

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002965.D
 Acq On : 28 Jun 2018 04:52
 Operator : JC/MD
 Sample : J3618-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-16

Quant Time: Jun 28 15:35:35 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

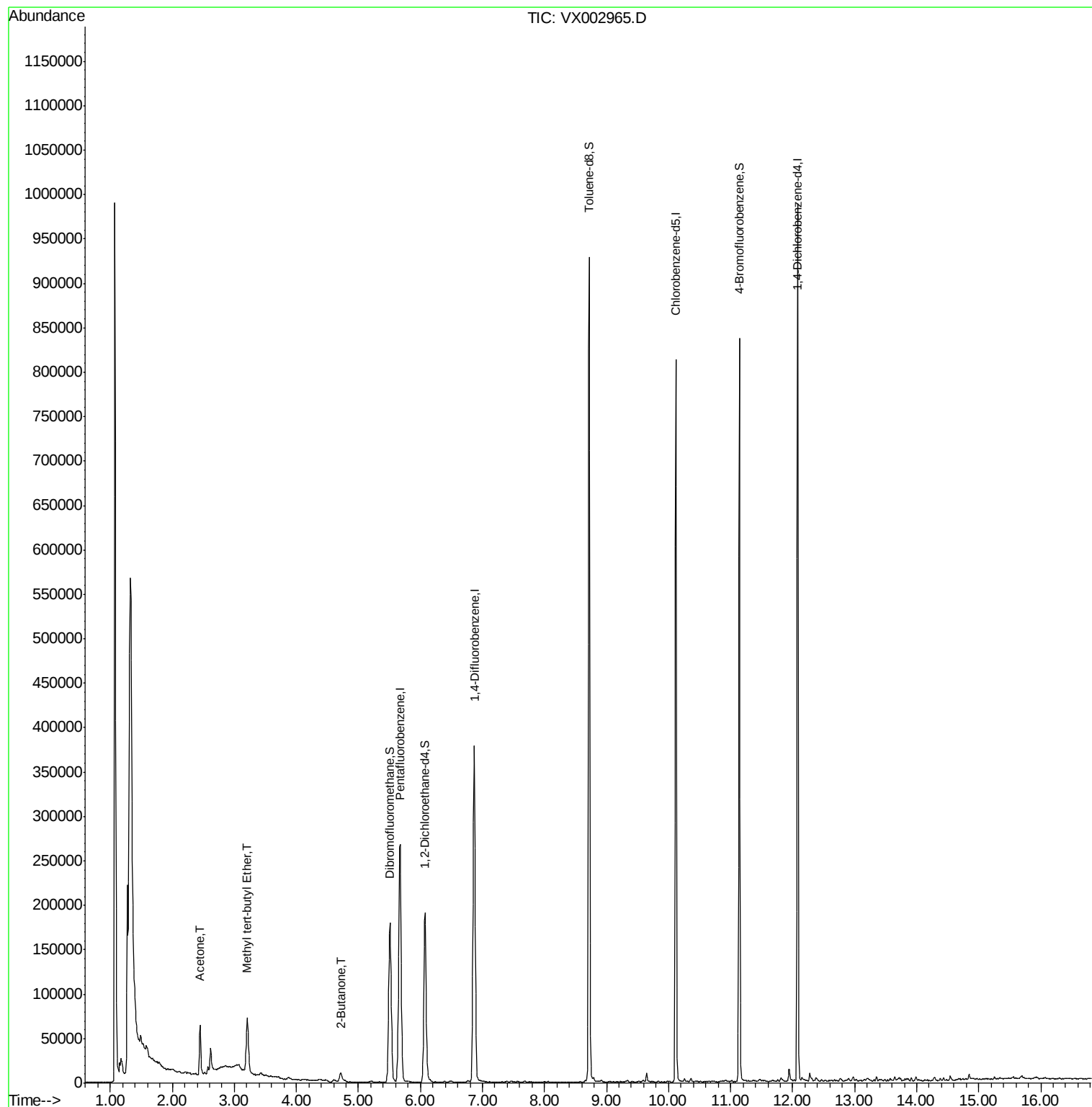
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181982	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.51	113	147956	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.72	98	530544	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.14	95	194163	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	2.45	43	59451	38.32	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	66060	6.87	ug/l	98
25) 2-Butanone	4.71	43	19368	8.41	ug/l	94

(#) = 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: VX002965.D

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Instrument :

MSVOA_X

ClientSampleId :

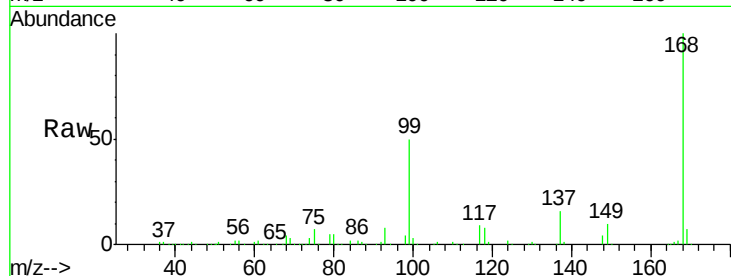
W-16

Tot Ion:168 Resp: 271035

Ion Ratio Lower Upper

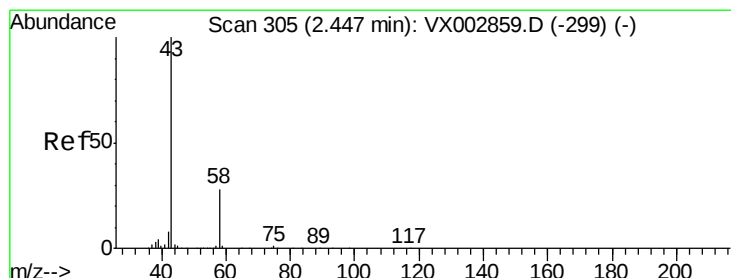
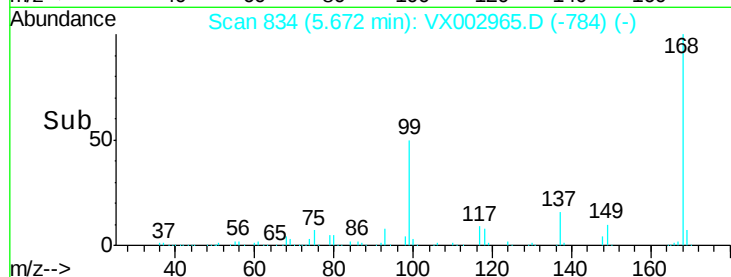
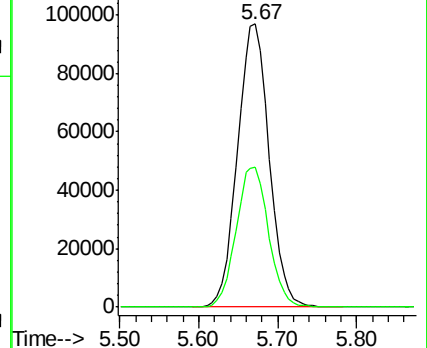
168 100

99 49.6 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: 38.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002965.D

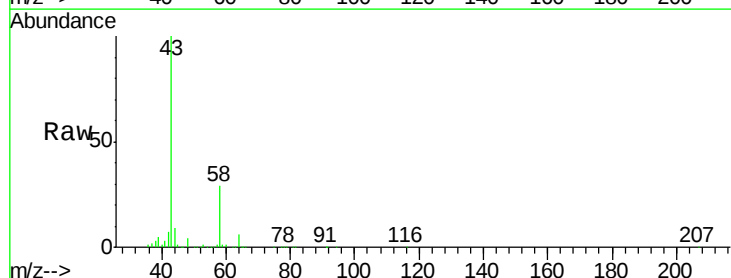
Acq: 28 Jun 2018 04:52

Tgt Ion: 43 Resp: 59451

Ion Ratio Lower Upper

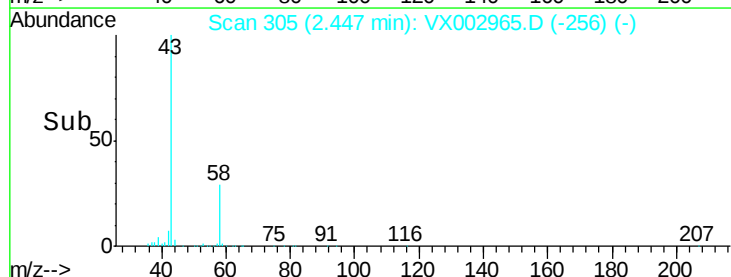
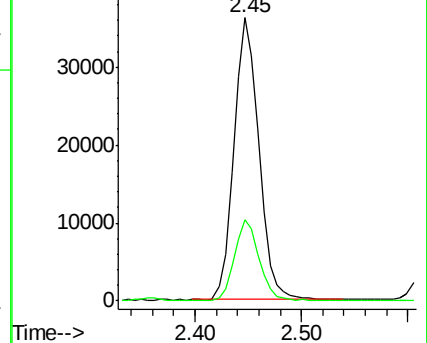
43 100

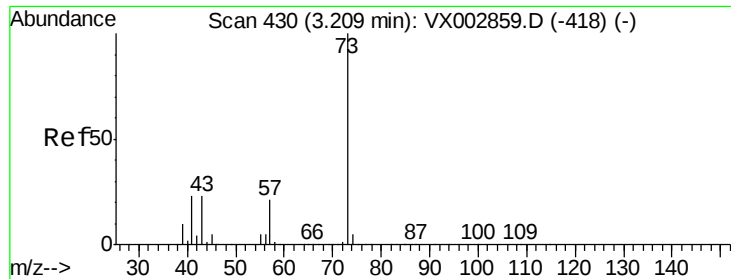
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

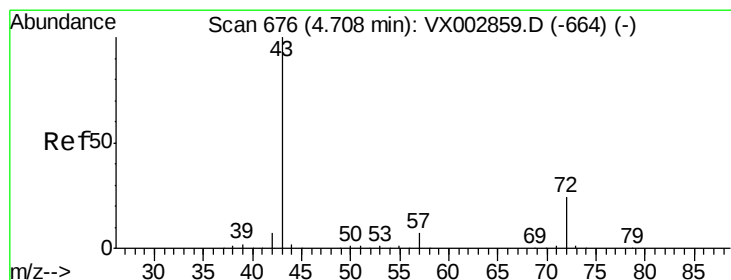
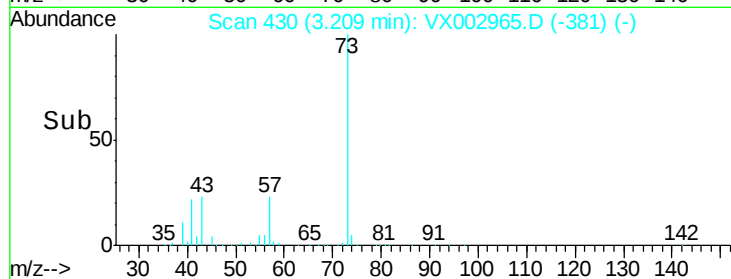
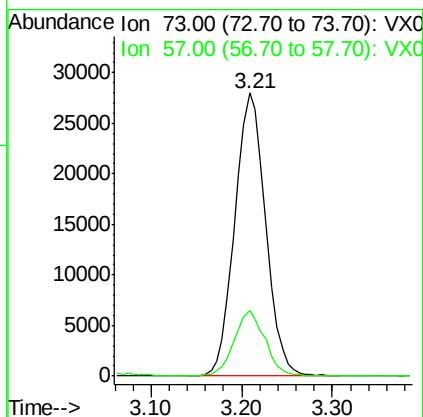
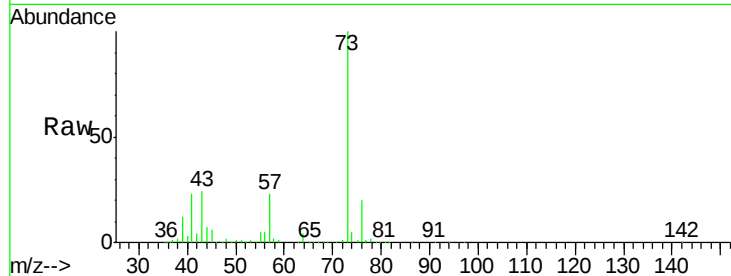




#19
Methvl tert-butvl Ether
Concen: 6.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002965.D
Acq: 28 Jun 2018 04:52

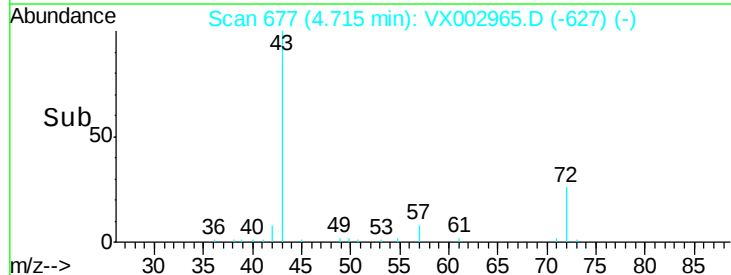
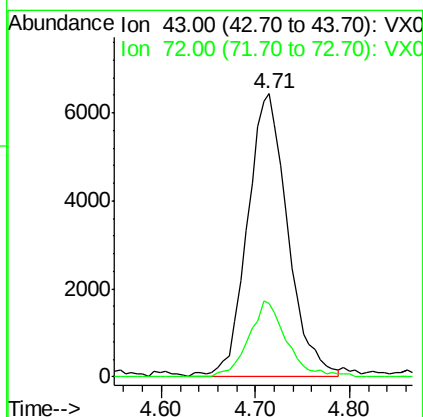
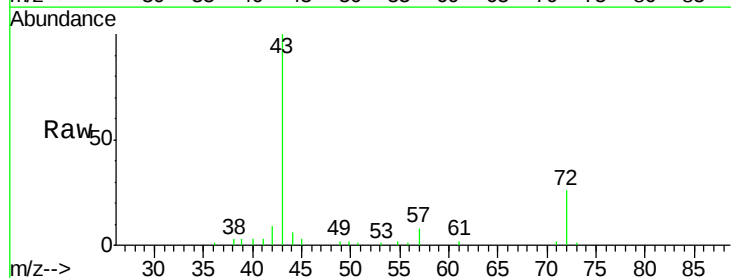
Instrument :
MSVOA_X
ClientSampleId :
W-16

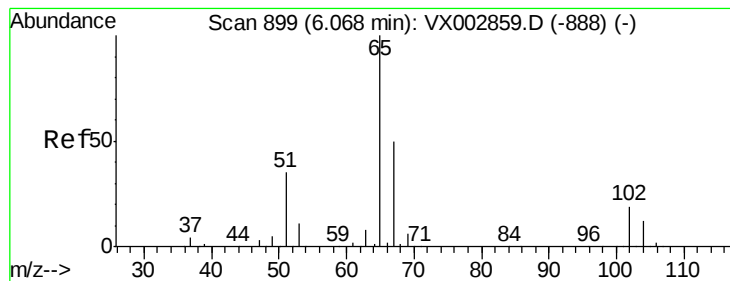
Tot Ion: 73 Resp: 66060
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5



#25
2-Butanone
Concen: 8.41 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX002965.D
Acq: 28 Jun 2018 04:52

Tgt Ion: 43 Resp: 19368
Ion Ratio Lower Upper
43 100
72 26.0 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 48.58 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002965.D

Acq: 28 Jun 2018 04:52

Instrument :

MSVOA_X

ClientSampleId :

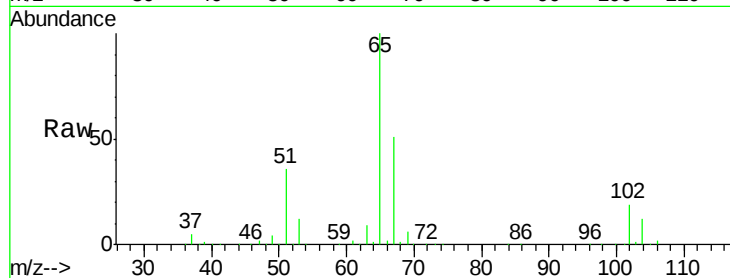
W-16

Tot Ion: 65 Resp: 181982

Ion Ratio Lower Upper

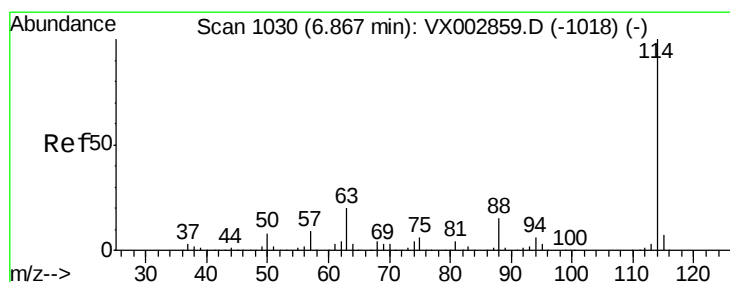
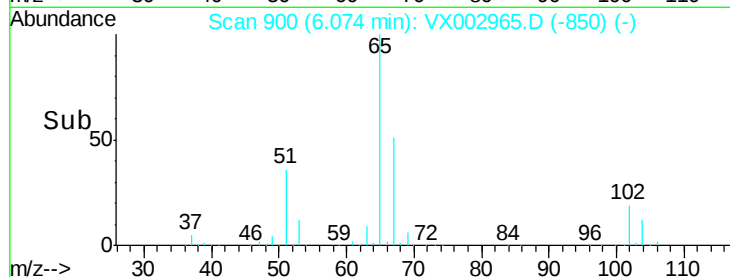
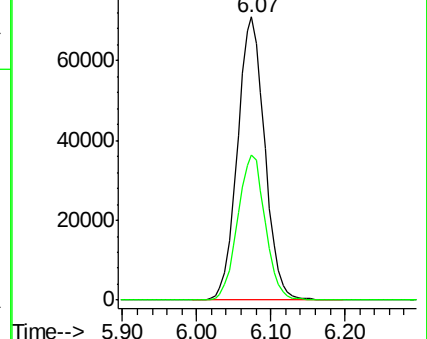
65 100

67 52.2 0.0 102.6



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: VX002965.D

Acq: 28 Jun 2018 04:52

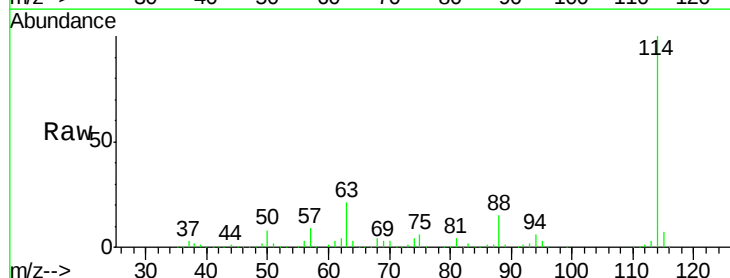
Tgt Ion: 114 Resp: 379437

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

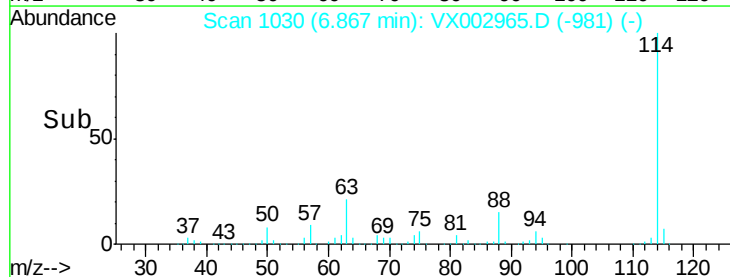
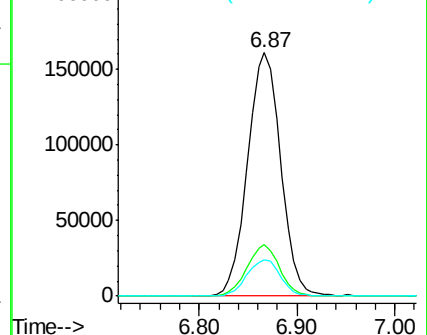
88 15.0 0.0 30.0

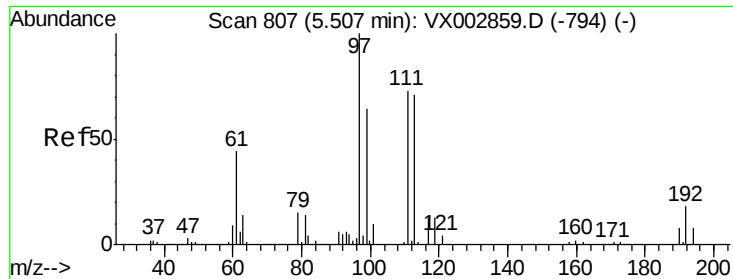


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

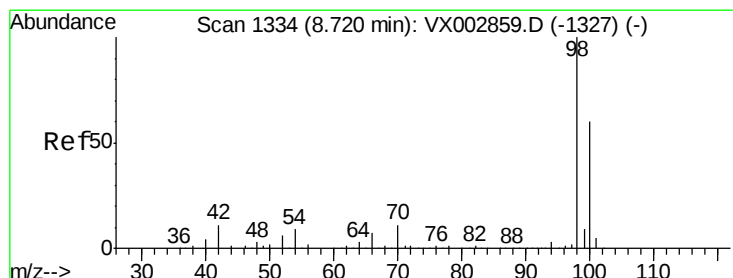
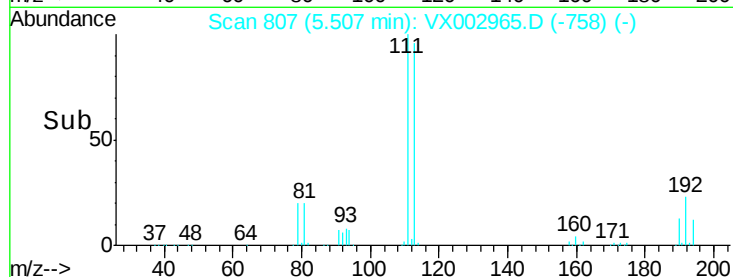
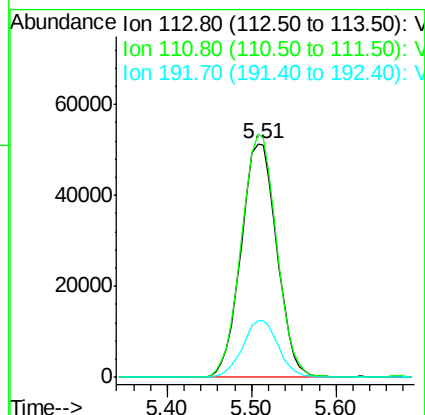
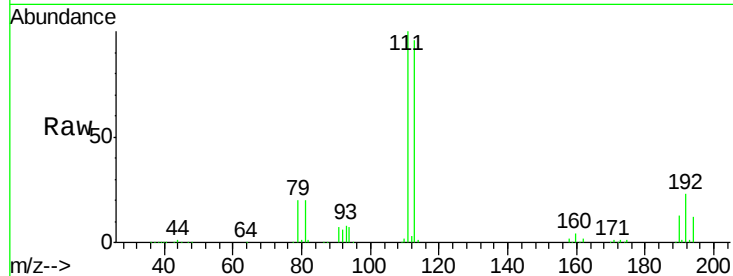




#35
 Dibromofluoromethane
 Concen: 49.24 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002965.D
 Acq: 28 Jun 2018 04:52

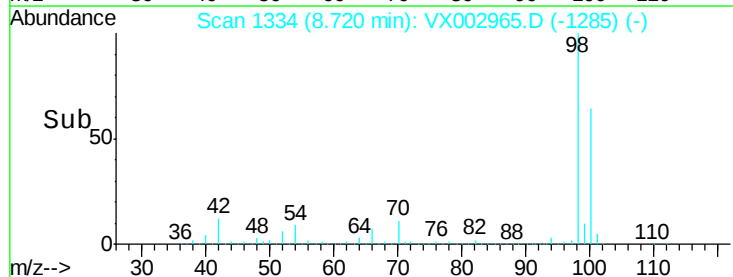
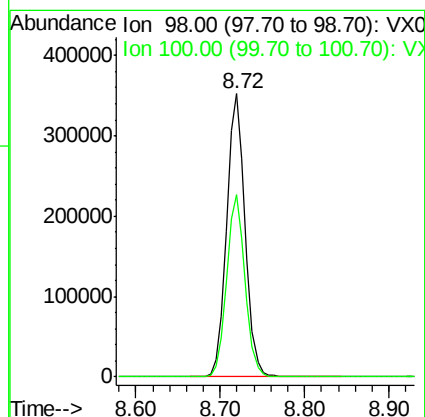
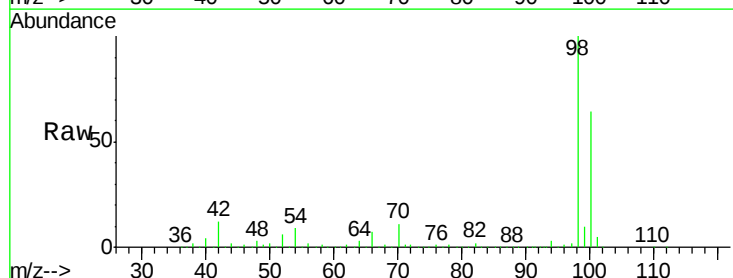
Instrument :
 MSVOA_X
 ClientSampleId :
 W-16

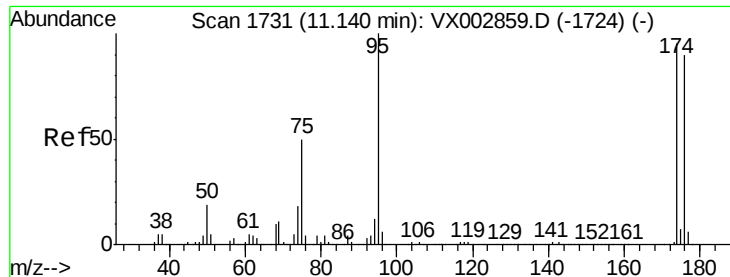
Tot Ion:113 Resp: 147956
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 24.3 19.1 28.7



#50
 Toluene-d8
 Concen: 48.35 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002965.D
 Acq: 28 Jun 2018 04:52

Tgt Ion: 98 Resp: 530544
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002965.D

Acq: 28 Jun 2018 04:52

Instrument :

MSVOA_X

ClientSampled :

W-16

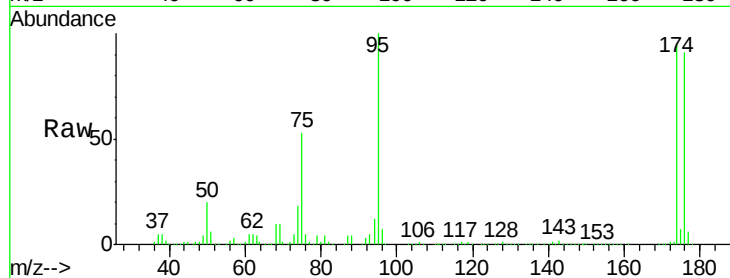
Tot Ion: 95 Resp: 194163

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

176 93.0 0.0 181.0

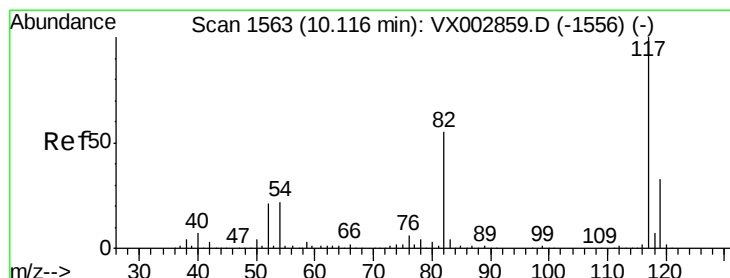
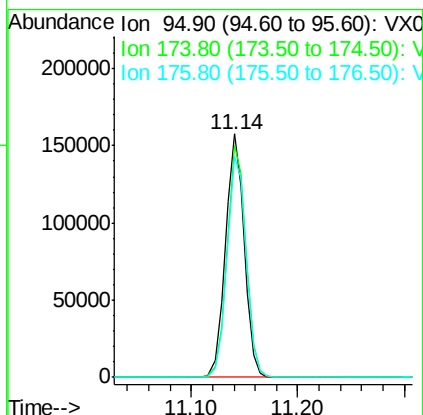
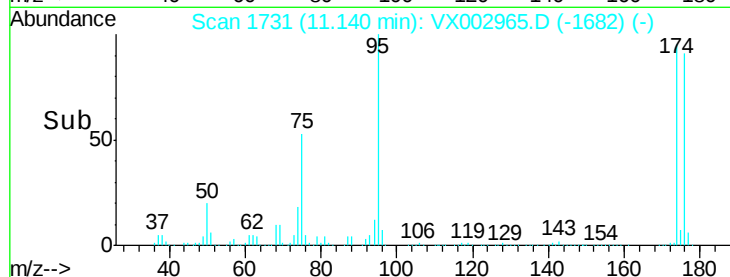


Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002965.D

Acq: 28 Jun 2018 04:52

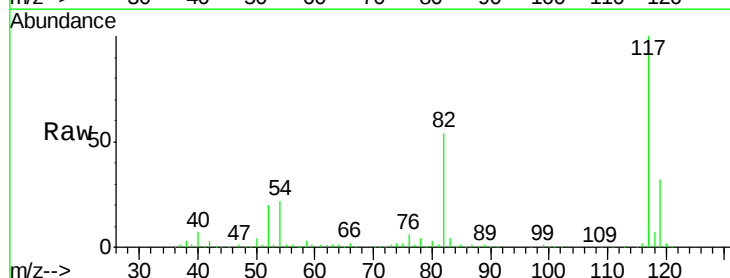
Tgt Ion: 117 Resp: 357788

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

119 32.5 25.8 38.6

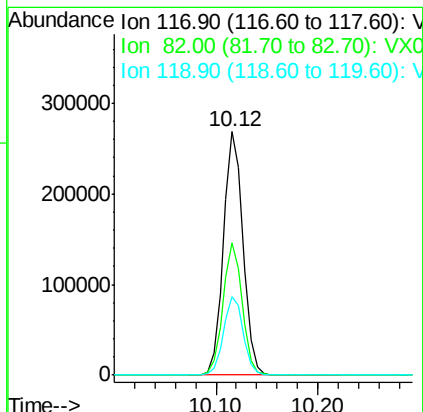
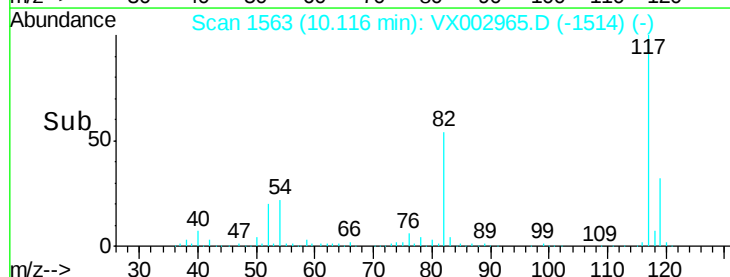


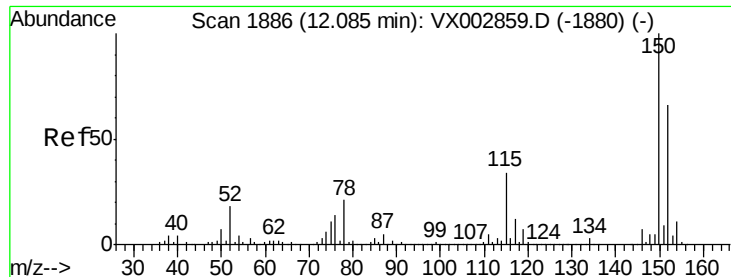
Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002965.D

Acq: 28 Jun 2018 04:52

Instrument :

MSVOA_X

ClientSampleId :

W-16

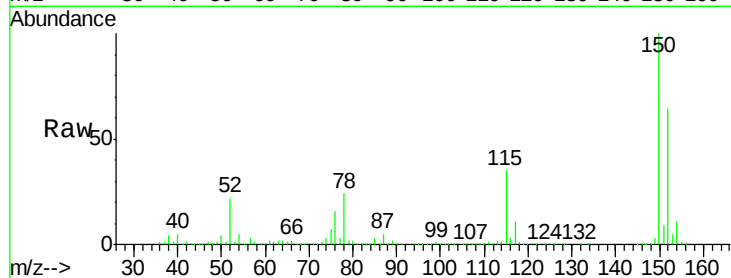
Tot Ion:152 Resp: 208845

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

150 155.1 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

