

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002071.D
 Acq On : 27 May 2018 16:25
 Operator : JC/MD
 Sample : J3099-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 03:55:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

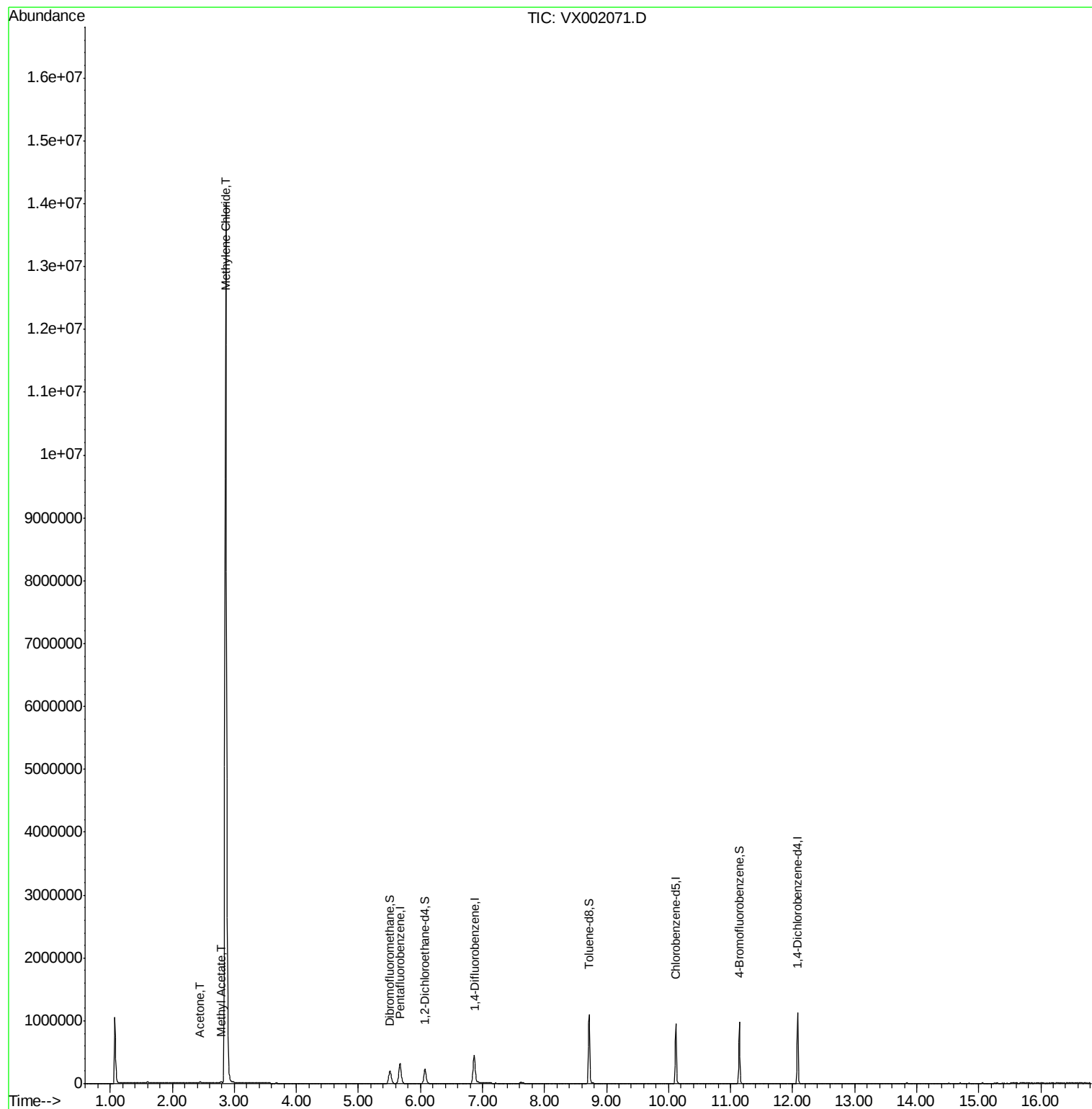
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	454749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	236568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213269	37.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.46%	
35) Dibromofluoromethane	5.51	113	166046	36.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.02%	
50) Toluene-d8	8.72	98	642613	39.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.06%	
62) 4-Bromofluorobenzene	11.14	95	235554	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	2.45	43	18326	8.29	ug/l	97
18) Methyl Acetate	2.78	43	26890	4.00	ug/l	99
20) Methylene Chloride	2.86	84	6580497	1776.84	ug/l	95

(#) = 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. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA_X

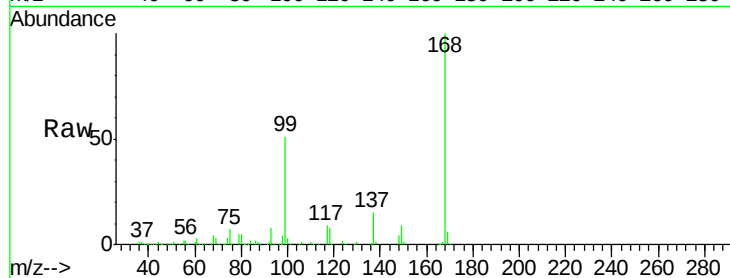
ClientSampleId :

Tot Ion:168 Resp: 320445

Ion Ratio Lower Upper

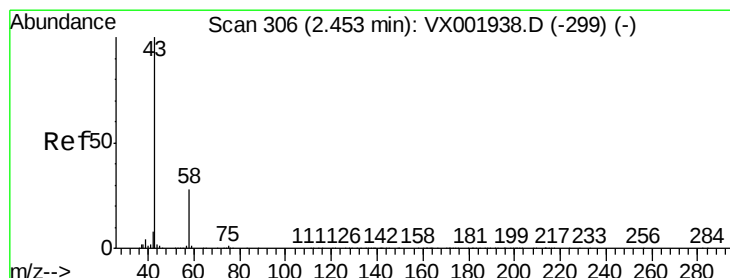
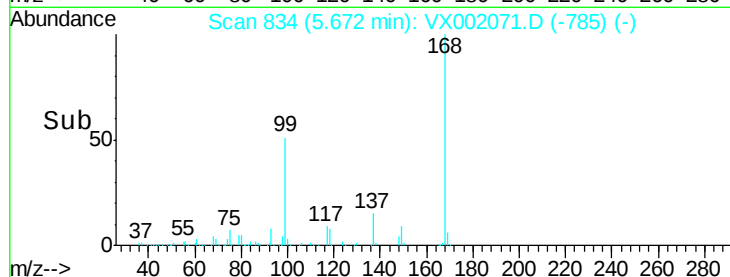
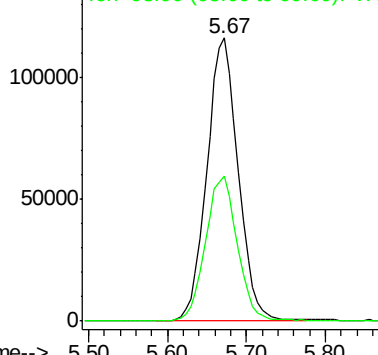
168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.29 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002071.D

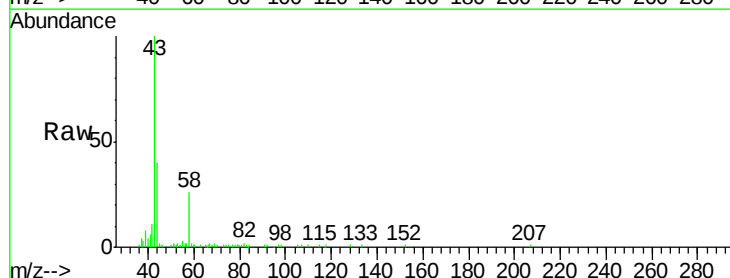
Acq: 27 May 2018 16:25

Tgt Ion: 43 Resp: 18326

Ion Ratio Lower Upper

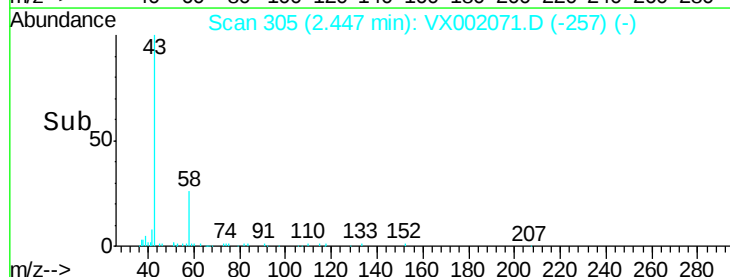
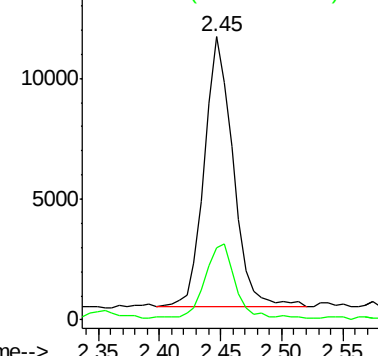
43 100

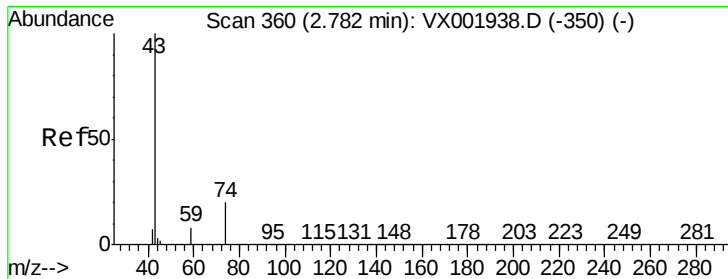
58 26.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

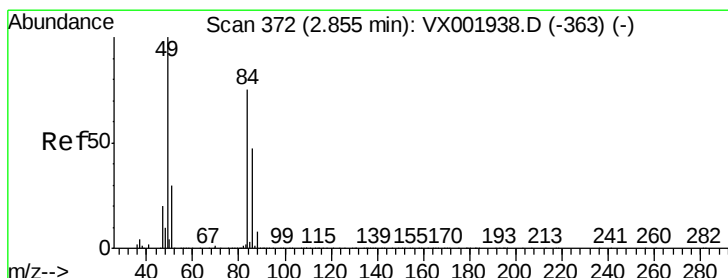
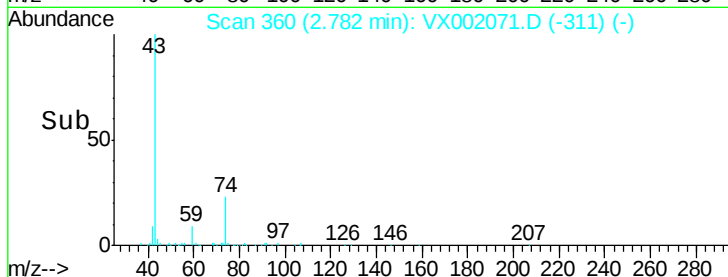
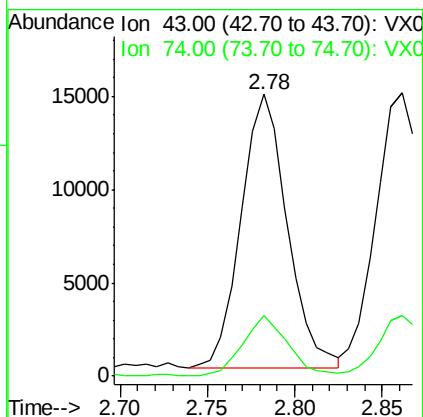
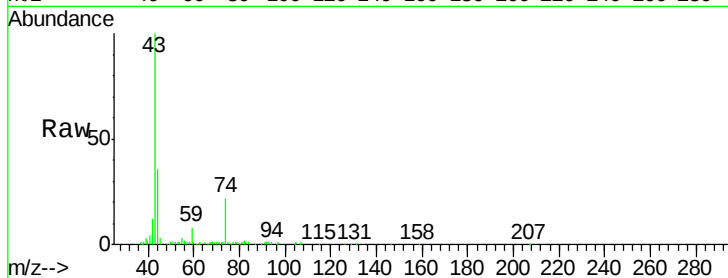




#18
Methyl Acetate
Concen: 4.00 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002071.D
Acq: 27 May 2018 16:25

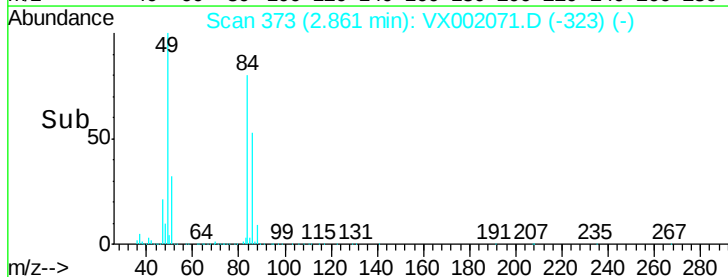
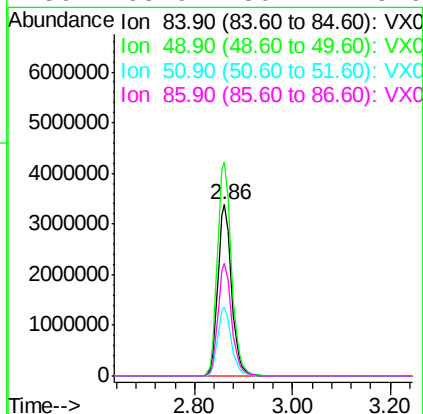
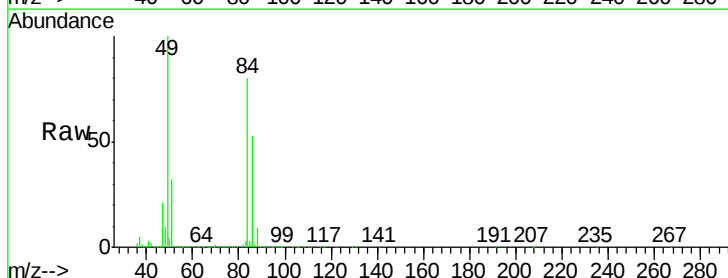
Instrument :
MSVOA_X
ClientSampleId :

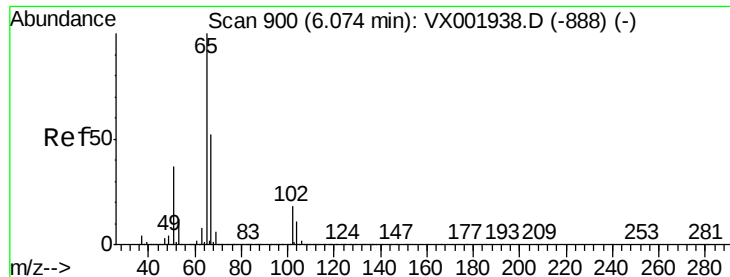
Tot Ion: 43 Resp: 26890
Ion Ratio Lower Upper
43 100
74 21.6 16.8 25.2



#20
Methylene Chloride
Concen: 1776.84 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002071.D
Acq: 27 May 2018 16:25

Tgt Ion: 84 Resp: 6580497
Ion Ratio Lower Upper
84 100
49 124.9 107.2 160.8
51 40.2 32.4 48.6
86 65.9 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 37.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA_X

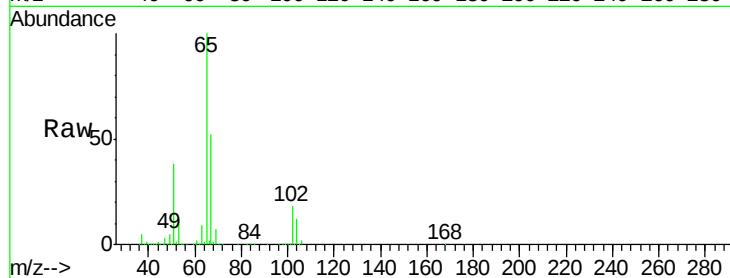
ClientSampleId :

Tot Ion: 65 Resp: 213269

Ion Ratio Lower Upper

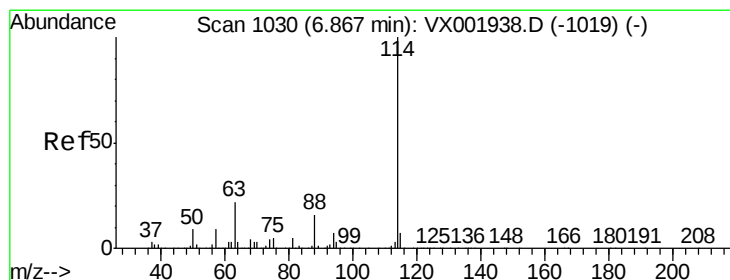
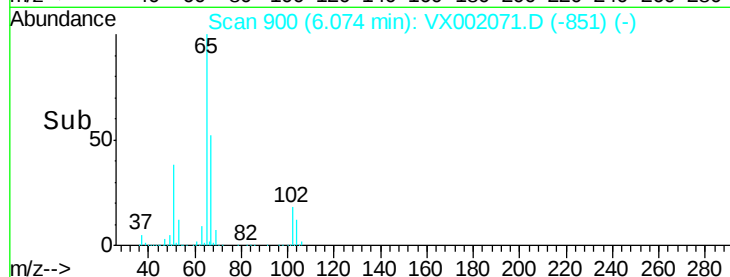
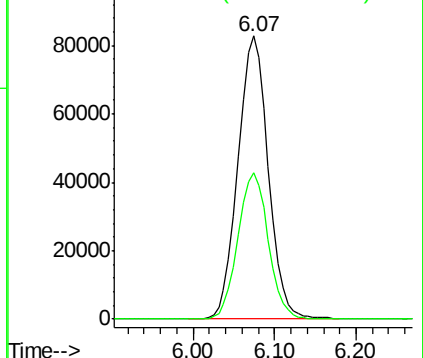
65 100

67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

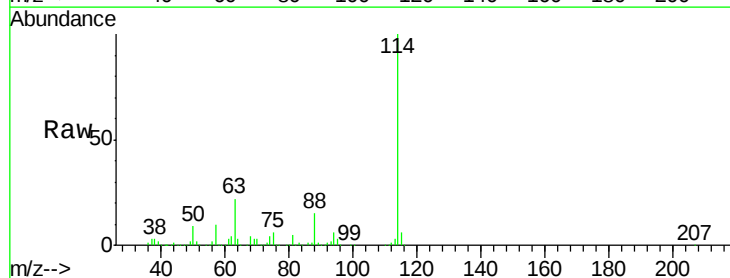
Tgt Ion: 114 Resp: 454749

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

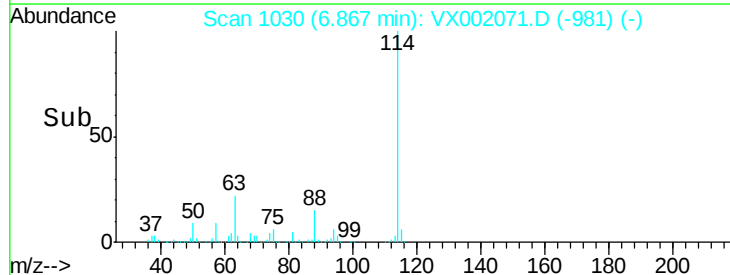
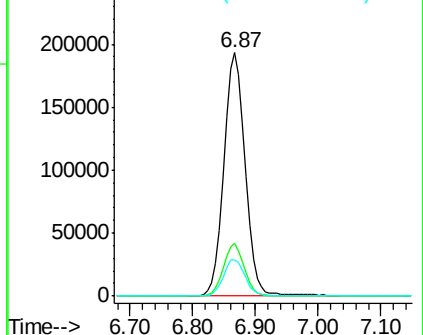
88 15.1 0.0 31.6

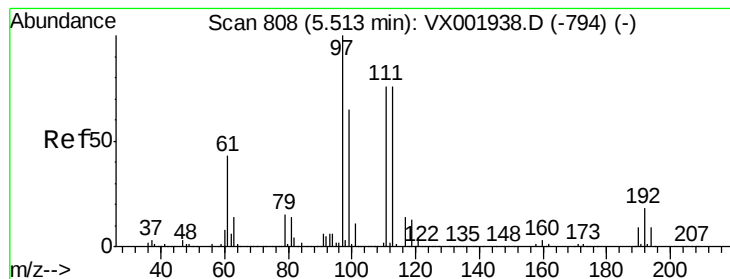


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 36.51 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

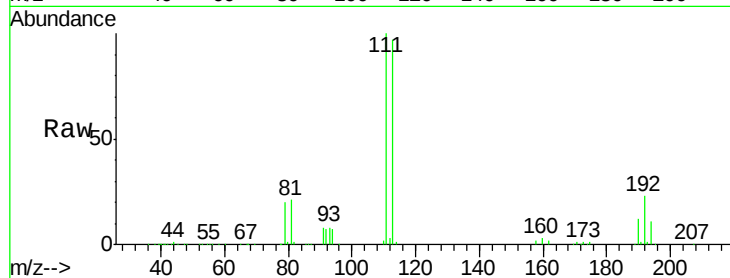
Tot Ion:113 Resp: 166046

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

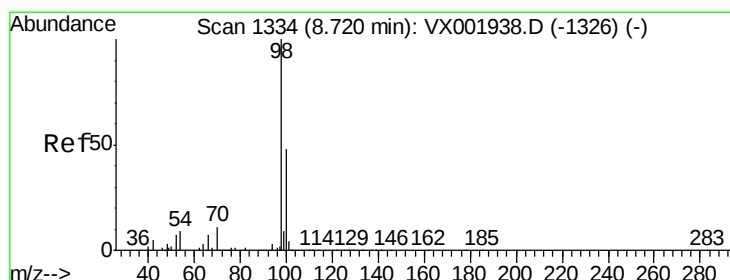
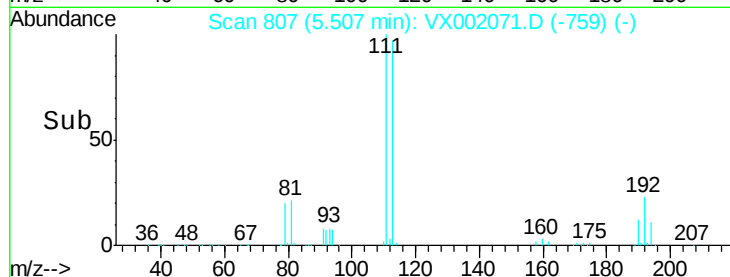
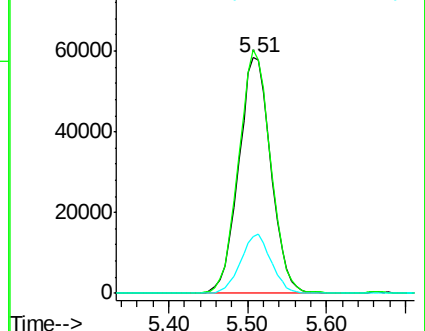
192 23.9 18.9 28.3



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: 39.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002071.D

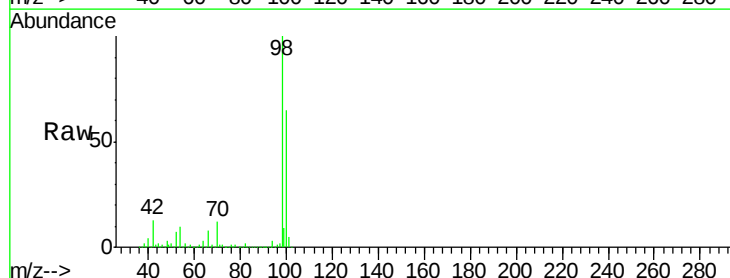
Acq: 27 May 2018 16:25

Tgt Ion: 98 Resp: 642613

Ion Ratio Lower Upper

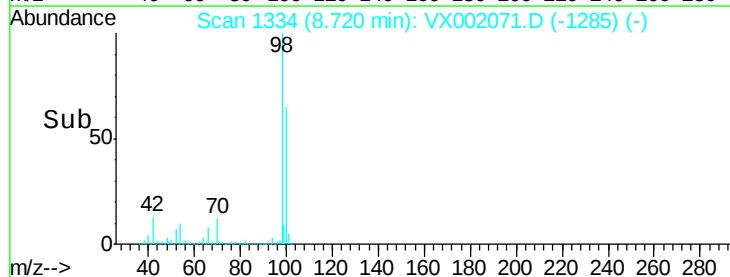
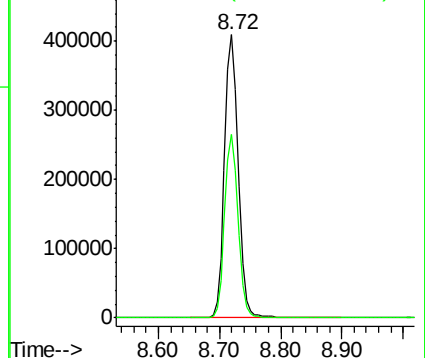
98 100

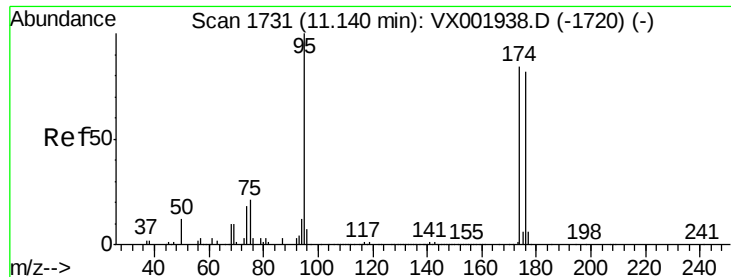
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 36.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

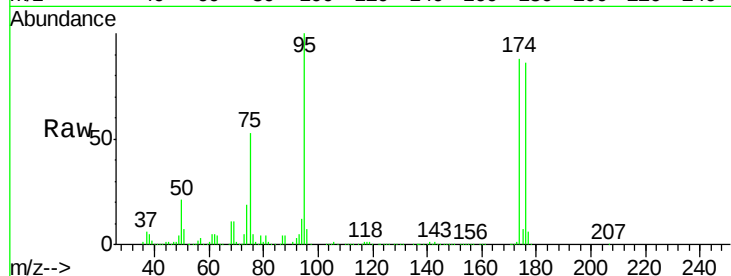
Tot Ion: 95 Resp: 23554

Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.8

176 89.9 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)

11.14

150000

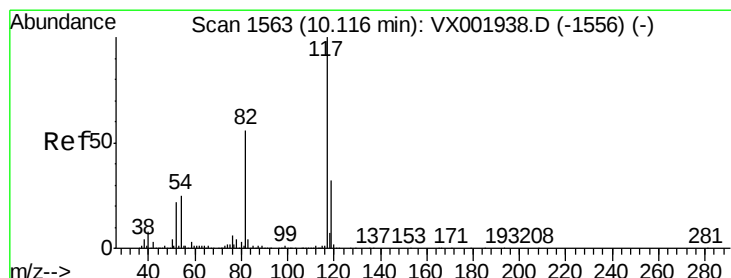
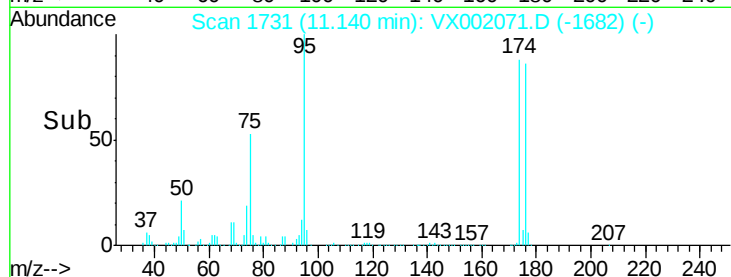
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

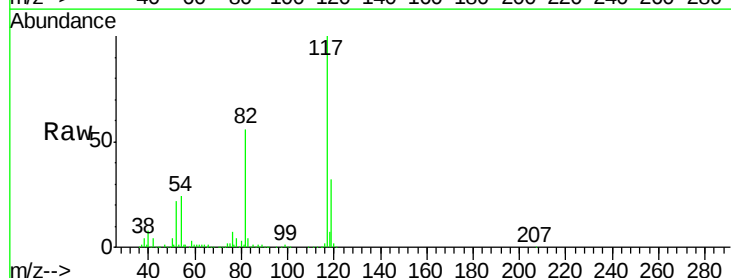
Tgt Ion: 117 Resp: 412675

Ion Ratio Lower Upper

117 100

82 56.4 44.8 67.2

119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)

10.12

400000

300000

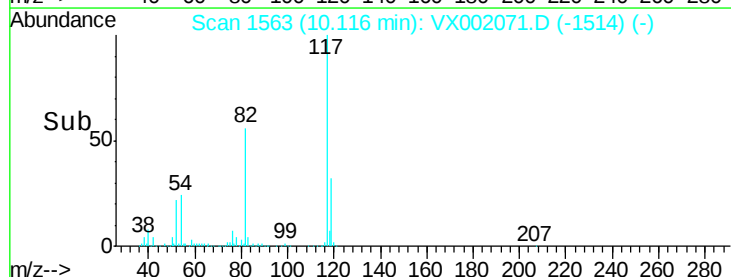
200000

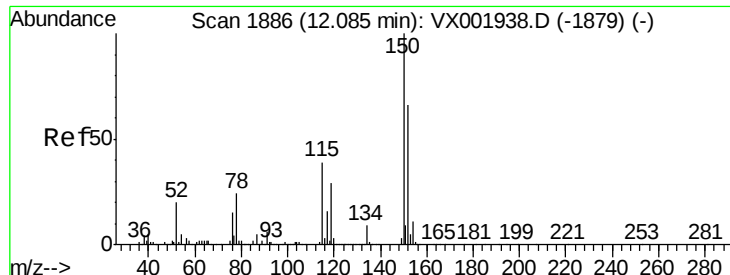
100000

0

10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

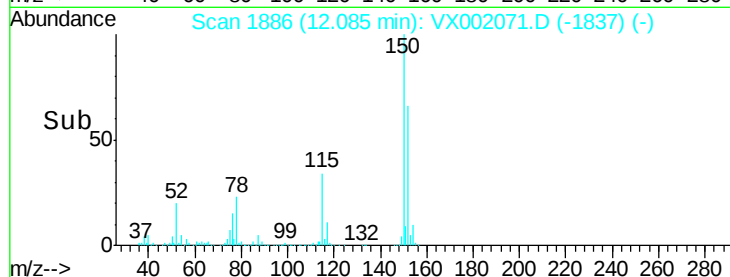
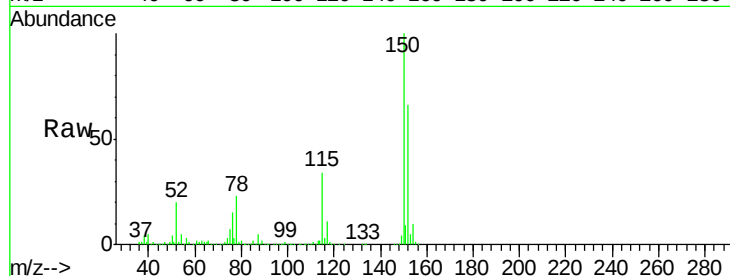
Tot Ion:152 Resp: 236568

Ion Ratio Lower Upper

152 100

115 55.5 42.3 126.8

150 155.1 0.0 351.0



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

