

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072055.D
 Acq On : 22 Feb 2022 14:11
 Operator : VA/SY
 Sample : N1626-03
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A2

Quant Time: Feb 23 05:30:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

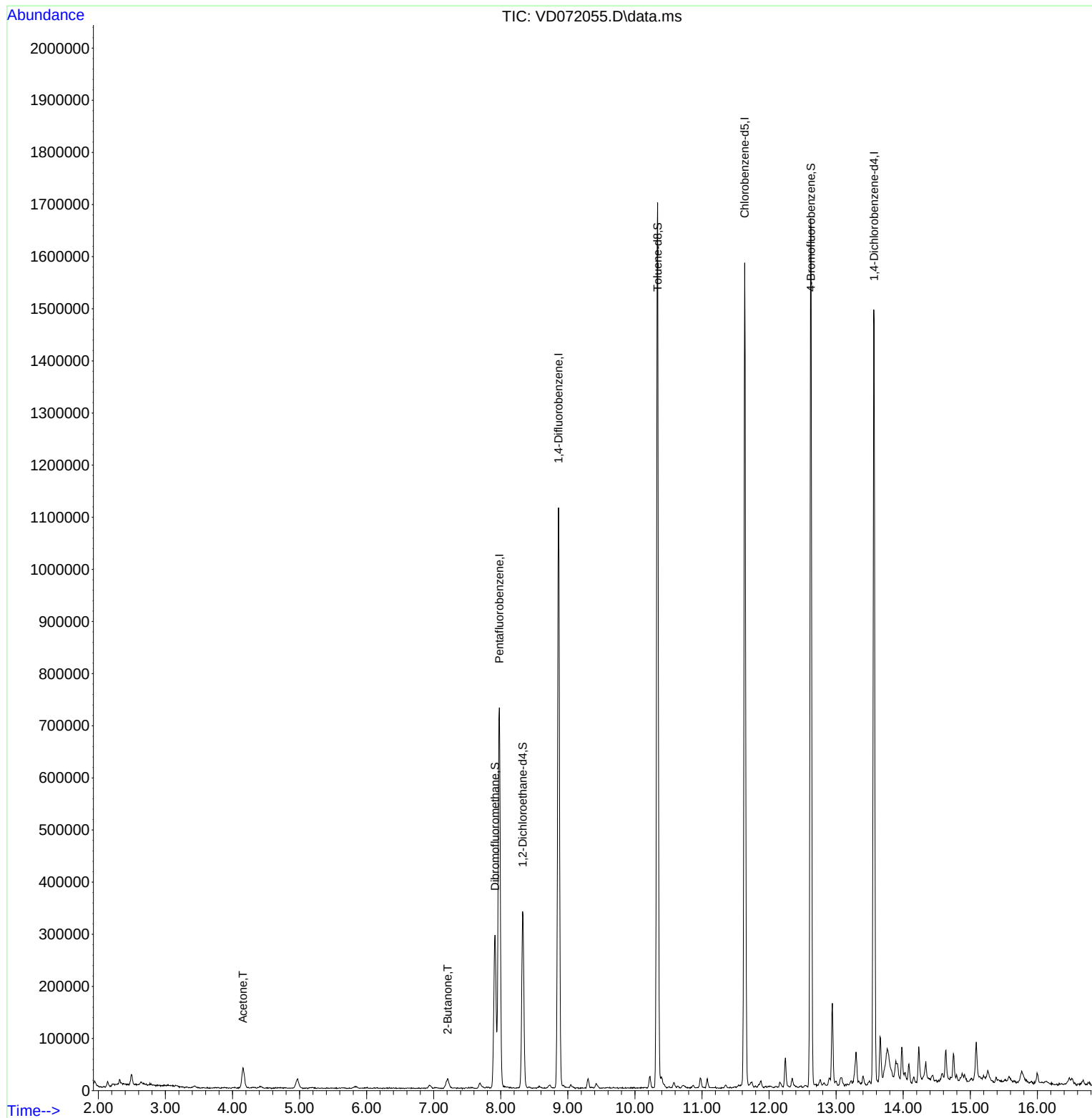
Internal Standards						
1) Pentafluorobenzene	7.979	168	545514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	942854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	888289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	404169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	269629	47.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.30%
35) Dibromofluoromethane	7.914	113	216832	37.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.92%
50) Toluene-d8	10.338	98	1152802	54.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.84%
62) 4-Bromofluorobenzene	12.626	95	420385	54.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.04%
Target Compounds						
16) Acetone	4.156	43	68453	55.97	ug/l	95
25) 2-Butanone	7.208	43	24236	14.34	ug/l	99

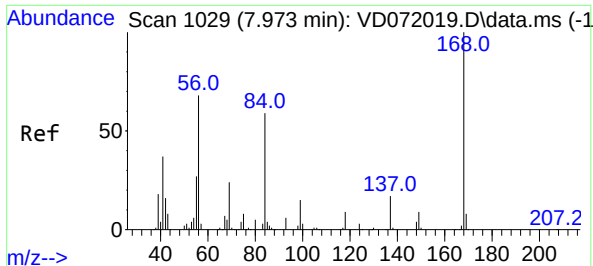
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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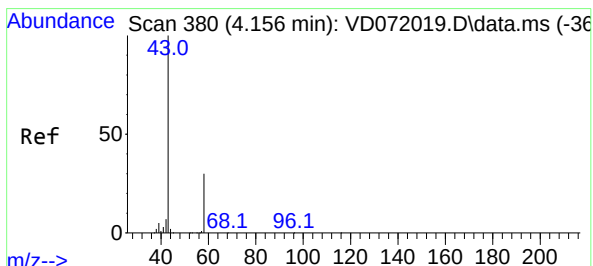
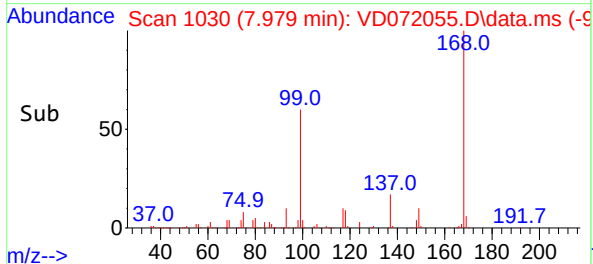
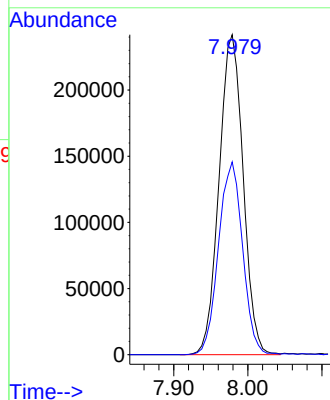
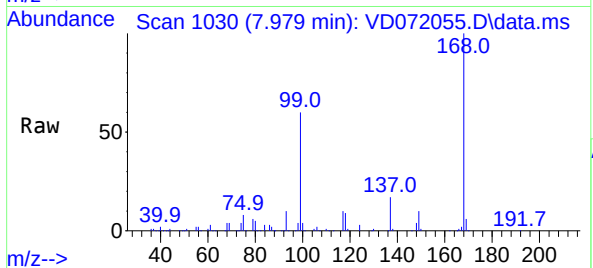




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072055.D
Acq: 22 Feb 2022 14:11

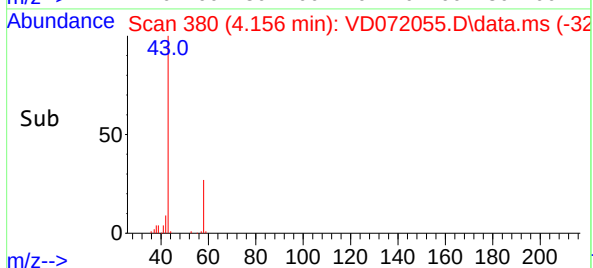
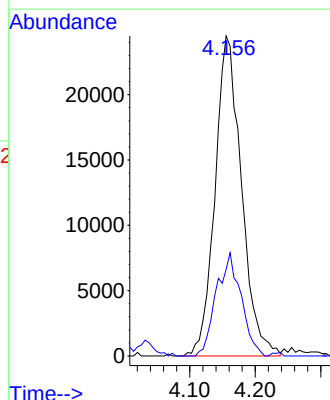
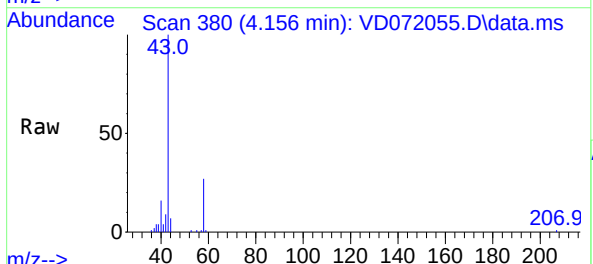
Instrument :
MSVOA_D
ClientSampleId :
CC-A2

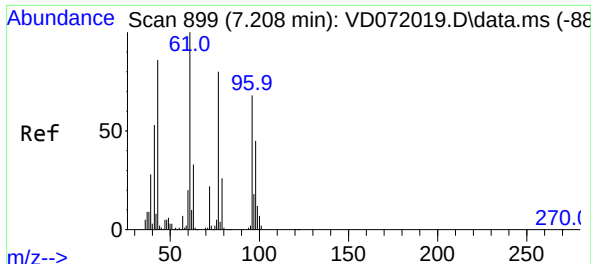
Tgt Ion:168 Resp: 545514
Ion Ratio Lower Upper
168 100
99 60.2 47.1 70.7



#16
Acetone
Concen: 55.97 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072055.D
Acq: 22 Feb 2022 14:11

Tgt Ion: 43 Resp: 68453
Ion Ratio Lower Upper
43 100
58 27.1 23.8 35.6





#25

2-Butanone

Concen: 14.34 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072055.D

Acq: 22 Feb 2022 14:11

Instrument :

MSVOA_D

ClientSampleId :

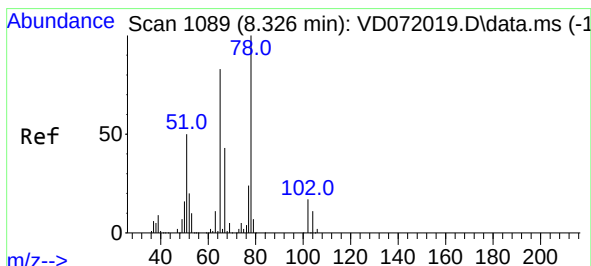
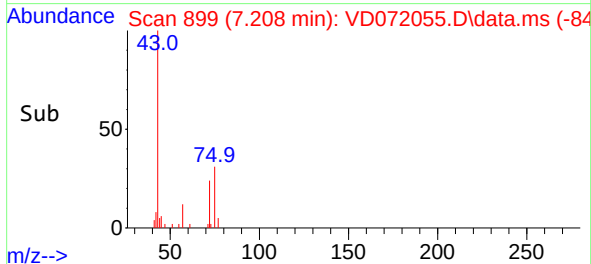
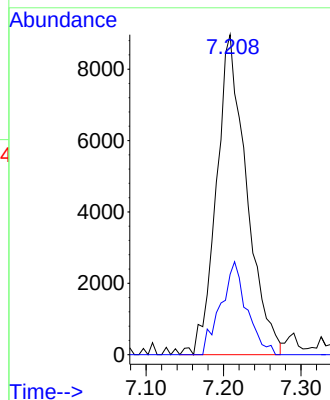
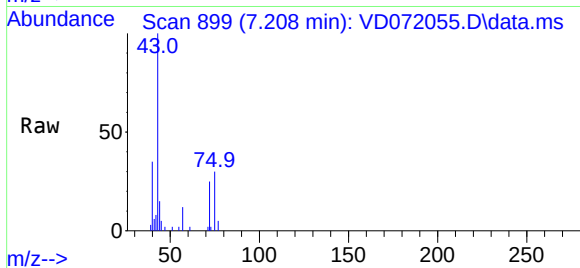
CC-A2

Tgt Ion: 43 Resp: 24236

Ion Ratio Lower Upper

43 100

72 25.1 20.3 30.5



#33

1,2-Dichloroethane-d4

Concen: 47.65 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072055.D

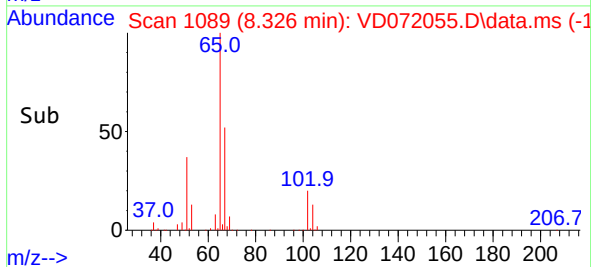
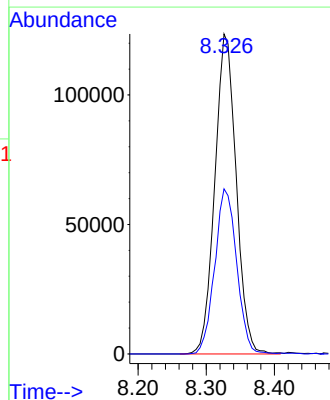
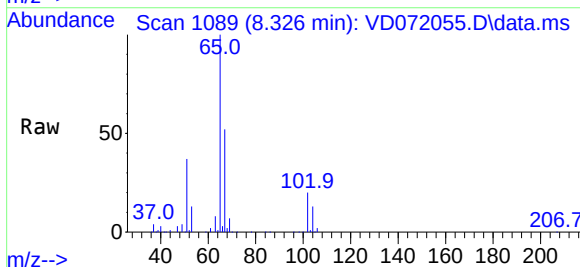
Acq: 22 Feb 2022 14:11

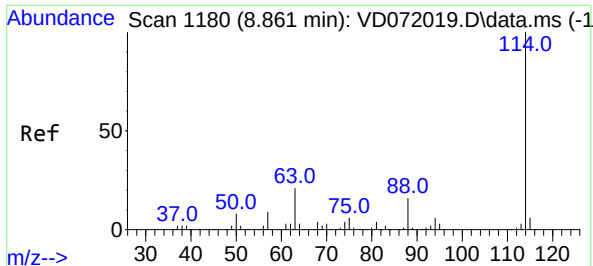
Tgt Ion: 65 Resp: 269629

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072055.D

Acq: 22 Feb 2022 14:11

Instrument :

MSVOA_D

ClientSampleId :

CC-A2

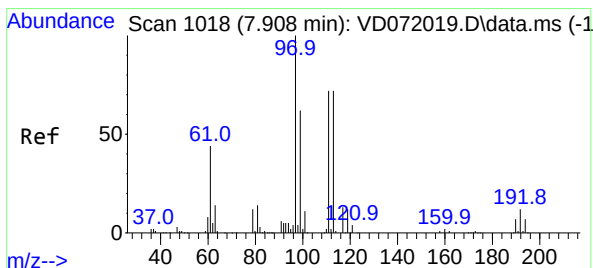
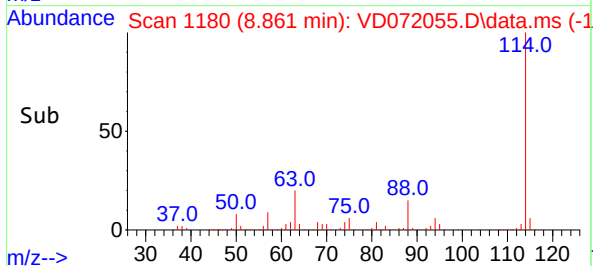
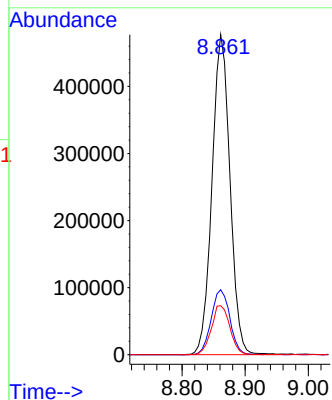
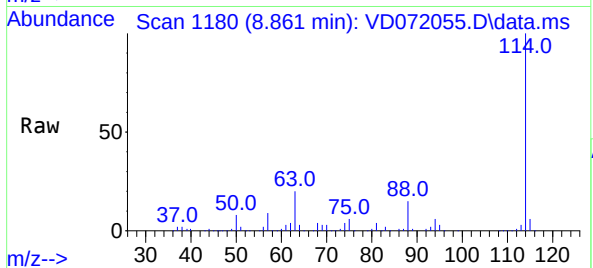
Tgt Ion:114 Resp: 942854

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 37.96 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072055.D

Acq: 22 Feb 2022 14:11

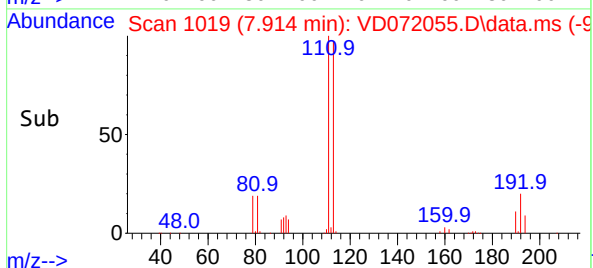
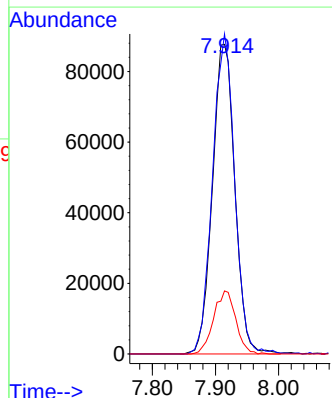
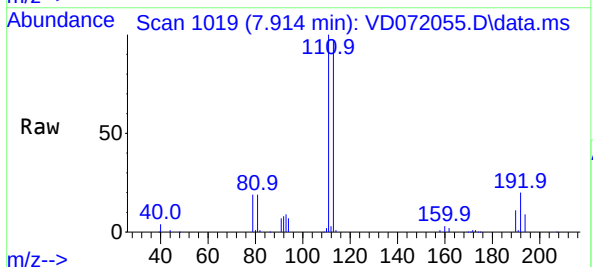
Tgt Ion:113 Resp: 216832

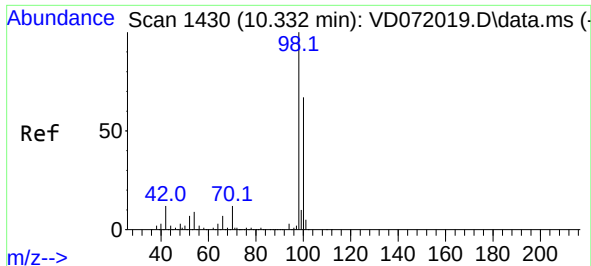
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 20.1 15.3 22.9

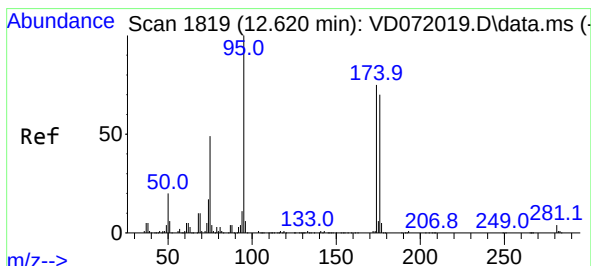
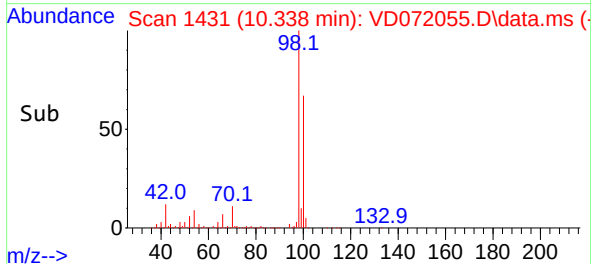
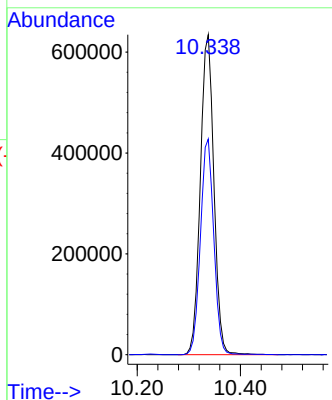
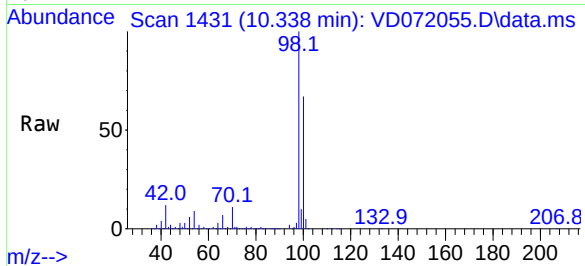




#50
Toluene-d8
Concen: 54.42 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072055.D
Acq: 22 Feb 2022 14:11

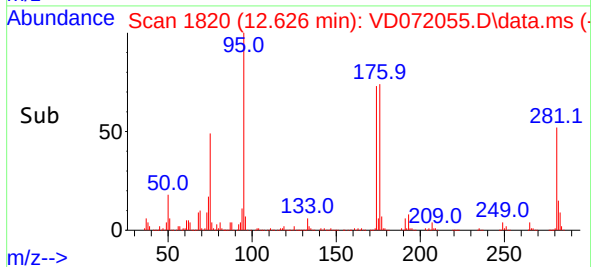
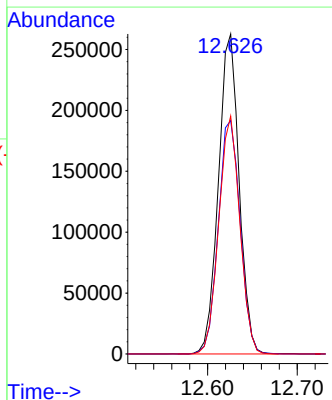
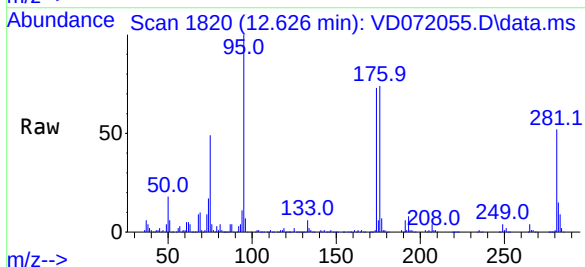
Instrument :
MSVOA_D
ClientSampleId :
CC-A2

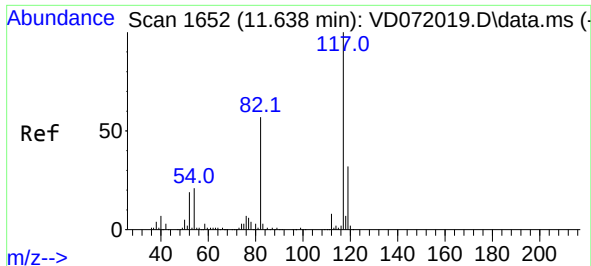
Tgt Ion: 98 Resp: 1152802
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072055.D
Acq: 22 Feb 2022 14:11

Tgt Ion: 95 Resp: 420385
Ion Ratio Lower Upper
95 100
174 77.1 0.0 155.0
176 75.6 0.0 148.8

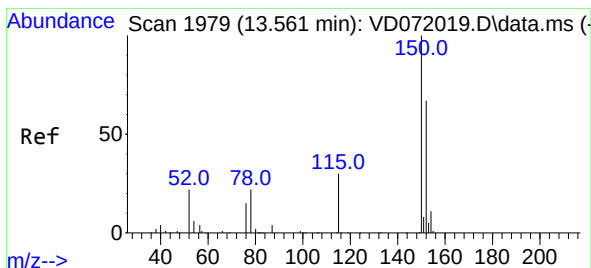
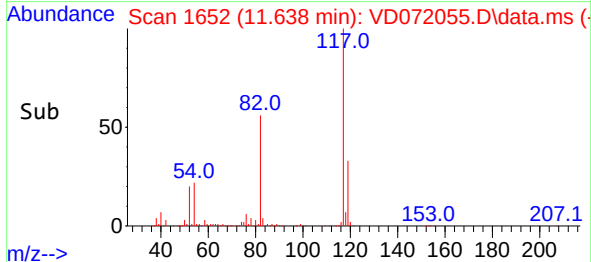
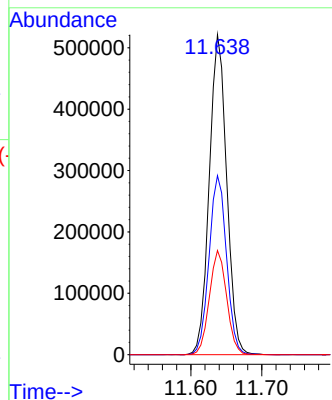
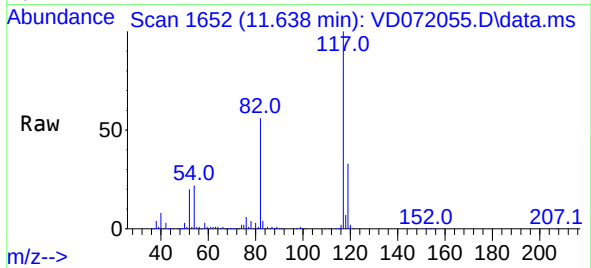




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072055.D
Acq: 22 Feb 2022 14:11

Instrument :
MSVOA_D
ClientSampleId :
CC-A2

Tgt Ion:117 Resp: 888289
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072055.D
Acq: 22 Feb 2022 14:11

Tgt Ion:152 Resp: 404169
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 156.3 0.0 347.6

