

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072060.D
 Acq On : 22 Feb 2022 16:32
 Operator : VA/SY
 Sample : N1626-10
 Misc : 4.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B5

Quant Time: Feb 23 05:31:33 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)

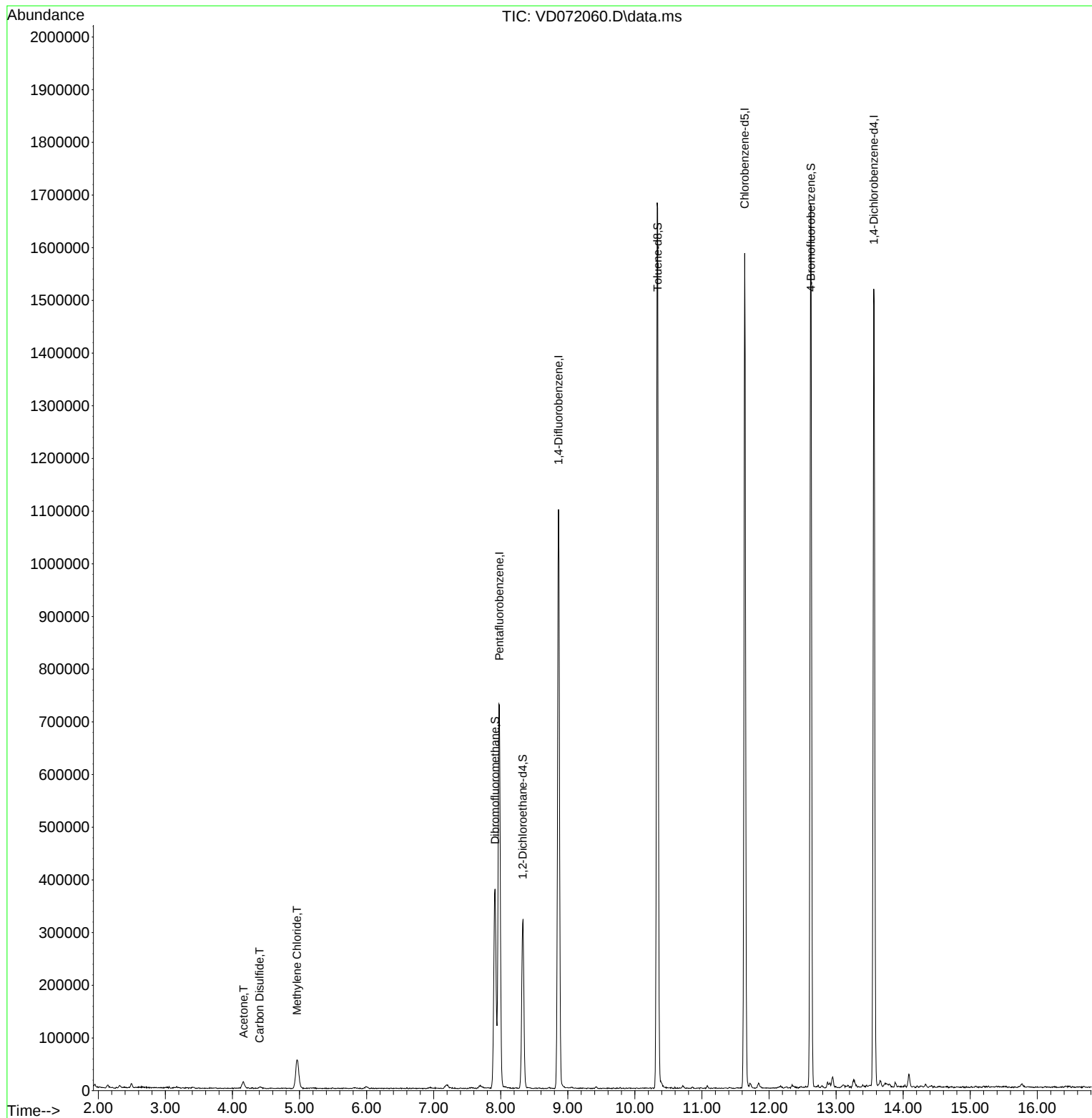
Internal Standards						
1) Pentafluorobenzene	7.979	168	552820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	933196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	890561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	414706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262069	45.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.400%
35) Dibromofluoromethane	7.914	113	280746	49.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.338	98	1153844	55.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.060%
62) 4-Bromofluorobenzene	12.626	95	420856	54.643	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.280%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	22433	18.101	ug/l	99
17) Carbon Disulfide	4.403	76	4930	1.007	ug/l #	87
20) Methylene Chloride	4.962	84	43796	7.101	ug/l	95

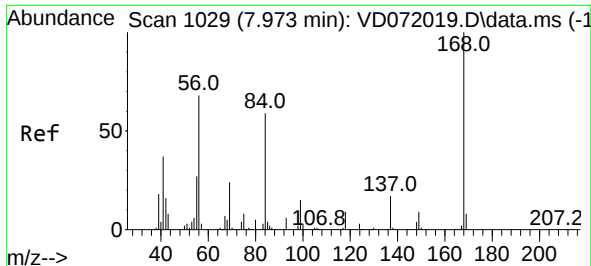
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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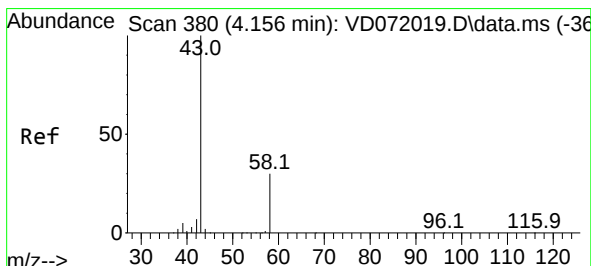
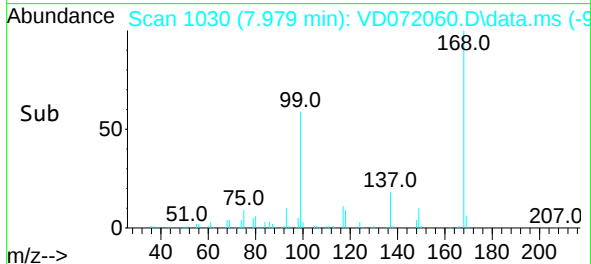
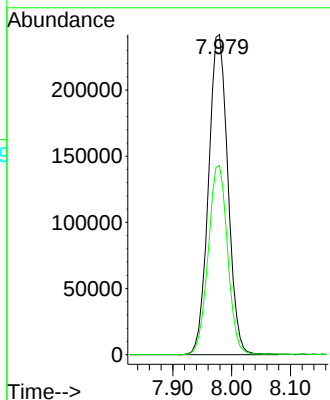
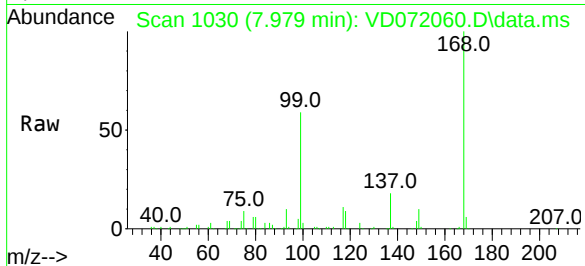




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

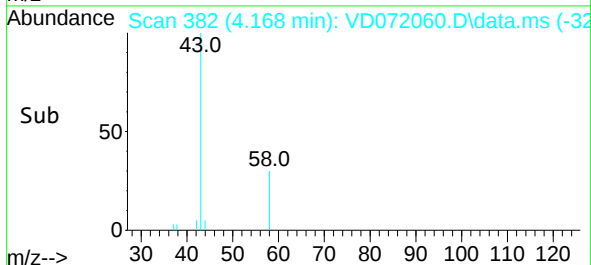
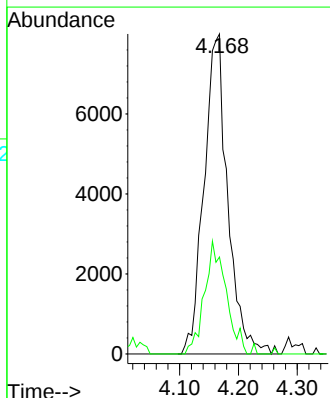
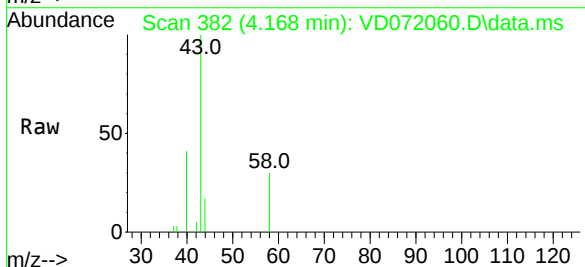
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

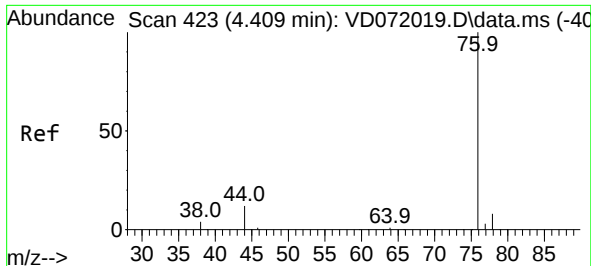
Tgt Ion:168 Resp: 552820
Ion Ratio Lower Upper
168 100
99 59.1 47.1 70.7



#16
Acetone
Concen: 18.101 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 43 Resp: 22433
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.6

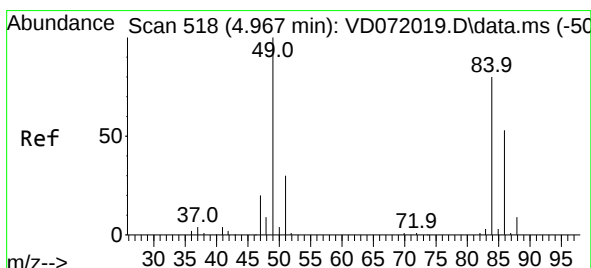
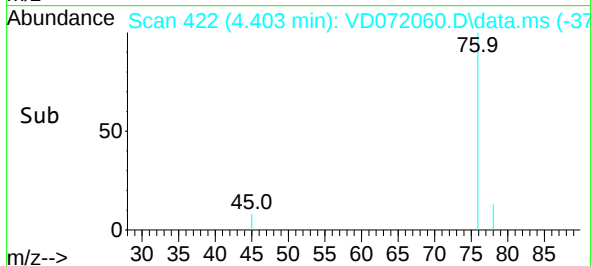
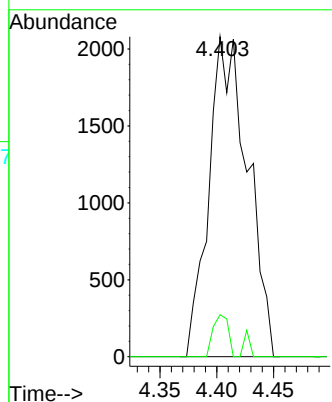
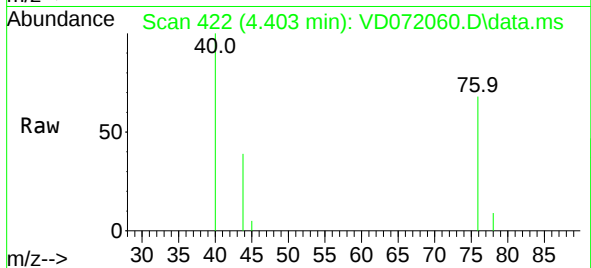




#17
Carbon Disulfide
Concen: 1.007 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

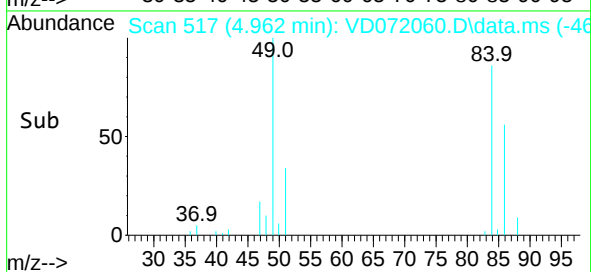
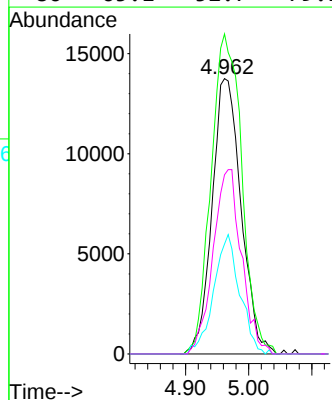
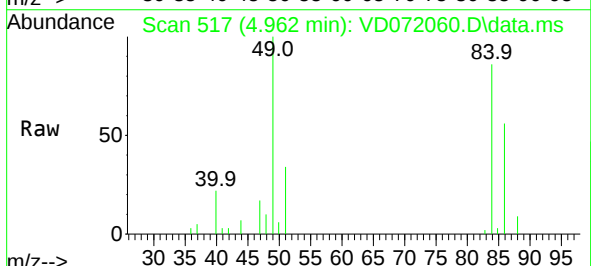
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

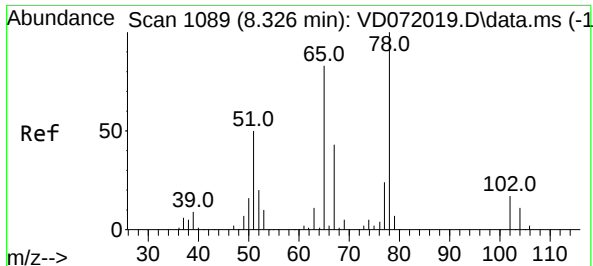
Tgt Ion: 76 Resp: 4930
Ion Ratio Lower Upper
76 100
78 13.1 6.7 10.1#



#20
Methylene Chloride
Concen: 7.101 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 84 Resp: 43796
Ion Ratio Lower Upper
84 100
49 116.2 100.0 150.0
51 39.9 30.2 45.4
86 65.1 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 45.701 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

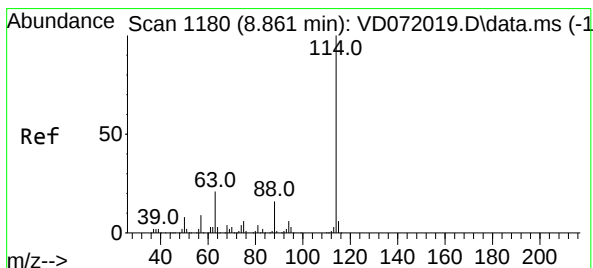
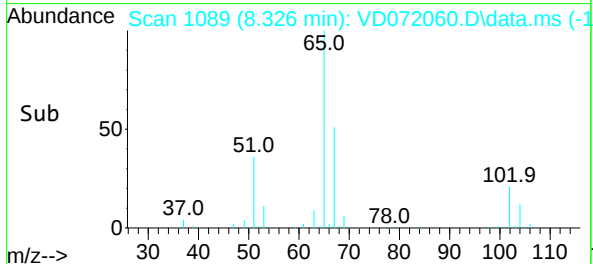
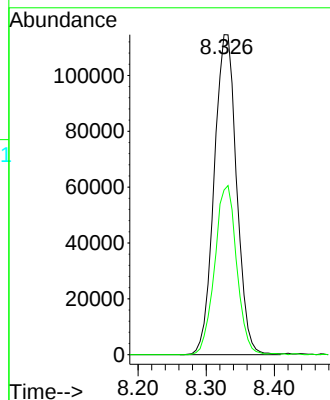
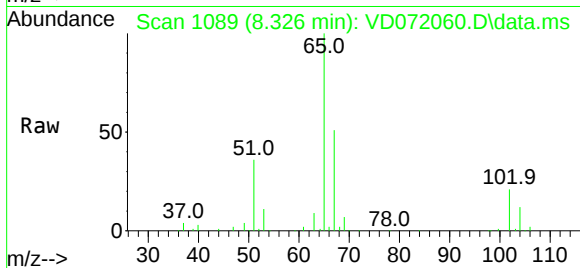
CC-B5

Tgt Ion: 65 Resp: 262069

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

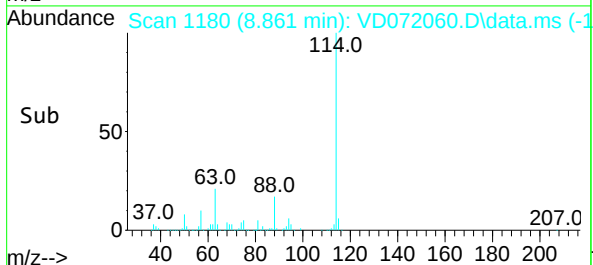
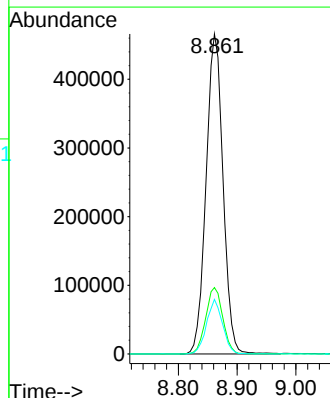
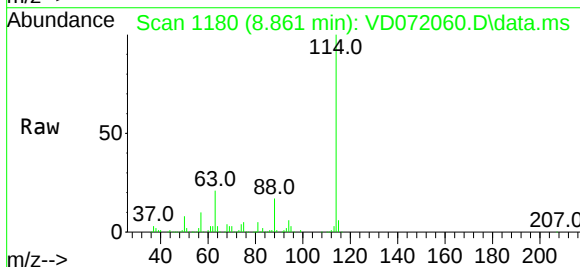
Tgt Ion: 114 Resp: 933196

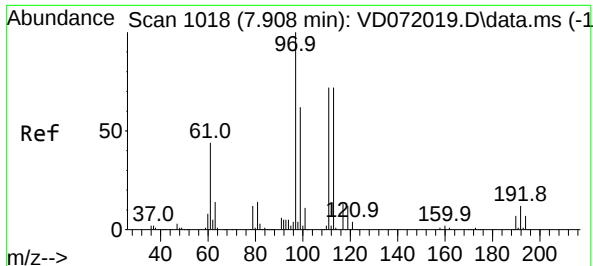
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 17.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.655 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

CC-B5

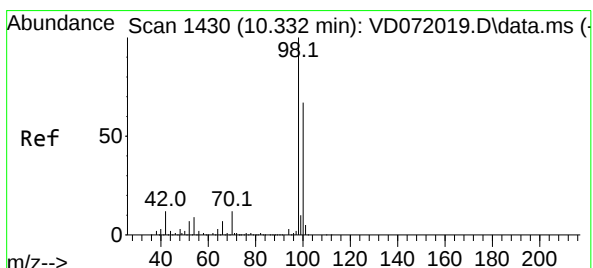
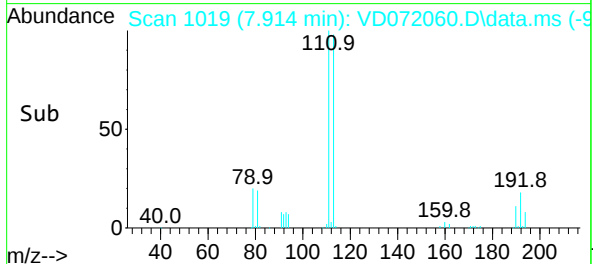
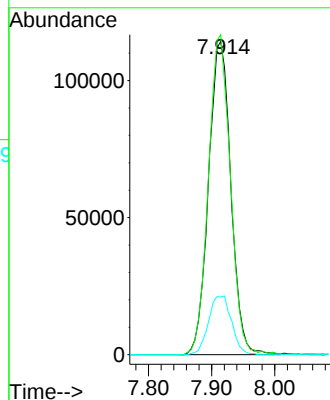
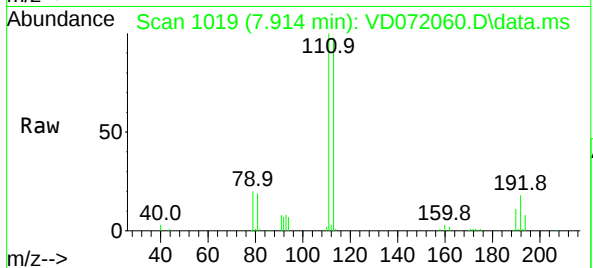
Tgt Ion:113 Resp: 280746

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

192 19.3 15.3 22.9



#50

Toluene-d8

Concen: 55.031 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072060.D

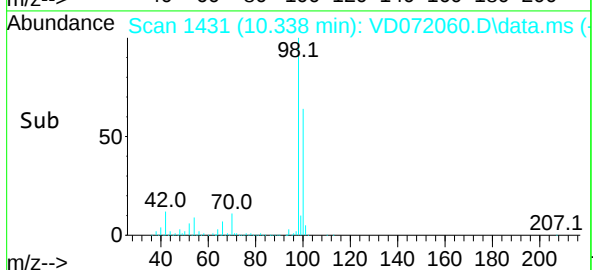
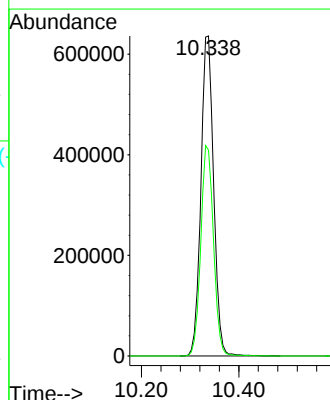
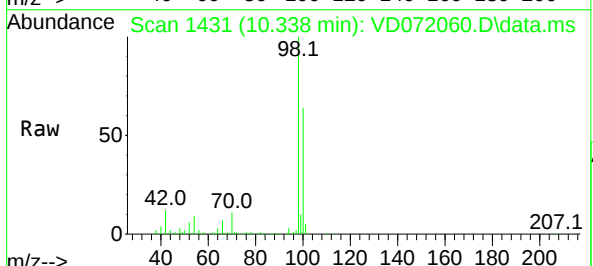
Acq: 22 Feb 2022 16:32

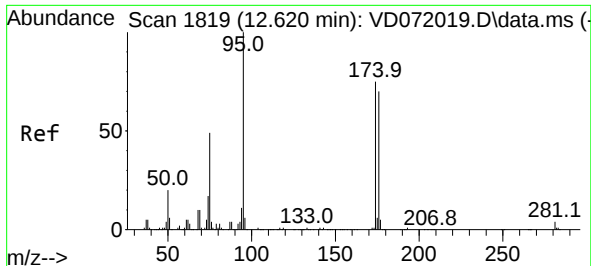
Tgt Ion: 98 Resp: 1153844

Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.6

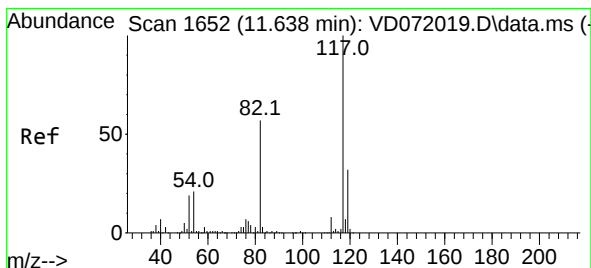
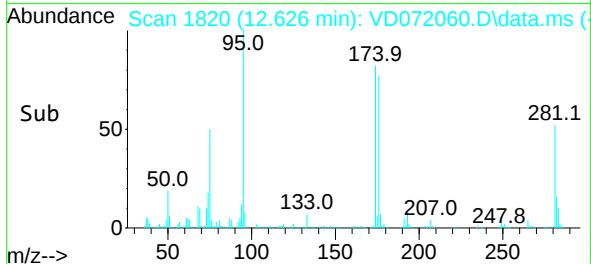
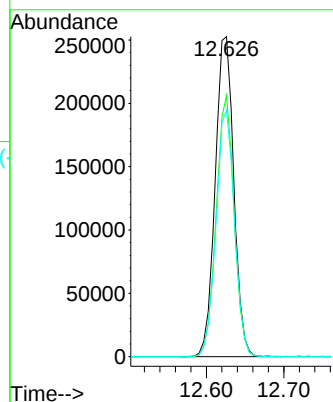
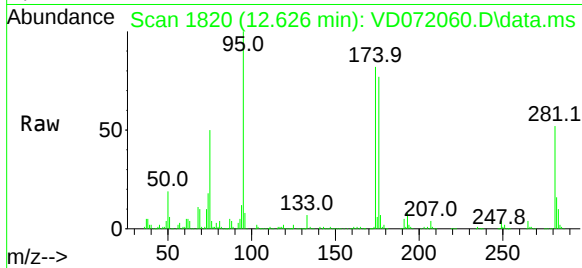




#62
4-Bromofluorobenzene
Concen: 54.643 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

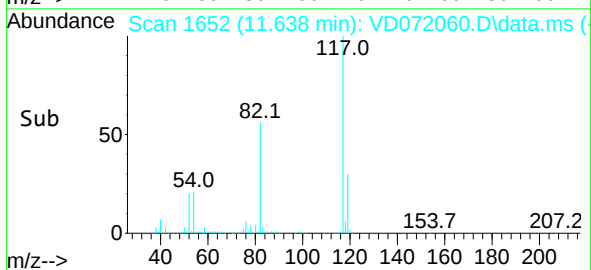
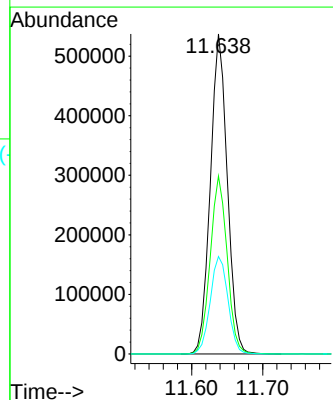
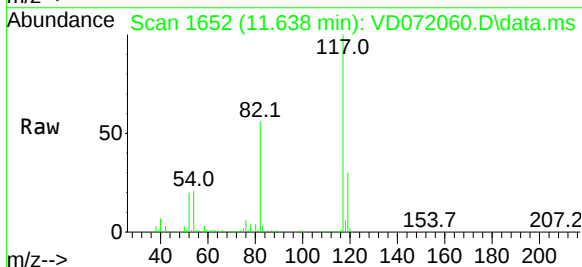
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

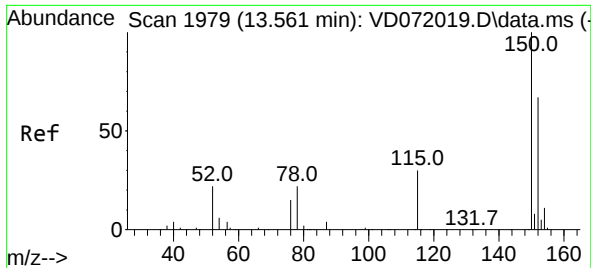
Tgt Ion: 95 Resp: 420856
Ion Ratio Lower Upper
95 100
174 79.0 0.0 155.0
176 76.1 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 117 Resp: 890561
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 30.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072060.D
 Acq: 22 Feb 2022 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B5

Tgt Ion:152 Resp: 414706
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.9 89.7
 150 156.6 0.0 347.6

