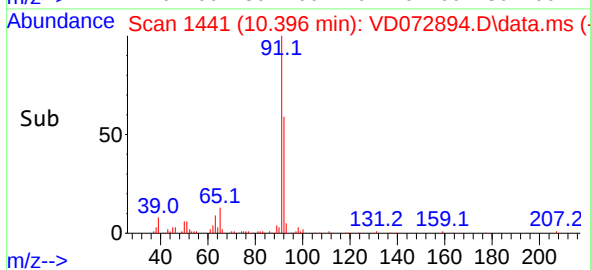
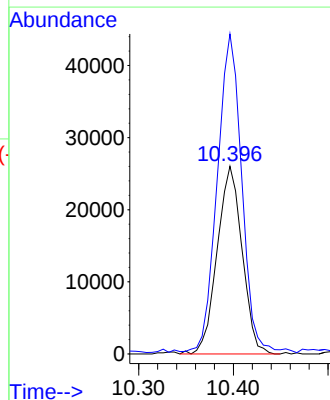
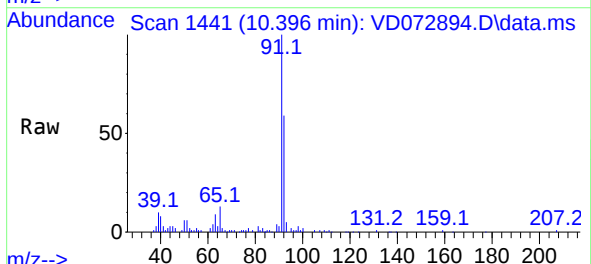
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

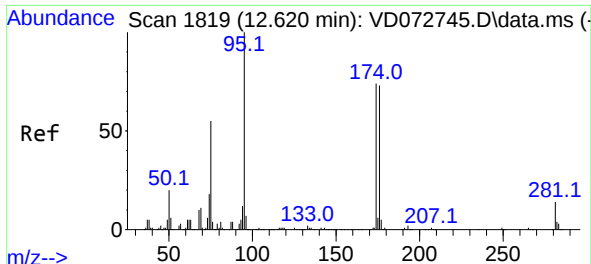
Tgt Ion: 98 Resp: 889965
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#52
Toluene
Concen: 3.282 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

Tgt Ion: 92 Resp: 47641
Ion Ratio Lower Upper
92 100
91 166.9 139.6 209.4

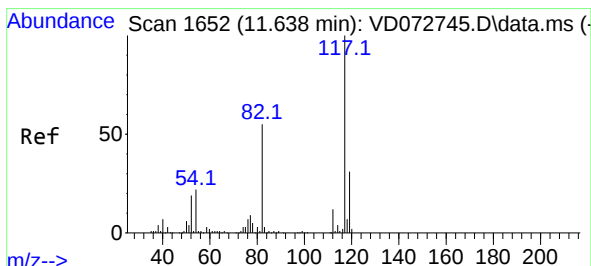
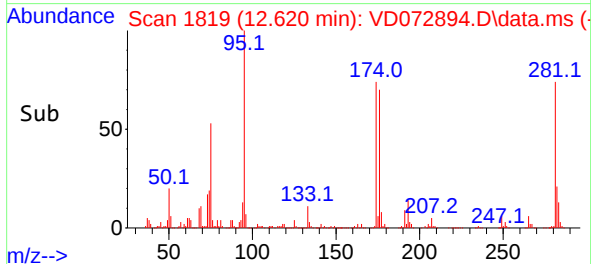
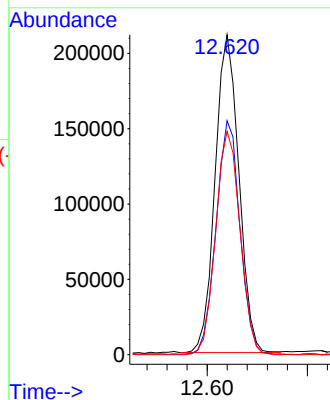
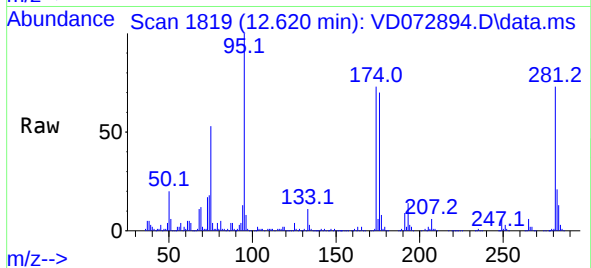




#62
4-Bromofluorobenzene
Concen: 52.274 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

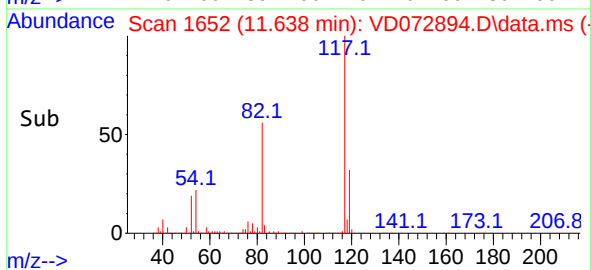
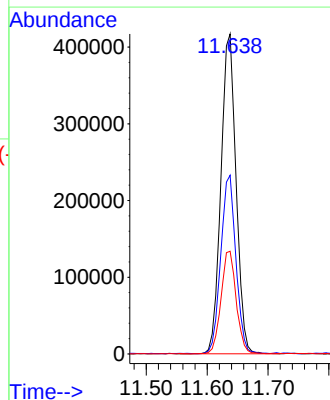
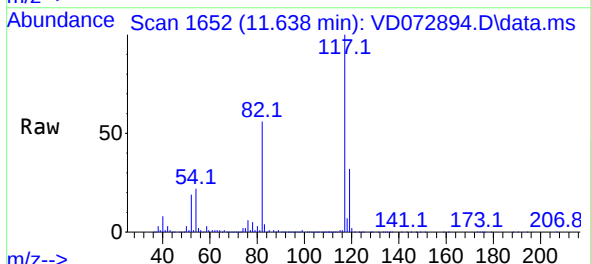
Instrument :
MSVOA_D
ClientSampleId :
SB-9,12

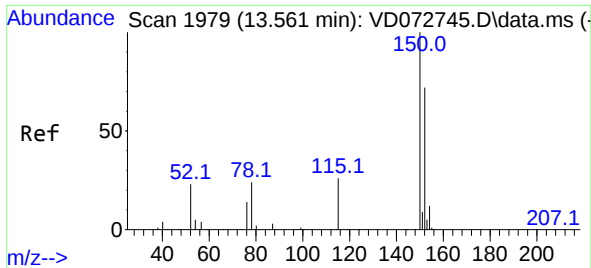
Tgt Ion: 95 Resp: 346432
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 72.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072894.D
Acq: 09 May 2022 16:53

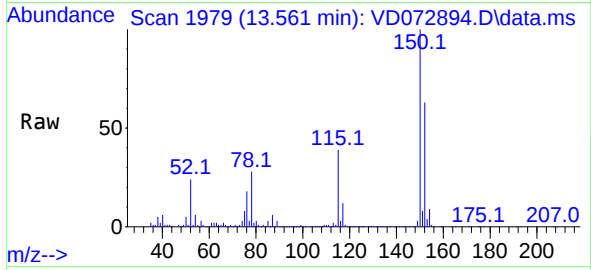
Tgt Ion: 117 Resp: 718733
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.0 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD072894.D
 Acq: 09 May 2022 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9,12



Tgt Ion:152 Resp: 332123

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	158.0	0.0	348.6

