

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072221.D
 Acq On : 16 Mar 2022 16:34
 Operator : VA/SY
 Sample : N1914-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 16 16:46:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

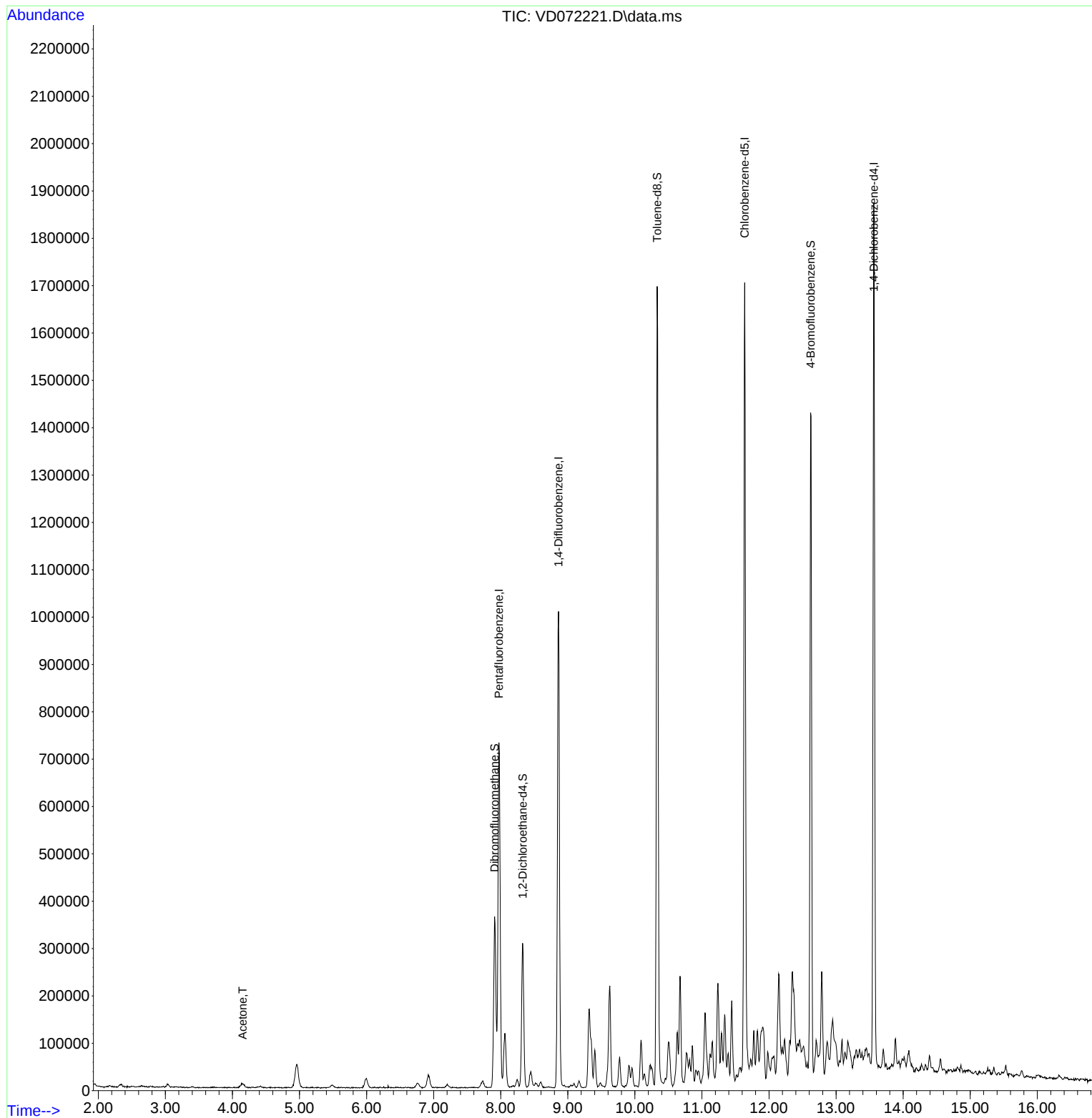
Internal Standards						
1) Pentafluorobenzene	7.973	168	540882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	958195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	479448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246172	40.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.680%
35) Dibromofluoromethane	7.909	113	262403	41.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.332	98	1118638	48.894	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.620	95	472555	53.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.320%
Target Compounds						
16) Acetone	4.150	43	13957	10.664	ug/l	Qvalue 94

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

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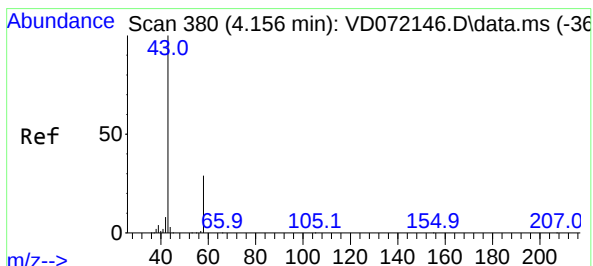
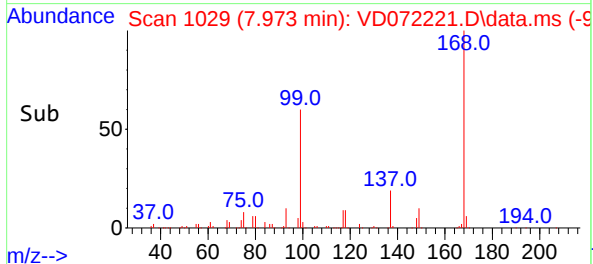
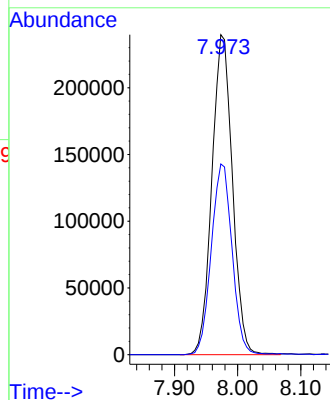
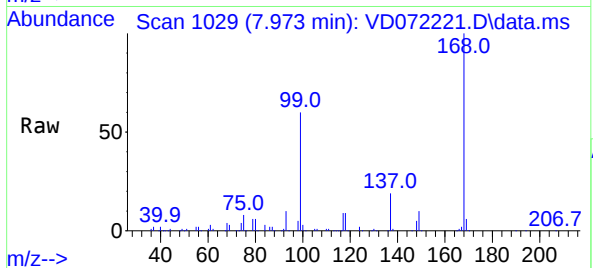




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072221.D
Acq: 16 Mar 2022 16:34

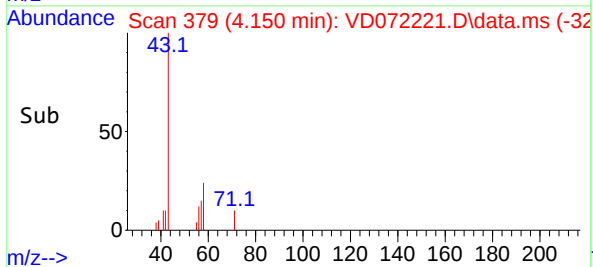
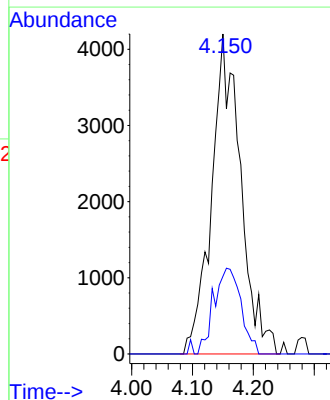
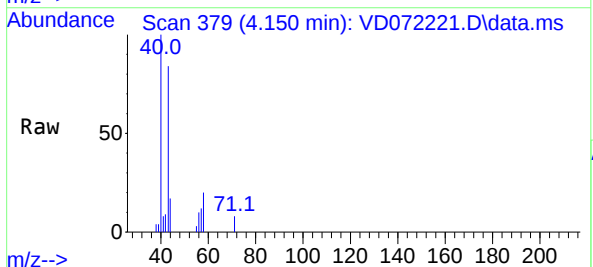
Instrument :
MSVOA_D
ClientSampleId :
TP-1

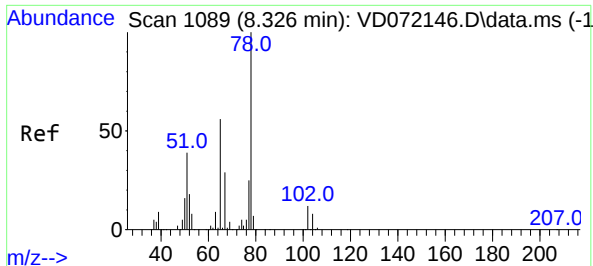
Tgt Ion:168 Resp: 540882
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#16
Acetone
Concen: 10.664 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072221.D
Acq: 16 Mar 2022 16:34

Tgt Ion: 43 Resp: 13957
Ion Ratio Lower Upper
43 100
58 24.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 40.839 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072221.D

Acq: 16 Mar 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

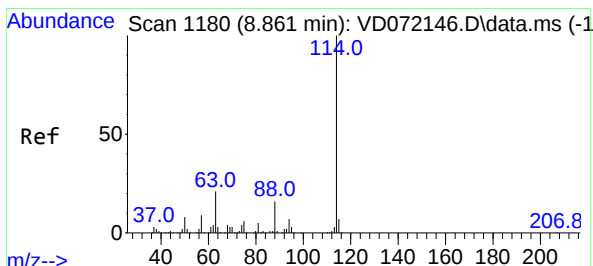
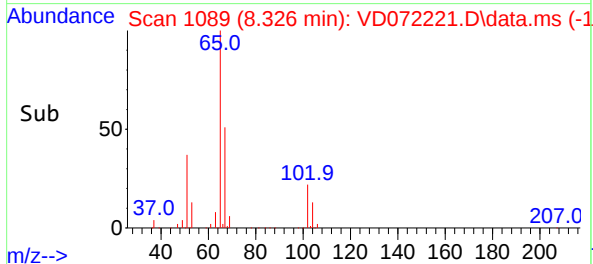
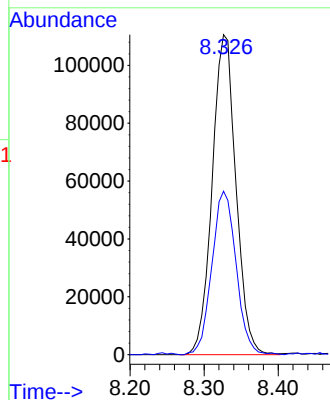
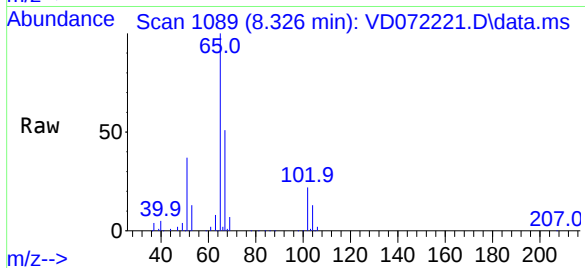
TP-1

Tgt Ion: 65 Resp: 246172

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072221.D

Acq: 16 Mar 2022 16:34

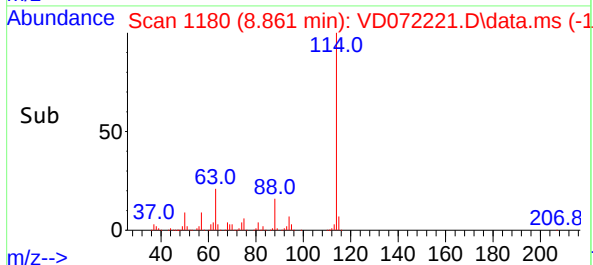
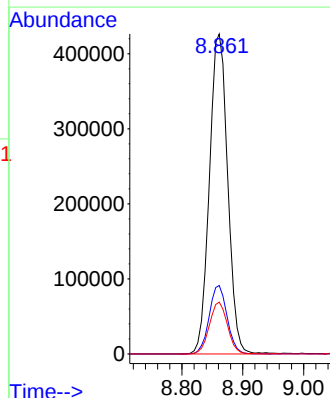
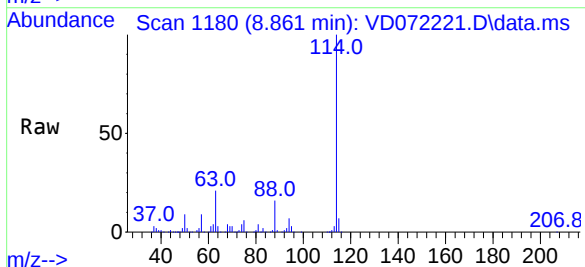
Tgt Ion: 114 Resp: 889145

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 16.2 0.0 33.2

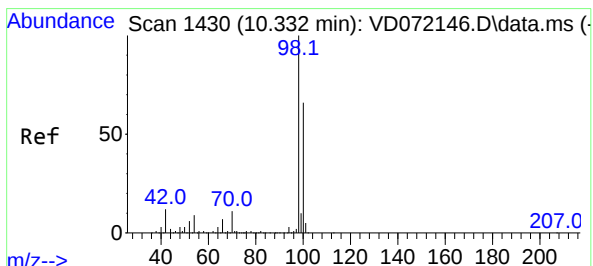
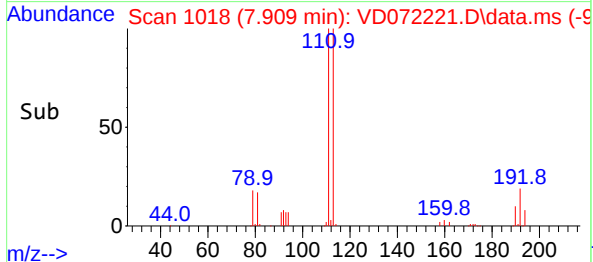
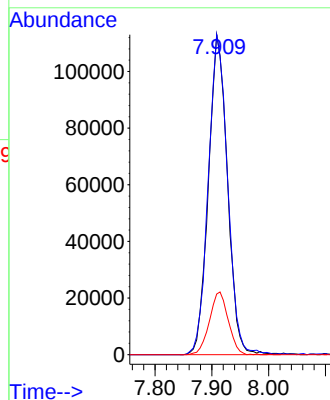
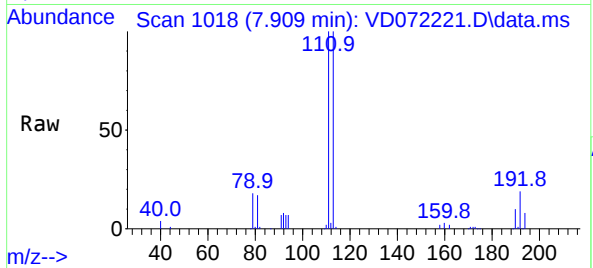




#35
Dibromofluoromethane
Concen: 41.938 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072221.D
Acq: 16 Mar 2022 16:34

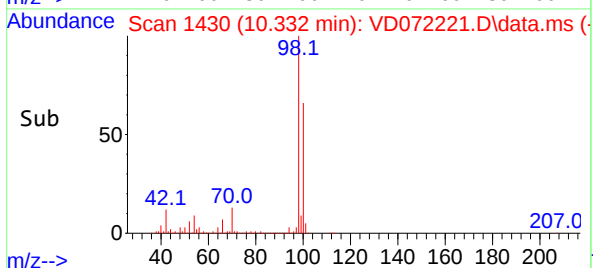
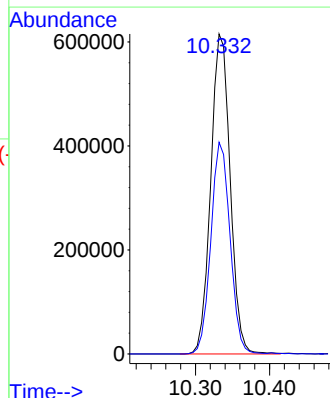
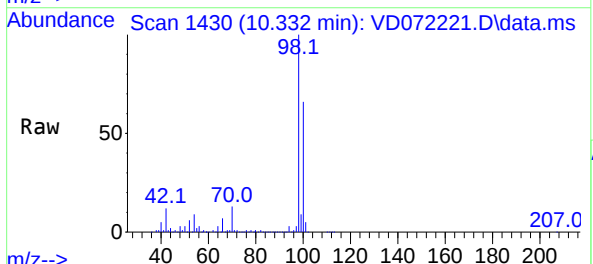
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:113 Resp: 262403
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 19.4 14.6 21.8



#50
Toluene-d8
Concen: 48.894 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072221.D
Acq: 16 Mar 2022 16:34

Tgt Ion: 98 Resp: 1118638
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

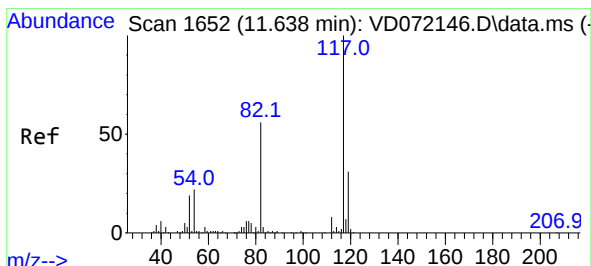
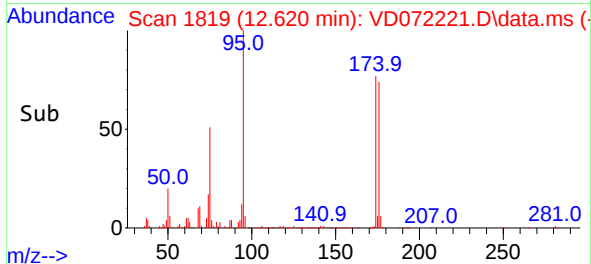
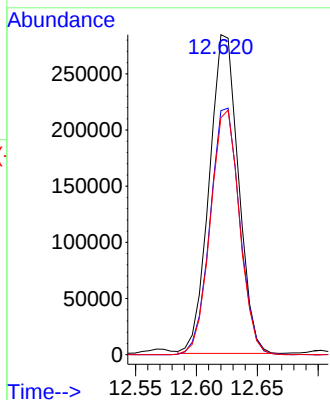
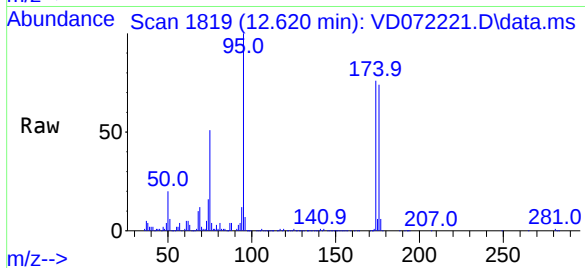




#62
4-Bromofluorobenzene
Concen: 53.158 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072221.D
Acq: 16 Mar 2022 16:34

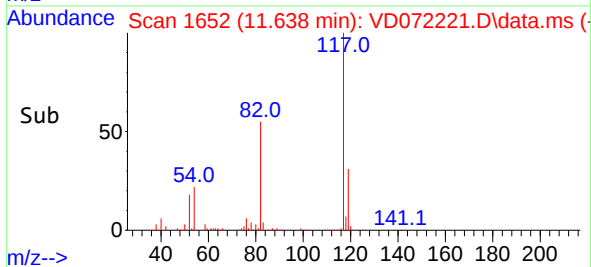
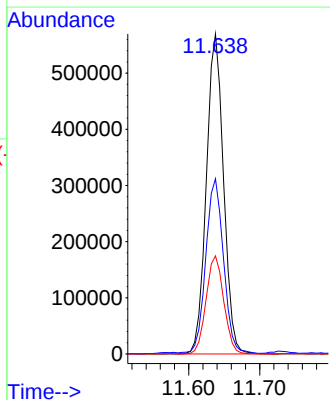
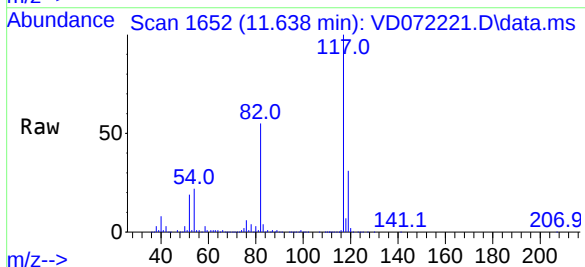
Instrument :
MSVOA_D
ClientSampleId :
TP-1

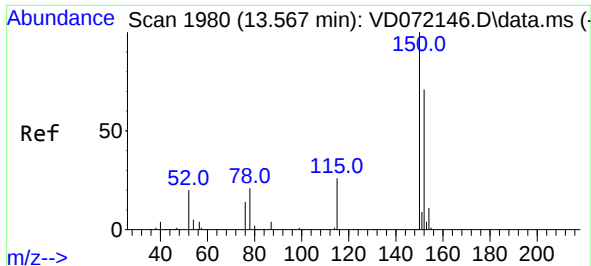
Tgt Ion: 95 Resp: 472555
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072221.D
Acq: 16 Mar 2022 16:34

Tgt Ion: 117 Resp: 958195
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 30.7 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072221.D

Acq: 16 Mar 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

TP-1

Tgt Ion:152 Resp: 479448

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 158.0 0.0 348.6

