

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072059.D
 Acq On : 22 Feb 2022 16:04
 Operator : VA/SY
 Sample : N1626-09
 Misc : 4.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A5

Quant Time: Feb 23 05:31:21 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)

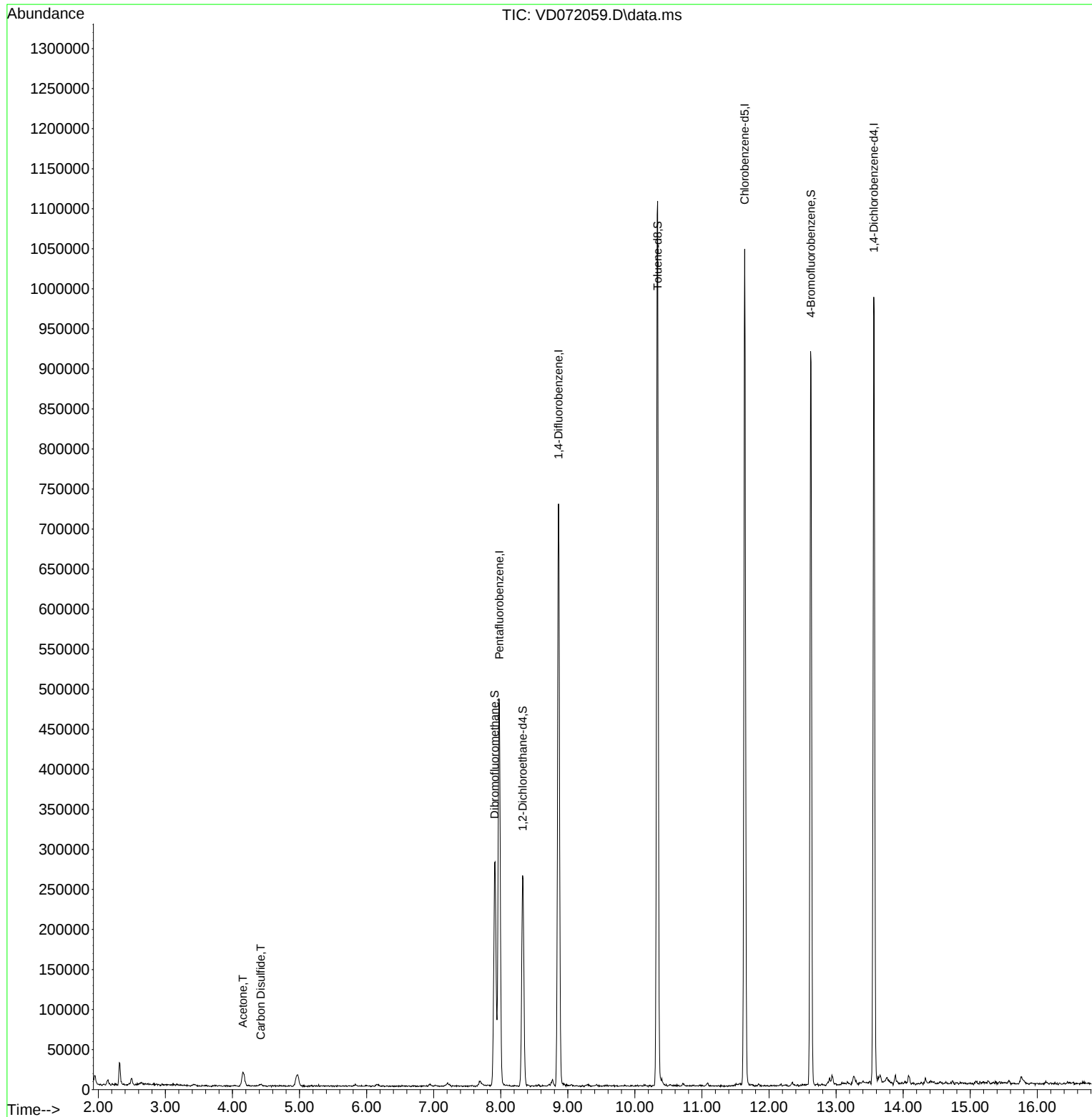
Internal Standards						
1) Pentafluorobenzene	7.979	168	358585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215387	57.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.820%	
35) Dibromofluoromethane	7.909	113	205688	54.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.338	98	749093	53.471	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.626	95	273956	53.236	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.480%	
Target Compounds						
16) Acetone	4.156	43	32760	40.753	ug/l	98
17) Carbon Disulfide	4.420	76	3825	1.075	ug/l #	80

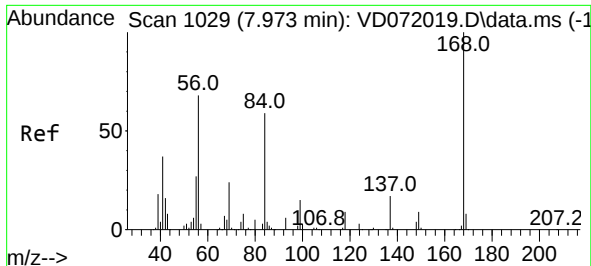
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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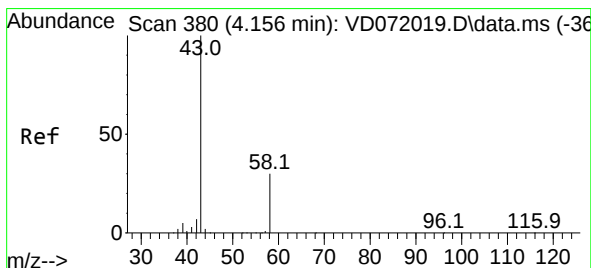
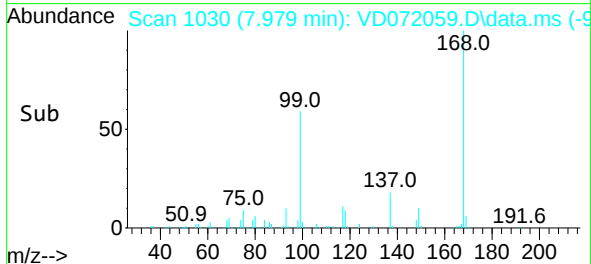
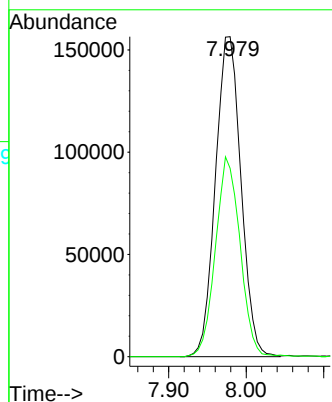
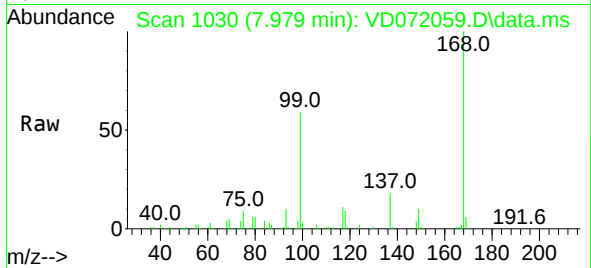




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

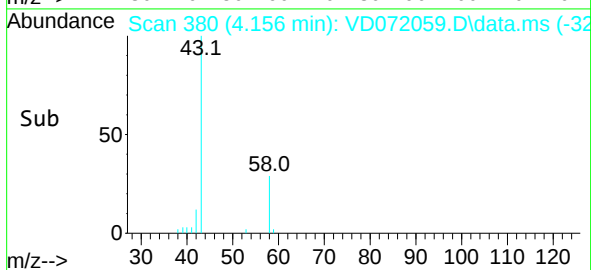
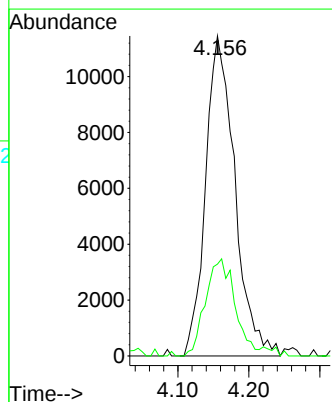
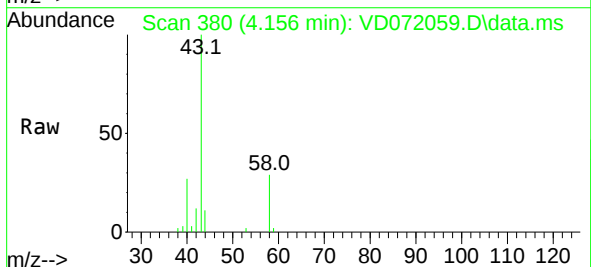
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

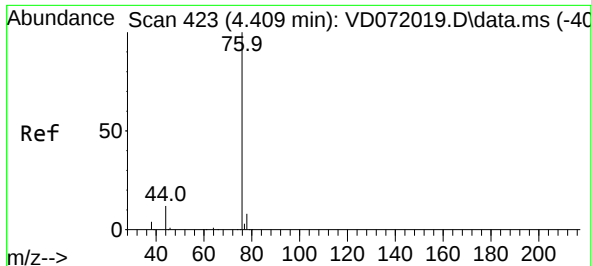
Tgt Ion:168 Resp: 358585
Ion Ratio Lower Upper
168 100
99 58.9 47.1 70.7



#16
Acetone
Concen: 40.753 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion: 43 Resp: 32760
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.6

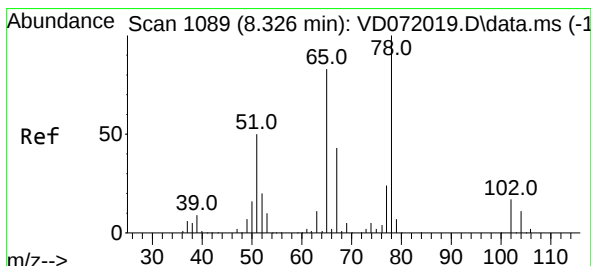
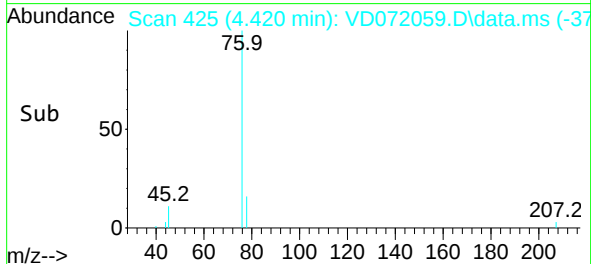
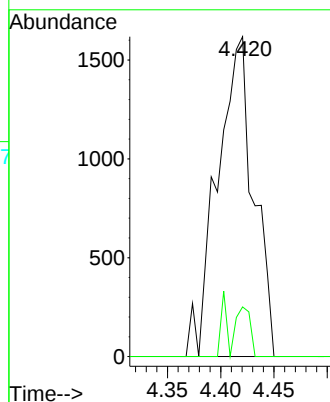
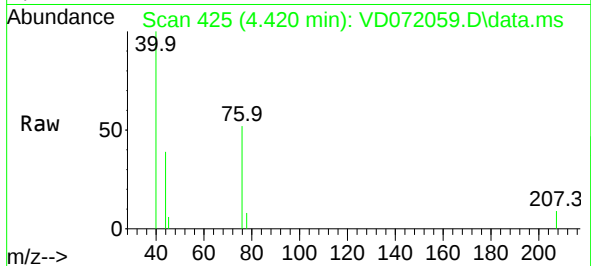




#17
Carbon Disulfide
Concen: 1.075 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

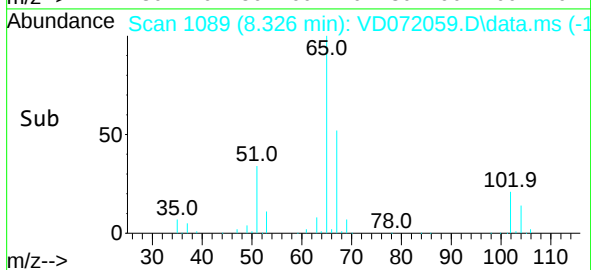
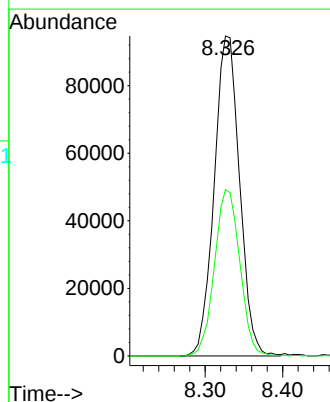
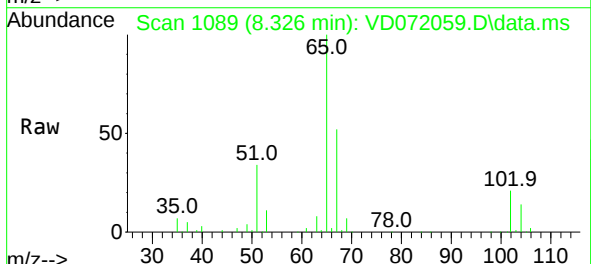
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

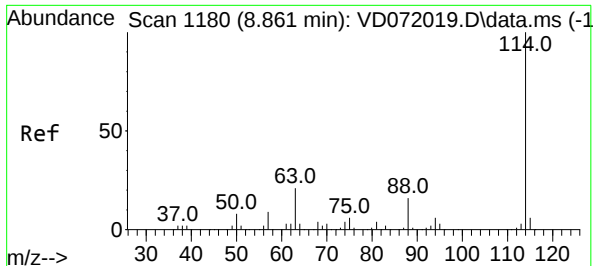
Tgt Ion: 76 Resp: 3825
Ion Ratio Lower Upper
76 100
78 15.5 6.7 10.1#



#33
1,2-Dichloroethane-d4
Concen: 57.906 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion: 65 Resp: 215387
Ion Ratio Lower Upper
65 100
67 52.0 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: VD072059.D

Acq: 22 Feb 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

CC-A5

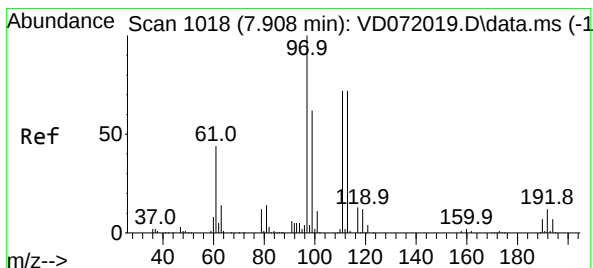
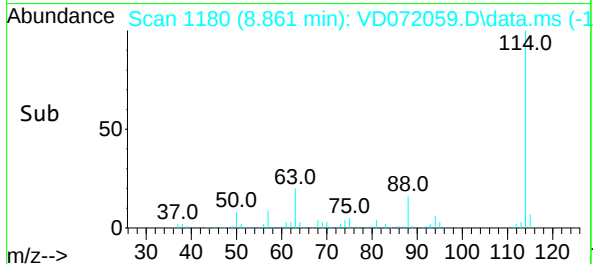
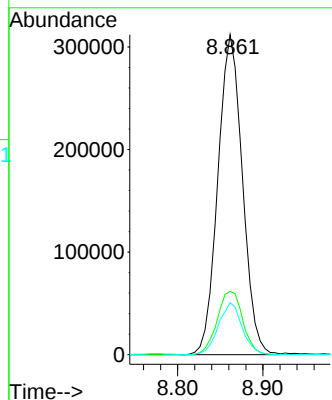
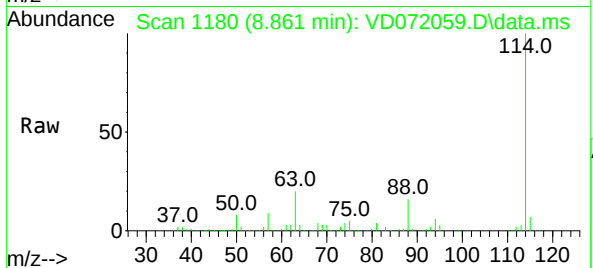
Tgt Ion:114 Resp: 623523

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

88 16.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 54.447 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072059.D

Acq: 22 Feb 2022 16:04

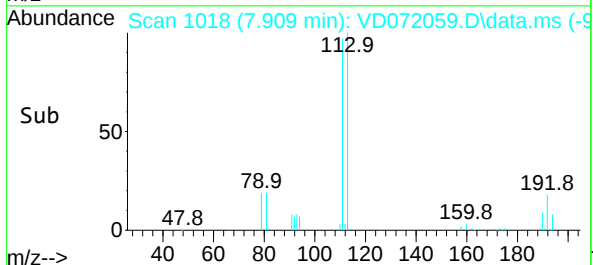
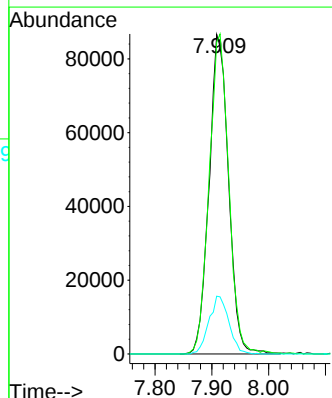
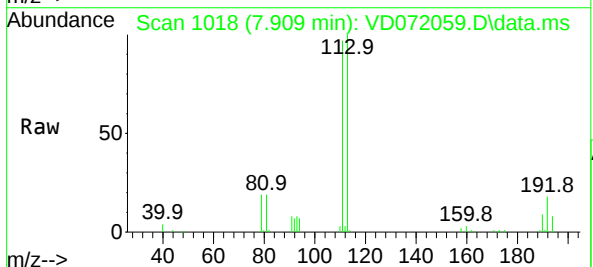
Tgt Ion:113 Resp: 205688

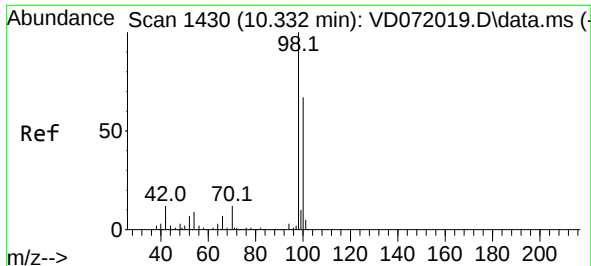
Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.4

192 18.5 15.3 22.9

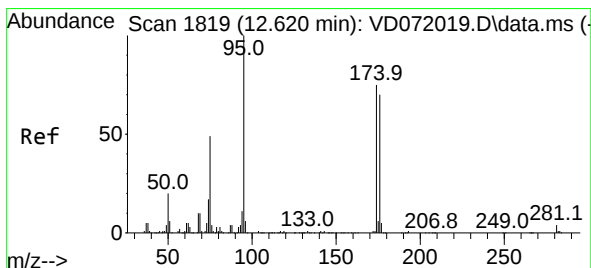
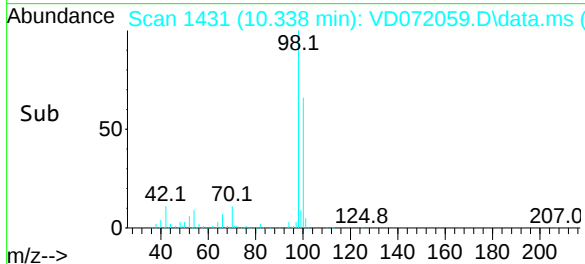
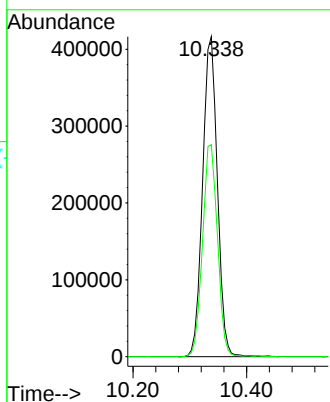
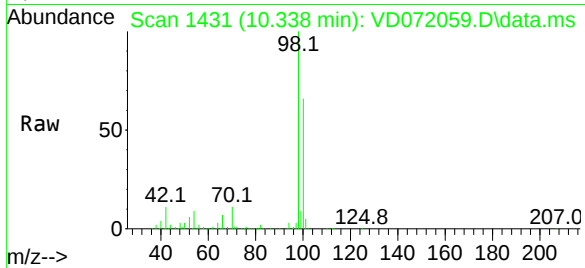




#50
Toluene-d8
Concen: 53.471 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

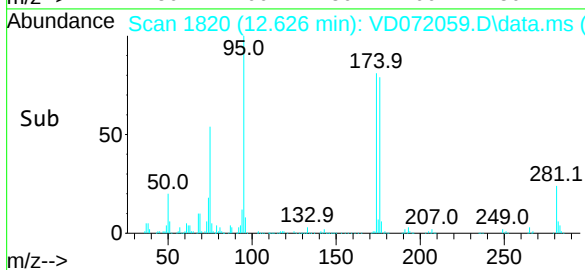
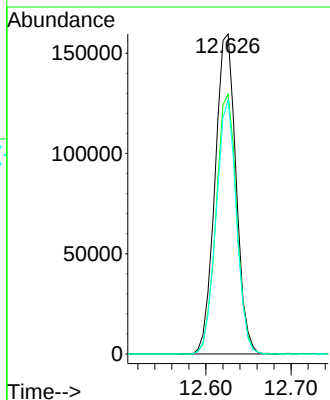
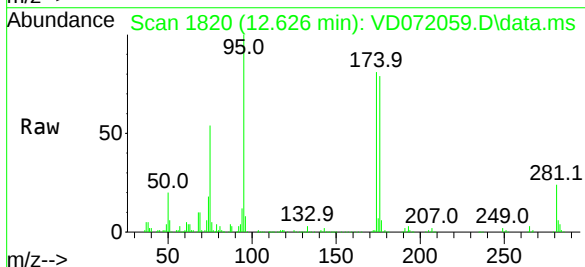
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ClientSampleId :
CC-A5

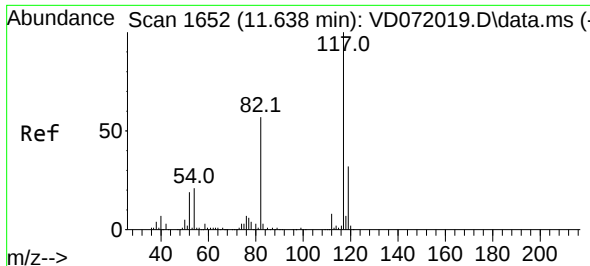
Tgt Ion: 98 Resp: 749093
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.236 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion: 95 Resp: 273956
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 76.4 0.0 148.8

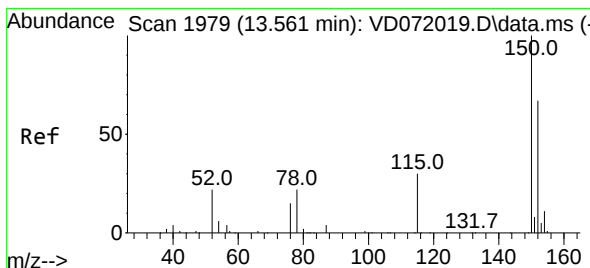
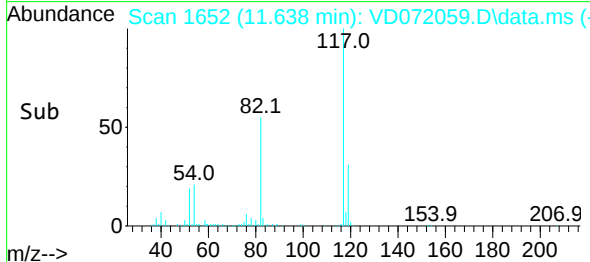
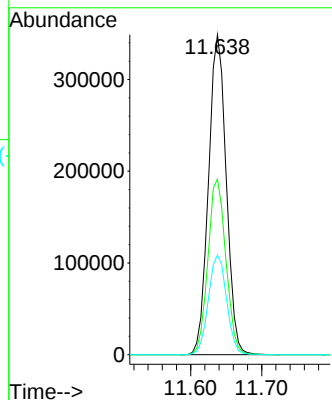
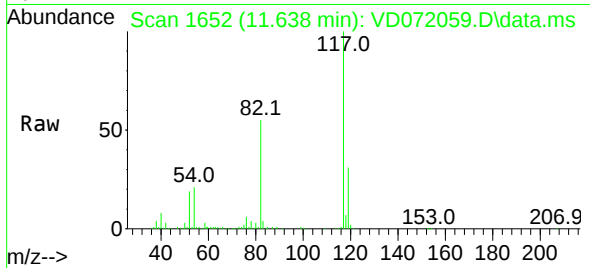




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. 0.000 min
Lab File: VD072059.D
Acq: 22 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
CC-A5

Tgt Ion:117 Resp: 605095
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.1 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: VD072059.D
Acq: 22 Feb 2022 16:04

Tgt Ion:152 Resp: 266265
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 157.1 0.0 347.6

