

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003380.D
 Acq On : 13 Jul 2018 23:47
 Operator : JC/MD
 Sample : J3820-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-071218

Quant Time: Jul 14 03:29:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

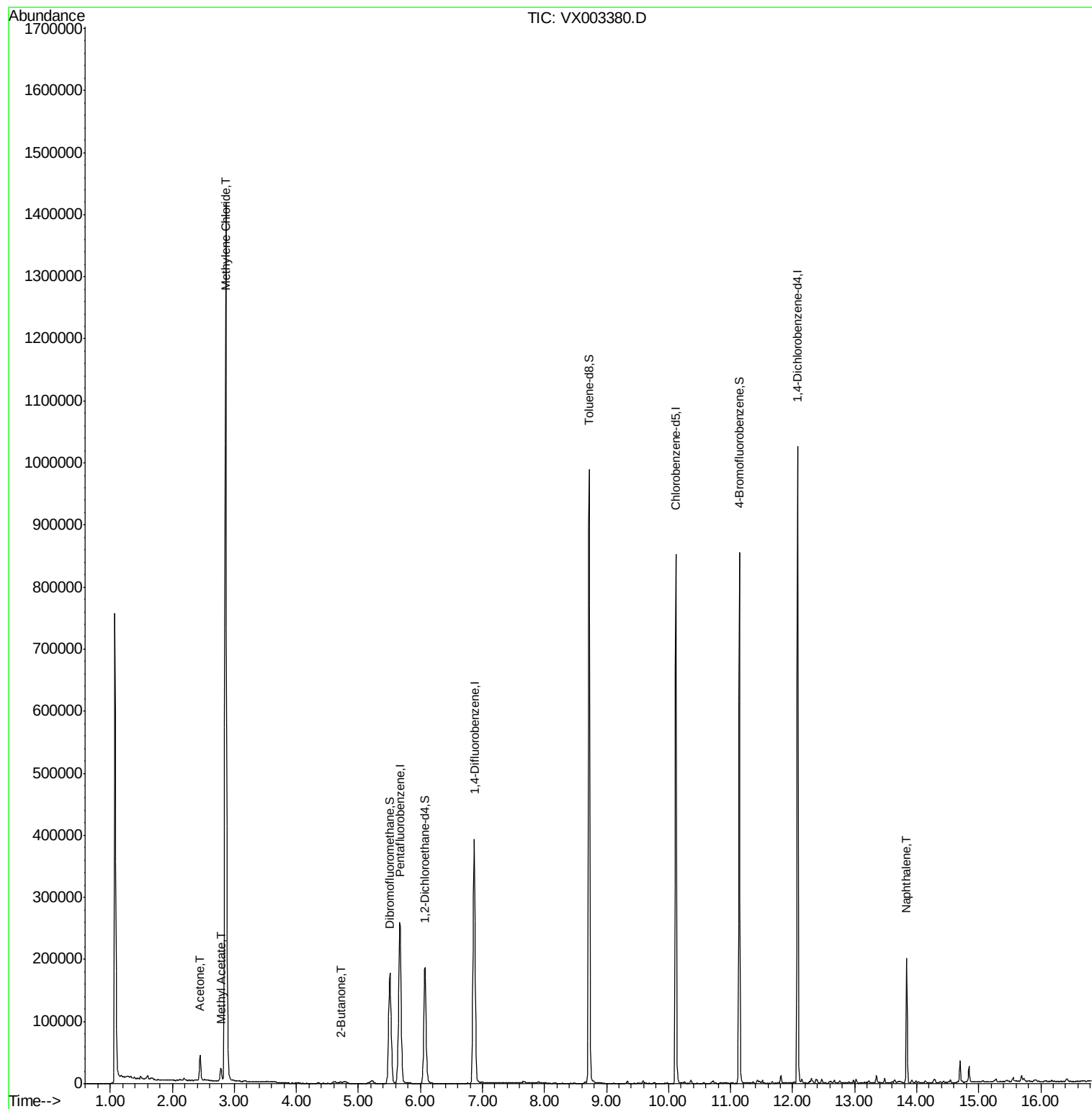
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178254	61.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.92%	
35) Dibromofluoromethane	5.51	113	151373	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	8.72	98	604000	62.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.32%	
62) 4-Bromofluorobenzene	11.14	95	208293	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
Target Compounds						
16) Acetone	2.45	43	43754	29.25	ug/l	91
18) Methyl Acetate	2.78	43	25506	5.49	ug/l	95
20) Methylene Chloride	2.86	84	682586	218.79	ug/l	93
25) 2-Butanone	4.71	43	3668	1.58	ug/l	97
95) Naphthalene	13.83	128	128969	8.53	ug/l	100

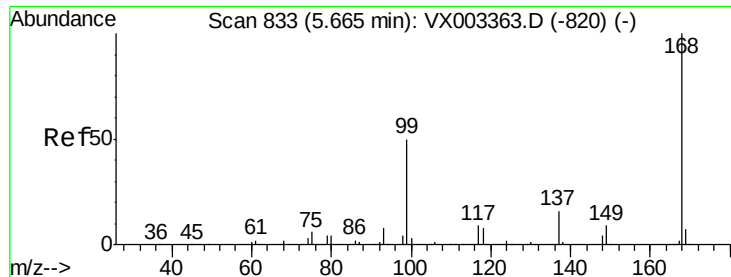
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

Instrument :

MSVOA_X

ClientSampled :

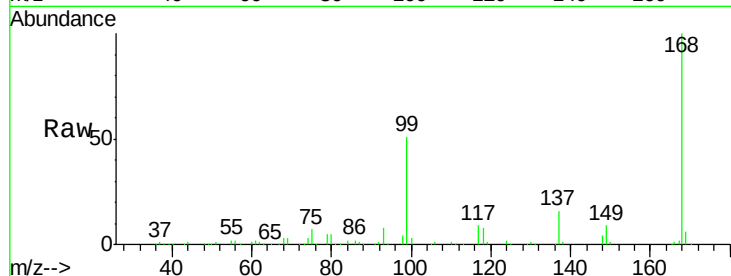
BU-02-071218

Tot Ion:168 Resp: 266513

Ion Ratio Lower Upper

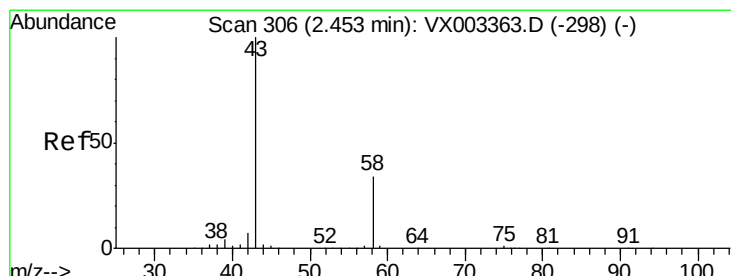
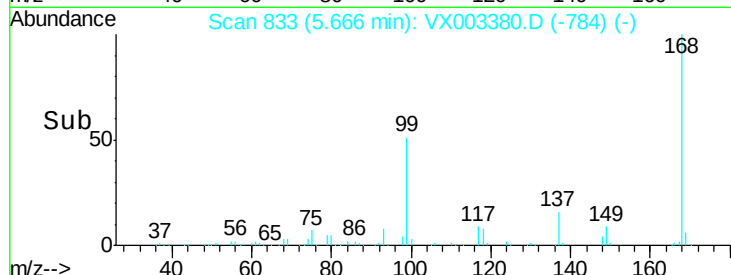
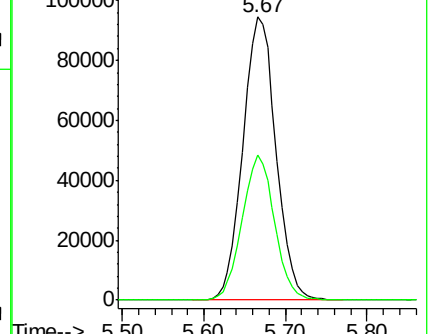
168 100

99 51.5 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: 29.25 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003380.D

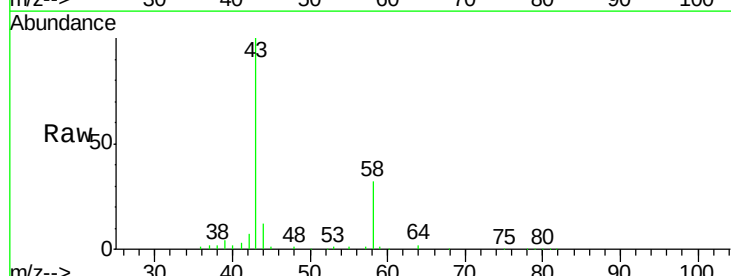
Acq: 13 Jul 2018 23:47

Tgt Ion: 43 Resp: 43754

Ion Ratio Lower Upper

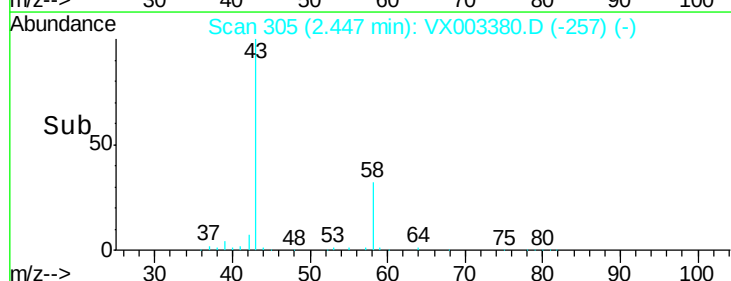
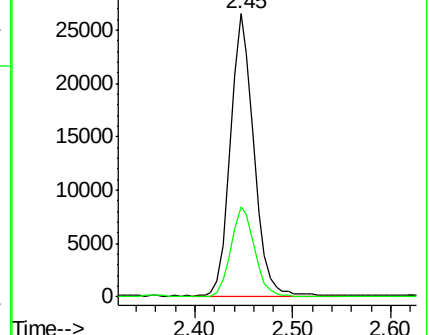
43 100

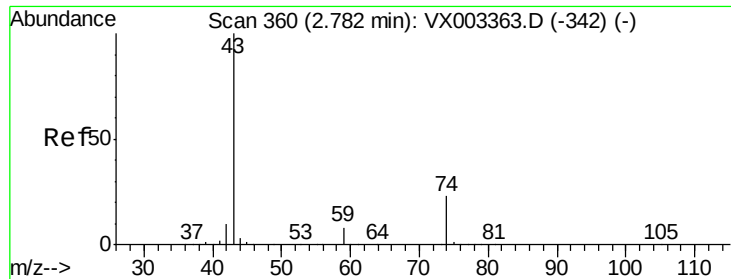
58 32.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

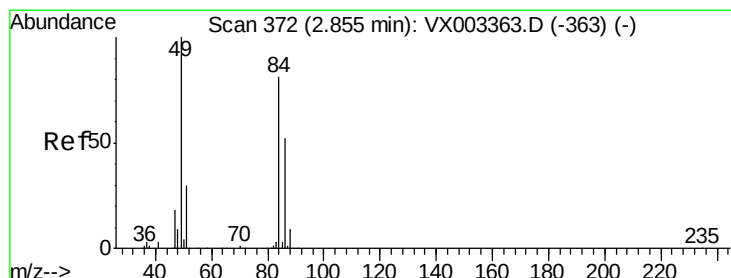
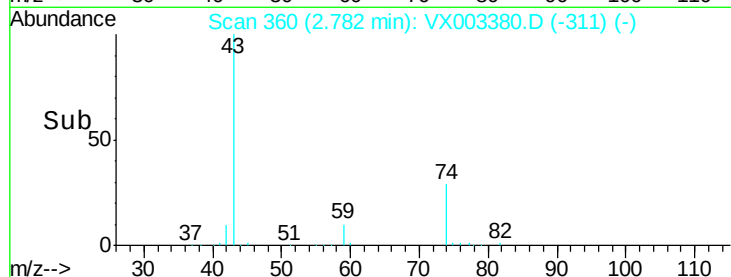
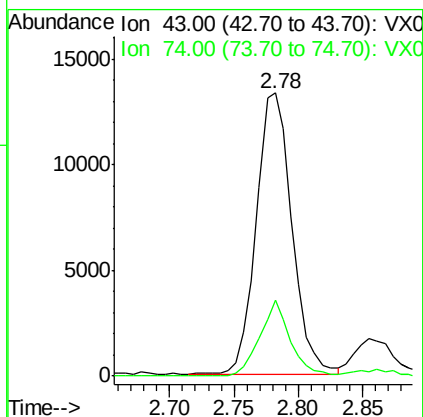
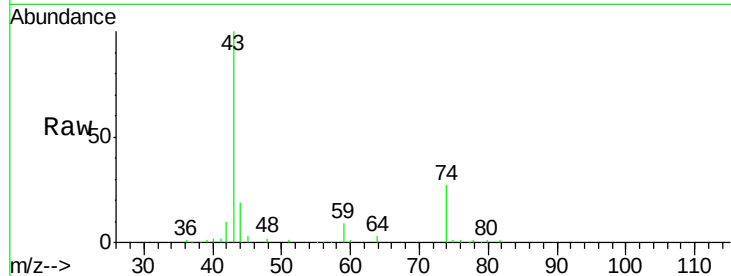




#18
Methyl Acetate
Concen: 5.49 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

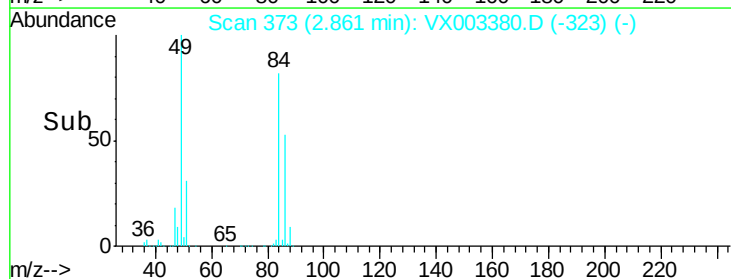
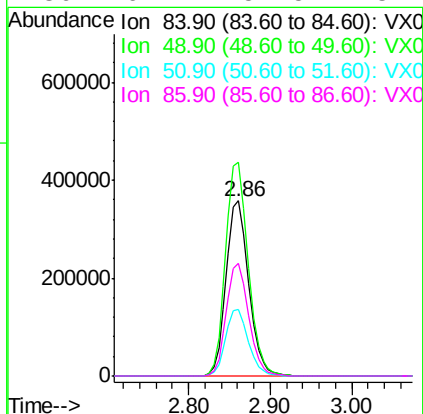
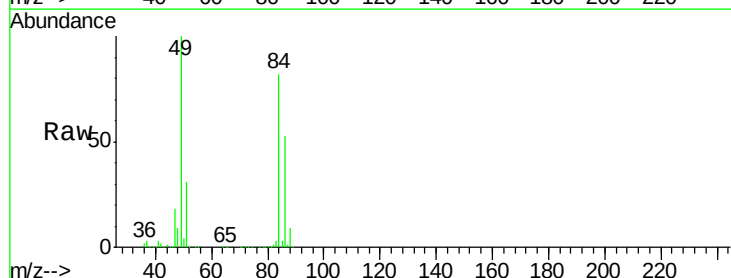
Instrument :
MSVOA_X
ClientSampled :
BU-02-071218

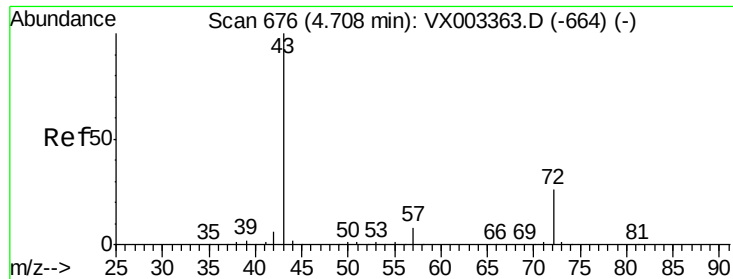
Tot Ion: 43 Resp: 25506
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1



#20
Methylene Chloride
Concen: 218.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003380.D
Acq: 13 Jul 2018 23:47

Tgt Ion: 84 Resp: 682586
Ion Ratio Lower Upper
84 100
49 121.9 107.8 161.6
51 37.7 32.8 49.2
86 64.4 52.5 78.7





#25

2-Butanone

Concen: 1.58 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

Instrument :

MSVOA_X

ClientSampled :

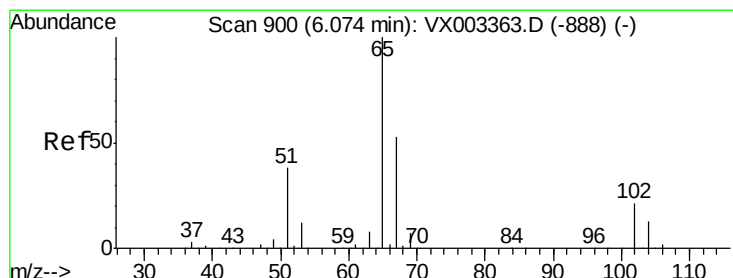
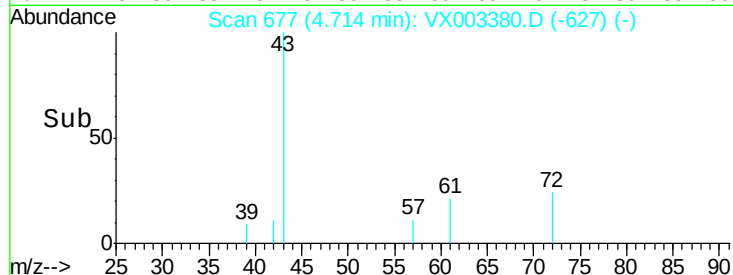
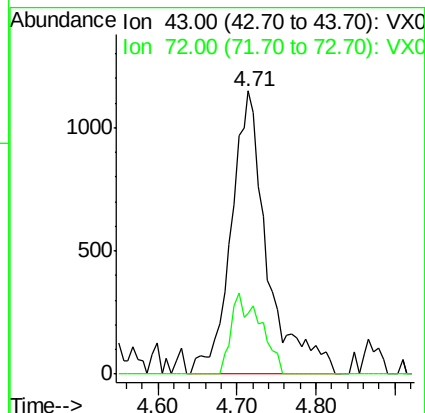
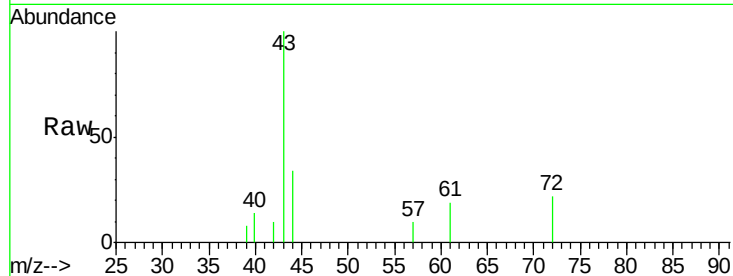
BU-02-071218

Tot Ion: 43 Resp: 3668

Ion Ratio Lower Upper

43 100

72 21.6 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 61.46 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003380.D

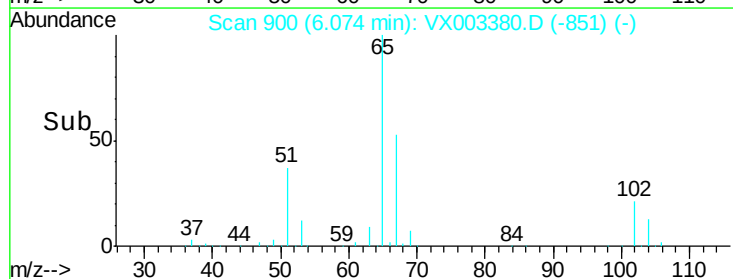
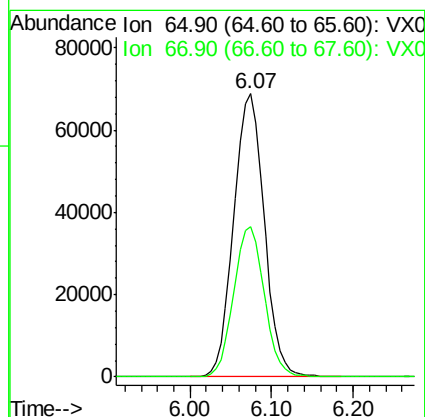
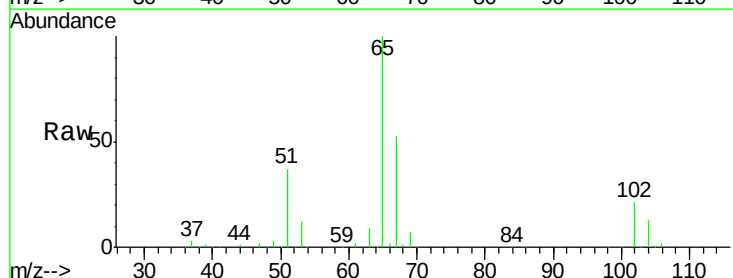
Acq: 13 Jul 2018 23:47

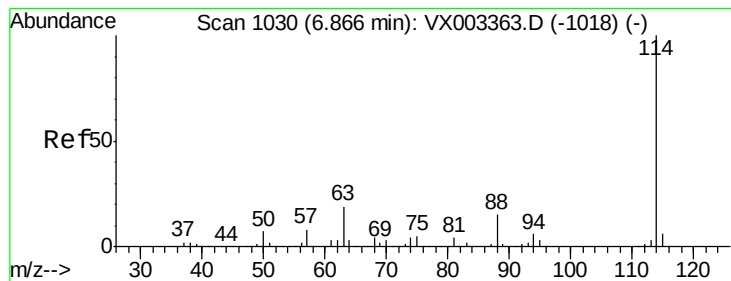
Tgt Ion: 65 Resp: 178254

Ion Ratio Lower Upper

65 100

67 53.3 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: VX003380.D

Acq: 13 Jul 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

BU-02-071218

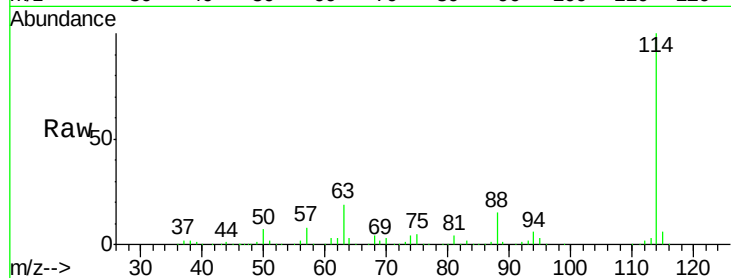
Tot Ion:114 Resp: 405174

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

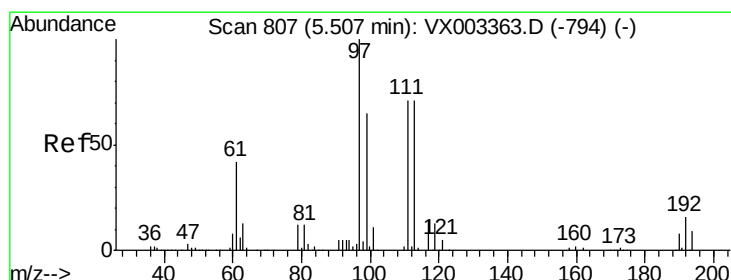
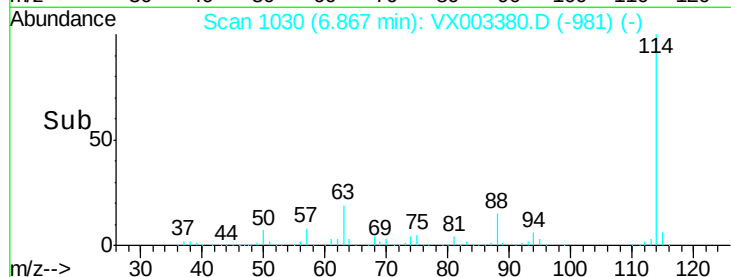
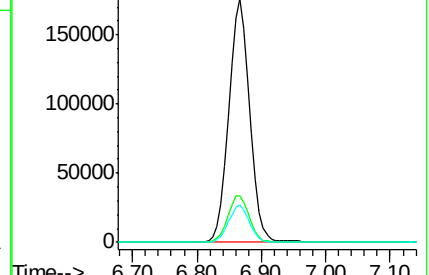
88 15.3 0.0 30.0



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: 50.76 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

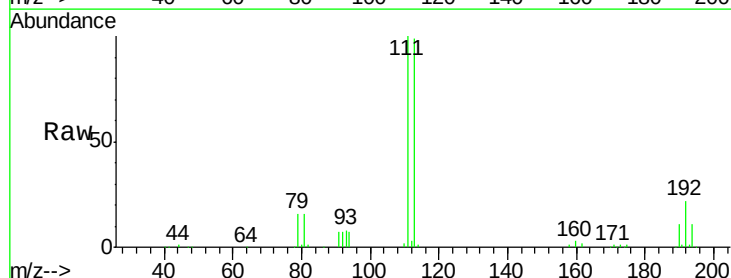
Tgt Ion:113 Resp: 151373

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

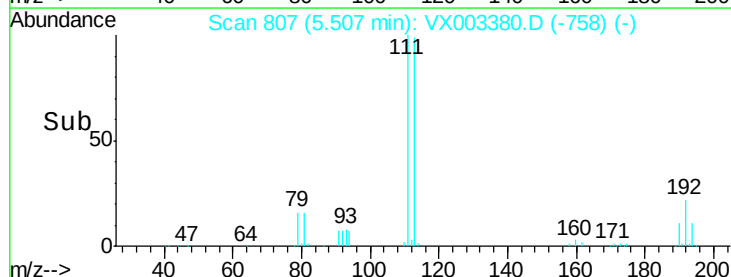
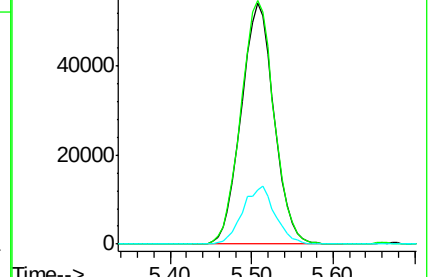
192 23.6 19.1 28.7

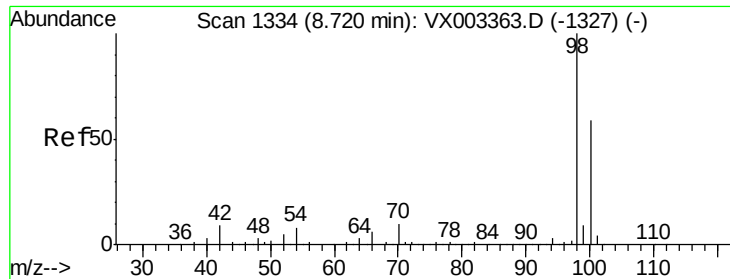


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 62.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

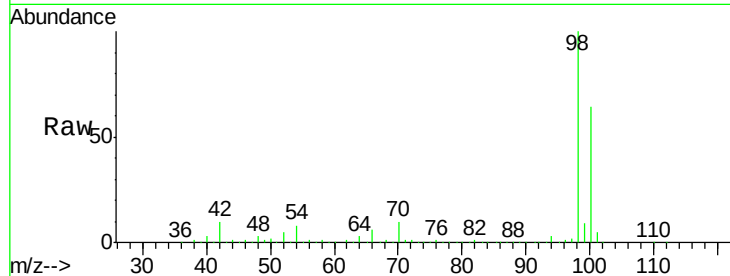
BU-02-071218

Tot Ion: 98 Resp: 604000

Ion Ratio Lower Upper

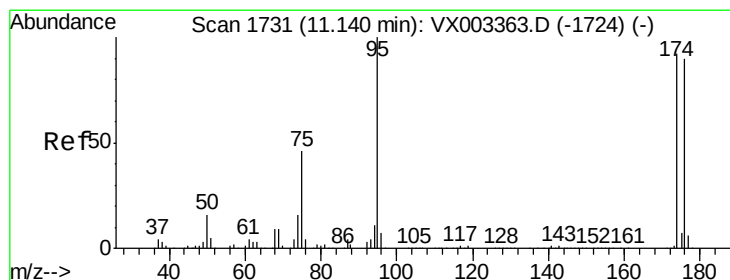
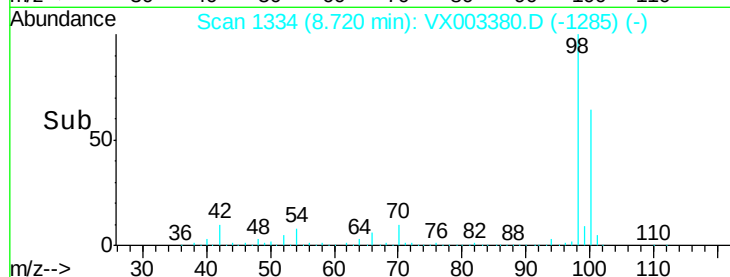
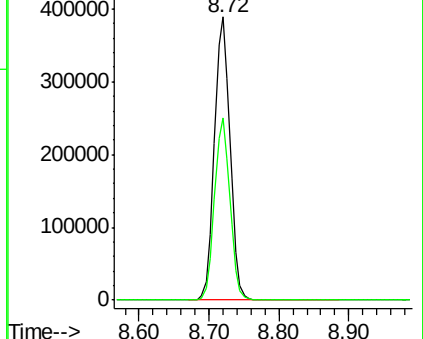
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 50.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

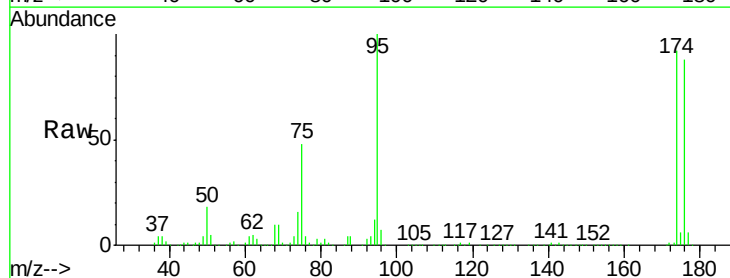
Tgt Ion: 95 Resp: 208293

Ion Ratio Lower Upper

95 100

174 93.1 0.0 187.4

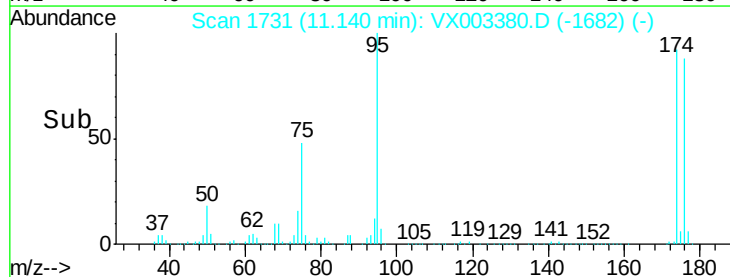
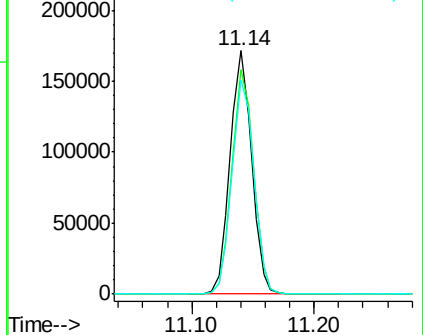
176 89.5 0.0 181.0

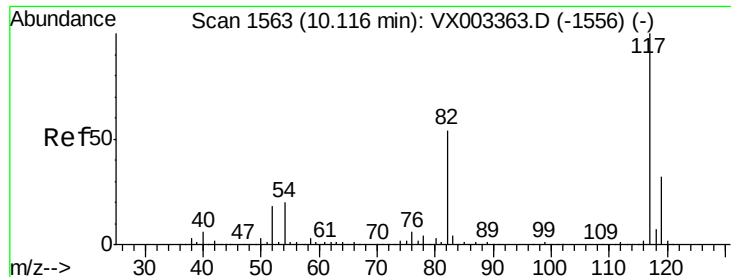


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

BU-02-071218

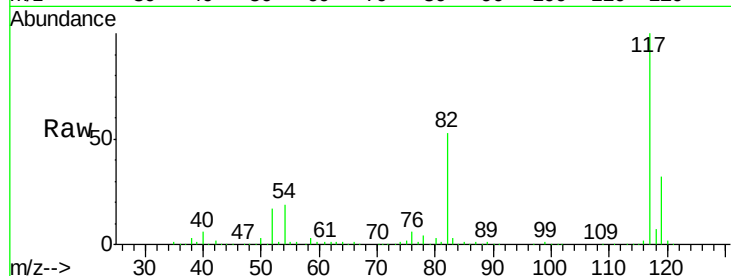
Tot Ion:117 Resp: 394505

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.4

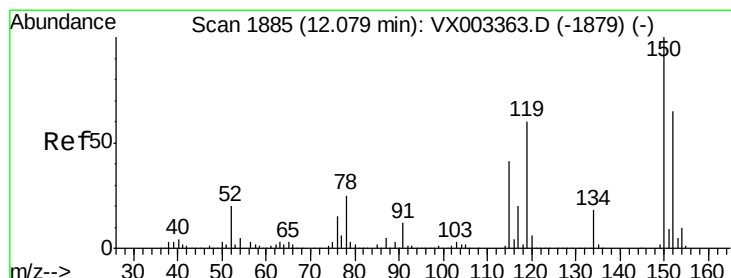
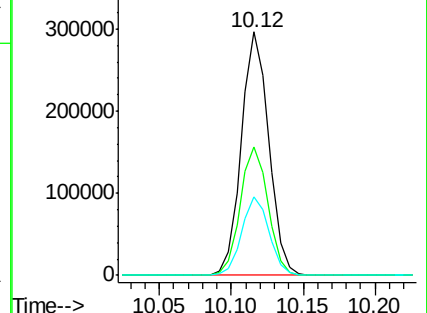
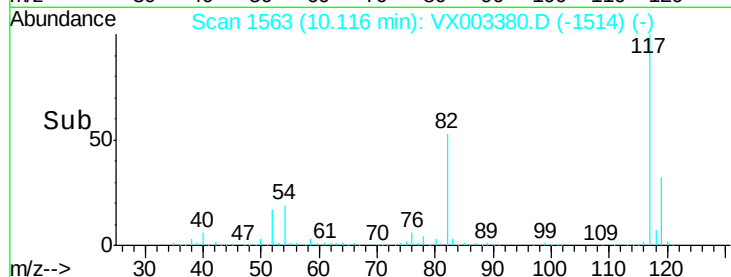
119 32.0 25.8 38.6



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. 0.00 min

Lab File: VX003380.D

Acq: 13 Jul 2018 23:47

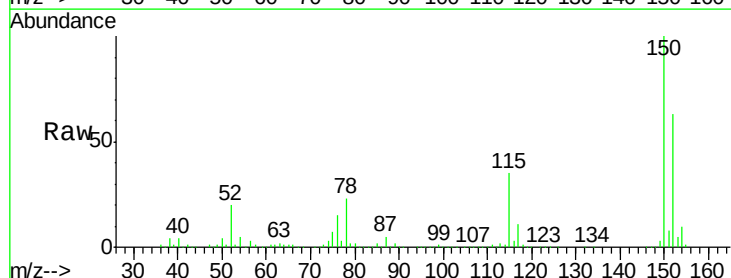
Tgt Ion:152 Resp: 215927

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

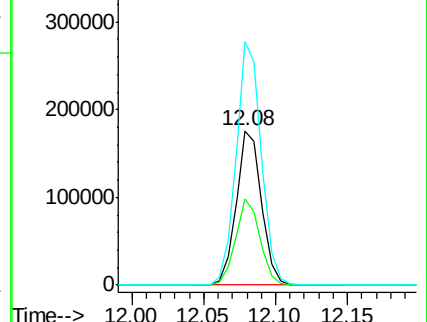
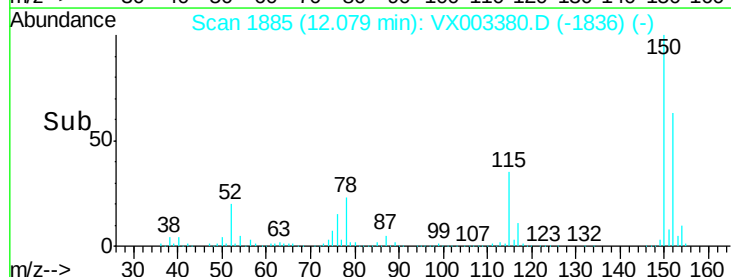
150 157.8 0.0 347.2

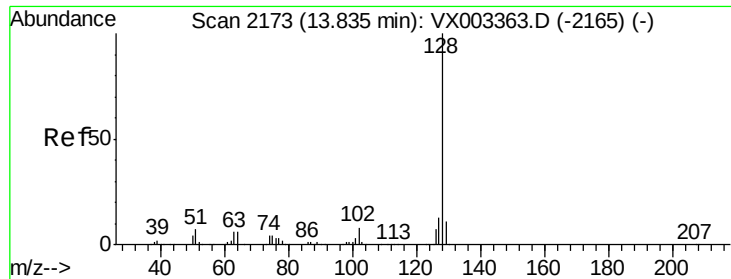


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

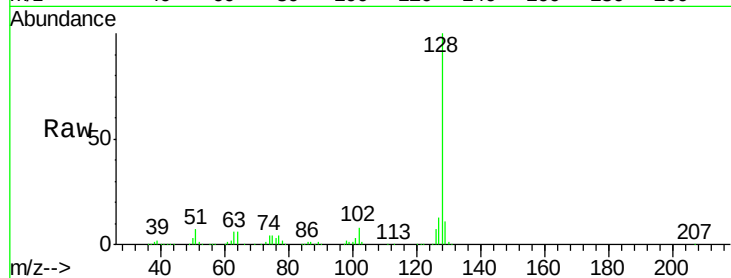




#95
 Naphthalene
 Concen: 8.53 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003380.D
 Acq: 13 Jul 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-071218

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	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

