

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003182.D
 Acq On : 05 Jul 2018 19:40
 Operator : JC/MD
 Sample : J3820-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-070318

Quant Time: Jul 06 01:37:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

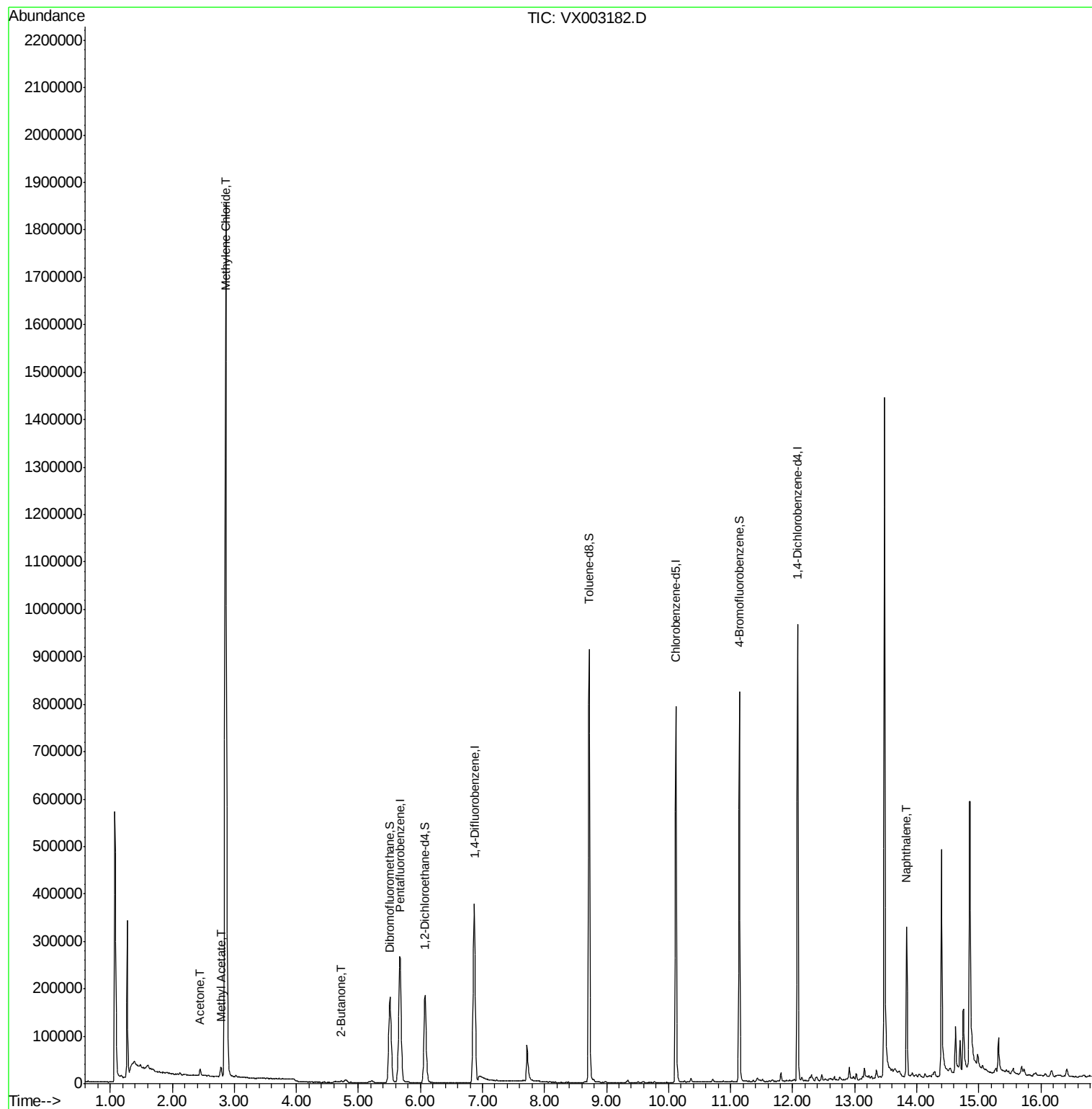
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179433	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	5.51	113	148695	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.72	98	545581	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.14	95	194512	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
16) Acetone	2.45	43	17452	10.91	ug/l	99
18) Methyl Acetate	2.78	43	23893	5.34	ug/l	97
20) Methylene Chloride	2.86	84	876100	281.39	ug/l	94
25) 2-Butanone	4.72	43	5192	2.19	ug/l	92
95) Naphthalene	13.84	128	205504	14.18	ug/l	100

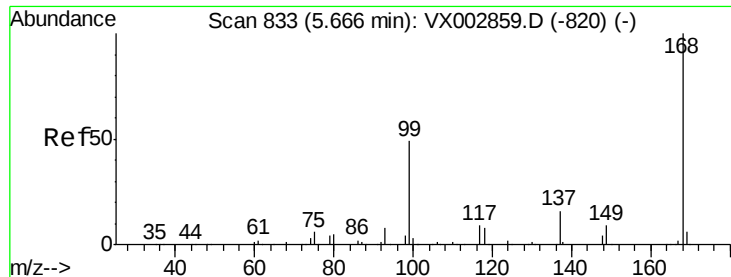
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003182.D

Acq: 05 Jul 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

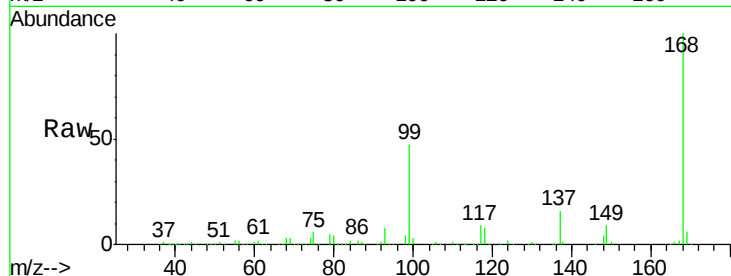
BU-03-070318

Tot Ion:168 Resp: 279507

Ion Ratio Lower Upper

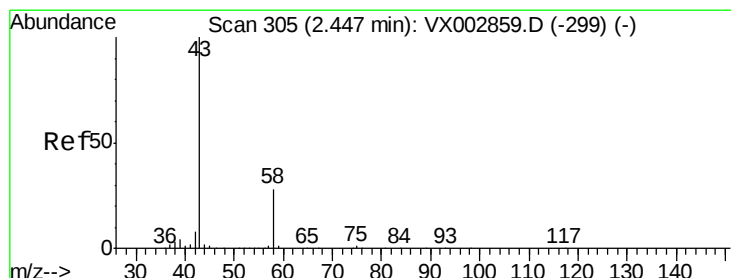
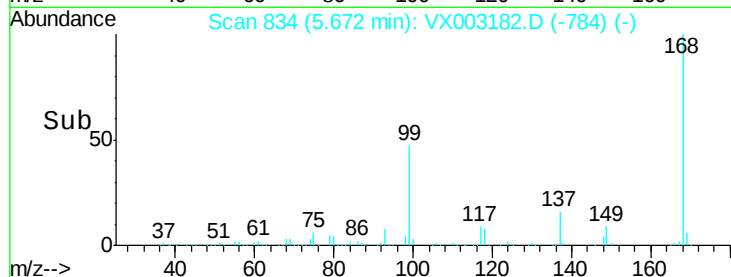
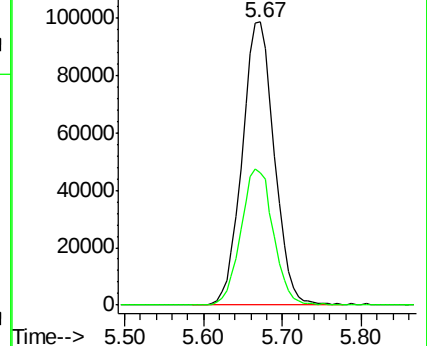
168 100

99 46.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.91 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003182.D

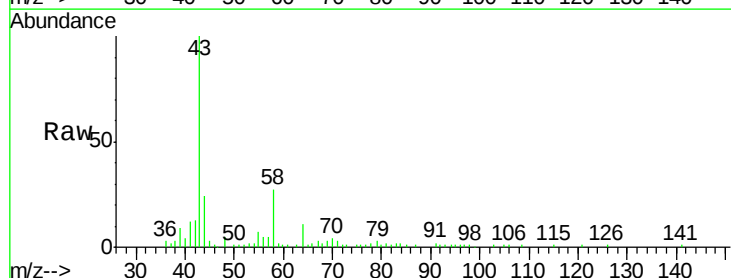
Acq: 05 Jul 2018 19:40

Tgt Ion: 43 Resp: 17452

Ion Ratio Lower Upper

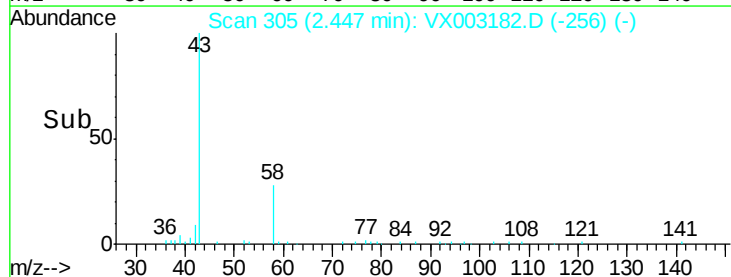
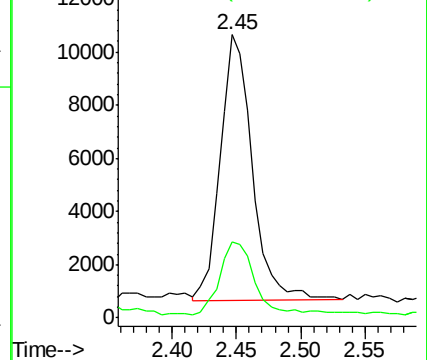
43 100

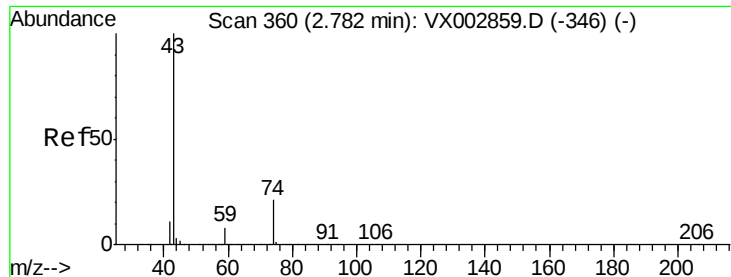
58 27.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 5.34 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003182.D

Acq: 05 Jul 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

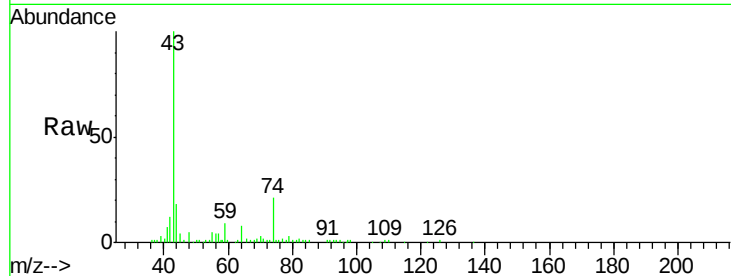
BU-03-070318

Tot Ion: 43 Resp: 23893

Ion Ratio Lower Upper

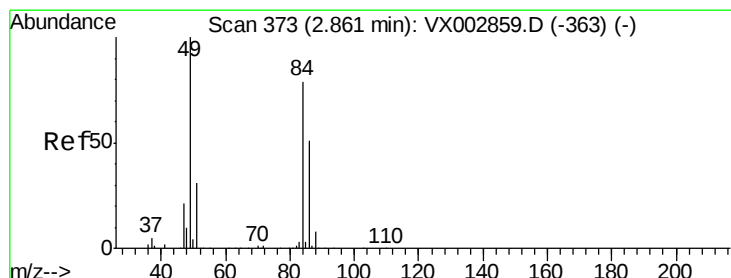
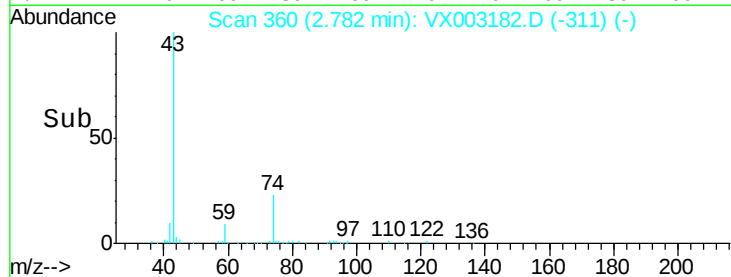
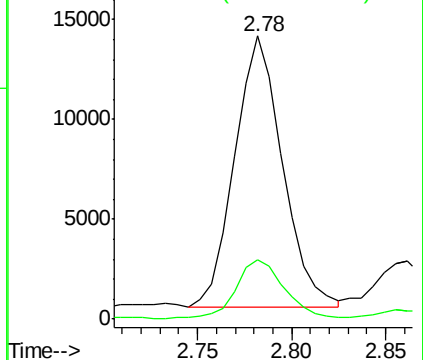
43 100

74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 281.39 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX003182.D

Acq: 05 Jul 2018 19:40

Tgt Ion: 84 Resp: 876100

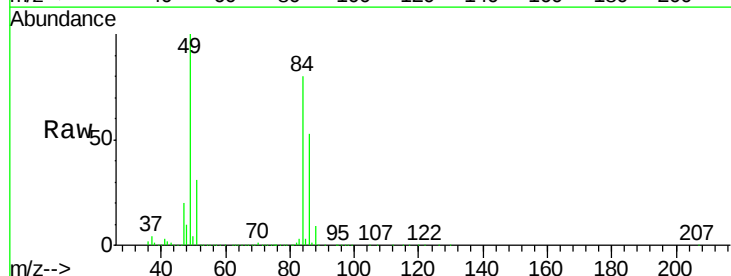
Ion Ratio Lower Upper

84 100

49 124.6 107.8 161.6

51 38.1 32.8 49.2

86 65.8 52.5 78.7

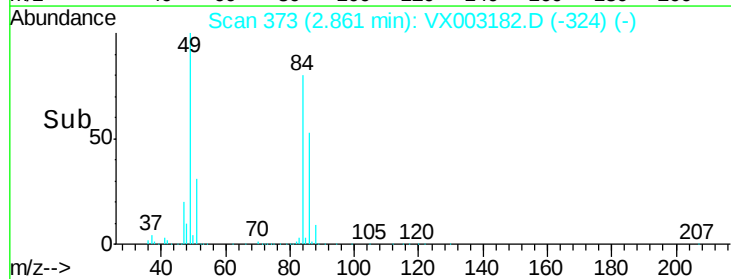
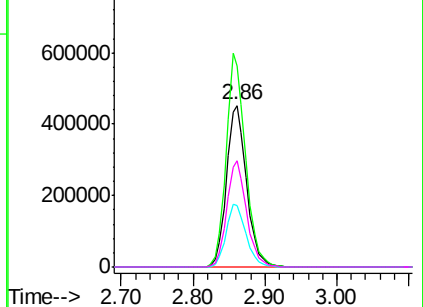


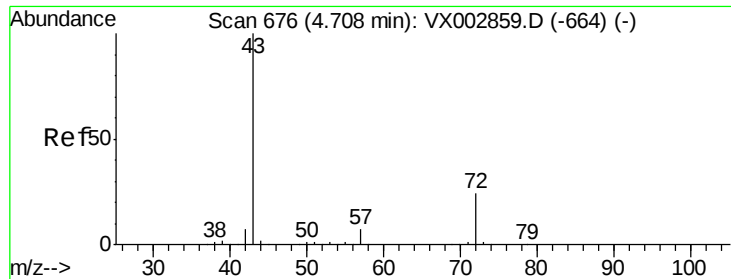
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

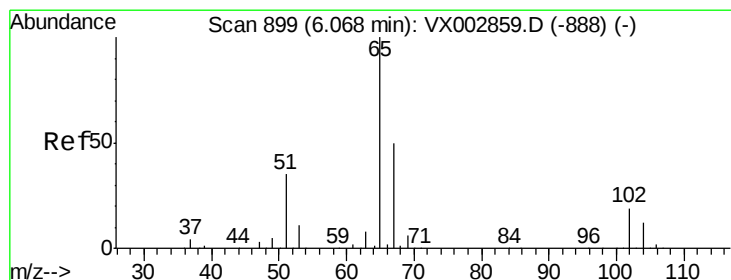
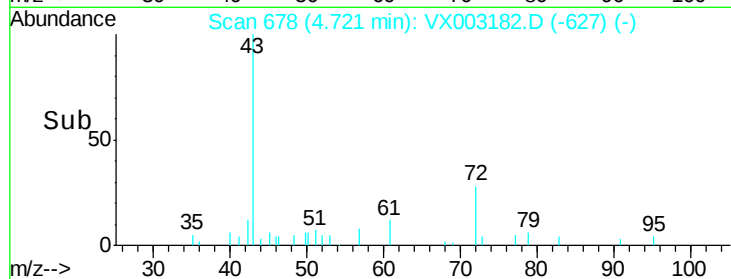
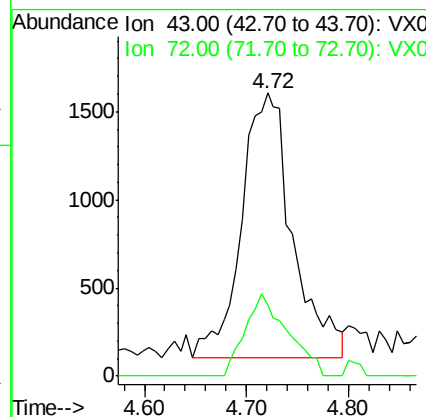
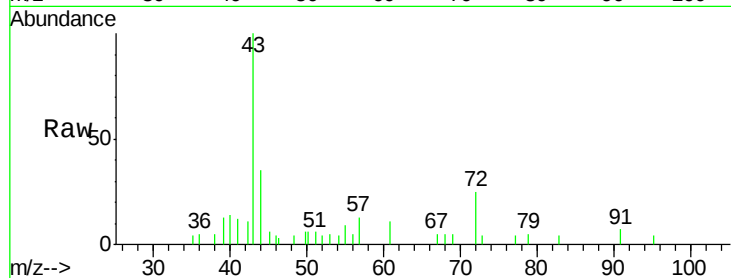




#25
2-Butanone
Concen: 2.19 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

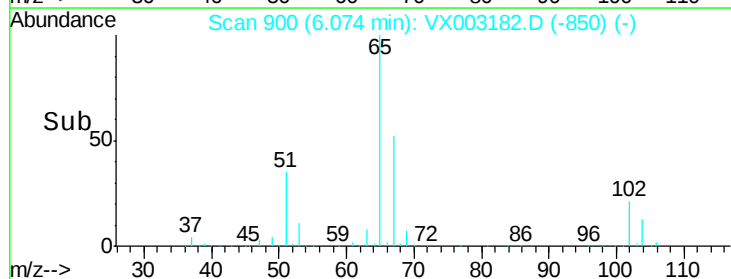
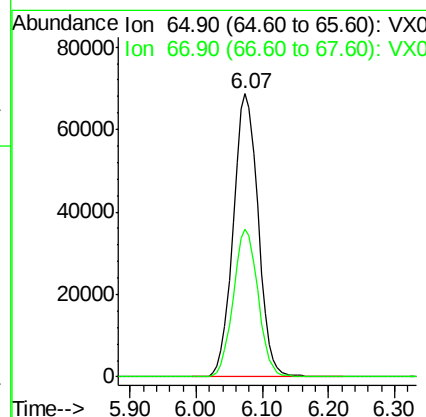
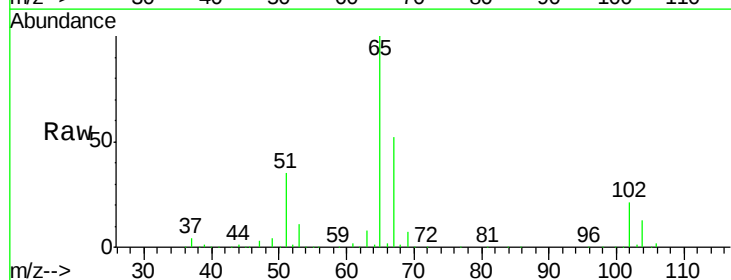
Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

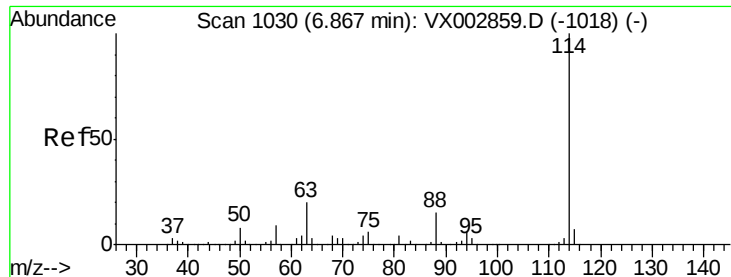
Tot Ion: 43 Resp: 5192
Ion Ratio Lower Upper
43 100
72 26.8 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 46.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion: 65 Resp: 179433
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

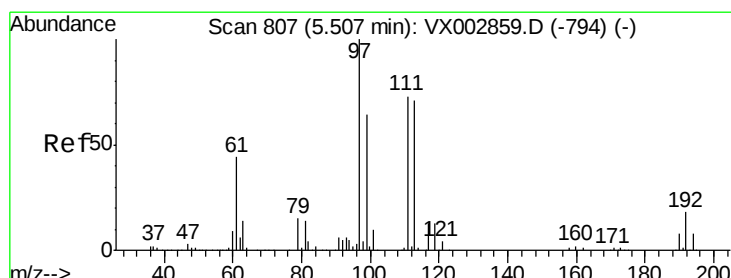
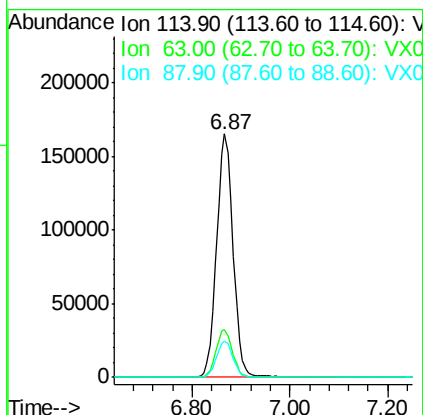
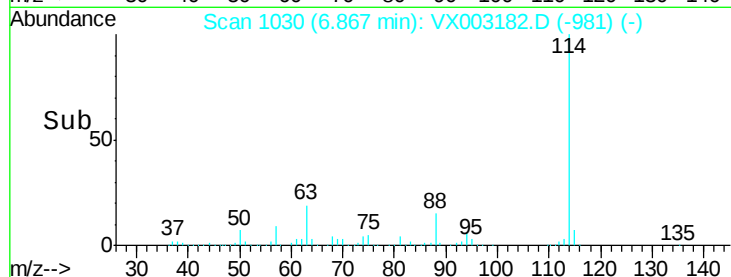
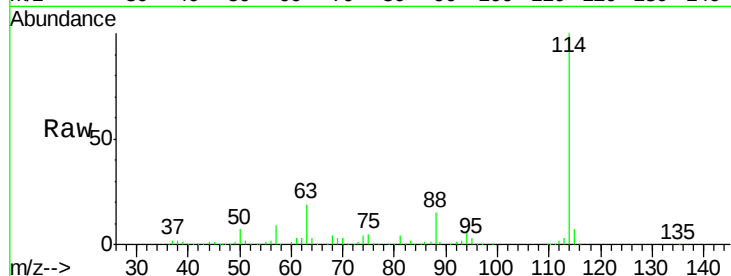




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003182.D
 Acq: 05 Jul 2018 19:40

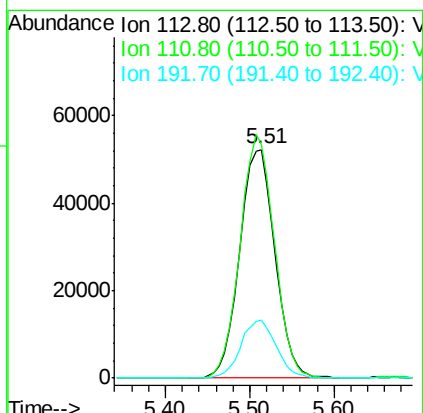
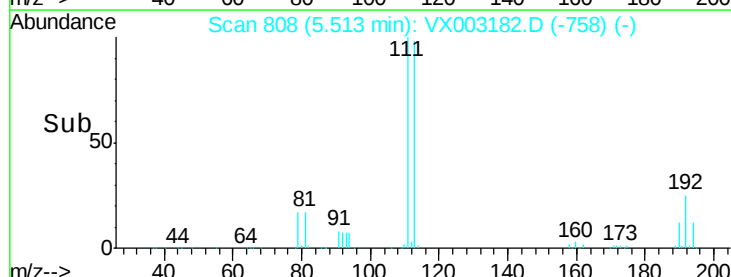
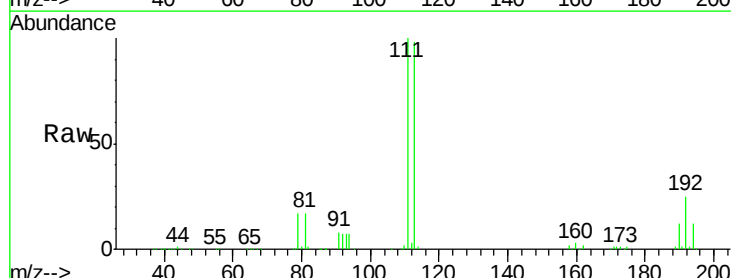
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-070318

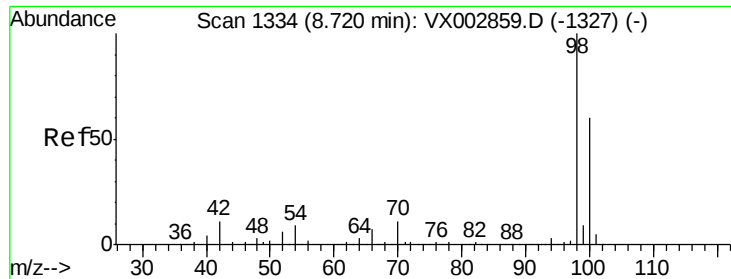
Tot Ion:114 Resp: 387382
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003182.D
 Acq: 05 Jul 2018 19:40

Tgt Ion:113 Resp: 148695
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 25.3 19.1 28.7





#50

Toluene-d8

Concen: 48.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003182.D

Acq: 05 Jul 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

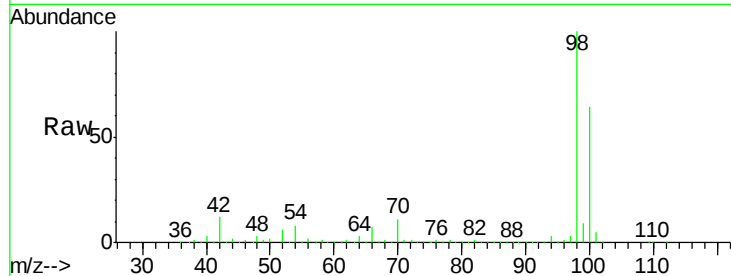
BU-03-070318

Tot Ion: 98 Resp: 545581

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

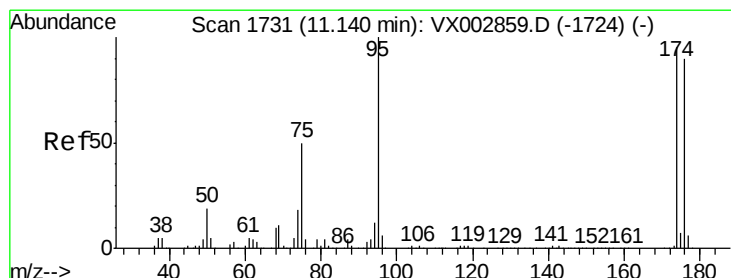
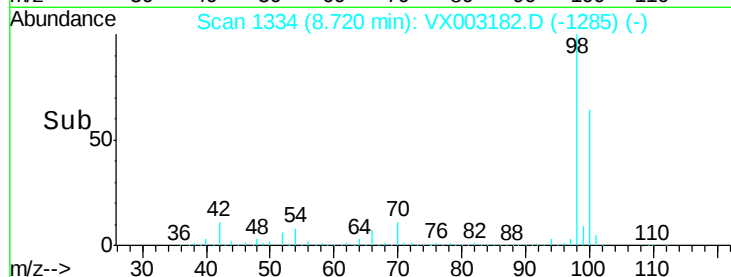
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003182.D

Acq: 05 Jul 2018 19:40

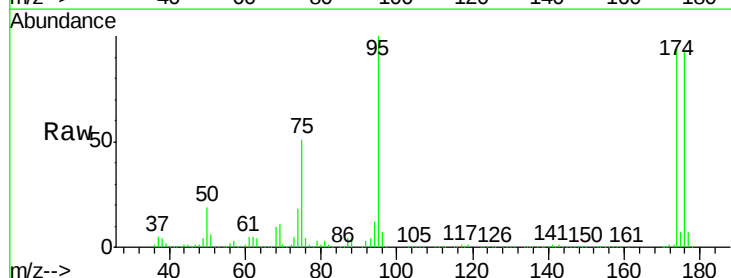
Tgt Ion: 95 Resp: 194512

Ion Ratio Lower Upper

95 100

174 100.0 0.0 187.4

176 97.1 0.0 181.0



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

11.14

200000

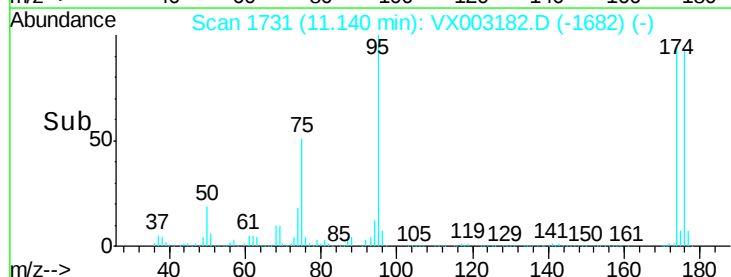
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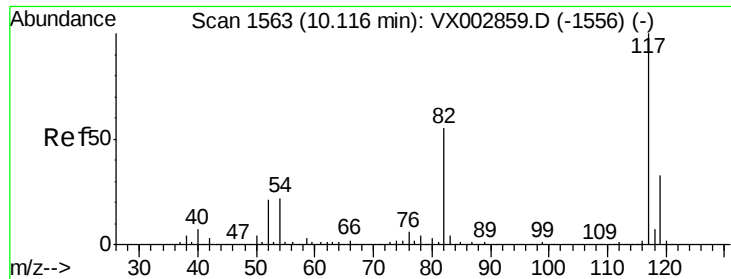
100000

50000

0

Time-->

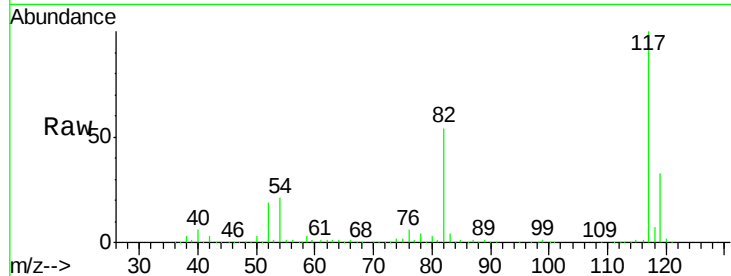




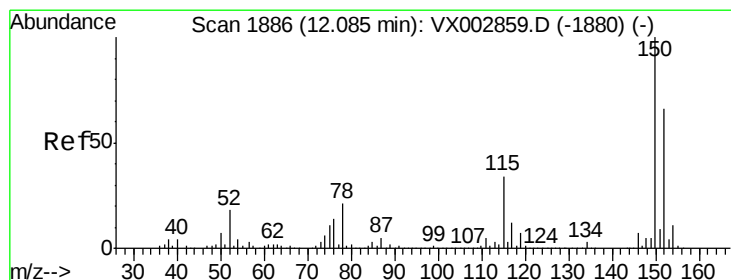
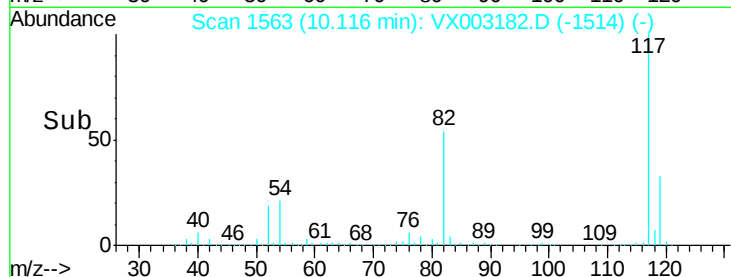
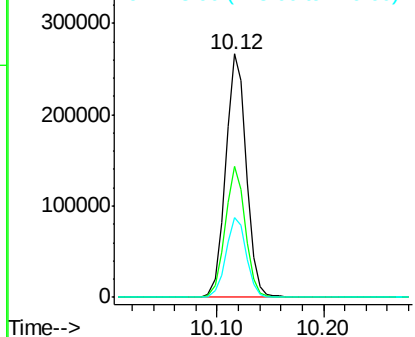
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
BU-03-070318

Tot Ion:117 Resp: 361449
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.8 25.8 38.6

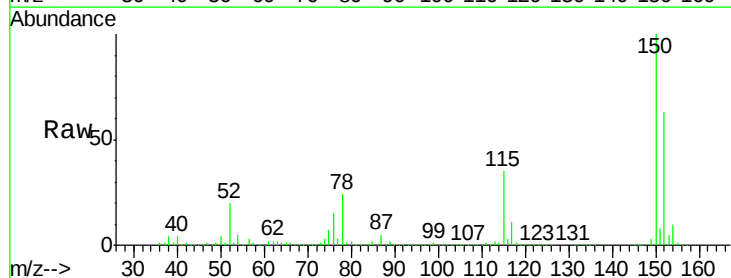


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

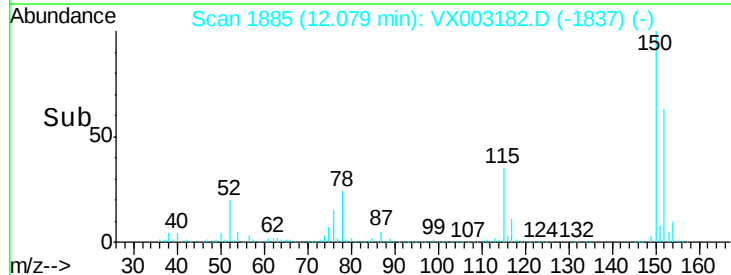
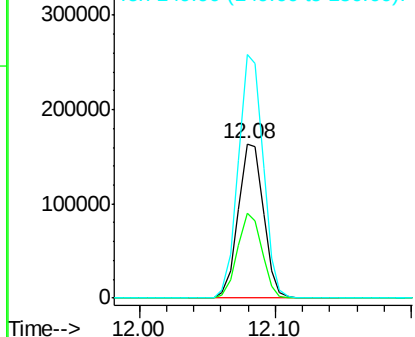


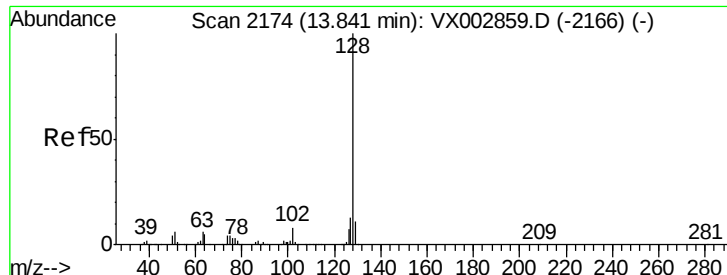
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003182.D
Acq: 05 Jul 2018 19:40

Tgt Ion:152 Resp: 211685
Ion Ratio Lower Upper
152 100
115 53.8 40.1 120.2
150 155.8 0.0 347.2



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: 14.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003182.D

Acq: 05 Jul 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

BU-03-070318

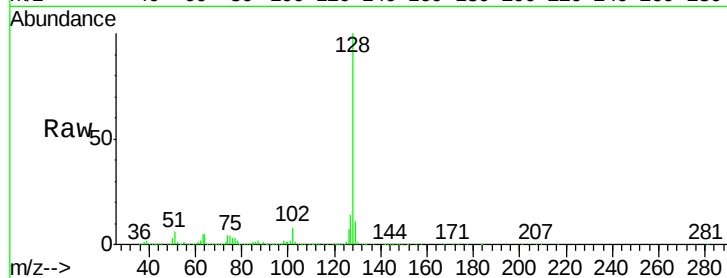
Tot Ion:128 Resp: 205504

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0



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

