

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010411.D
 Acq On : 24 Jun 2019 15:04
 Operator : JC/SP
 Sample : K3164-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B05

Quant Time: Jun 25 04:14:20 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

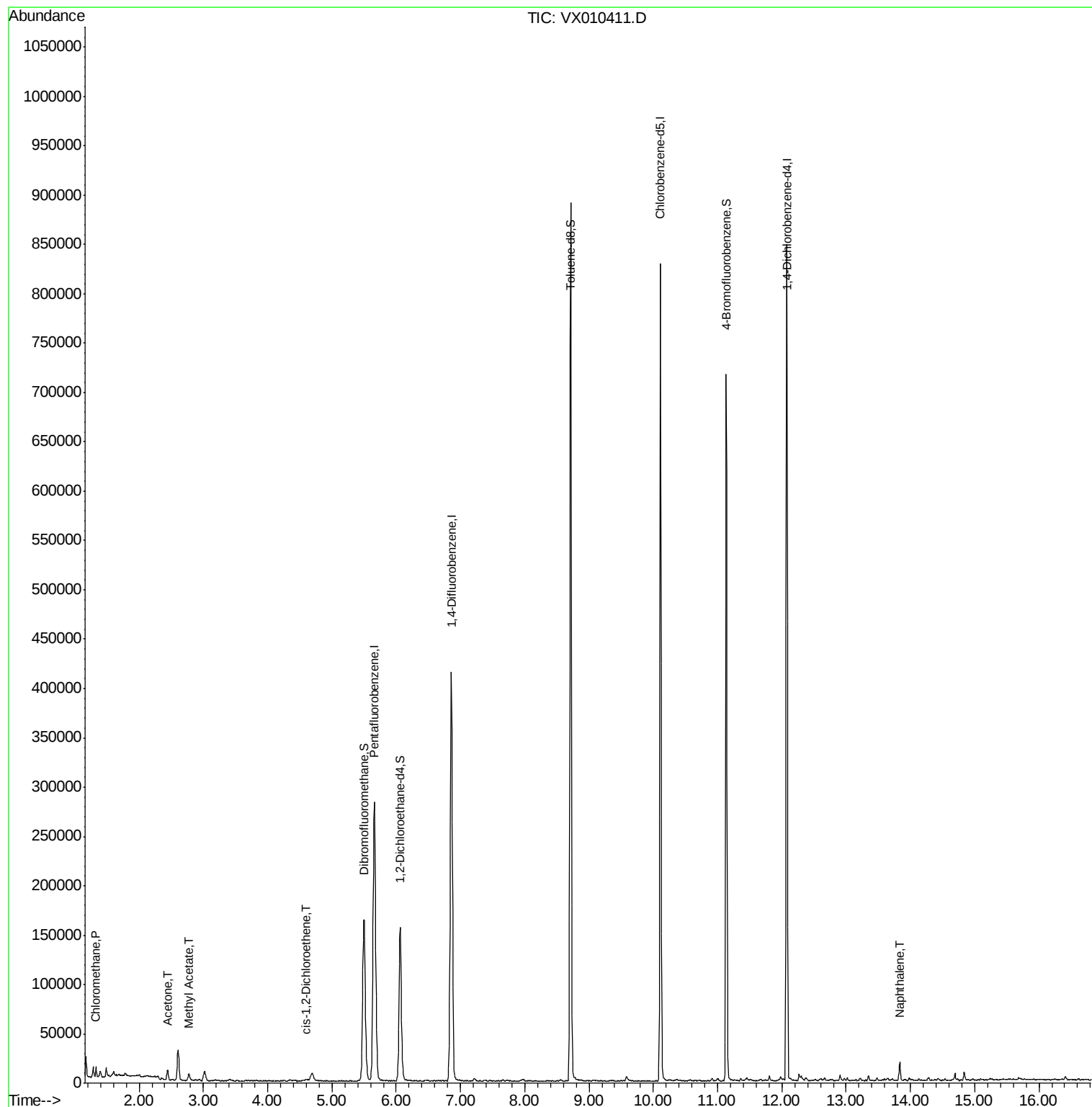
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	461300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	413713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141690	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.50	113	139632	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	535033	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	181351	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
3) Chloromethane	1.33	50	6706	2.753	ug/l	97
16) Acetone	2.45	43	10666	7.544	ug/l	95
18) Methyl Acetate	2.78	43	7961	2.825	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1271	0.392	ug/l	80
95) Naphthalene	13.83	128	11518	0.862	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

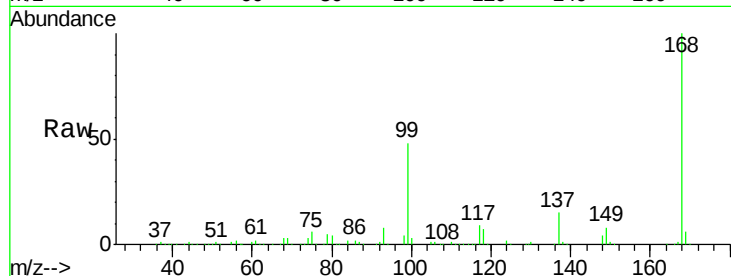
BAT-B05

Tot Ion:168 Resp: 300884

Ion Ratio Lower Upper

168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

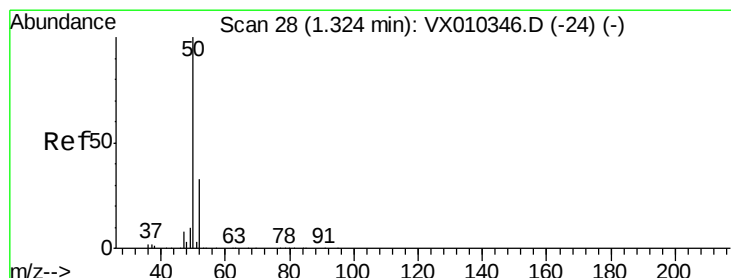
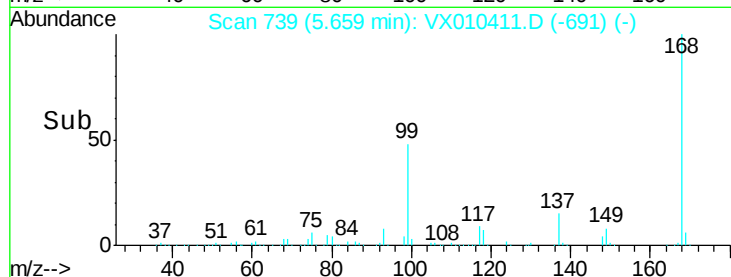
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 2.753 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010411.D

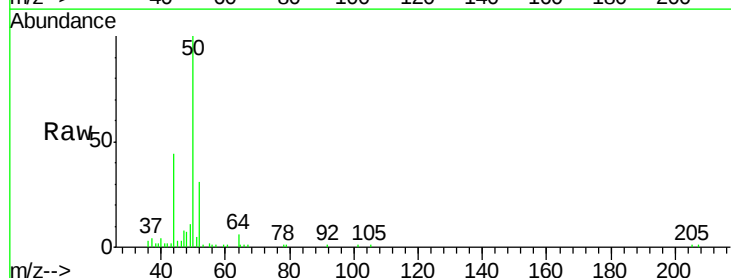
Acq: 24 Jun 2019 15:04

Tgt Ion: 50 Resp: 6706

Ion Ratio Lower Upper

50 100

52 31.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

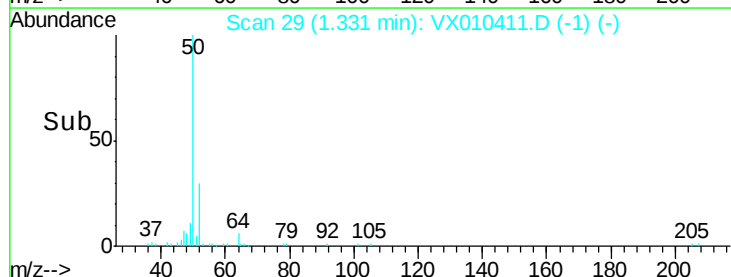
6000

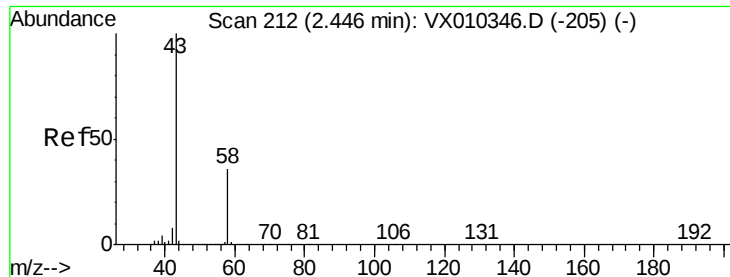
4000

2000

0

Time--> 1.30 1.35





#16

Acetone

Concen: 7.544 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

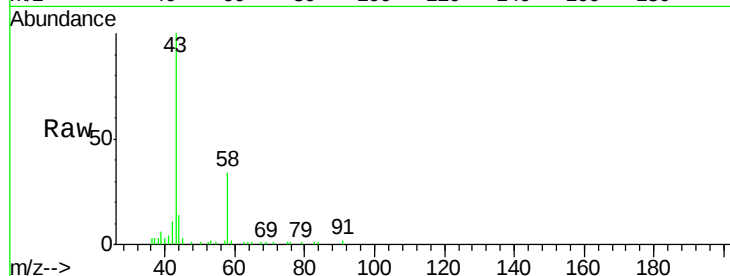
BAT-B05

Tot Ion: 43 Resp: 10666

Ion Ratio Lower Upper

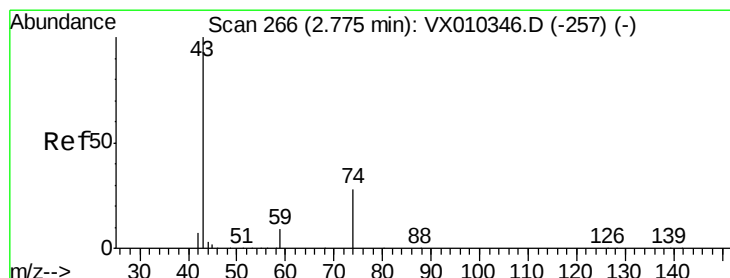
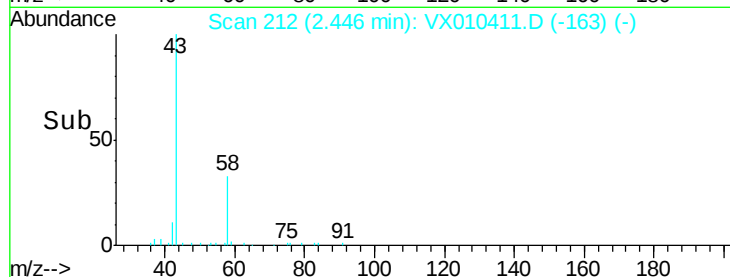
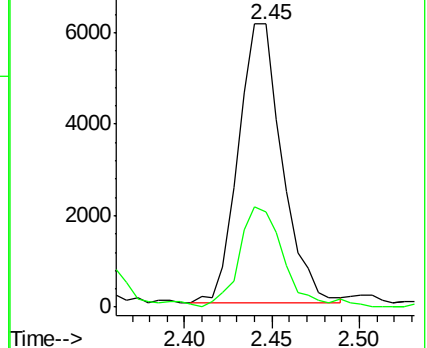
43 100

58 33.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 2.825 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010411.D

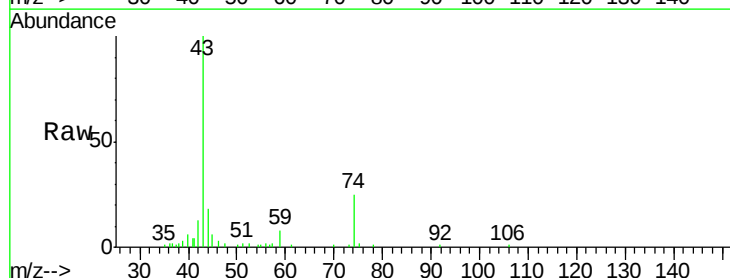
Acq: 24 Jun 2019 15:04

Tgt Ion: 43 Resp: 7961

Ion Ratio Lower Upper

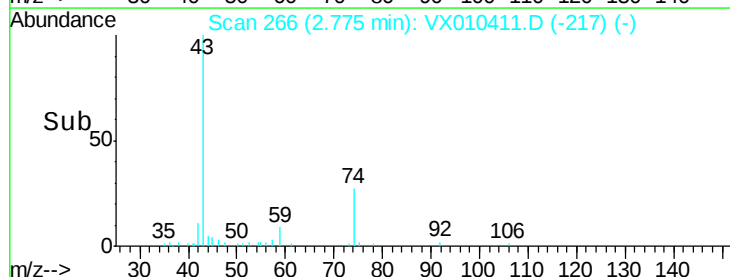
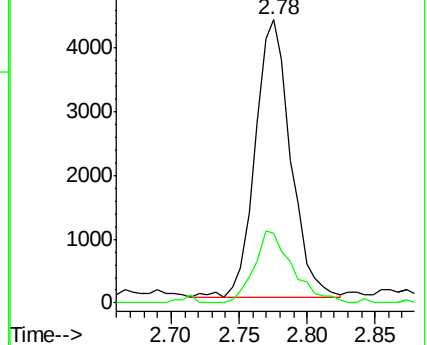
43 100

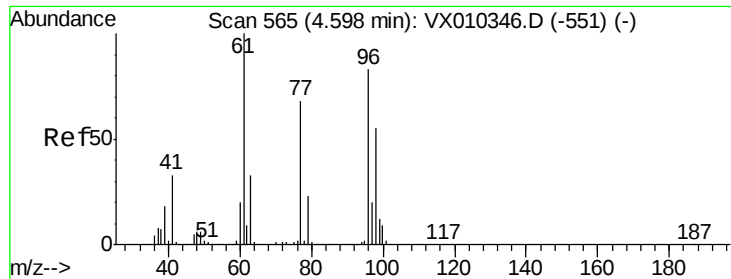
74 28.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

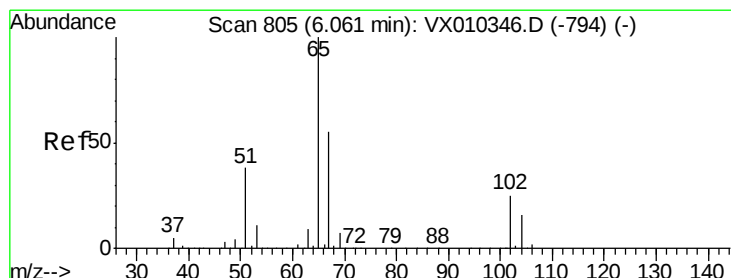
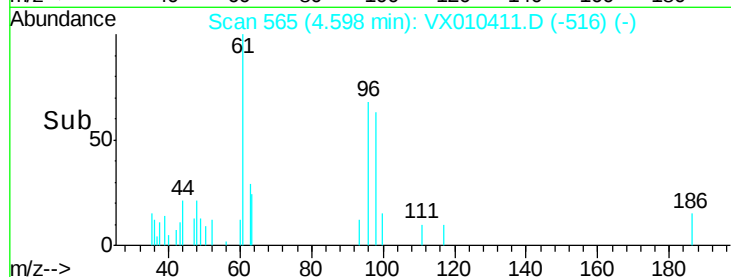
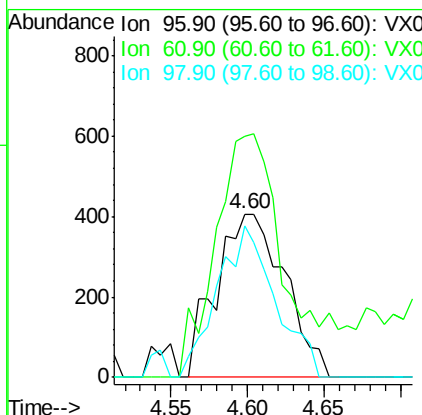
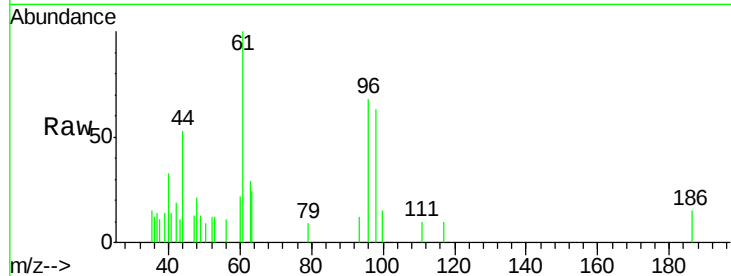




#27
 cis-1,2-Dichloroethene
 Concen: 0.392 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010411.D
 Acq: 24 Jun 2019 15:04

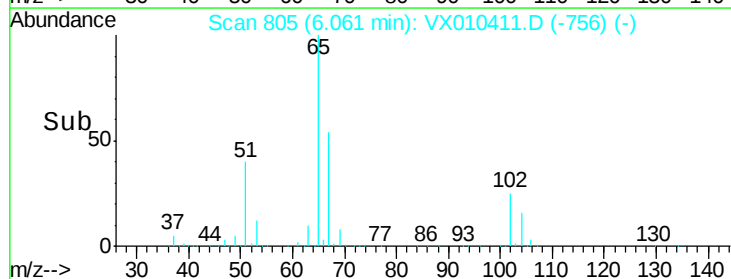
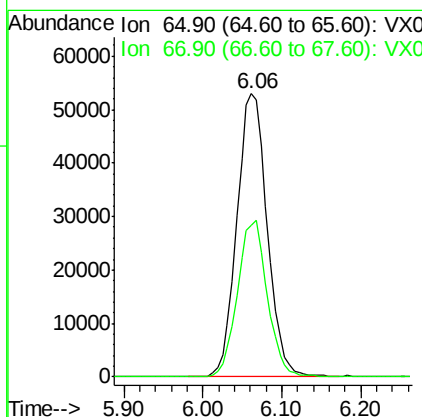
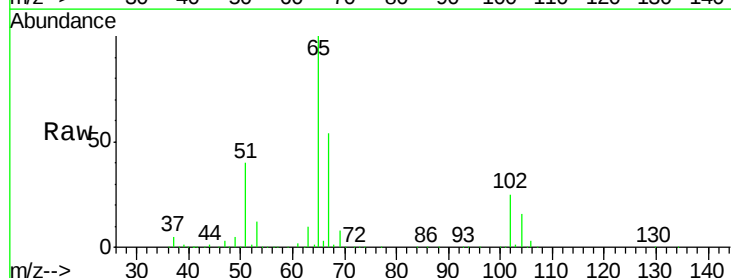
Instrument :
 MSVOA_X
 ClientSampled :
 BAT-B05

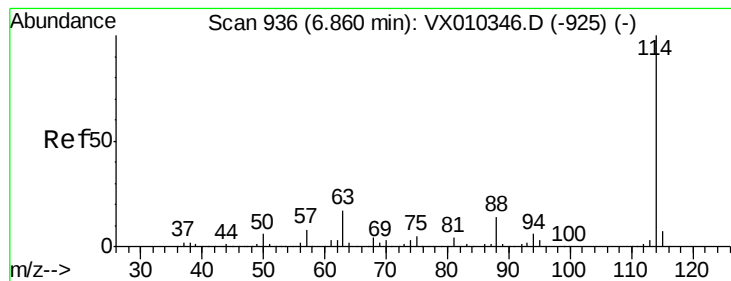
Tot Ion: 96 Resp: 1271
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 251.8
 98 78.0 0.0 129.4



#33
 1,2-Dichloroethane-d4
 Concen: 50.225 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010411.D
 Acq: 24 Jun 2019 15:04

Tgt Ion: 65 Resp: 141690
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

BAT-B05

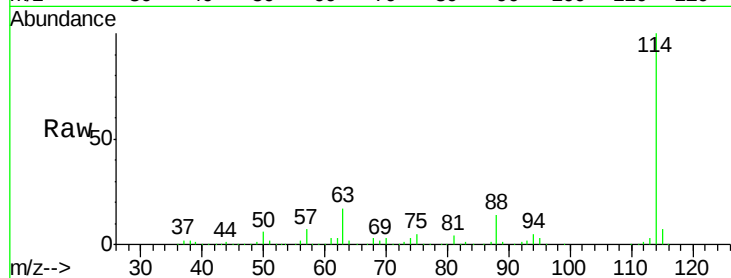
Tot Ion:114 Resp: 461300

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

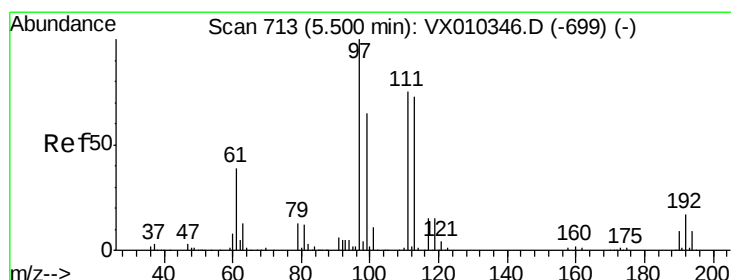
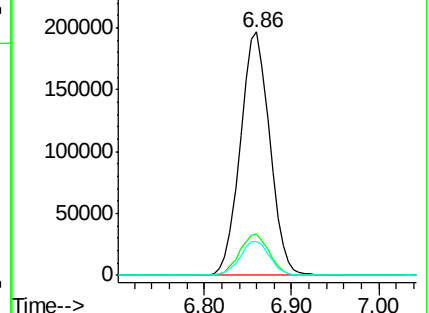
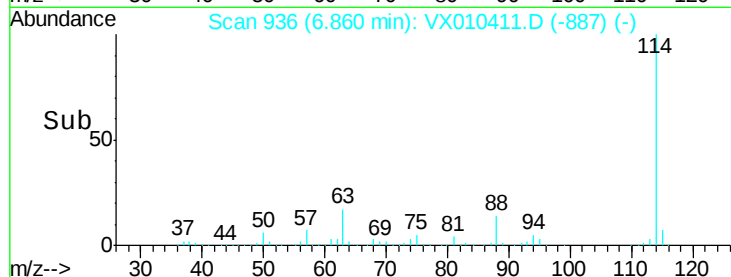
88 13.9 0.0 27.6



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: 49.473 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

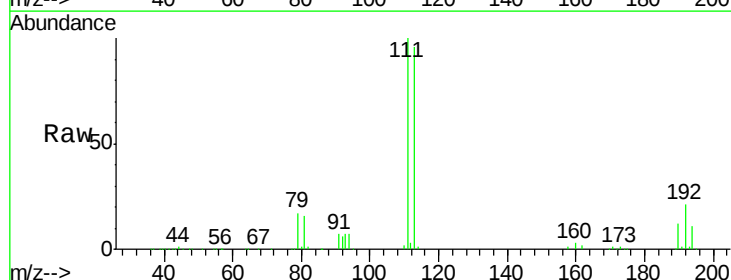
Tgt Ion:113 Resp: 139632

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

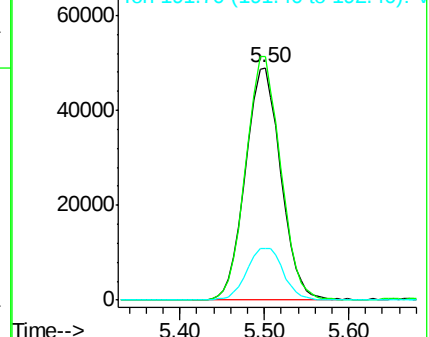
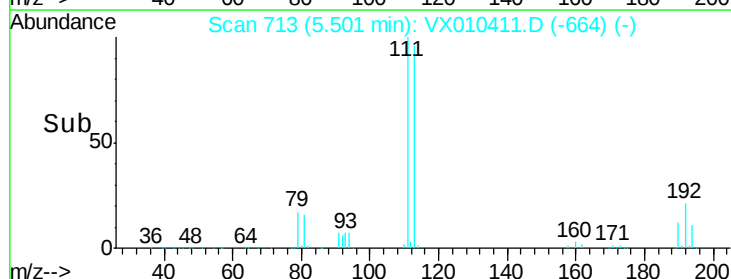
192 23.2 18.6 27.8

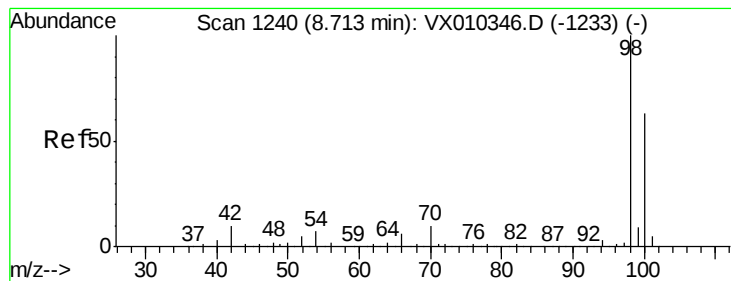


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.549 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

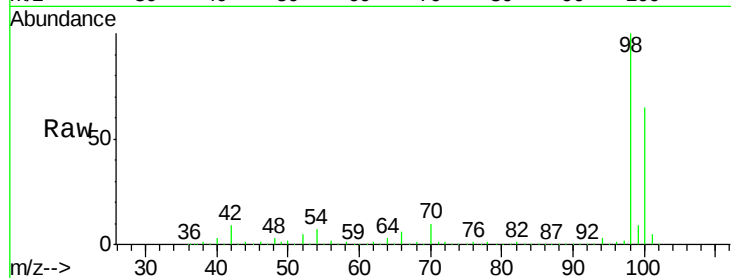
BAT-B05

Tot Ion: 98 Resp: 535033

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

300000

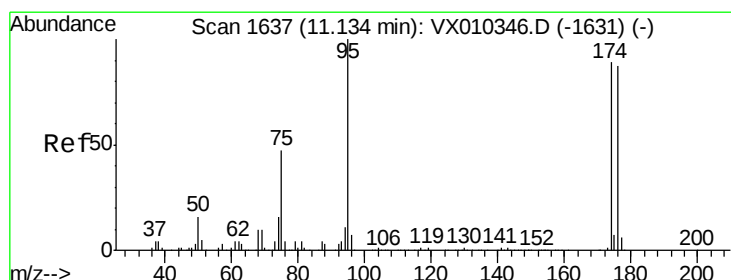
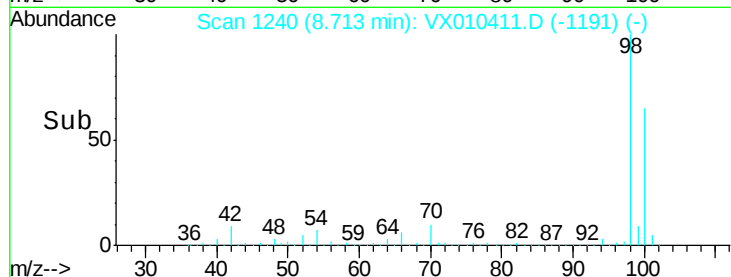
200000

100000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.520 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

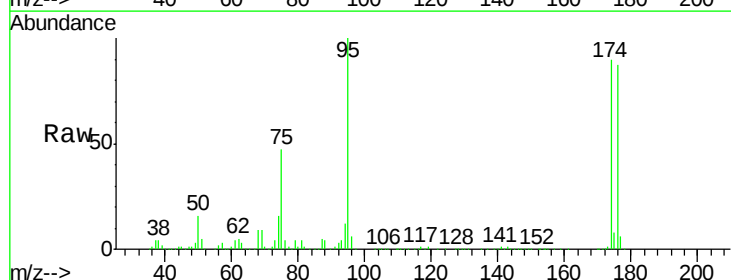
Tgt Ion: 95 Resp: 181351

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.6

176 92.0 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

200000

150000

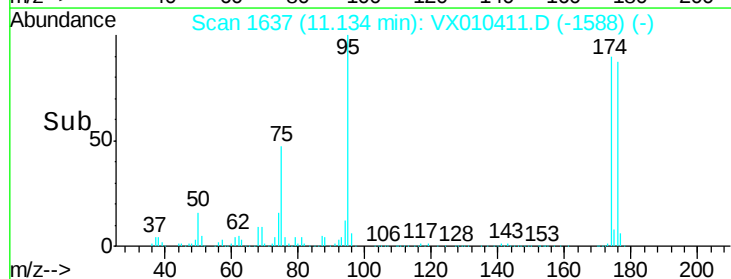
100000

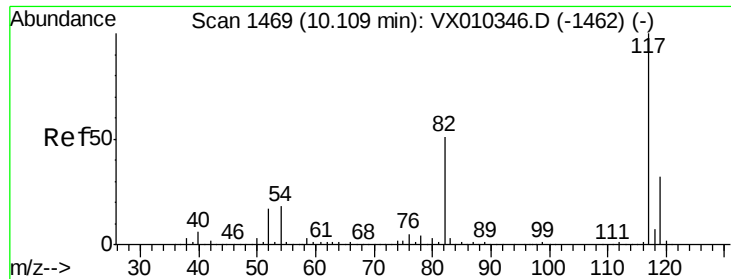
50000

0

Time-->

11.10 11.20

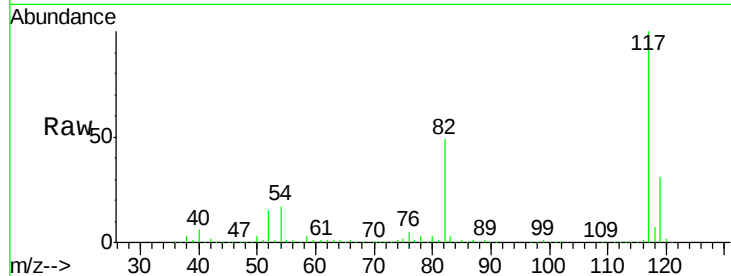




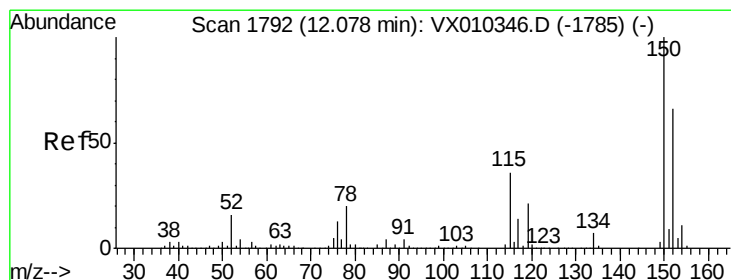
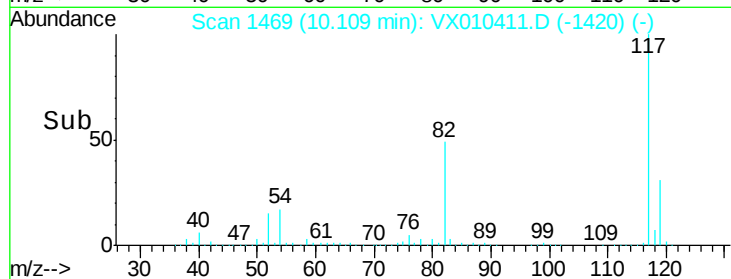
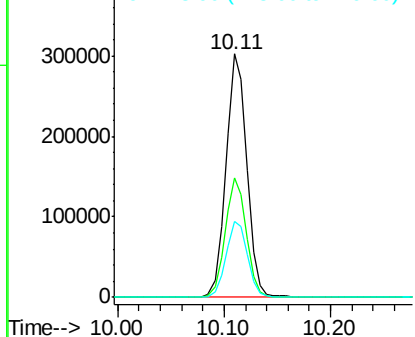
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010411.D
Acq: 24 Jun 2019 15:04

Instrument :
MSVOA_X
ClientSampled :
BAT-B05

Tot Ion:117 Resp: 413713
Ion Ratio Lower Upper
117 100
82 49.1 41.2 61.8
119 31.0 25.5 38.3

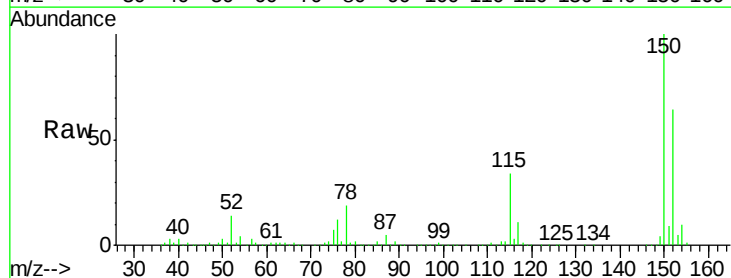


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

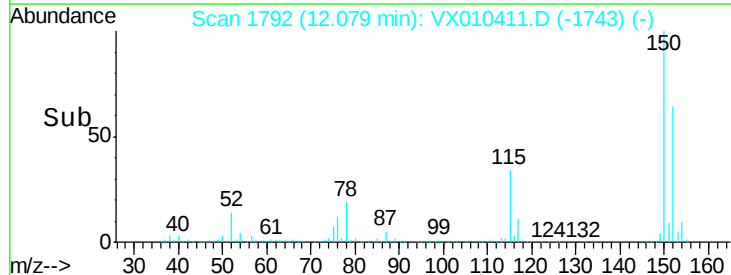
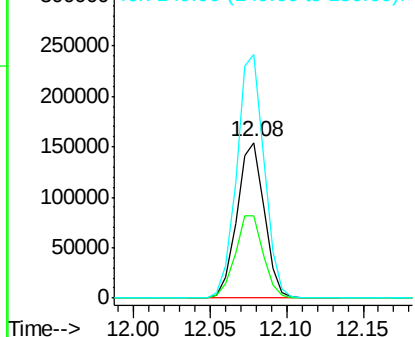


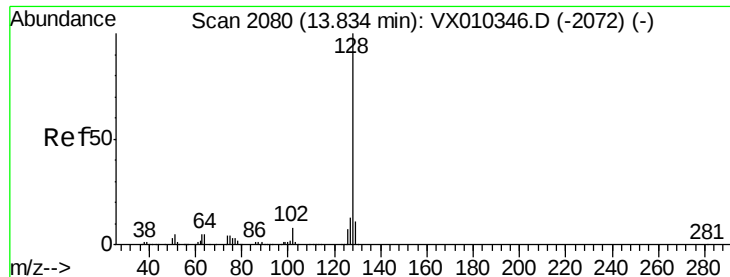
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010411.D
Acq: 24 Jun 2019 15:04

Tgt Ion:152 Resp: 190939
Ion Ratio Lower Upper
152 100
115 54.2 38.6 115.7
150 157.6 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: 0.862 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010411.D

Acq: 24 Jun 2019 15:04

Instrument :

MSVOA_X

ClientSampleId :

BAT-B05

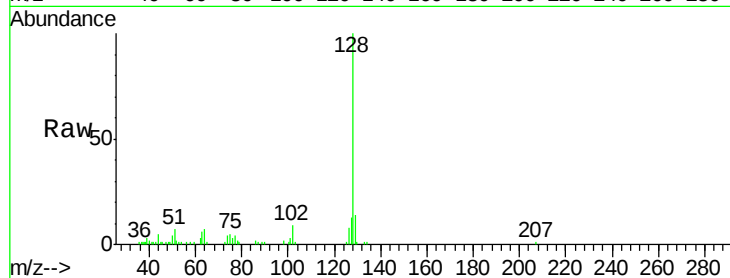
Tot Ion:128 Resp: 11518

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 12.2 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

