

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063693.D
 Acq On : 20 Aug 2019 19:07
 Operator : JC/SY
 Sample : K4388-09
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-C-(2)

Quant Time: Aug 21 04:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

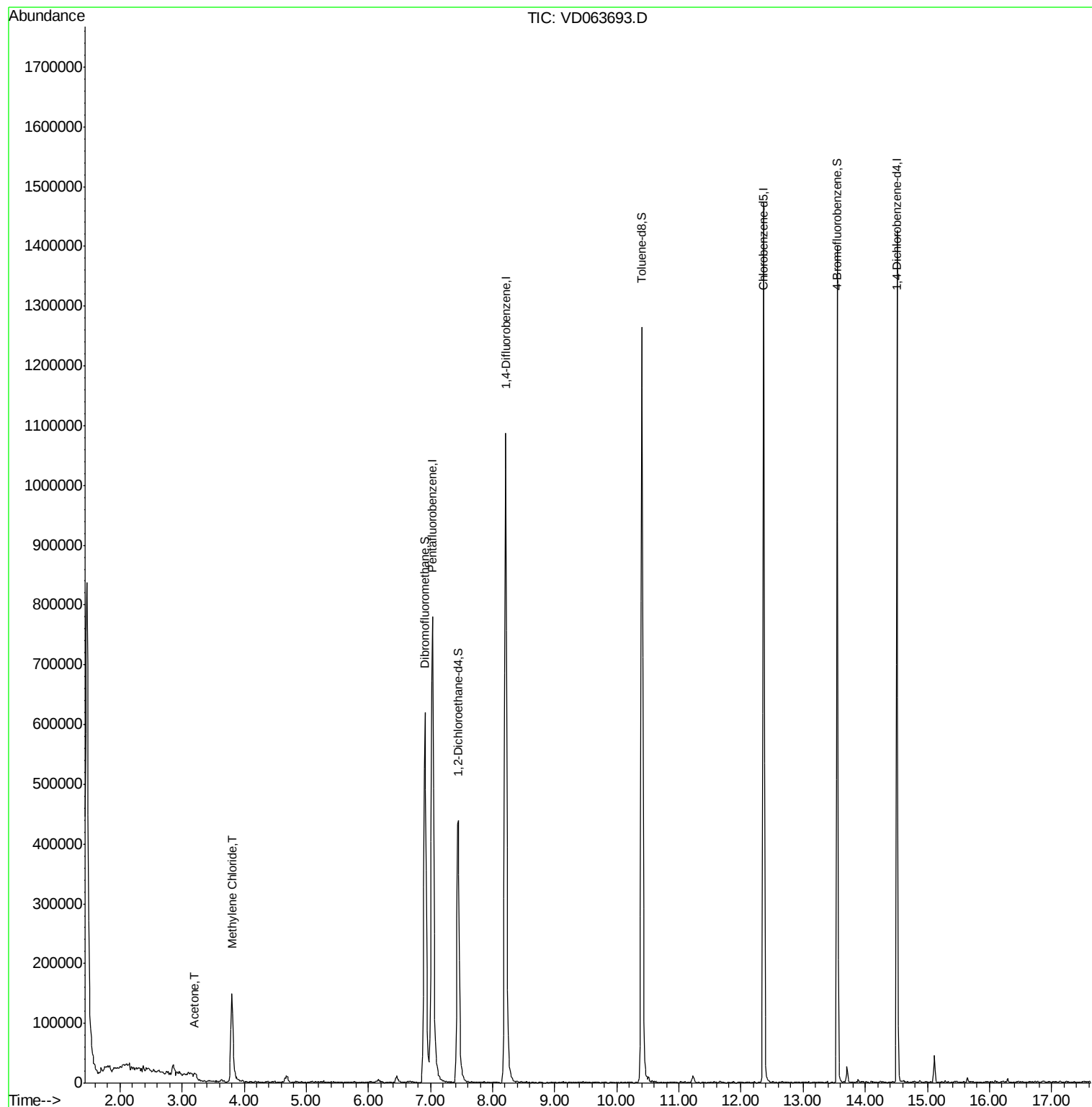
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	789432	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1193583	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	833430	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	294918	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	514207	60.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.88%	
35) Dibromofluoromethane	6.91	113	531617	52.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	10.40	98	1028875	46.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	13.55	95	371861	37.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
16) Acetone	3.20	43	31016	18.081	ug/l	97
20) Methylene Chloride	3.80	84	93694	12.632	ug/l	97

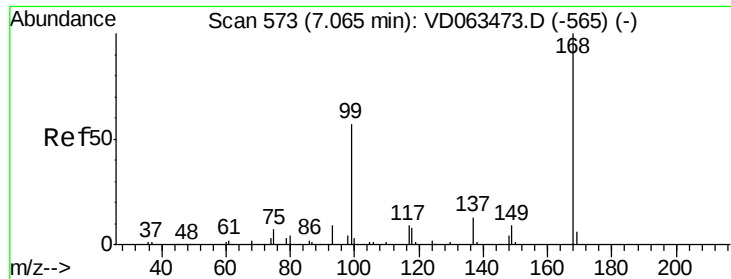
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063693.D

Acq: 20 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

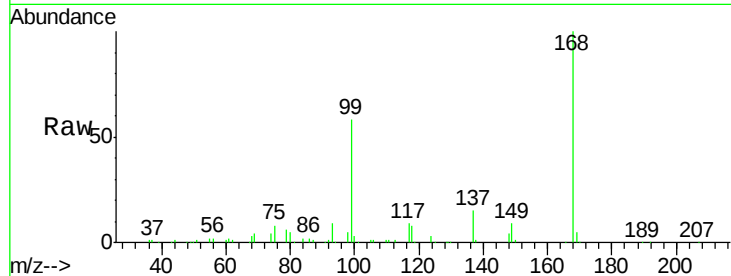
T4-C-(2)

Tot Ion:168 Resp: 789432

Ion Ratio Lower Upper

168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

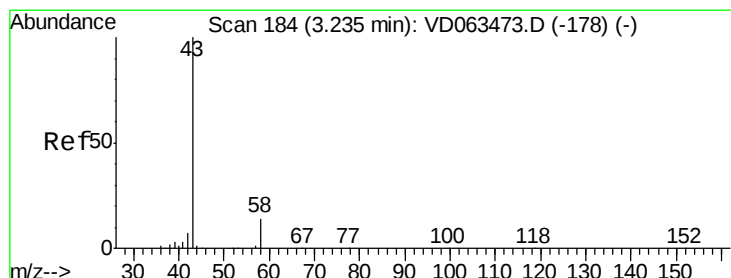
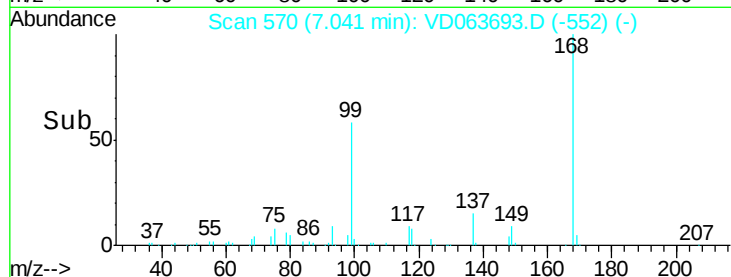
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.081 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD063693.D

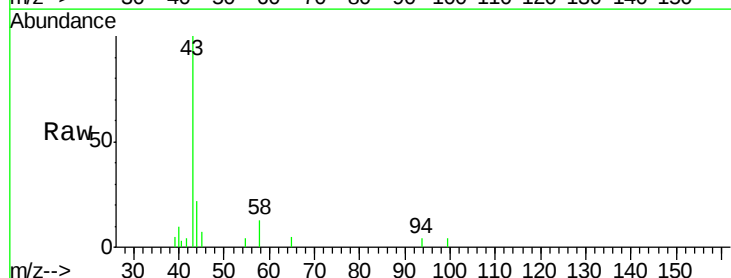
Acq: 20 Aug 2019 19:07

Tgt Ion: 43 Resp: 31016

Ion Ratio Lower Upper

43 100

58 13.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

10000

8000

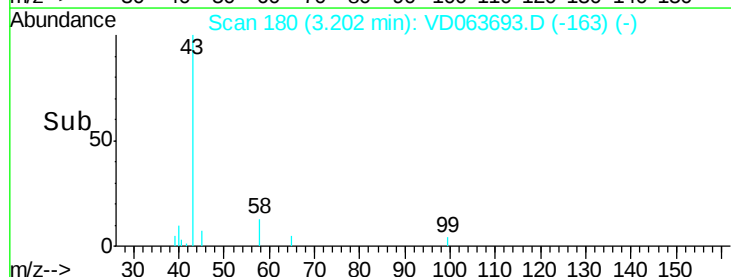
6000

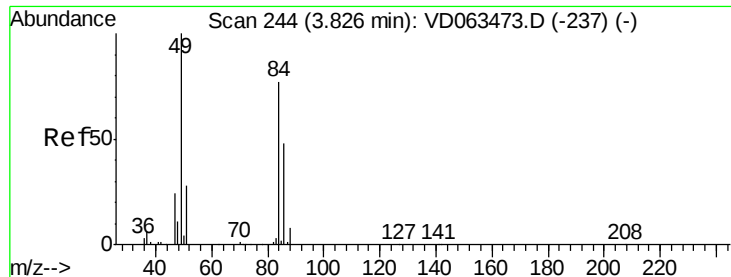
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 12.632 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD063693.D

Acq: 20 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

T4-C-(2)

Tot Ion: 84 Resp: 93694

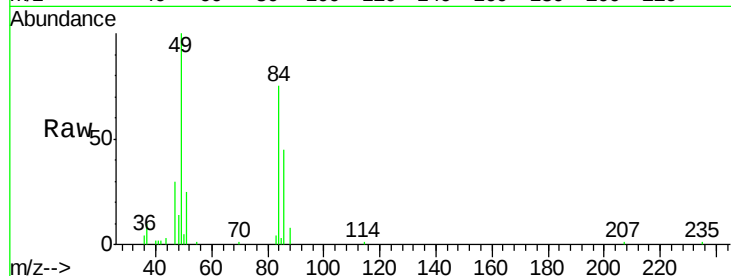
Ion Ratio Lower Upper

84 100

49 133.9 103.4 155.2

51 33.9 28.5 42.7

86 59.6 49.4 74.2

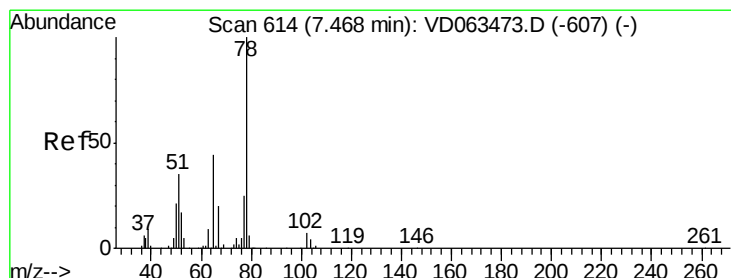
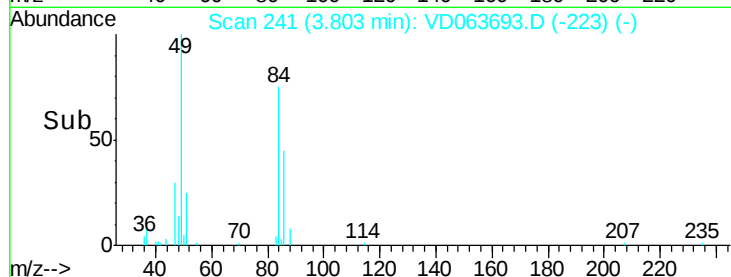
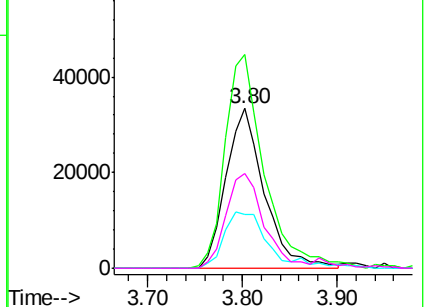


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 60.936 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063693.D

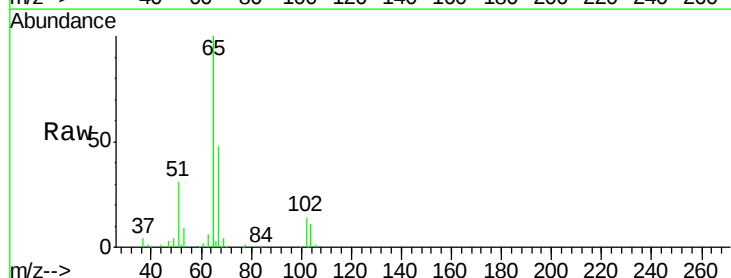
Acq: 20 Aug 2019 19:07

Tgt Ion: 65 Resp: 514207

Ion Ratio Lower Upper

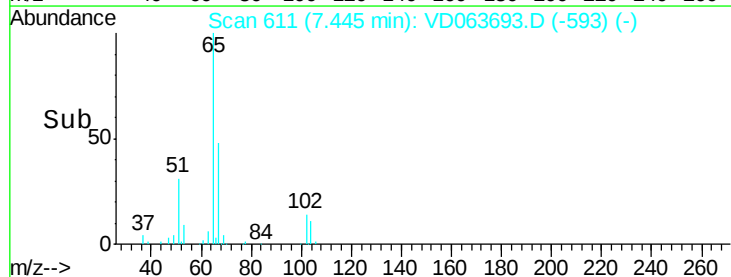
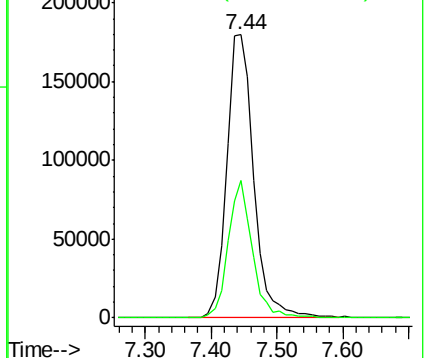
65 100

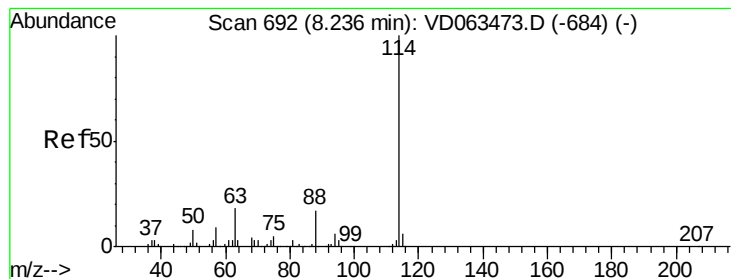
67 48.4 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063693.D

Acq: 20 Aug 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

T4-C-(2)

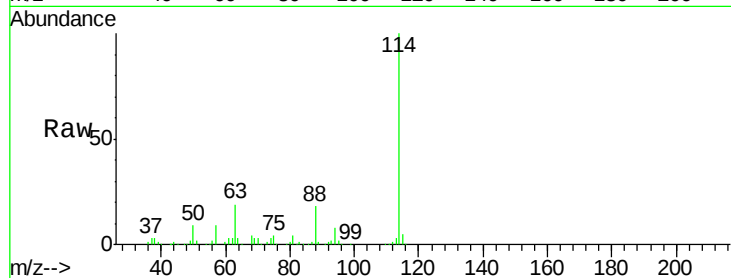
Tot Ion:114 Resp: 1193583

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.2

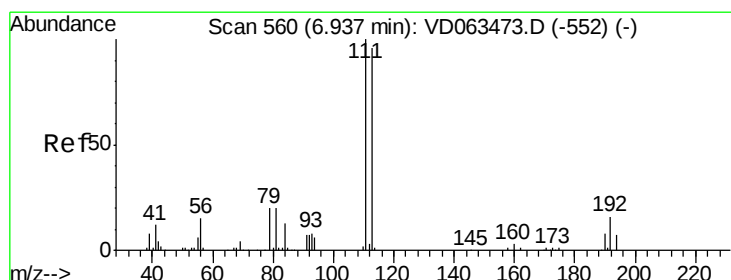
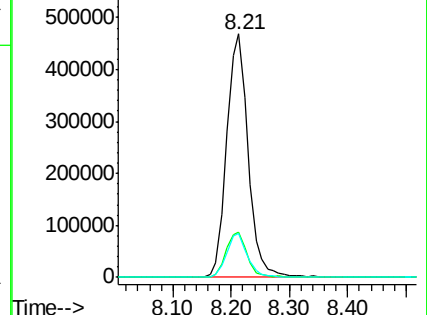
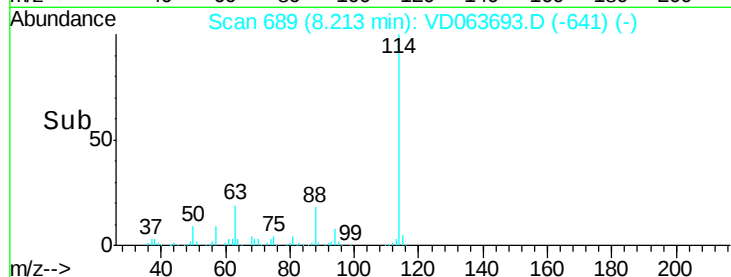
88 18.0 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.884 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063693.D

Acq: 20 Aug 2019 19:07

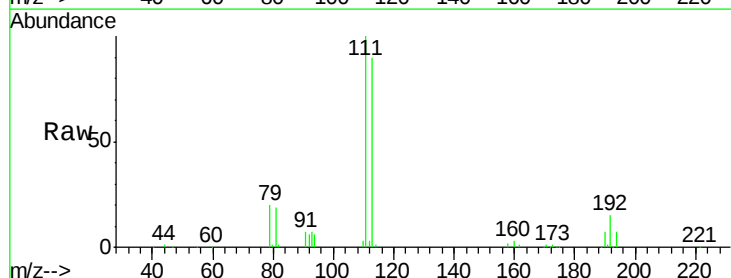
Tgt Ion:113 Resp: 531617

Ion Ratio Lower Upper

113 100

111 111.6 83.1 124.7

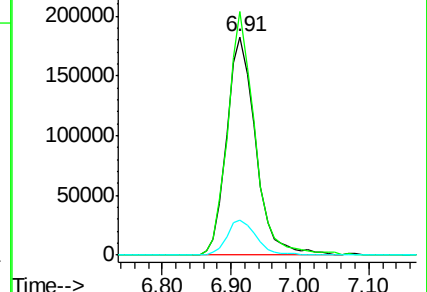
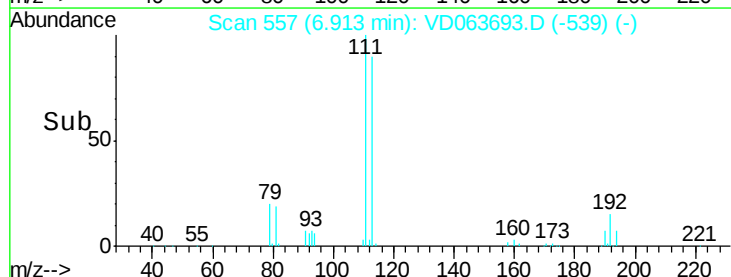
192 16.3 13.1 19.7

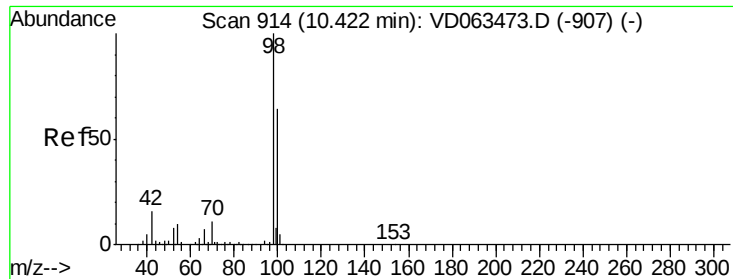


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

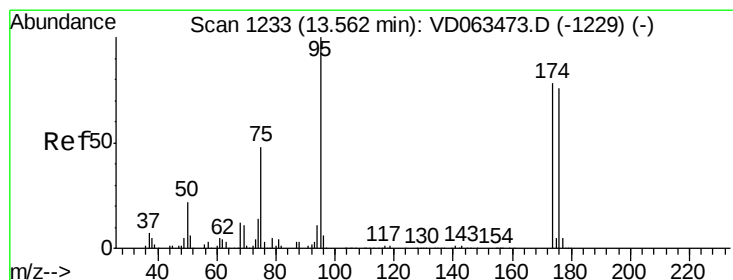
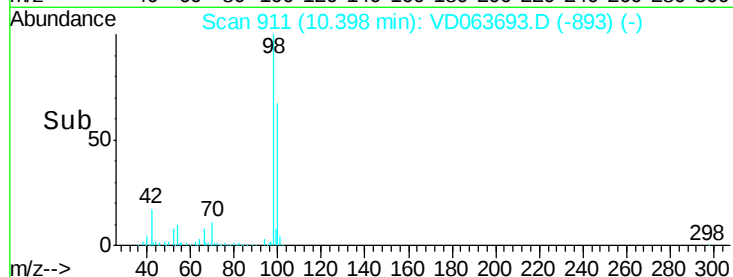
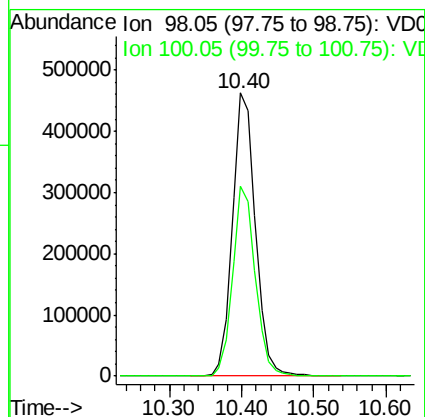
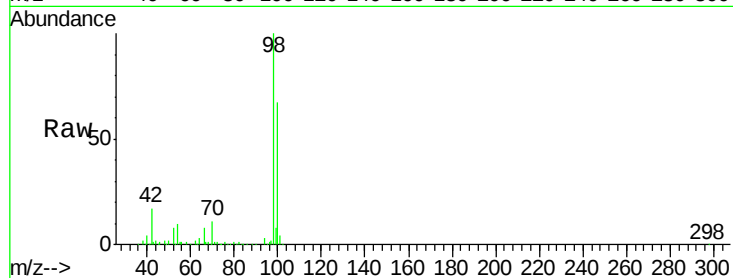




#50
Toluene-d8
Concen: 46.554 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063693.D
Acq: 20 Aug 2019 19:07

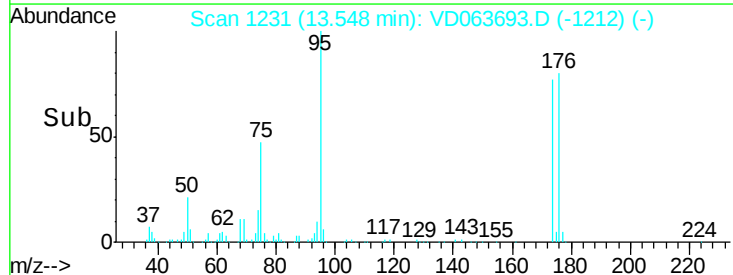
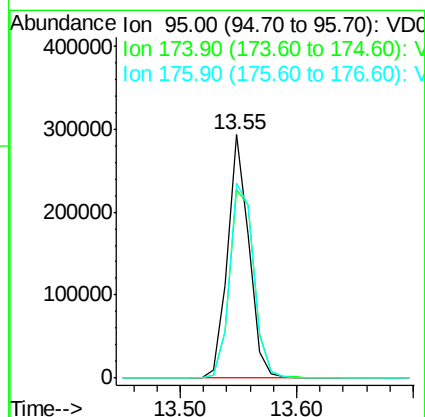
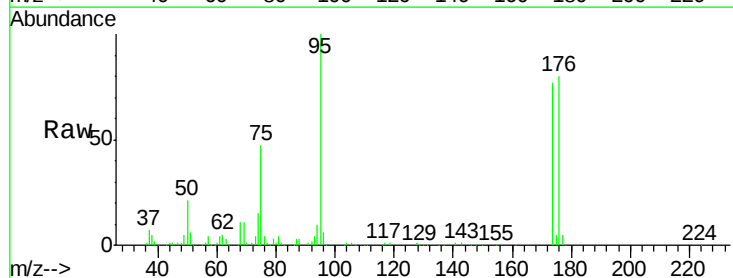
Instrument :
MSVOA_D
ClientSampled :
T4-C-(2)

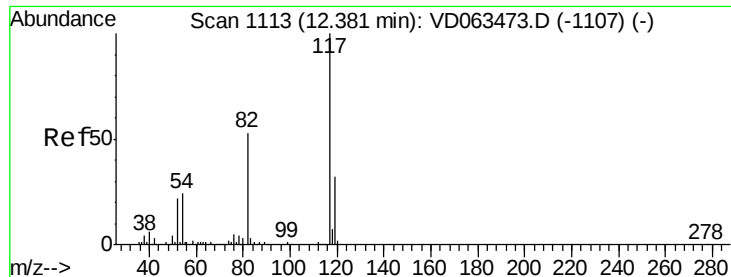
Tot Ion: 98 Resp: 1028875
Ion Ratio Lower Upper
98 100
100 67.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 37.123 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063693.D
Acq: 20 Aug 2019 19:07

Tgt Ion: 95 Resp: 371861
Ion Ratio Lower Upper
95 100
174 77.2 0.0 155.4
176 80.0 0.0 152.4

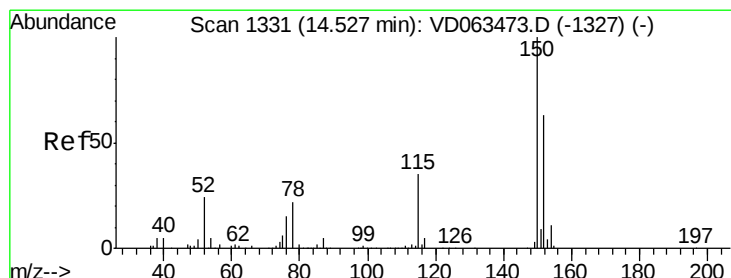
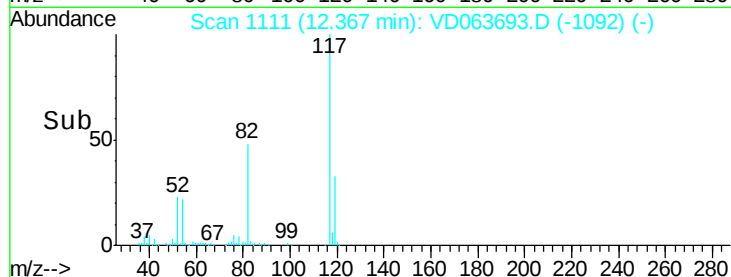
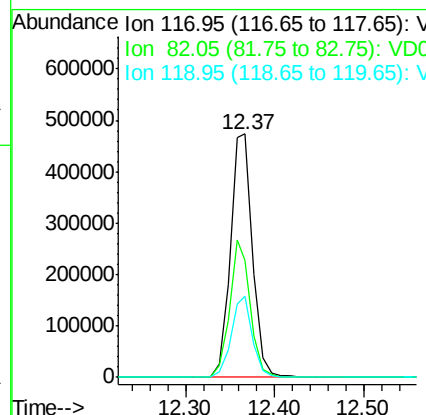
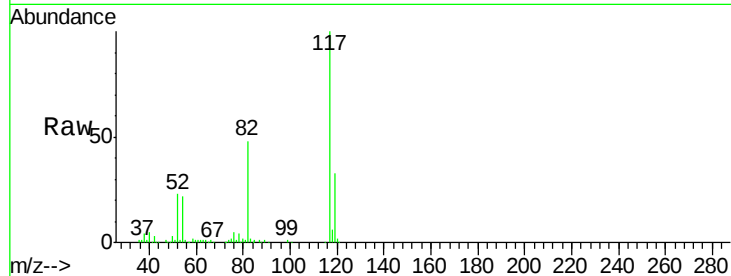




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063693.D
Acq: 20 Aug 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
T4-C-(2)

Tot Ion:117 Resp: 833430
Ion Ratio Lower Upper
117 100
82 48.1 42.0 63.0
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063693.D
Acq: 20 Aug 2019 19:07

Tgt Ion:152 Resp: 294918
Ion Ratio Lower Upper
152 100
115 55.7 30.9 92.7
150 155.6 0.0 318.6

