

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072651.D
 Acq On : 20 Apr 2022 17:04
 Operator : VA/SY
 Sample : N2466-06
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB2-041822-8-10

Quant Time: Apr 21 01:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

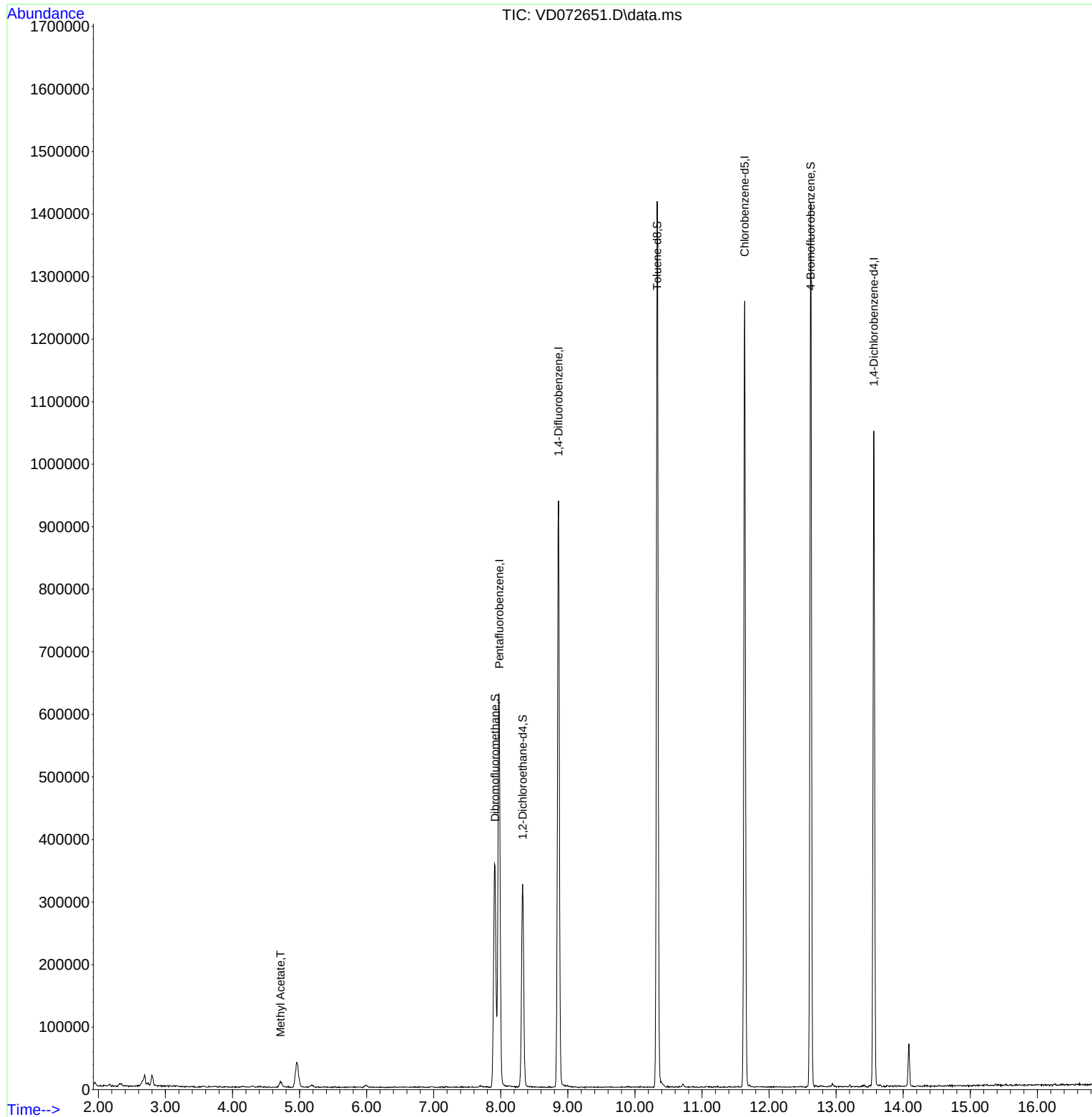
Internal Standards						
1) Pentafluorobenzene	7.979	168	461617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	803989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	741666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260878	46.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.440%
35) Dibromofluoromethane	7.914	113	270402	43.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.560%
50) Toluene-d8	10.332	98	976623	44.967	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.940%
62) 4-Bromofluorobenzene	12.620	95	323036	38.084	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.160%
Target Compounds						
18) Methyl Acetate	4.714	43	16925	5.770	ug/l	Qvalue 92

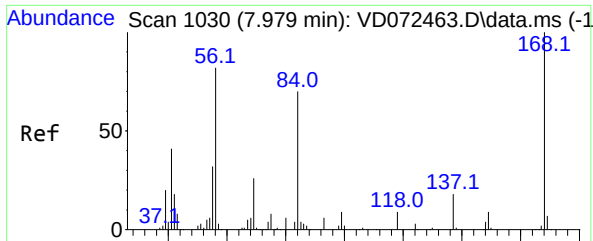
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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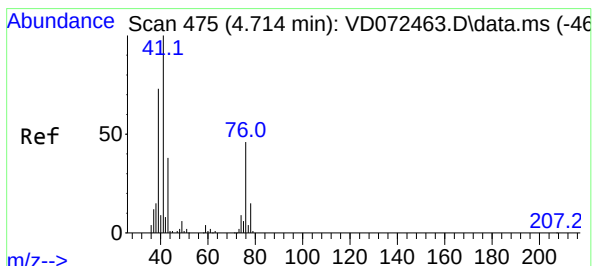
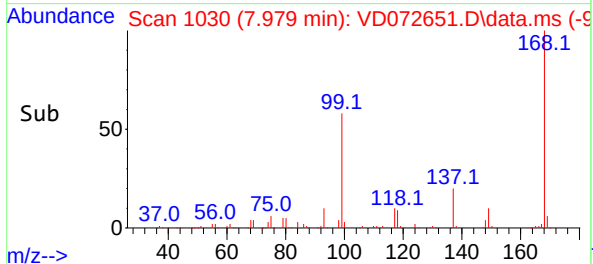
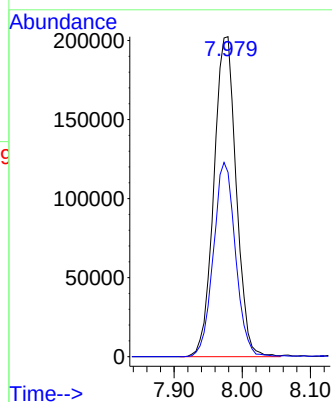
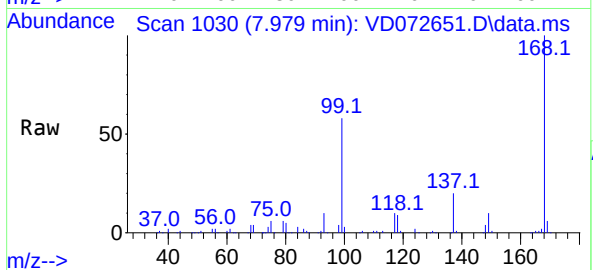




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

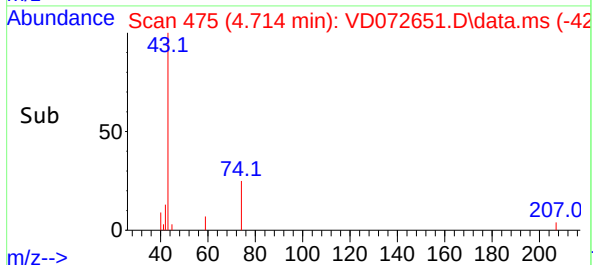
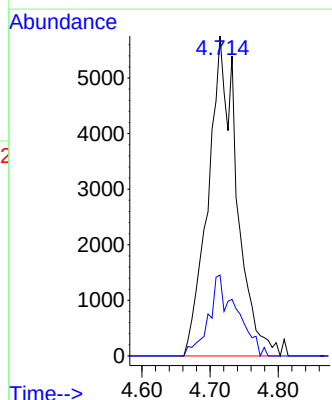
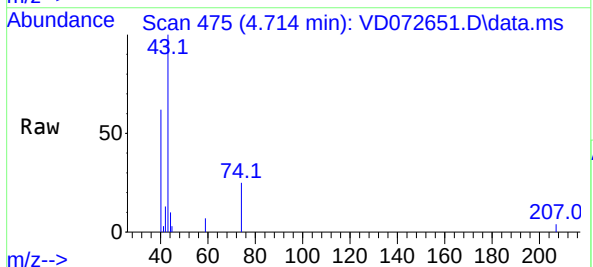
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

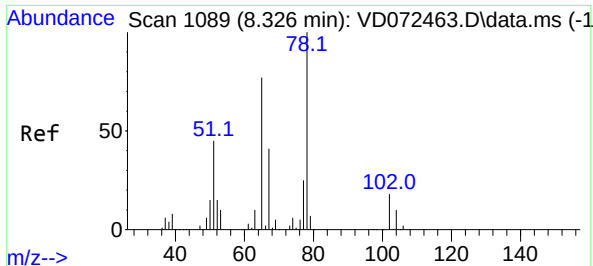
Tgt Ion:168 Resp: 461617
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#18
Methyl Acetate
Concen: 5.770 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 43 Resp: 16925
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1





#33

1,2-Dichloroethane-d4

Concen: 46.718 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

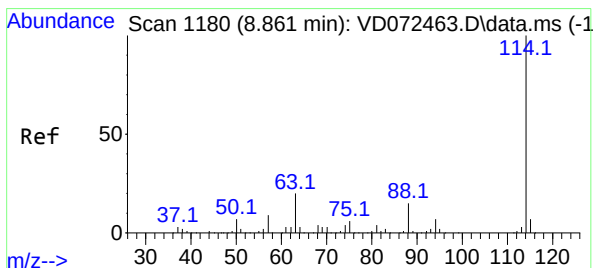
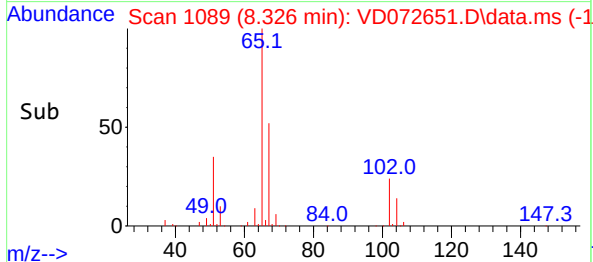
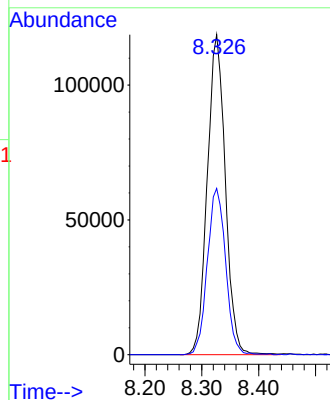
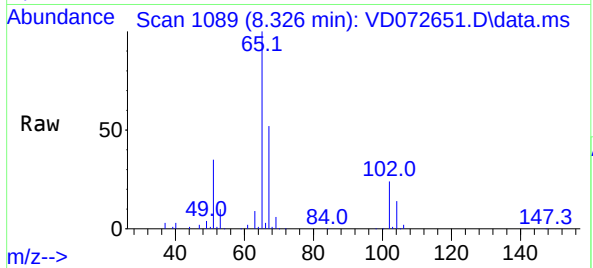
E14ST-EB2-041822-8-10

Tgt Ion: 65 Resp: 260878

Ion Ratio Lower Upper

65 100

67 52.7 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: VD072651.D

Acq: 20 Apr 2022 17:04

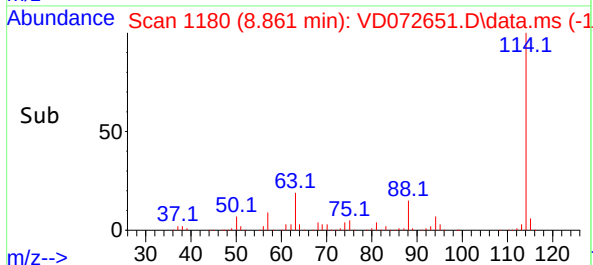
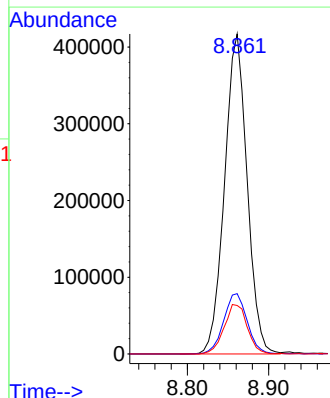
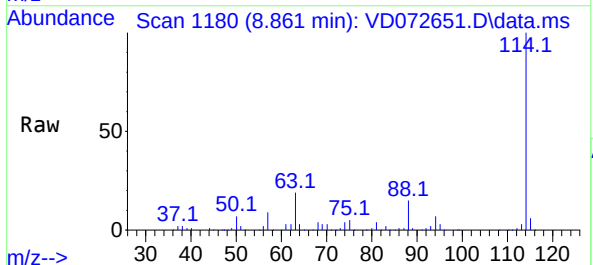
Tgt Ion: 114 Resp: 803989

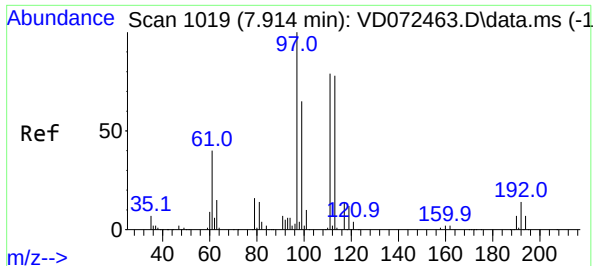
Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.277 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB2-041822-8-10

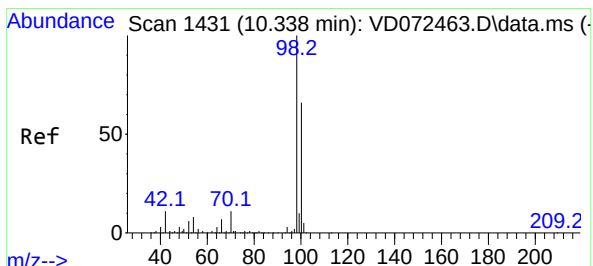
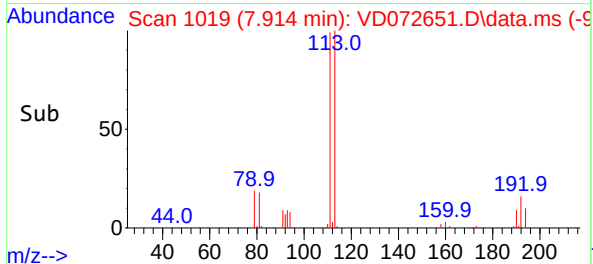
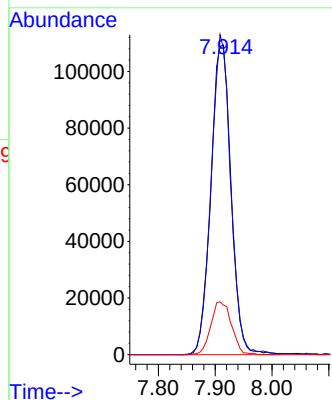
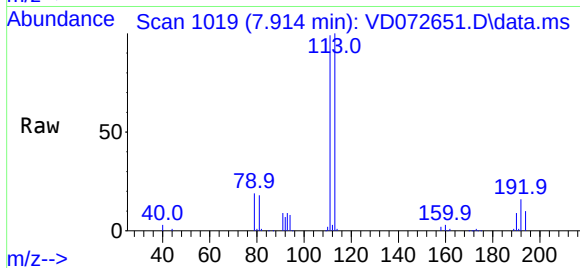
Tgt Ion:113 Resp: 270402

Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 17.4 14.6 21.8



#50

Toluene-d8

Concen: 44.967 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072651.D

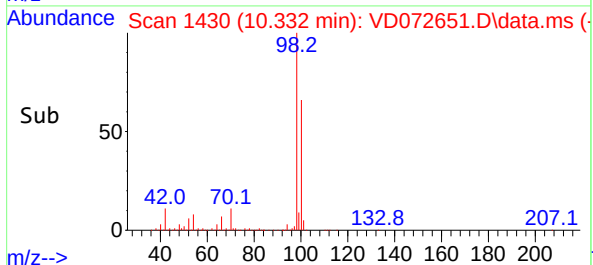
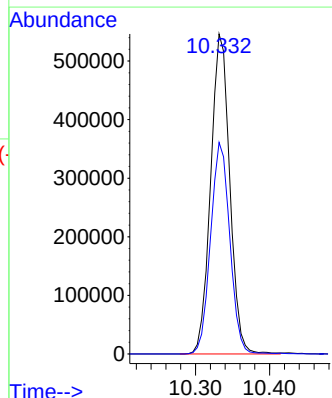
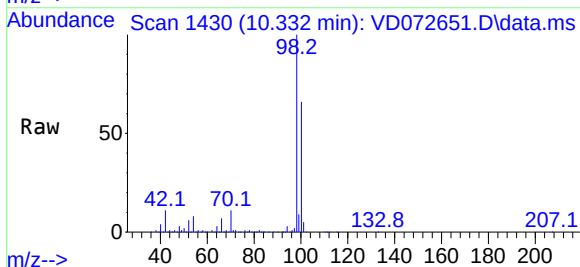
Acq: 20 Apr 2022 17:04

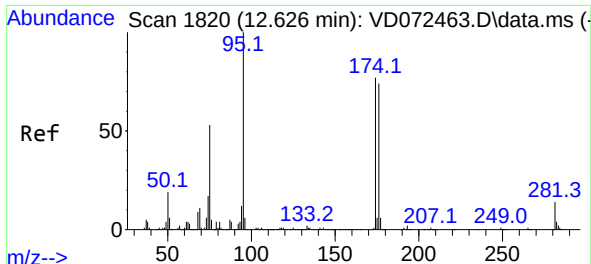
Tgt Ion: 98 Resp: 976623

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

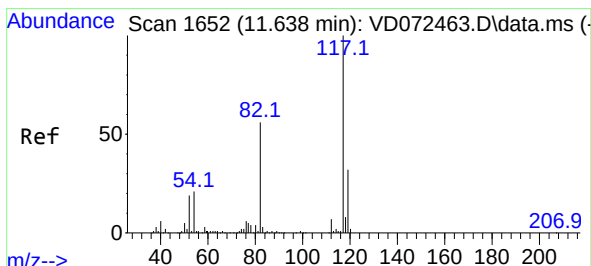
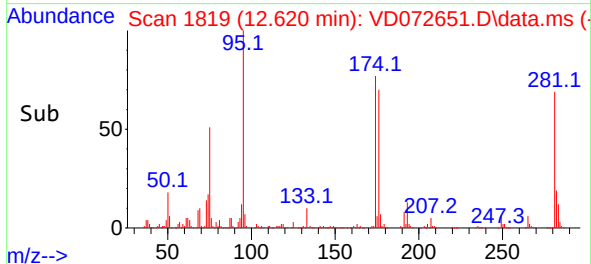
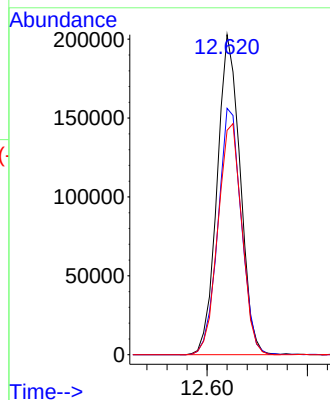
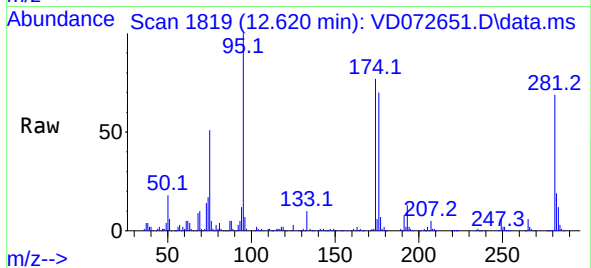




#62
4-Bromofluorobenzene
Concen: 38.084 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

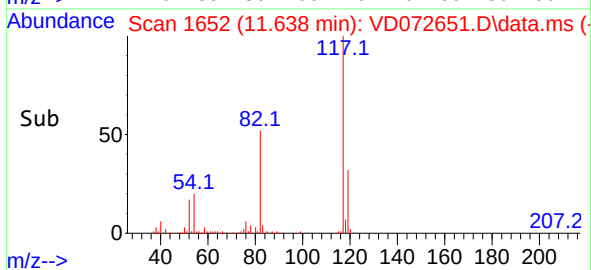
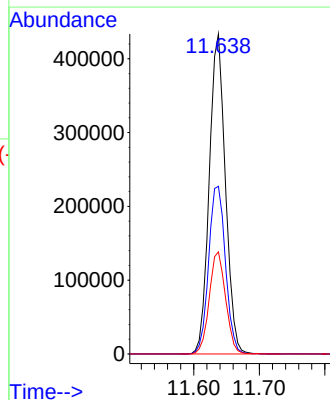
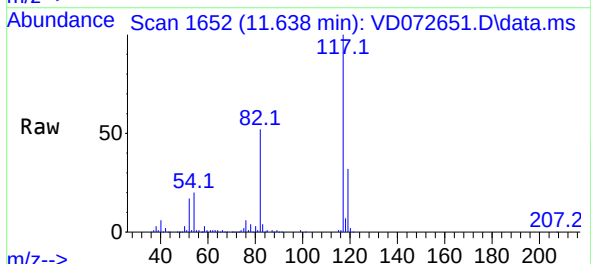
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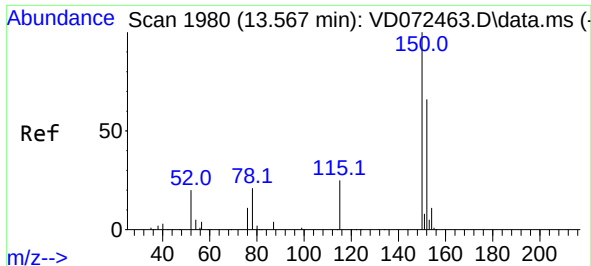
Tgt Ion:	95	Resp:	323036
Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	152.8
176	75.0	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

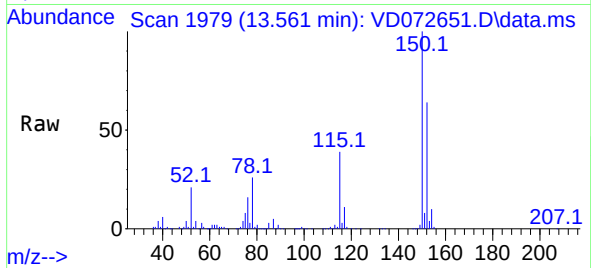
Tgt Ion:	117	Resp:	741666
Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.3	67.9
119	31.9	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD072651.D
 Acq: 20 Apr 2022 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB2-041822-8-10



Tgt Ion:152 Resp: 280522

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	157.7	0.0	348.6

