

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072064.D
 Acq On : 22 Feb 2022 18:25
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 23 05:32:18 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)

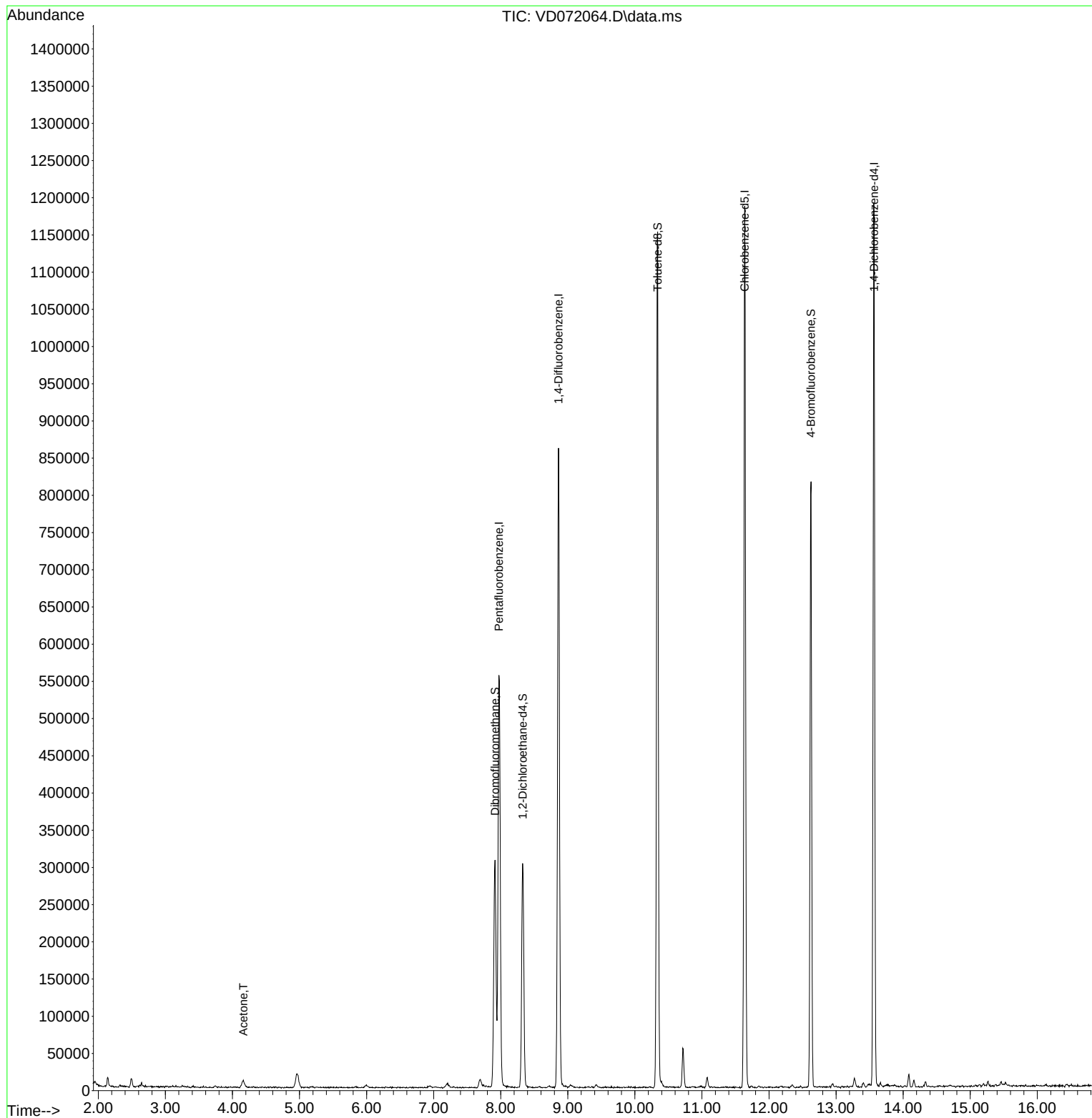
Internal Standards						
1) Pentafluorobenzene	7.973	168	413081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	723410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	682499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	316512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244047	56.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.914	113	221174	50.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.338	98	787861	48.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.626	95	268889	45.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.080%	
Target Compounds						
						Qvalue
5) Bromomethane	2.768	94	279	Below Cal		95
16) Acetone	4.162	43	17254	18.632 ug/l	#	88
18) Methyl Acetate	4.709	43	54	Below Cal	#	52

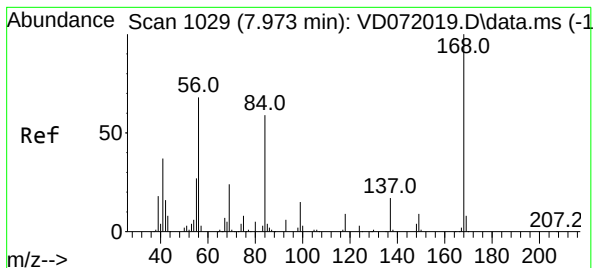
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

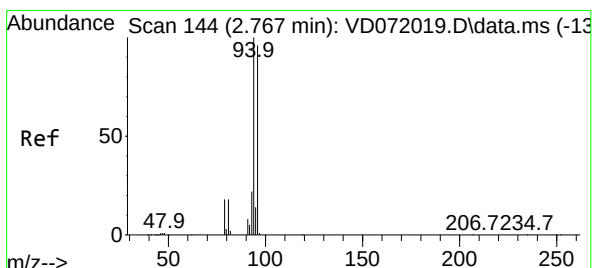
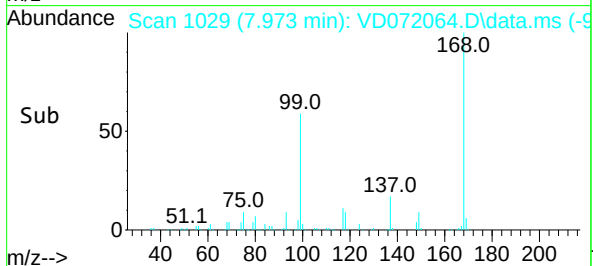
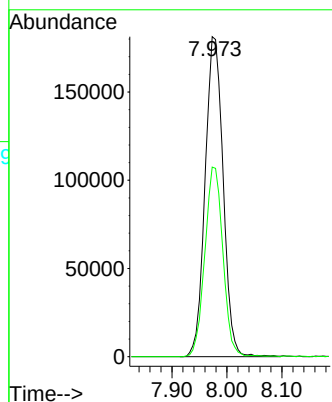
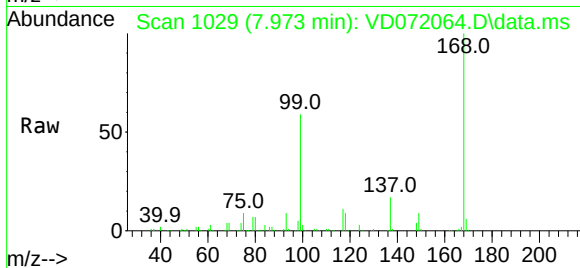
VIBLK

Tgt Ion:168 Resp: 413081

Ion Ratio Lower Upper

168 100

99 59.2 47.1 70.7



#5

Bromomethane

Concen: Below Cal

RT: 2.768 min Scan# 144

Delta R.T. 0.001 min

Lab File: VD072064.D

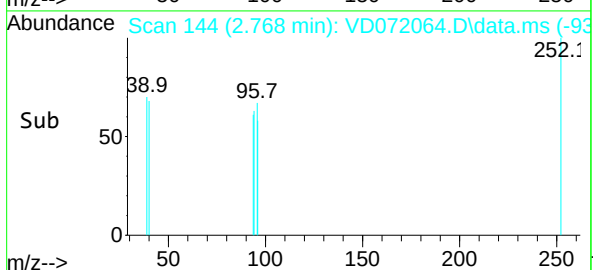
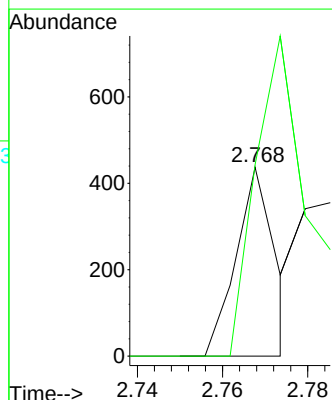
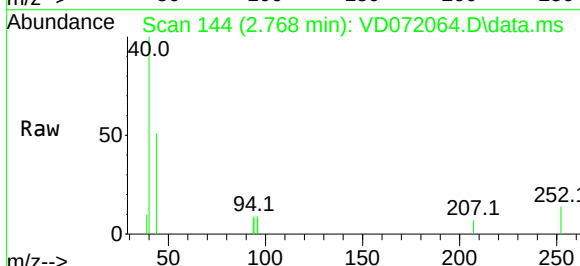
Acq: 22 Feb 2022 18:25

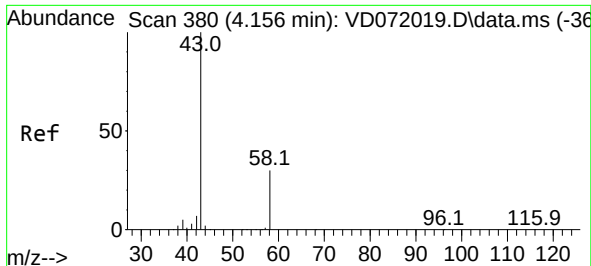
Tgt Ion: 94 Resp: 279

Ion Ratio Lower Upper

94 100

96 101.4 76.8 115.2

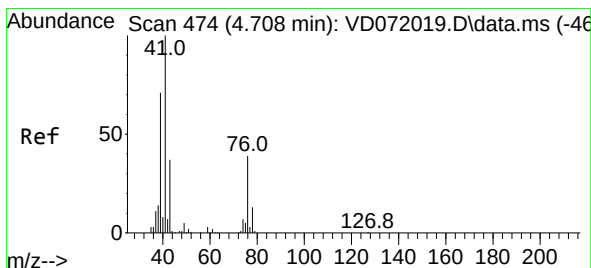
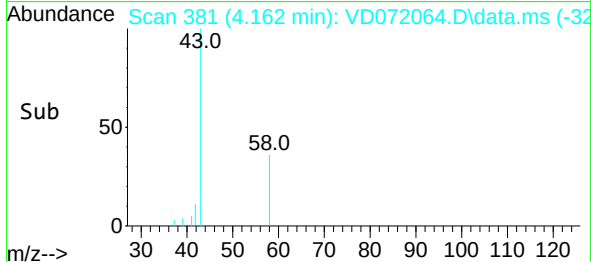
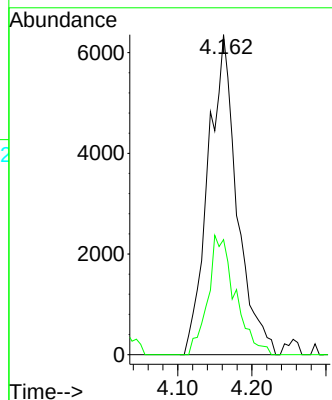
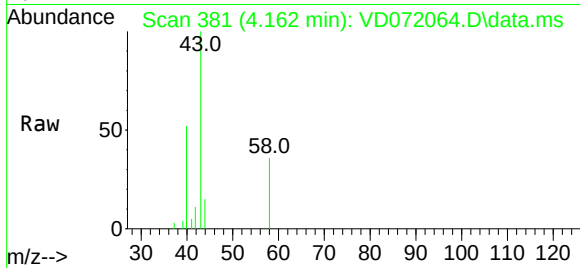




#16
Acetone
Concen: 18.632 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

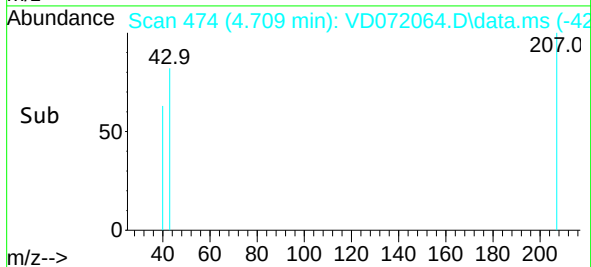
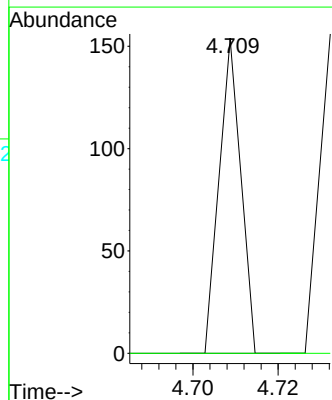
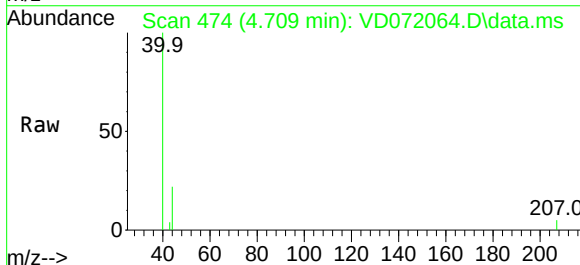
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

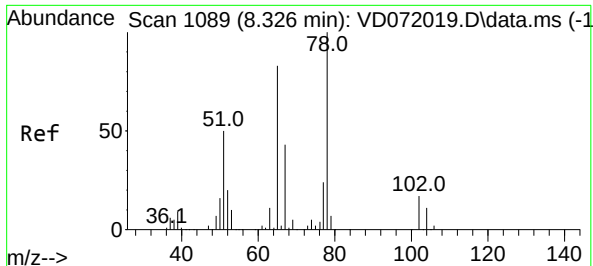
Tgt Ion: 43 Resp: 17254
Ion Ratio Lower Upper
43 100
58 35.9 23.8 35.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 56.956 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072064.D

Acq: 22 Feb 2022 18:25

Instrument :

MSVOA_D

ClientSampleId :

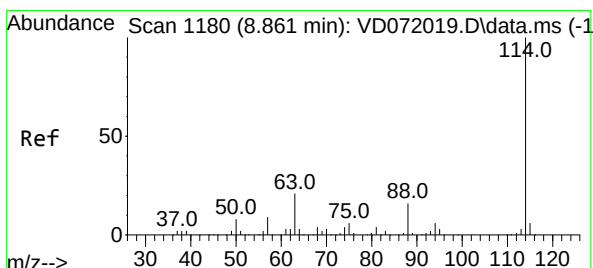
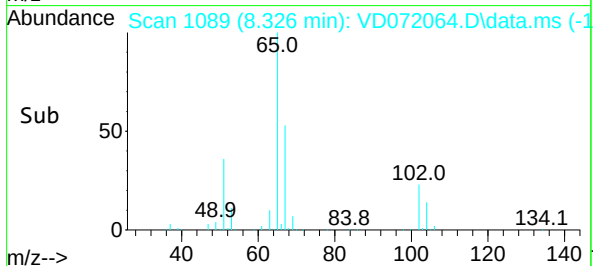
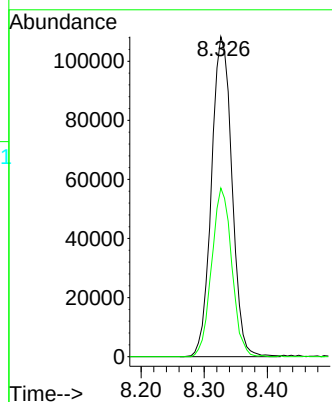
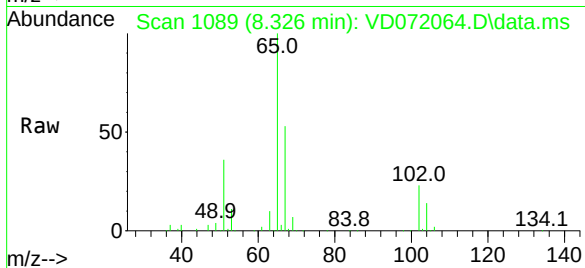
VIBLK

Tgt Ion: 65 Resp: 244047

Ion Ratio Lower Upper

65 100

67 51.7 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: VD072064.D

Acq: 22 Feb 2022 18:25

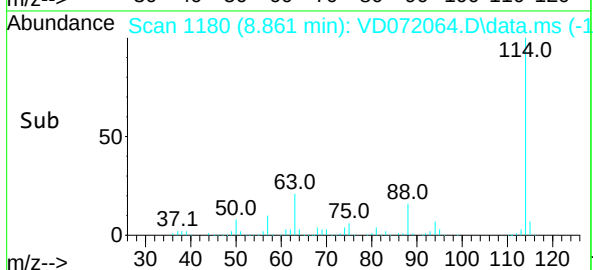
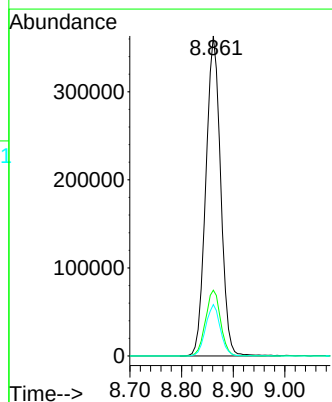
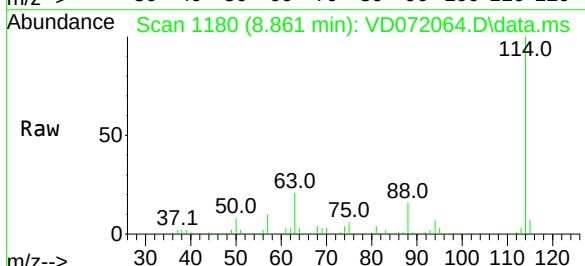
Tgt Ion: 114 Resp: 723410

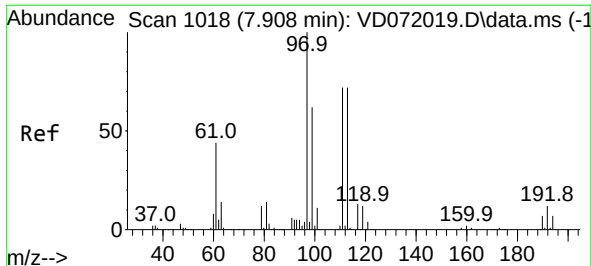
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.463 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072064.D

Acq: 22 Feb 2022 18:25

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

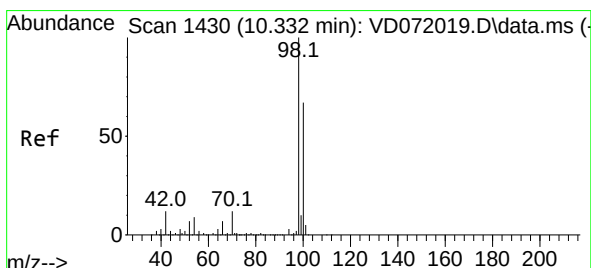
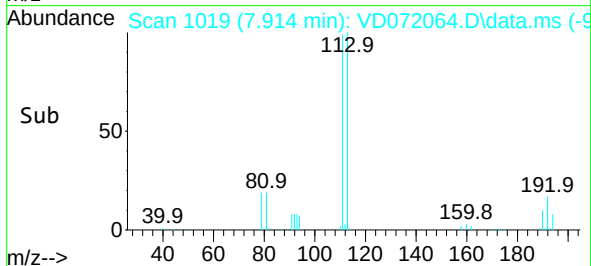
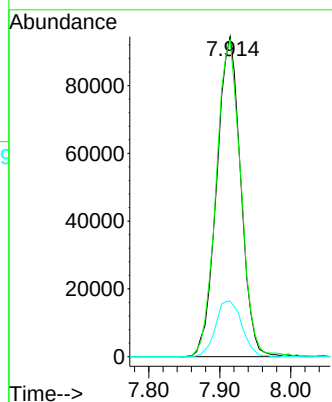
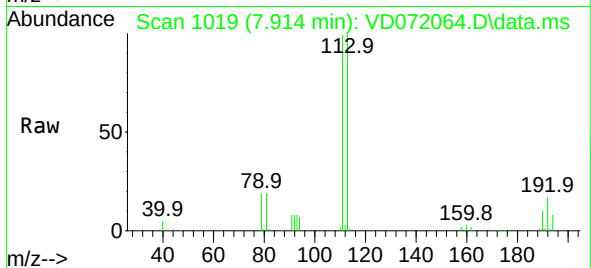
Tgt Ion:113 Resp: 221174

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 19.1 15.3 22.9



#50

Toluene-d8

Concen: 48.473 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072064.D

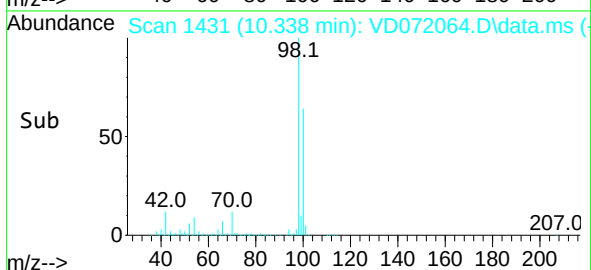
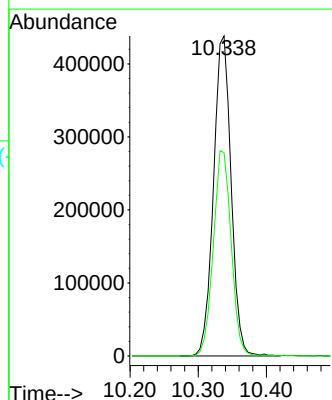
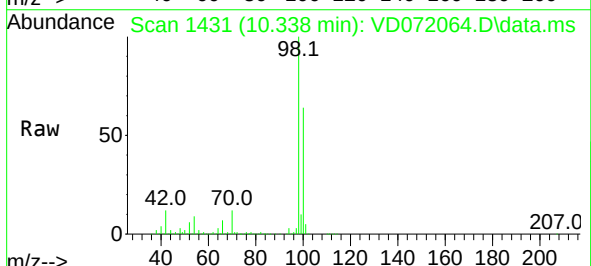
Acq: 22 Feb 2022 18:25

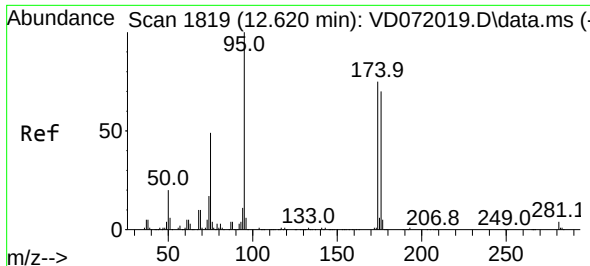
Tgt Ion: 98 Resp: 787861

Ion Ratio Lower Upper

98 100

100 65.2 53.8 80.6

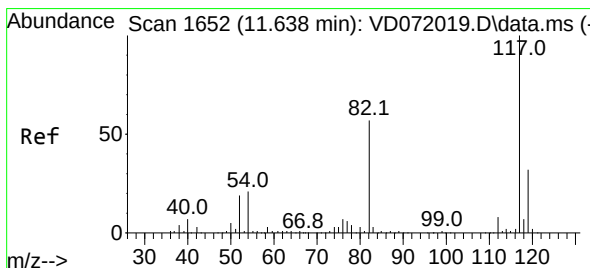
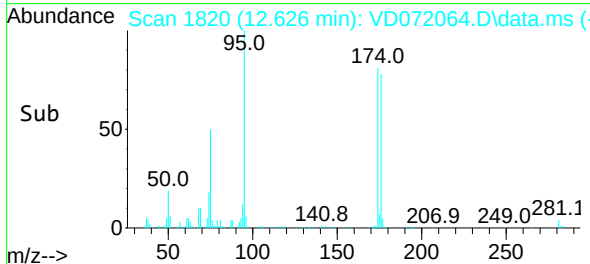
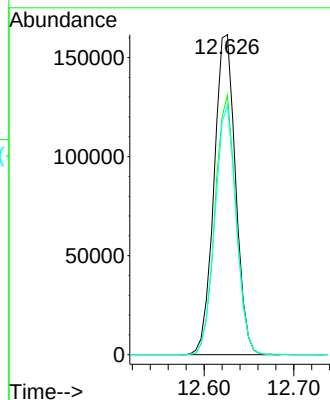
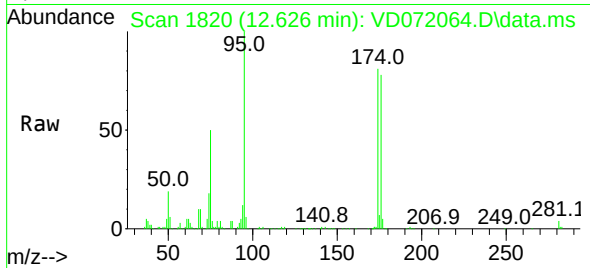




#62
4-Bromofluorobenzene
Concen: 45.037 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

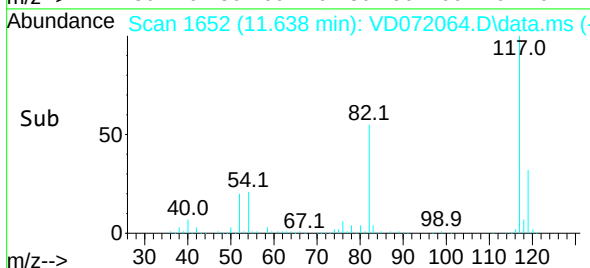
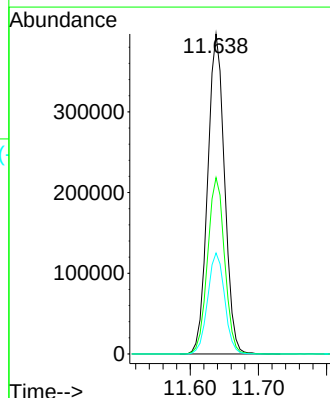
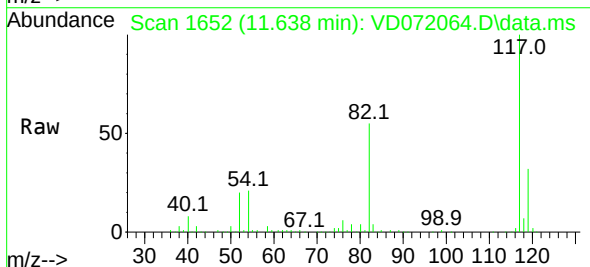
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

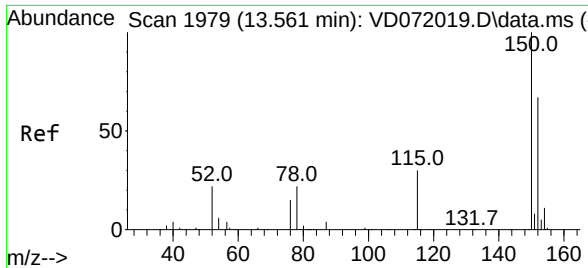
Tgt Ion: 95 Resp: 268889
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.8 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 117 Resp: 682499
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD072064.D
 Acq: 22 Feb 2022 18:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:152	Resp:	316512
Ion	Ratio	Lower Upper
152	100	
115	59.2	29.9 89.7
150	157.2	0.0 347.6

