

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063766.D
 Acq On : 23 Aug 2019 15:11
 Operator : JC/SY
 Sample : K4450-04
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-(A-C)

Quant Time: Aug 26 01:36:22 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

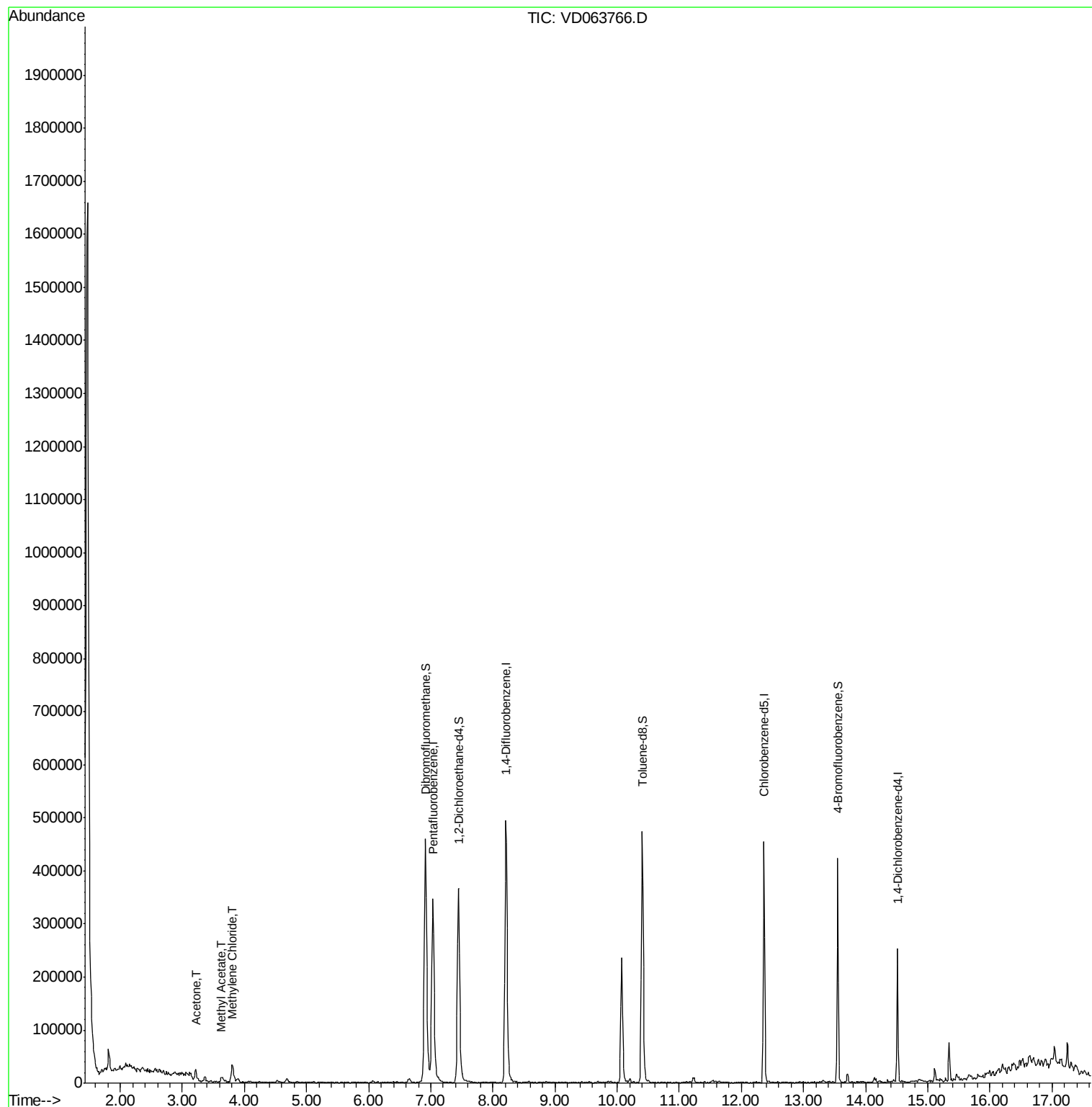
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	341633	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	554579	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	245871	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	57096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	427511	117.07	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	234.14%	
35) Dibromofluoromethane	6.92	113	401515	85.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	171.92%	
50) Toluene-d8	10.40	98	402758	39.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.44%	
62) 4-Bromofluorobenzene	13.55	95	109576	23.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.08%	
Target Compounds						
16) Acetone	3.22	43	34958	47.092	ug/l #	92
18) Methyl Acetate	3.63	43	18807	13.375	ug/l	99
20) Methylene Chloride	3.80	84	21010	6.545	ug/l #	75

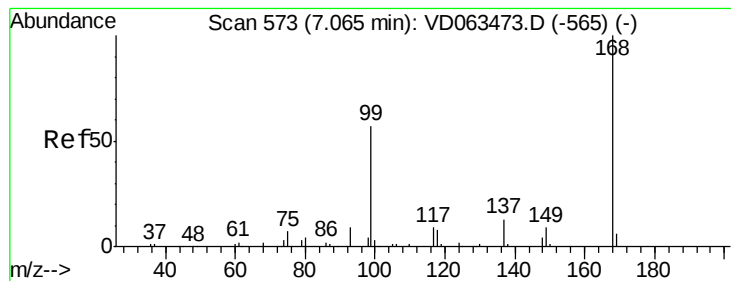
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063766.D

Acq: 23 Aug 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

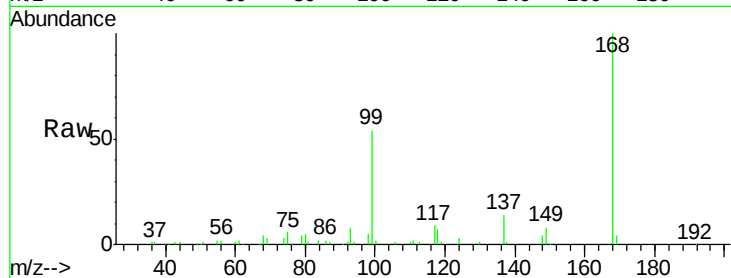
WC-(A-C)

Tot Ion:168 Resp: 341633

Ion Ratio Lower Upper

168 100

99 54.3 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

150000

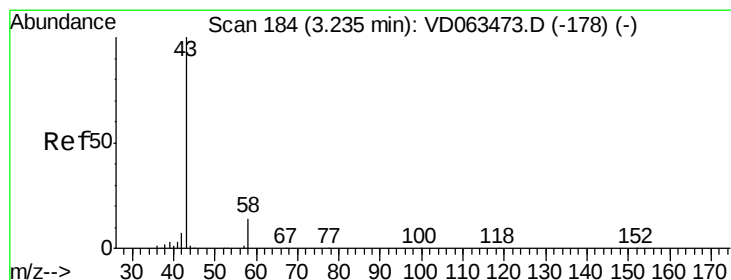
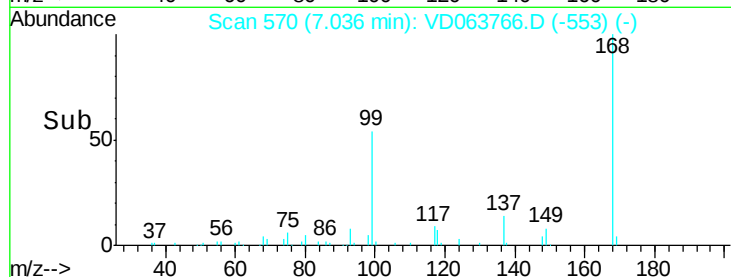
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 47.092 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063766.D

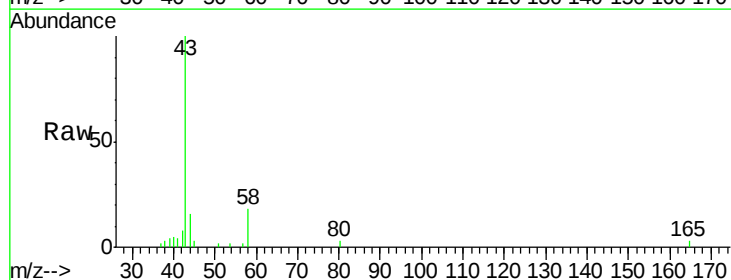
Acq: 23 Aug 2019 15:11

Tgt Ion: 43 Resp: 34958

Ion Ratio Lower Upper

43 100

58 17.8 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

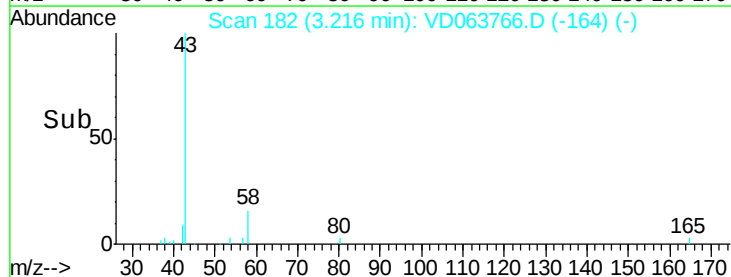
10000

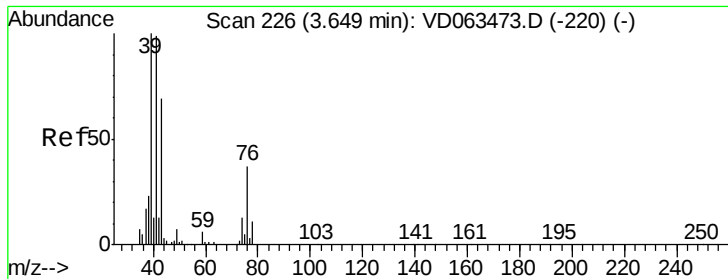
5000

0

3.10 3.20 3.30

Time-->





#18

Methyl Acetate

Concen: 13.375 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD063766.D

Acq: 23 Aug 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

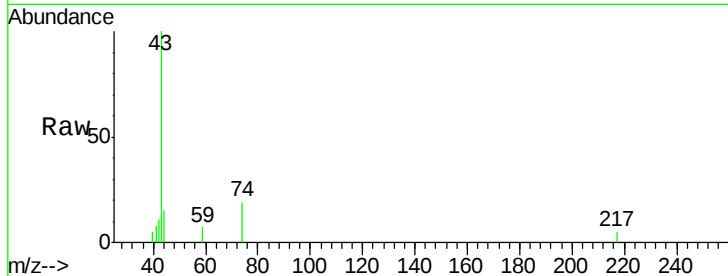
WC-(A-C)

Tot Ion: 43 Resp: 18807

Ion Ratio Lower Upper

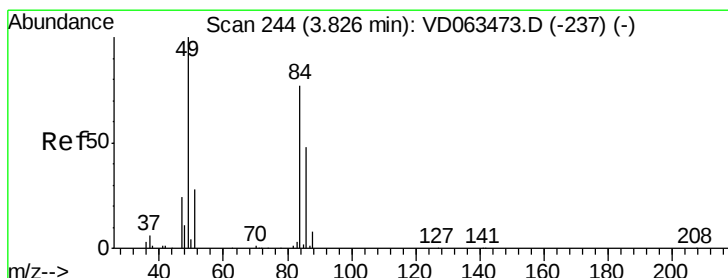
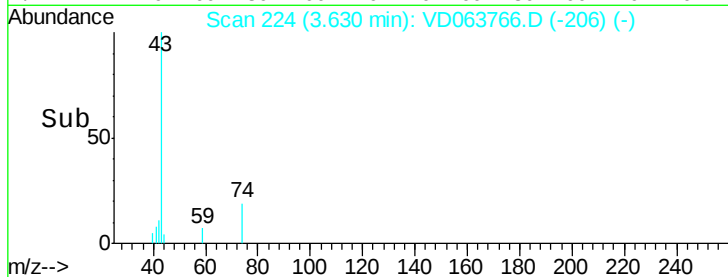
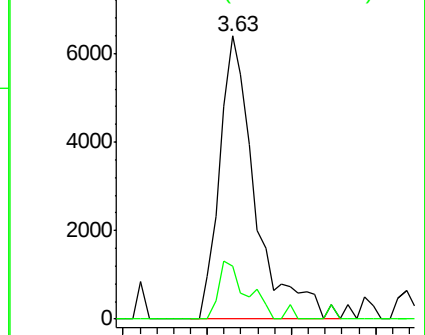
43 100

74 18.8 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#20

Methylene Chloride

Concen: 6.545 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063766.D

Acq: 23 Aug 2019 15:11

Tgt Ion: 84 Resp: 21010

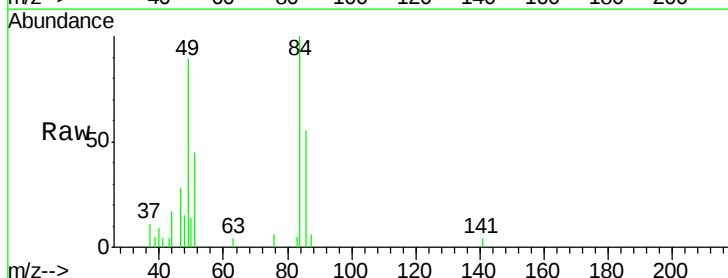
Ion Ratio Lower Upper

84 100

49 88.8 103.4 155.2#

51 45.4 28.5 42.7#

86 54.6 49.4 74.2

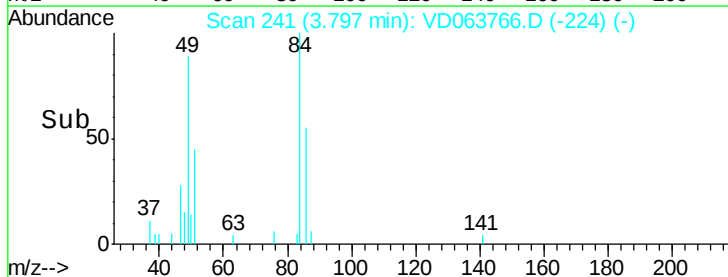
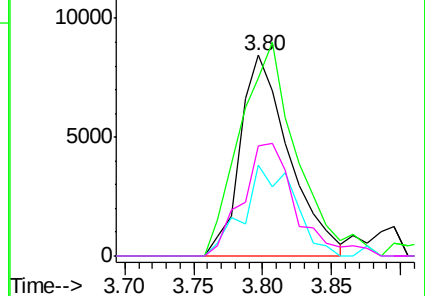


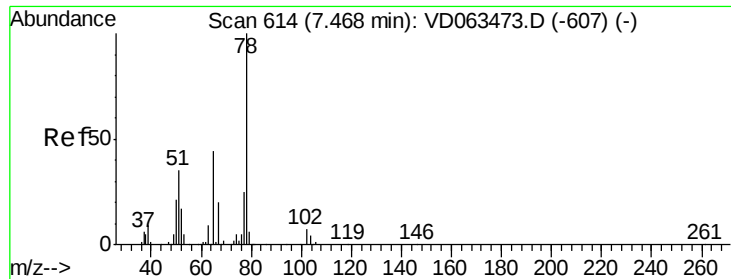
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

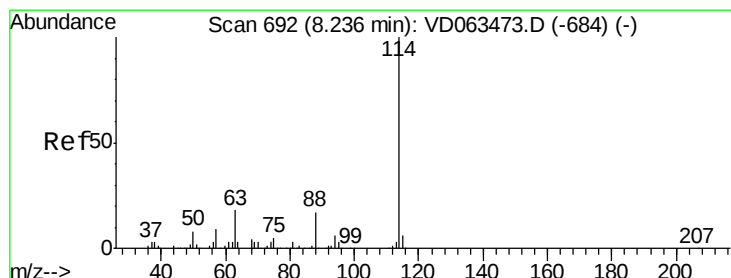
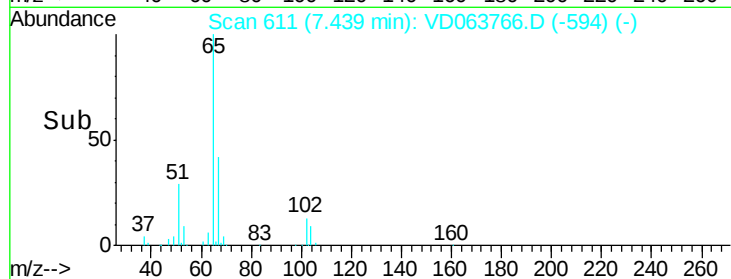
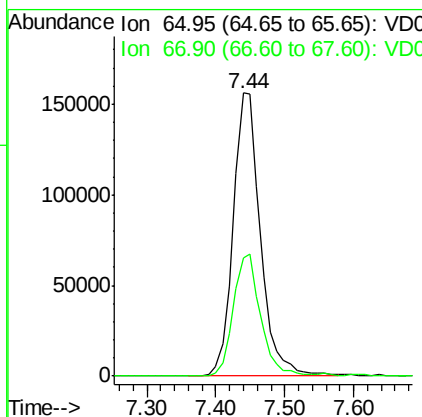
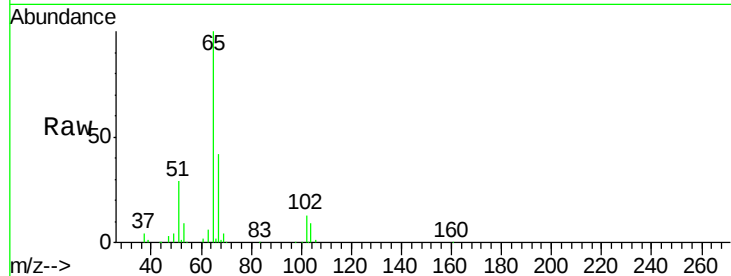




#33
 1,2-Dichloroethane-d4
 Concen: 117.069 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063766.D
 Acq: 23 Aug 2019 15:11

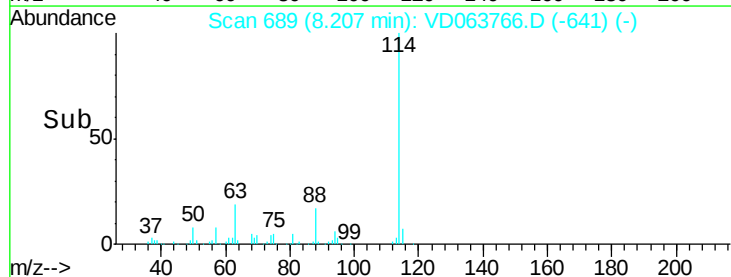
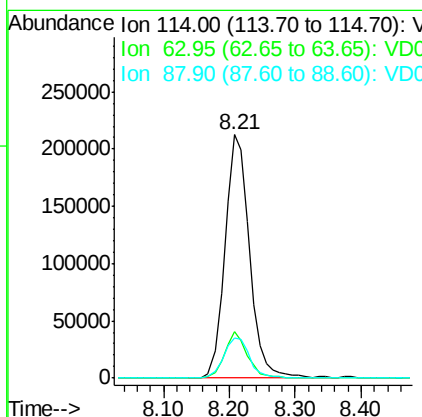
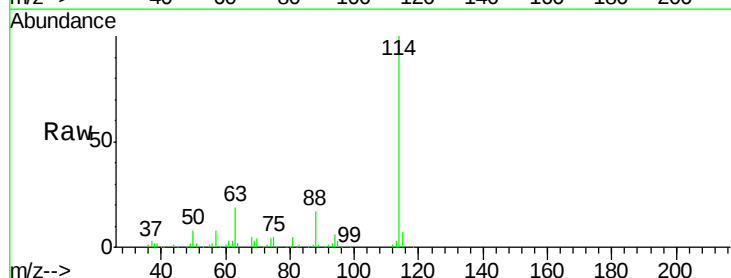
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-(A-C)

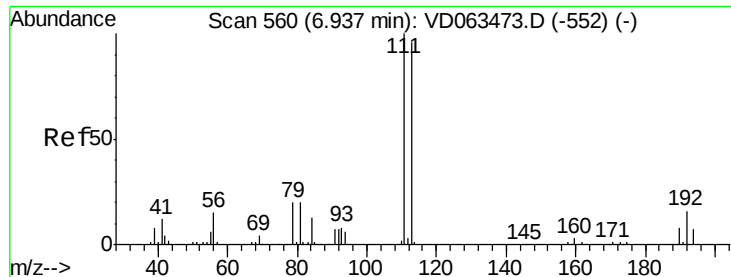
Tot Ion: 65 Resp: 427511
 Ion Ratio Lower Upper
 65 100
 67 41.9 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063766.D
 Acq: 23 Aug 2019 15:11

Tgt Ion: 114 Resp: 554579
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 16.7 0.0 35.0





#35

Dibromofluoromethane

Concen: 85.965 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063766.D

Acq: 23 Aug 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

WC-(A-C)

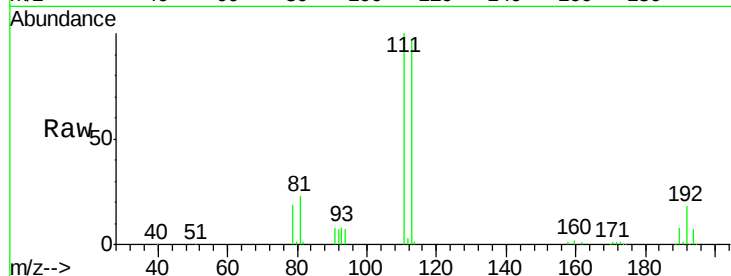
Tot Ion:113 Resp: 401515

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

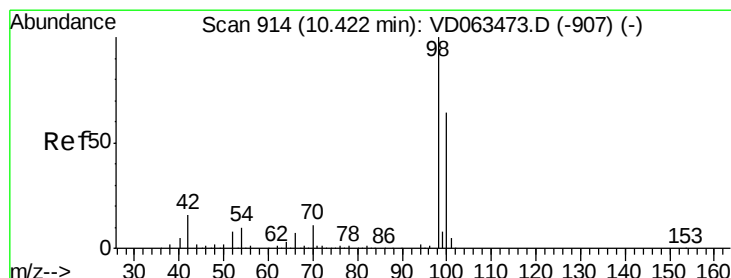
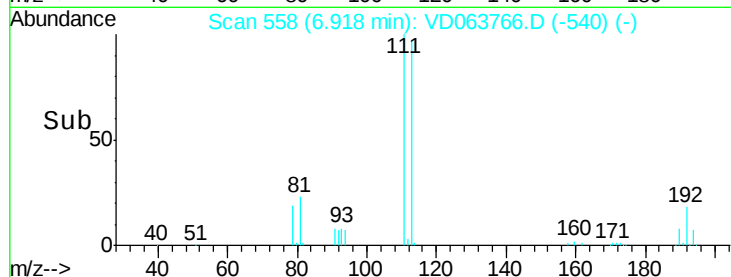
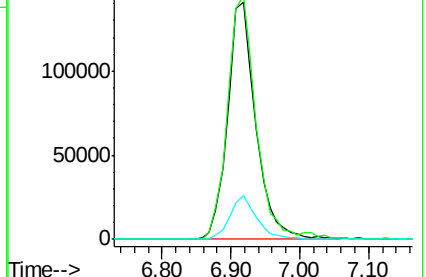
192 18.5 13.1 19.7



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: 39.222 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063766.D

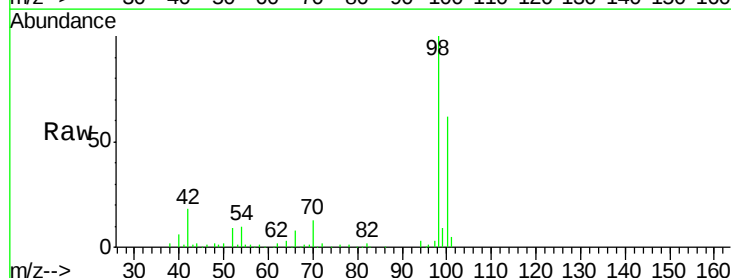
Acq: 23 Aug 2019 15:11

Tgt Ion: 98 Resp: 402758

Ion Ratio Lower Upper

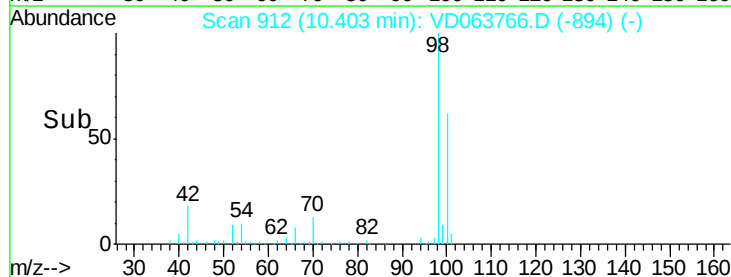
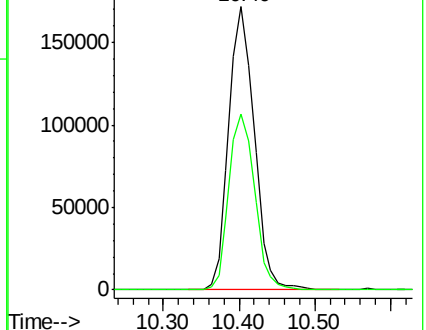
98 100

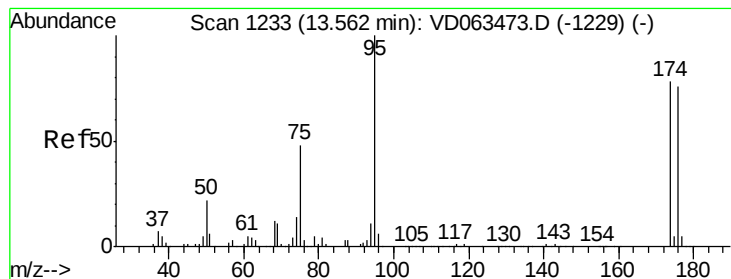
100 62.2 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 23.543 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063766.D

Acq: 23 Aug 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

WC-(A-C)

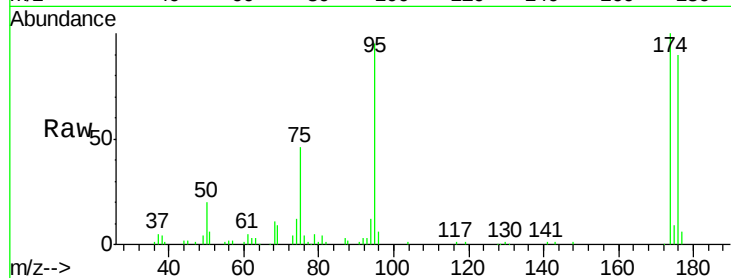
Tot Ion: 95 Resp: 109576

Ion Ratio Lower Upper

95 100

174 105.6 0.0 155.4

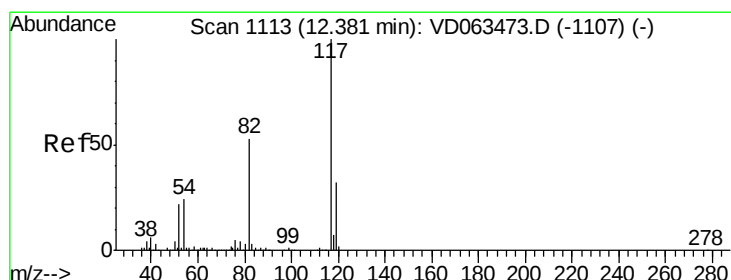
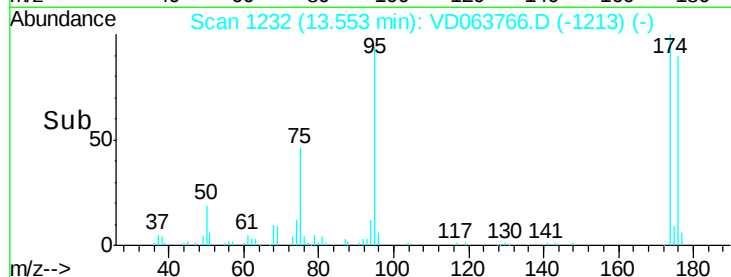
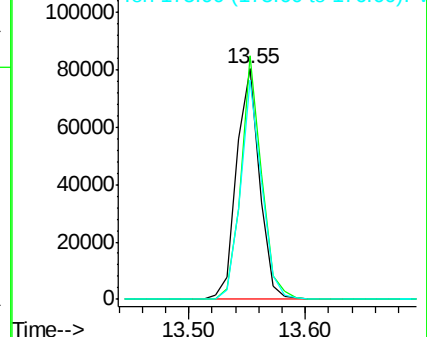
176 95.1 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063766.D

Acq: 23 Aug 2019 15:11

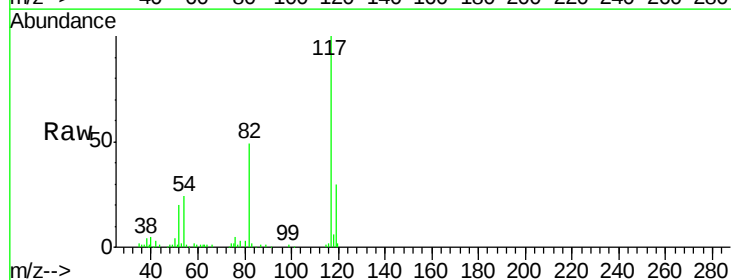
Tgt Ion: 117 Resp: 245871

Ion Ratio Lower Upper

117 100

82 49.2 42.0 63.0

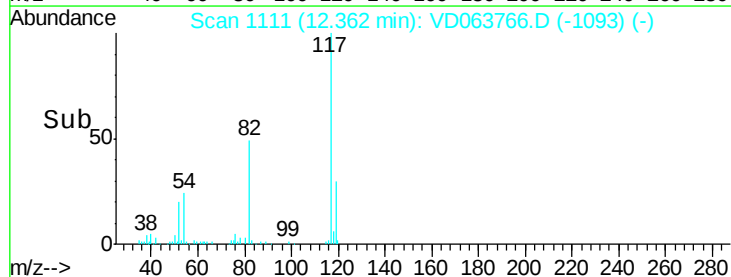
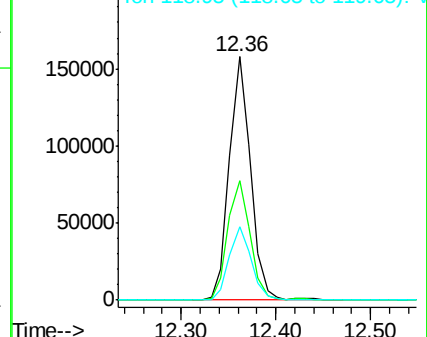
119 30.2 25.4 38.0

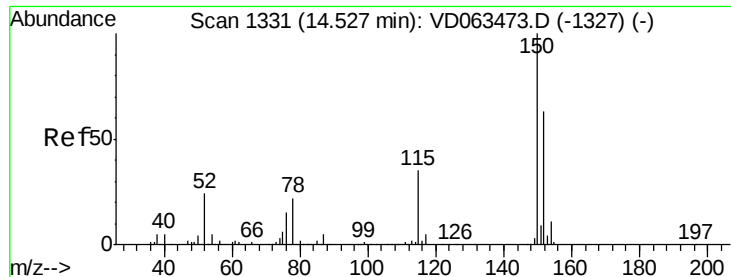


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063766.D

Acq: 23 Aug 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

WC-(A-C)

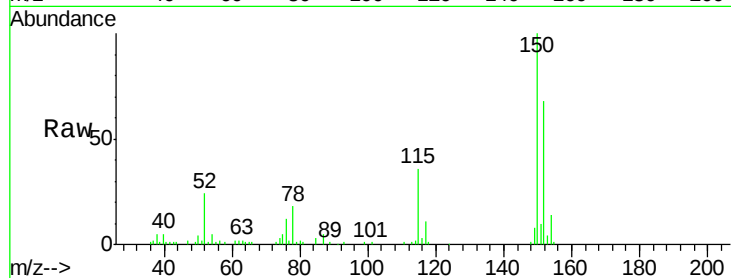
Tot Ion:152 Resp: 57096

Ion Ratio Lower Upper

152 100

115 53.0 30.9 92.7

150 148.0 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

