

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010520.D
 Acq On : 28 Jun 2019 05:21
 Operator : JC/SP
 Sample : K3159-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-062619-B

Quant Time: Jun 28 08:23:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

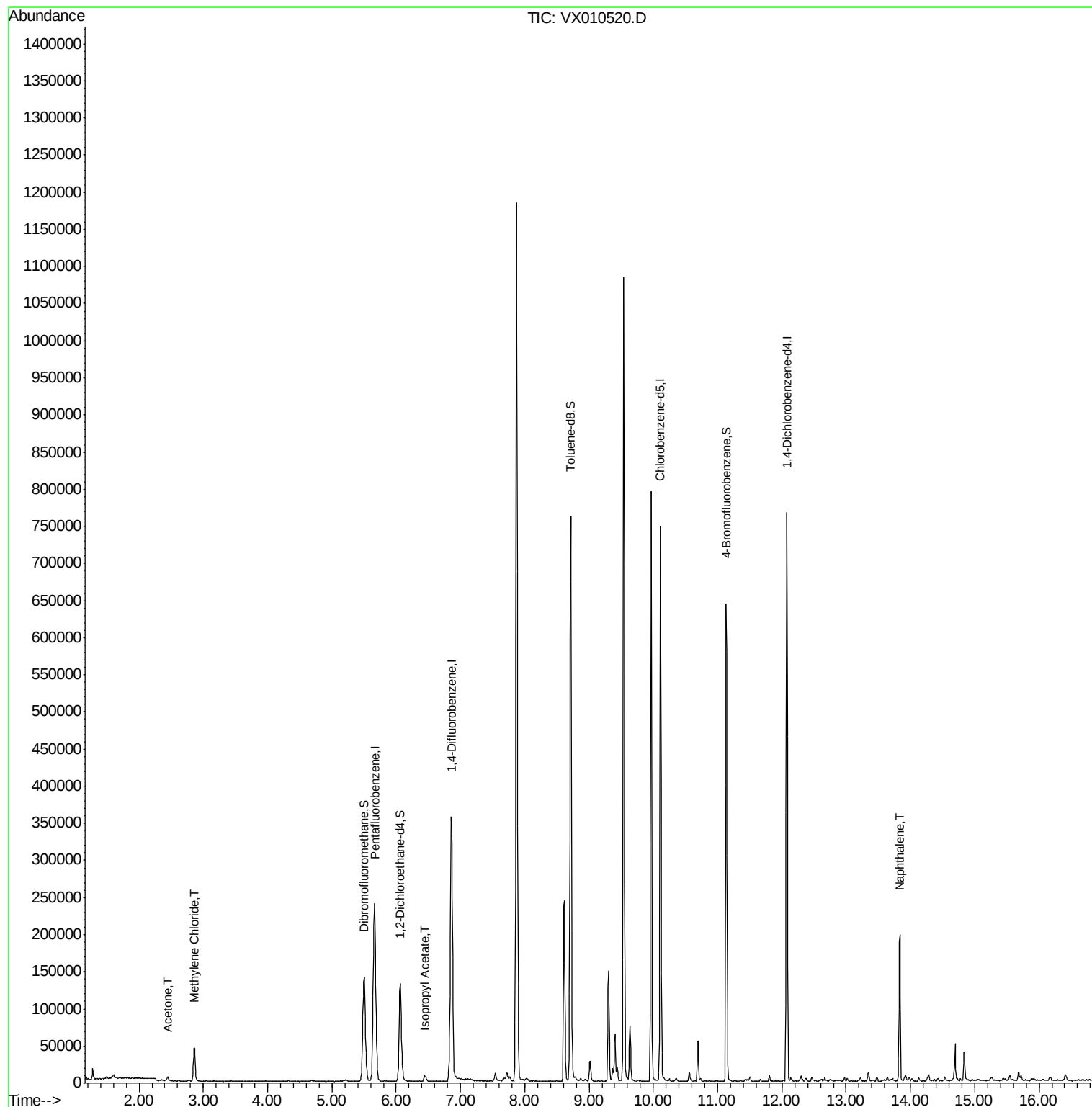
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	362711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118980	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	119696	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.71	98	466928	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	156911	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
Target Compounds						
16) Acetone	2.45	43	6600	5.488	ug/l	96
20) Methylene Chloride	2.86	84	23554	9.517	ug/l	93
43) Isopropyl Acetate	6.45	43	11032	2.076	ug/l	99
95) Naphthalene	13.83	128	125860	10.681	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010520.D

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Instrument :

MSVOA_X

ClientSampleId :

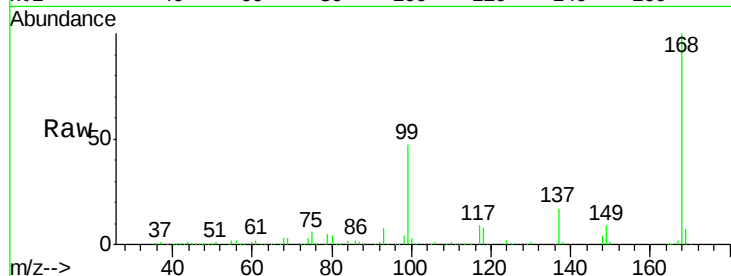
OR-03-062619-B

Tot Ion:168 Resp: 255932

Ion Ratio Lower Upper

168 100

99 47.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

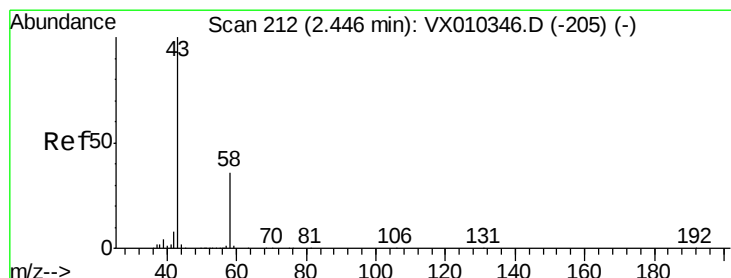
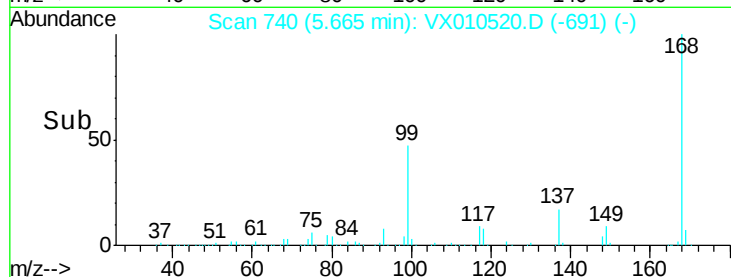
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010520.D

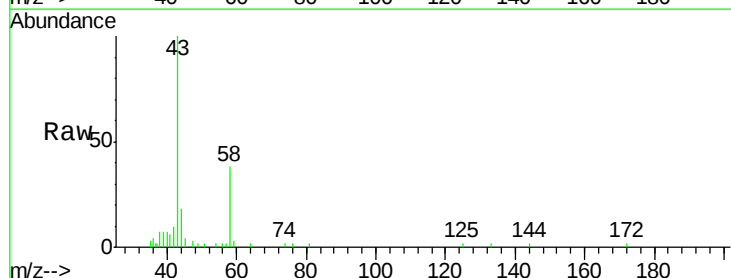
Acq: 28 Jun 2019 05:21

Tgt Ion: 43 Resp: 6600

Ion Ratio Lower Upper

43 100

58 38.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

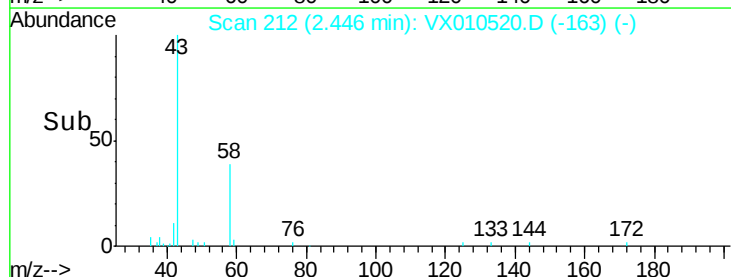
3000

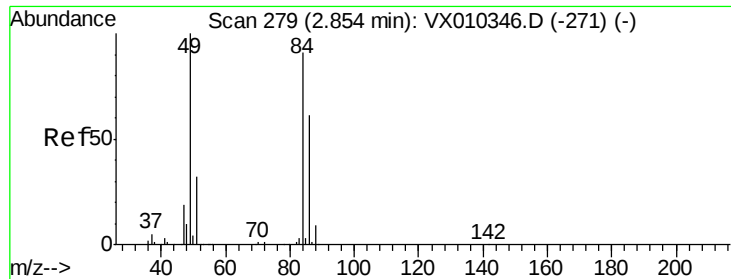
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

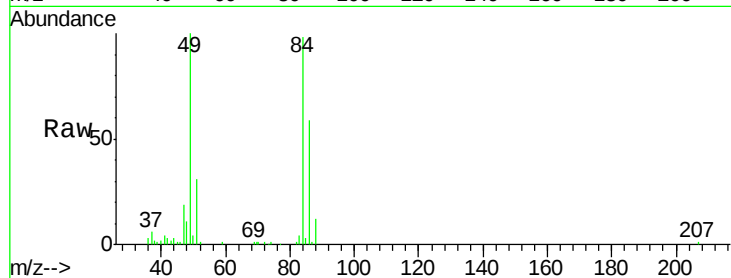




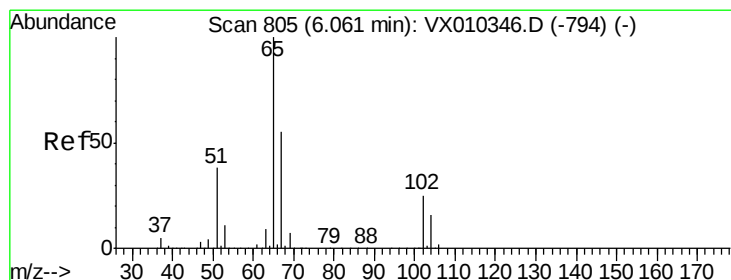
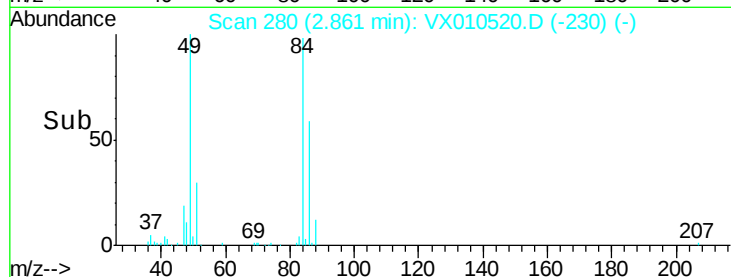
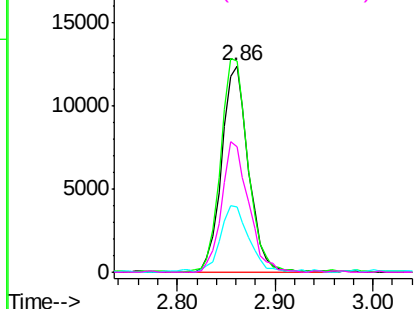
#20
Methvlene Chloride
Concen: 9.517 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tot Ion: 84 Resp: 23554
Ion Ratio Lower Upper
84 100
49 101.5 87.5 131.3
51 31.8 27.7 41.5
86 60.6 53.4 80.0

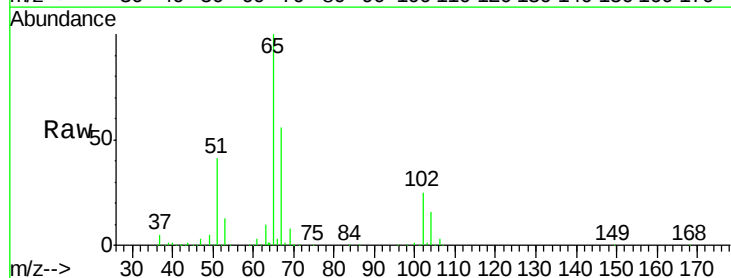


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

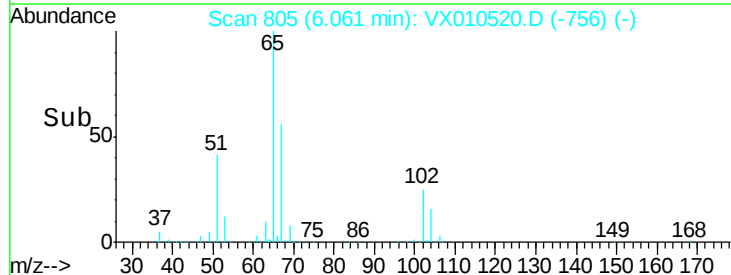
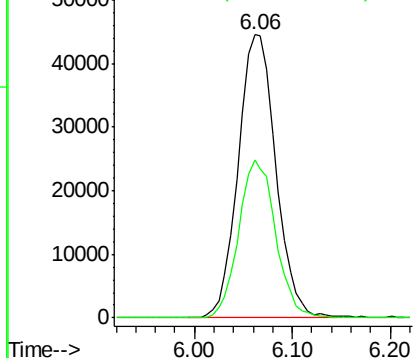


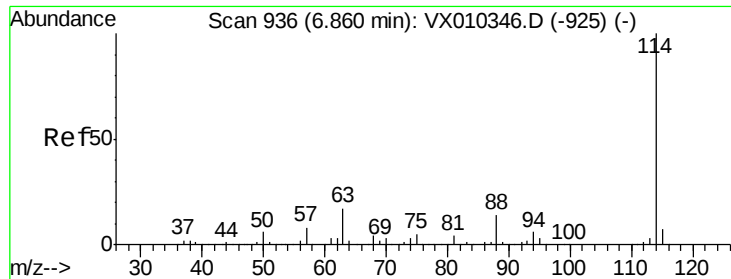
#33
1,2-Dichloroethane-d4
Concen: 49.583 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 65 Resp: 118980
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

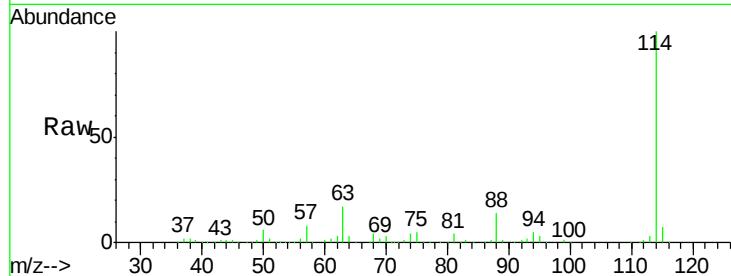




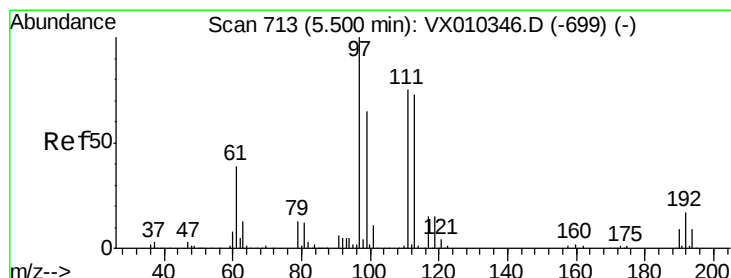
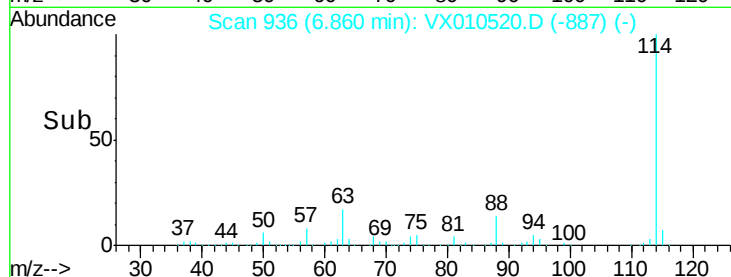
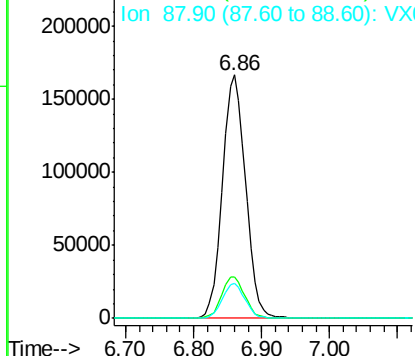
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010520.D
 Acq: 28 Jun 2019 05:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-062619-B

Tot Ion:114 Resp: 392976
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.3 0.0 27.6

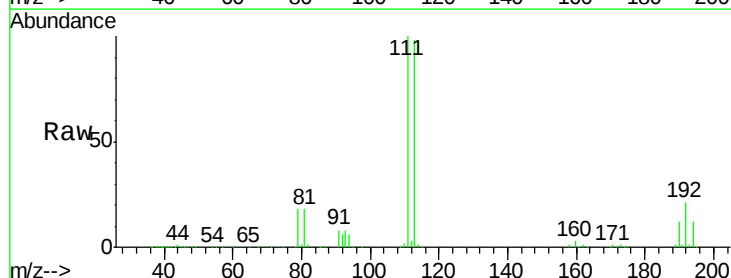


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

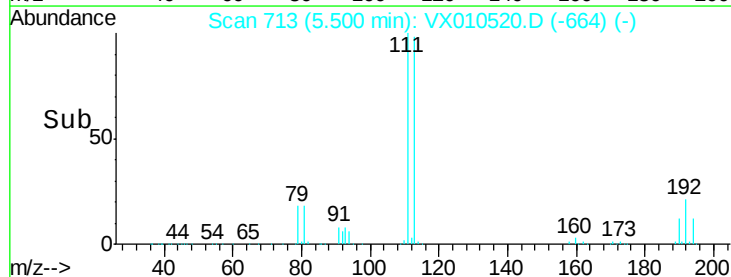
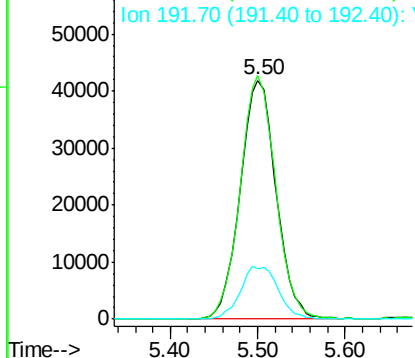


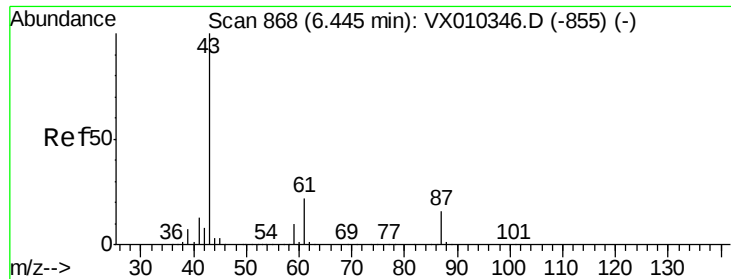
#35
 Dibromofluoromethane
 Concen: 49.783 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010520.D
 Acq: 28 Jun 2019 05:21

Tgt Ion:113 Resp: 119696
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.2 121.8
 192 23.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.076 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010520.D

Acq: 28 Jun 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

OR-03-062619-B

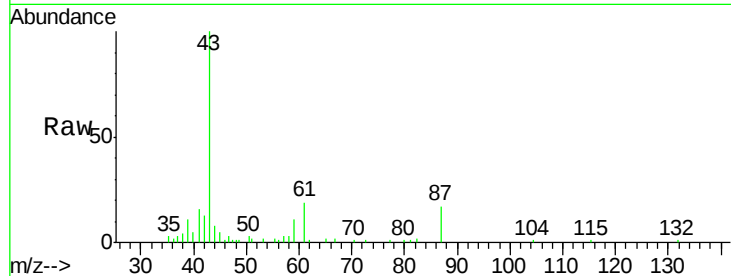
Tot Ion: 43 Resp: 11032

Ion Ratio Lower Upper

43 100

61 22.6 17.8 26.6

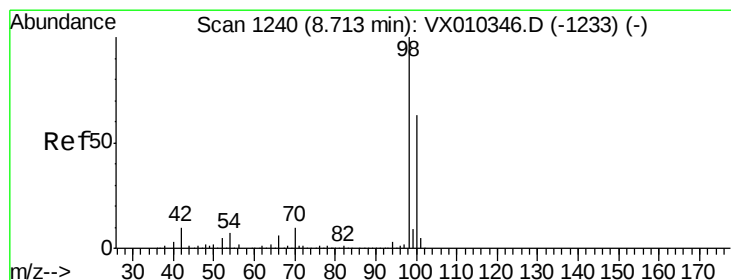
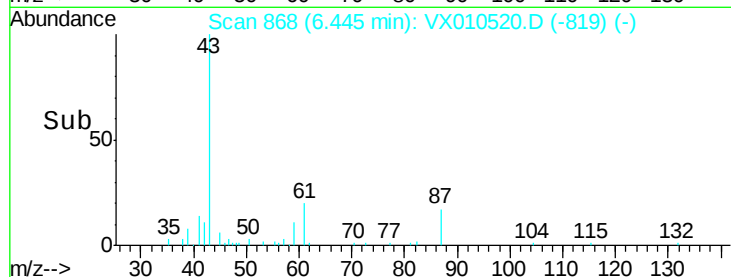
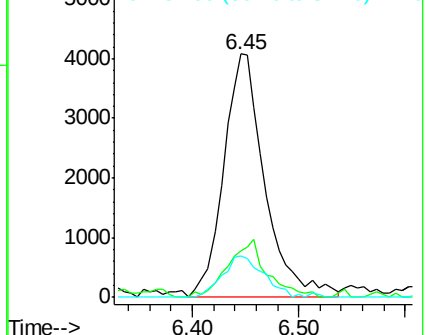
87 17.1 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.760 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010520.D

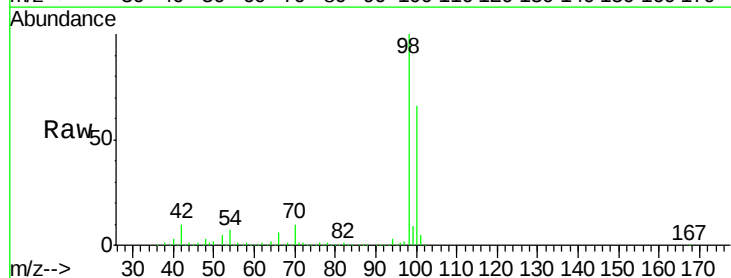
Acq: 28 Jun 2019 05:21

Tgt Ion: 98 Resp: 466928

Ion Ratio Lower Upper

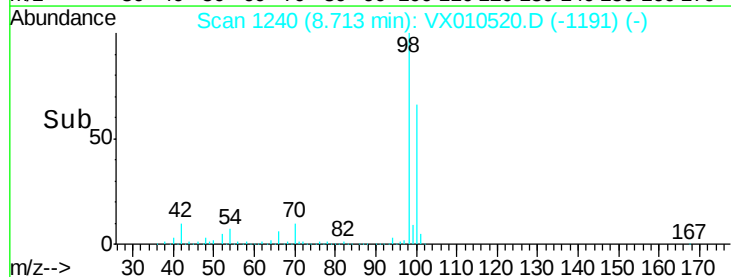
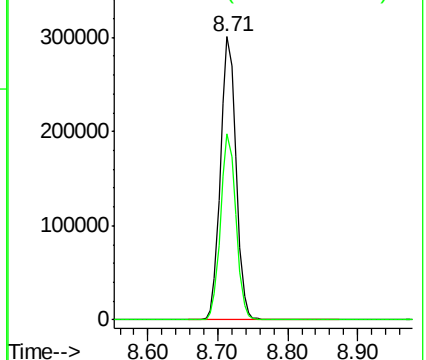
98 100

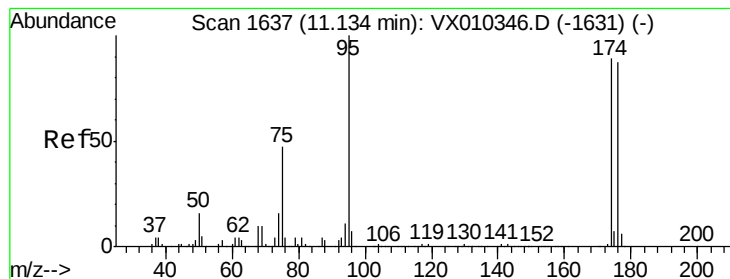
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.249 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010520.D

Acq: 28 Jun 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

OR-03-062619-B

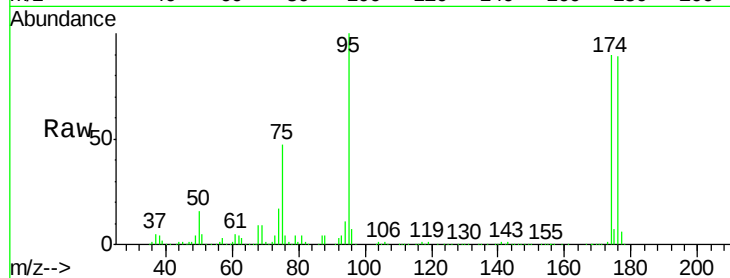
Tot Ion: 95 Resp: 156911

Ion Ratio Lower Upper

95 100

174 98.2 0.0 187.6

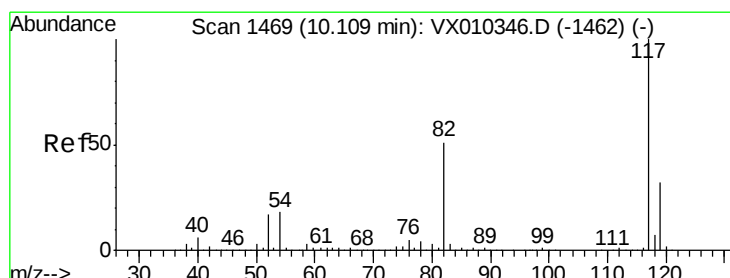
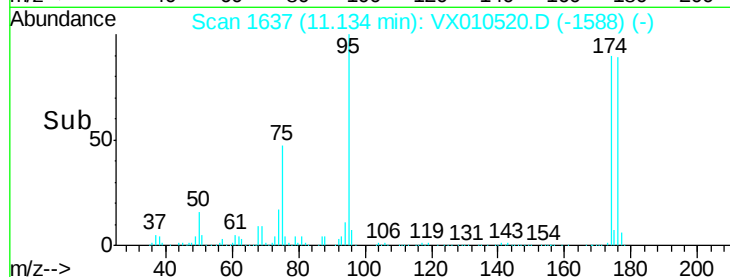
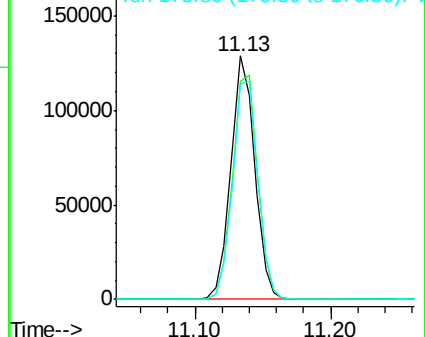
176 95.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010520.D

Acq: 28 Jun 2019 05:21

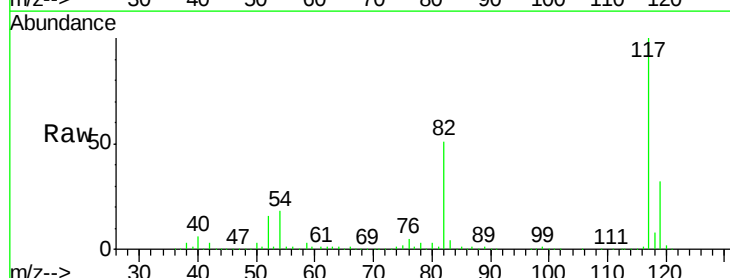
Tgt Ion: 117 Resp: 362711

Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

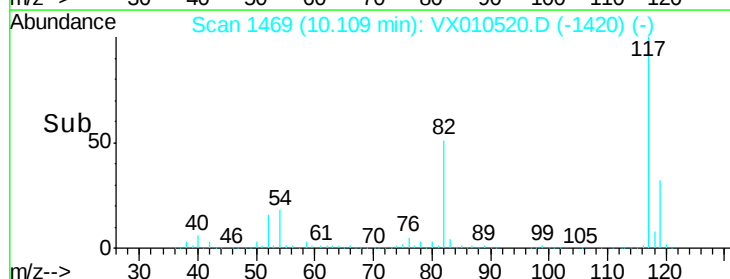
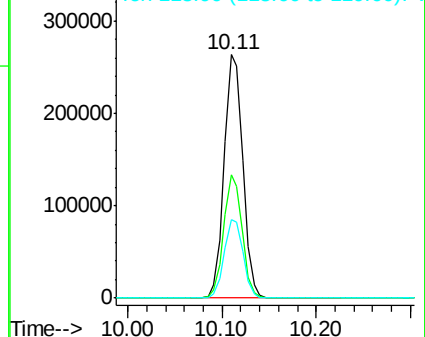
119 32.1 25.5 38.3

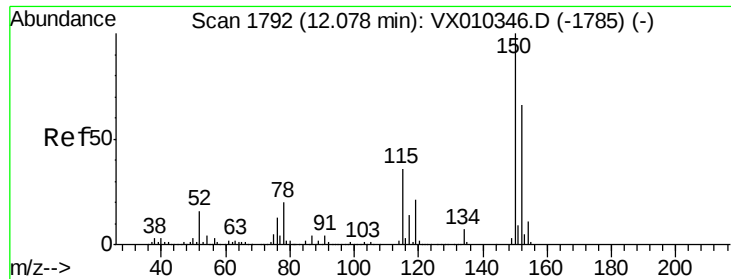


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010520.D

Acq: 28 Jun 2019 05:21

Instrument :

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OR-03-062619-B

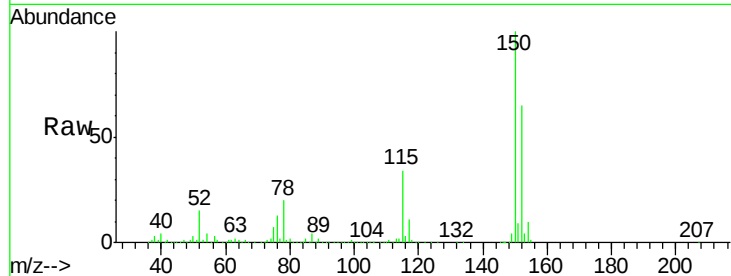
Tot Ion:152 Resp: 168373

Ion Ratio Lower Upper

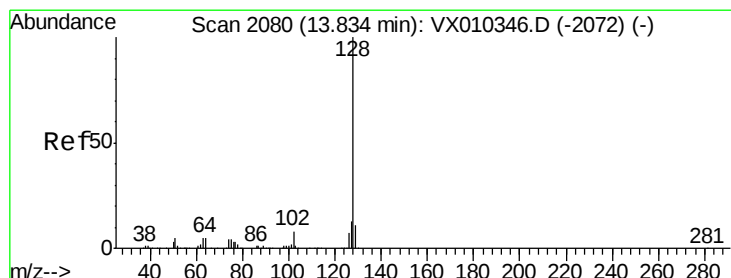
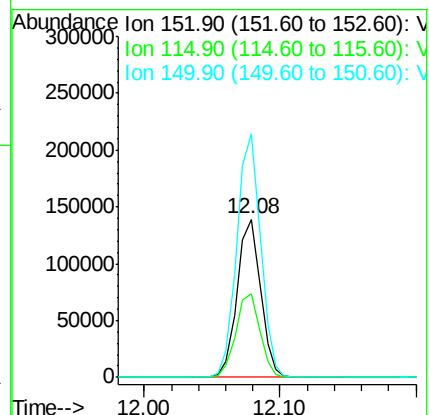
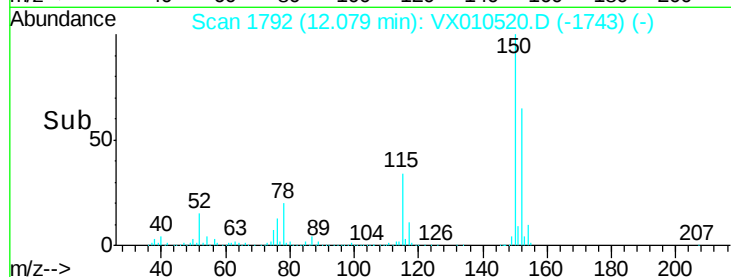
152 100

115 54.0 38.6 115.7

150 155.6 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 10.681 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010520.D

Acq: 28 Jun 2019 05:21

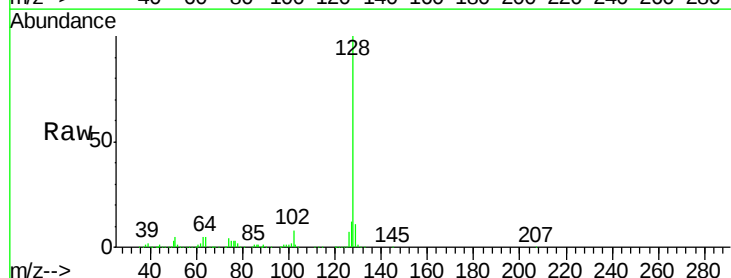
Tgt Ion:128 Resp: 125860

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

