

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063662.D
 Acq On : 19 Aug 2019 17:18
 Operator : JC/SY
 Sample : K4385-18
 Misc : 5.75g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-D-(2)

Quant Time: Aug 20 08:52:41 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

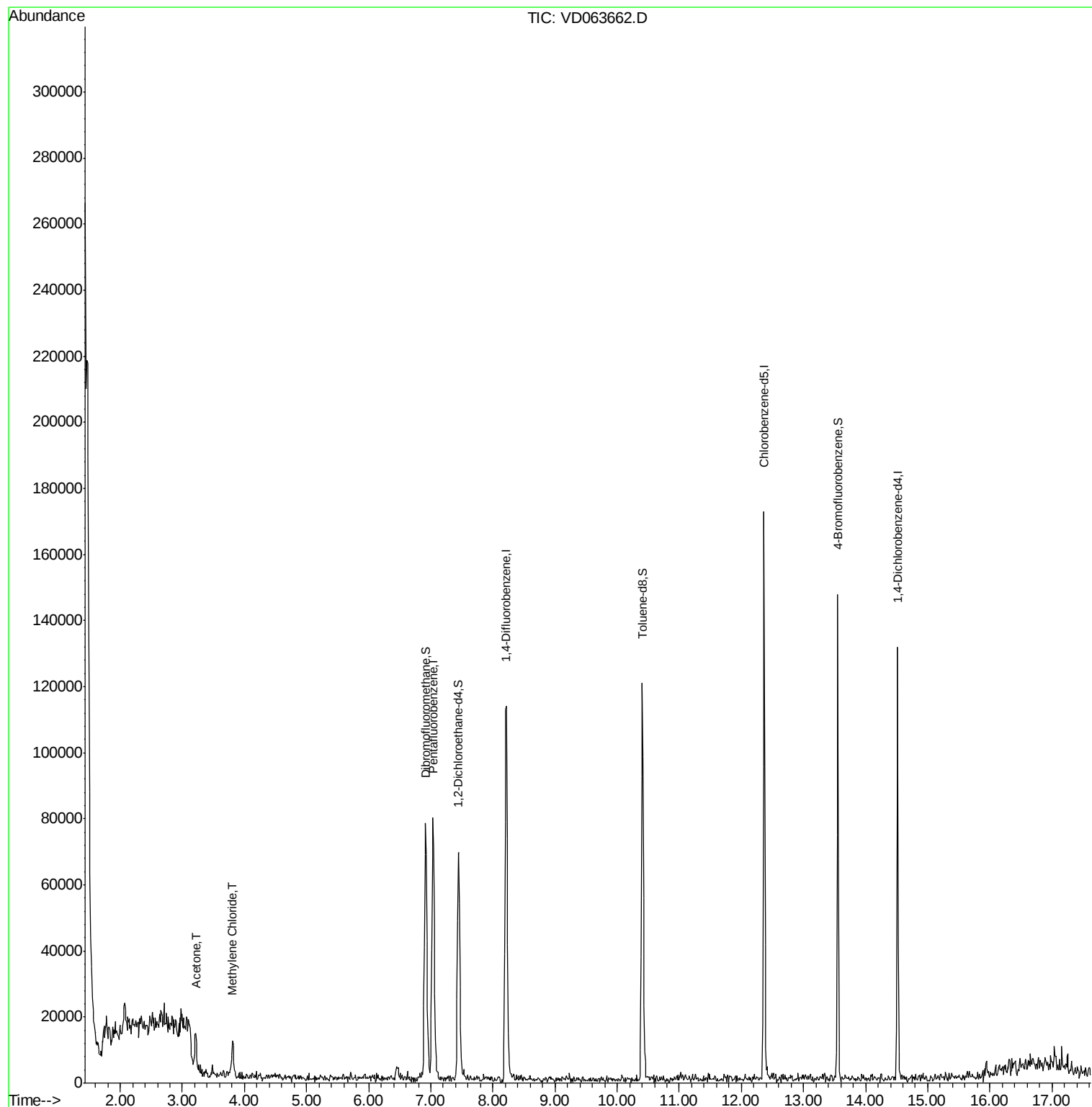
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	78222	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	129626	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	87303	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	30167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	80718	96.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	193.08%	
35) Dibromofluoromethane	6.92	113	64736	59.30	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.60%	
50) Toluene-d8	10.40	98	98540	41.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.12%	
62) 4-Bromofluorobenzene	13.55	95	35249	32.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.80%	
Target Compounds						
16) Acetone	3.21	43	17839	104.954	ug/l	96
20) Methylene Chloride	3.81	84	5035	6.851	ug/l #	90

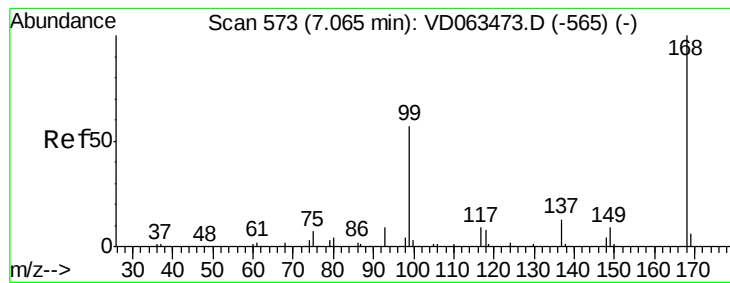
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063662.D

Acq: 19 Aug 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

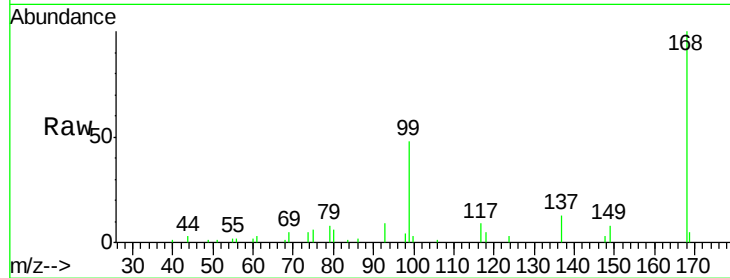
T8-D-(2)

Tot Ion:168 Resp: 78222

Ion Ratio Lower Upper

168 100

99 48.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

30000

25000

20000

15000

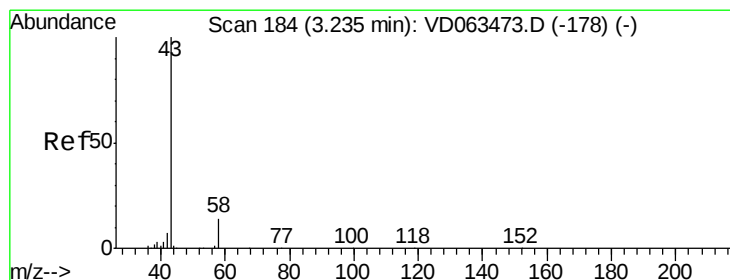
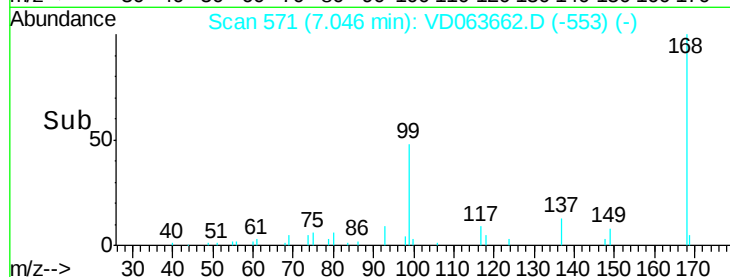
10000

5000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 104.954 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063662.D

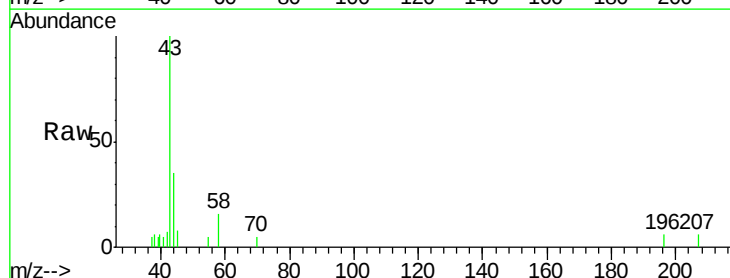
Acq: 19 Aug 2019 17:18

Tgt Ion: 43 Resp: 17839

Ion Ratio Lower Upper

43 100

58 15.8 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

8000

6000

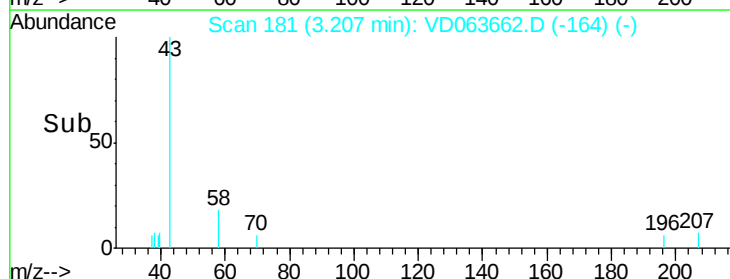
4000

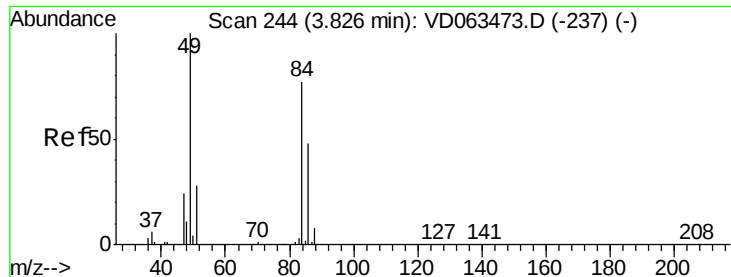
2000

0

Time-->

3.10 3.15 3.20 3.25 3.30





#20

Methylene Chloride

Concen: 6.851 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063662.D

Acq: 19 Aug 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

T8-D-(2)

Tot Ion: 84 Resp: 5035

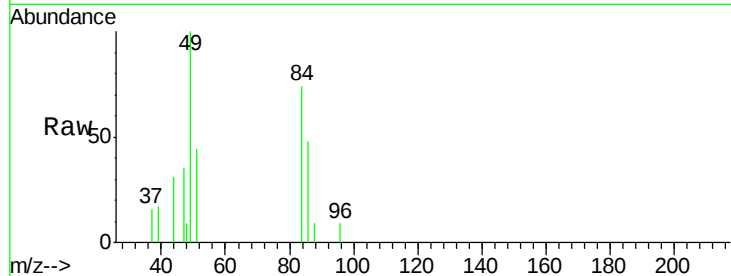
Ion Ratio Lower Upper

84 100

49 135.0 103.4 155.2

51 58.9 28.5 42.7#

86 64.5 49.4 74.2

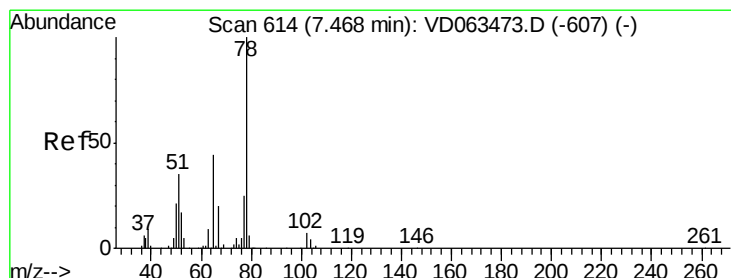
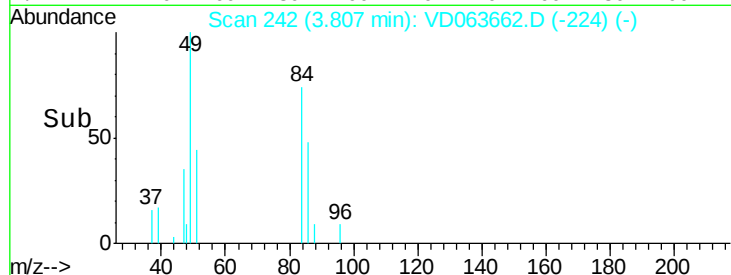
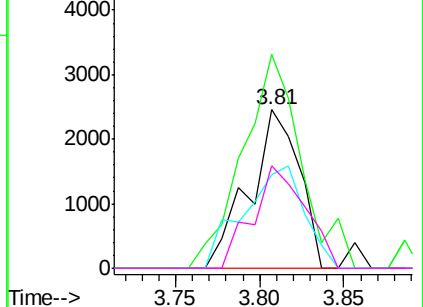


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 96.537 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063662.D

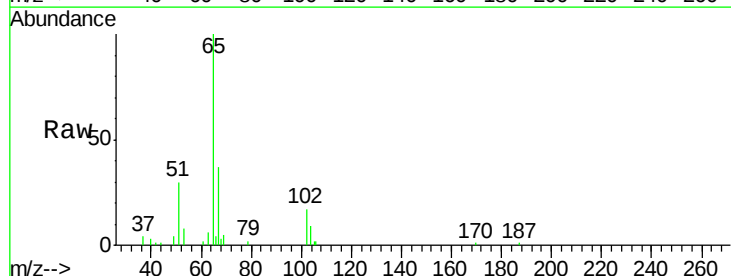
Acq: 19 Aug 2019 17:18

Tgt Ion: 65 Resp: 80718

Ion Ratio Lower Upper

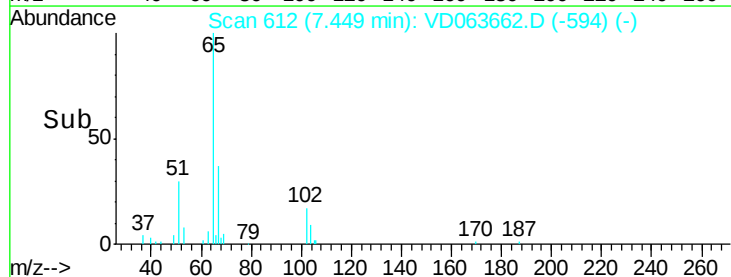
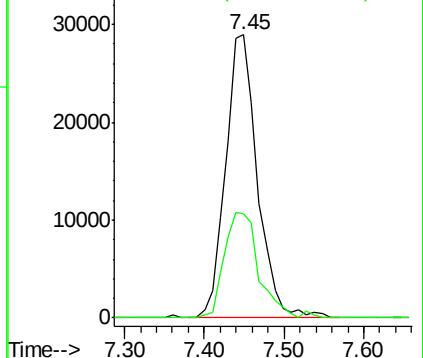
65 100

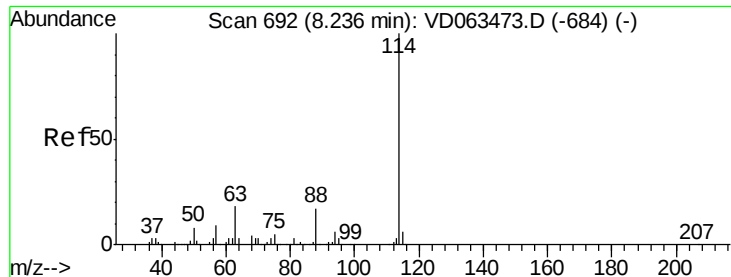
67 37.0 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063662.D

Acq: 19 Aug 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

T8-D-(2)

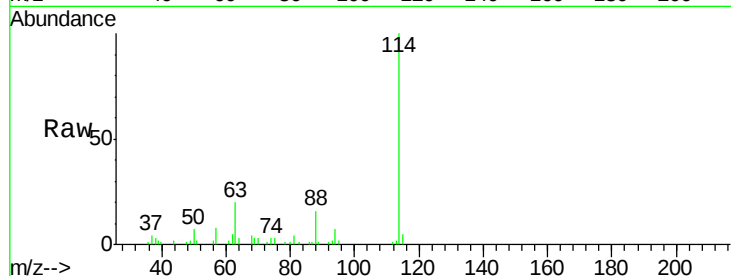
Tot Ion:114 Resp: 129626

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.2

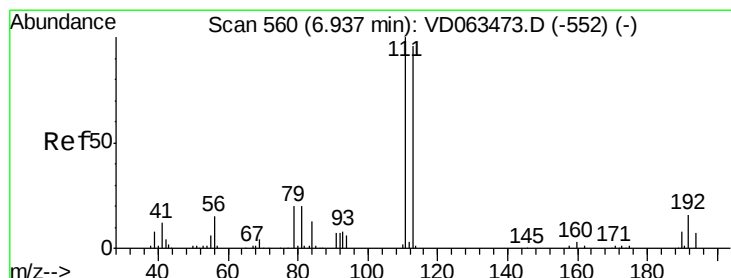
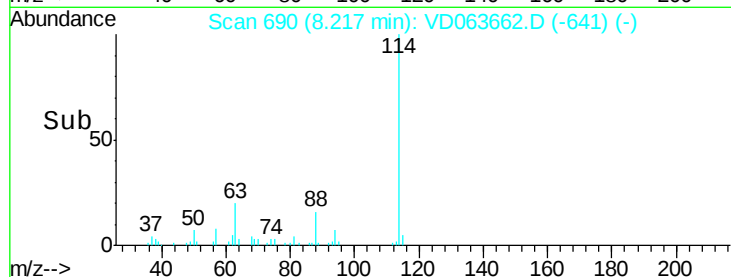
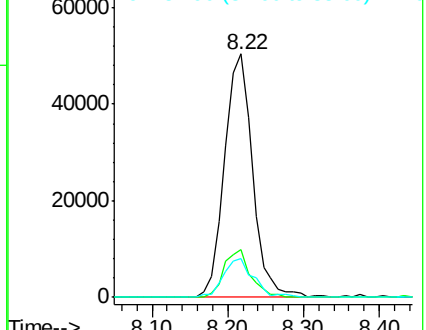
88 16.1 0.0 35.0



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: 59.297 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063662.D

Acq: 19 Aug 2019 17:18

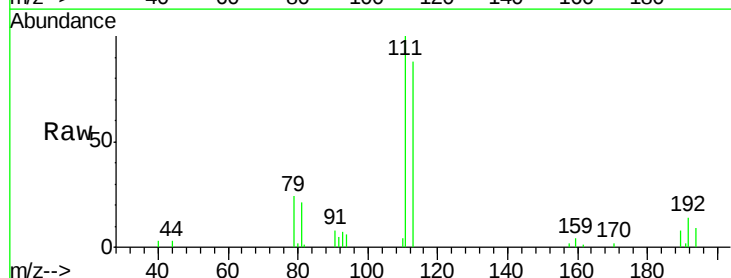
Tgt Ion:113 Resp: 64736

Ion Ratio Lower Upper

113 100

111 113.5 83.1 124.7

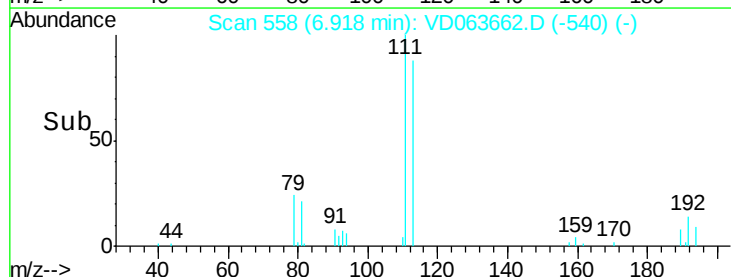
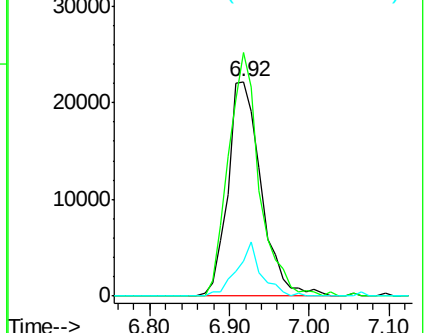
192 16.0 13.1 19.7

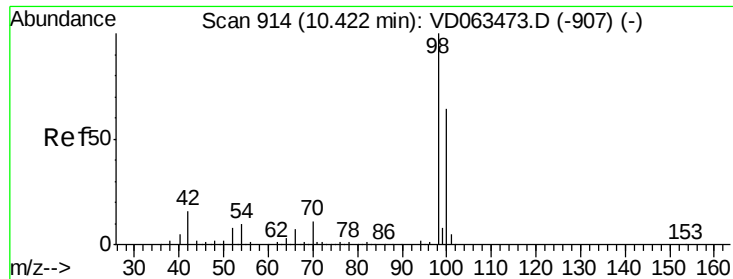


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 41.055 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063662.D

Acq: 19 Aug 2019 17:18

Instrument :

MSVOA_D

ClientSampled :

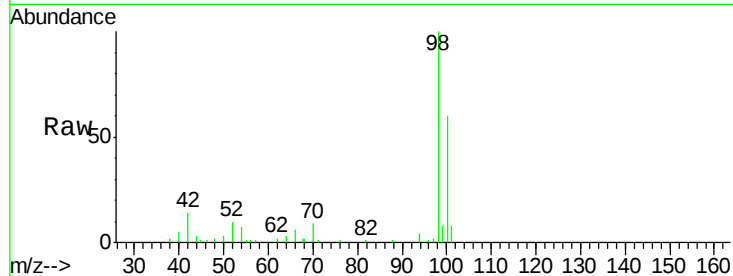
T8-D-(2)

Tot Ion: 98 Resp: 98540

Ion Ratio Lower Upper

98 100

100 60.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40

50000

40000

30000

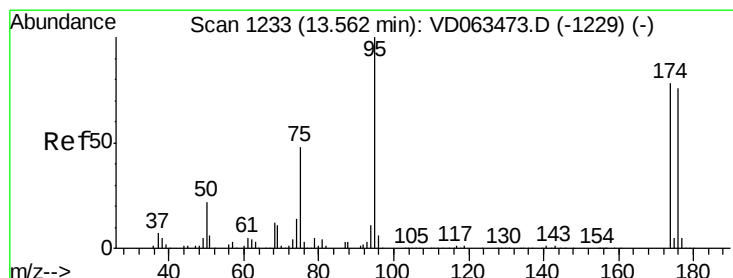
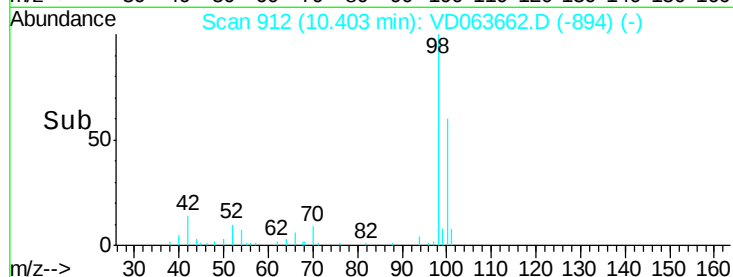
20000

10000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 32.402 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063662.D

Acq: 19 Aug 2019 17:18

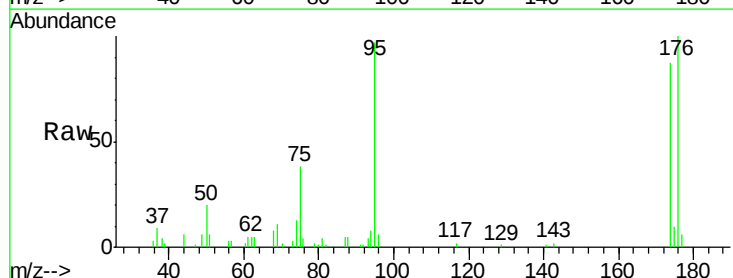
Tgt Ion: 95 Resp: 35249

Ion Ratio Lower Upper

95 100

174 89.4 0.0 155.4

176 103.2 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

40000

30000

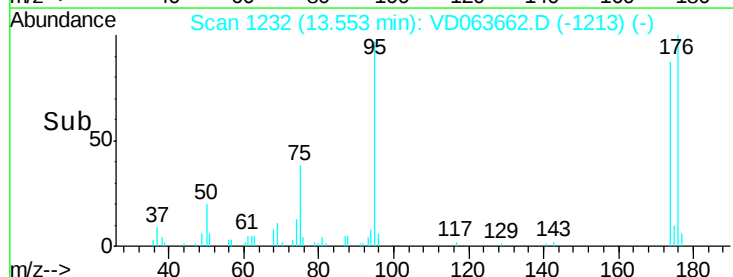
20000

10000

0

Time-->

13.50 13.55 13.60

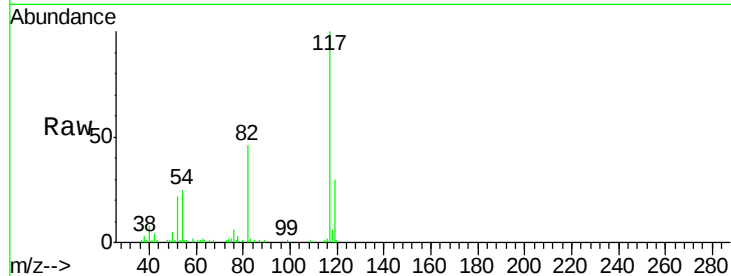




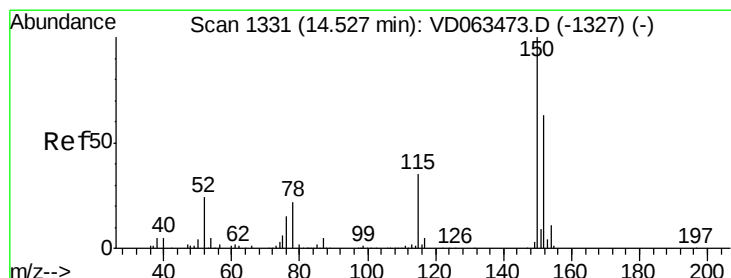
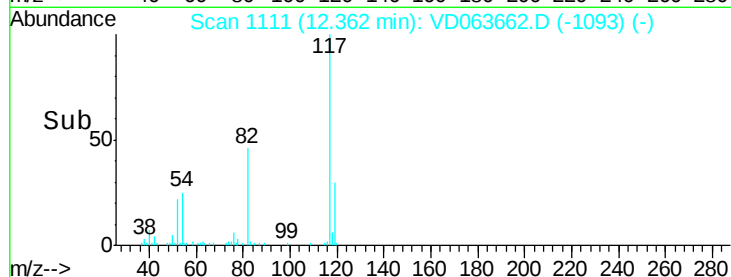
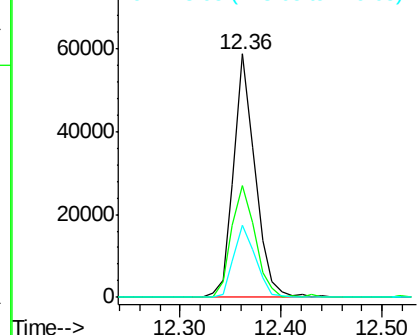
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063662.D
Acq: 19 Aug 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
T8-D-(2)

Tot Ion:117 Resp: 87303
Ion Ratio Lower Upper
117 100
82 45.8 42.0 63.0
119 29.8 25.4 38.0

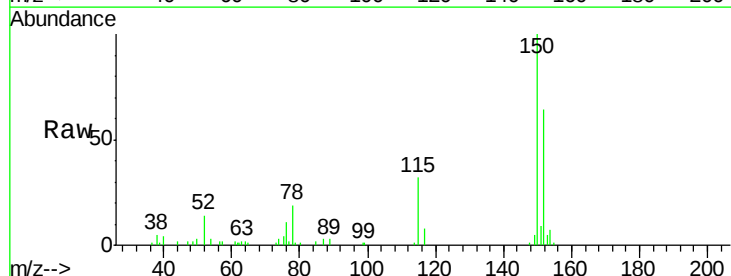


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063662.D
Acq: 19 Aug 2019 17:18

Tgt Ion:152 Resp: 30167
Ion Ratio Lower Upper
152 100
115 50.6 30.9 92.7
150 156.4 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

