

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004151.D
 Acq On : 20 Aug 2018 14:29
 Operator : JC/MD
 Sample : J4541-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0496-180815

Quant Time: Aug 21 11:22:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

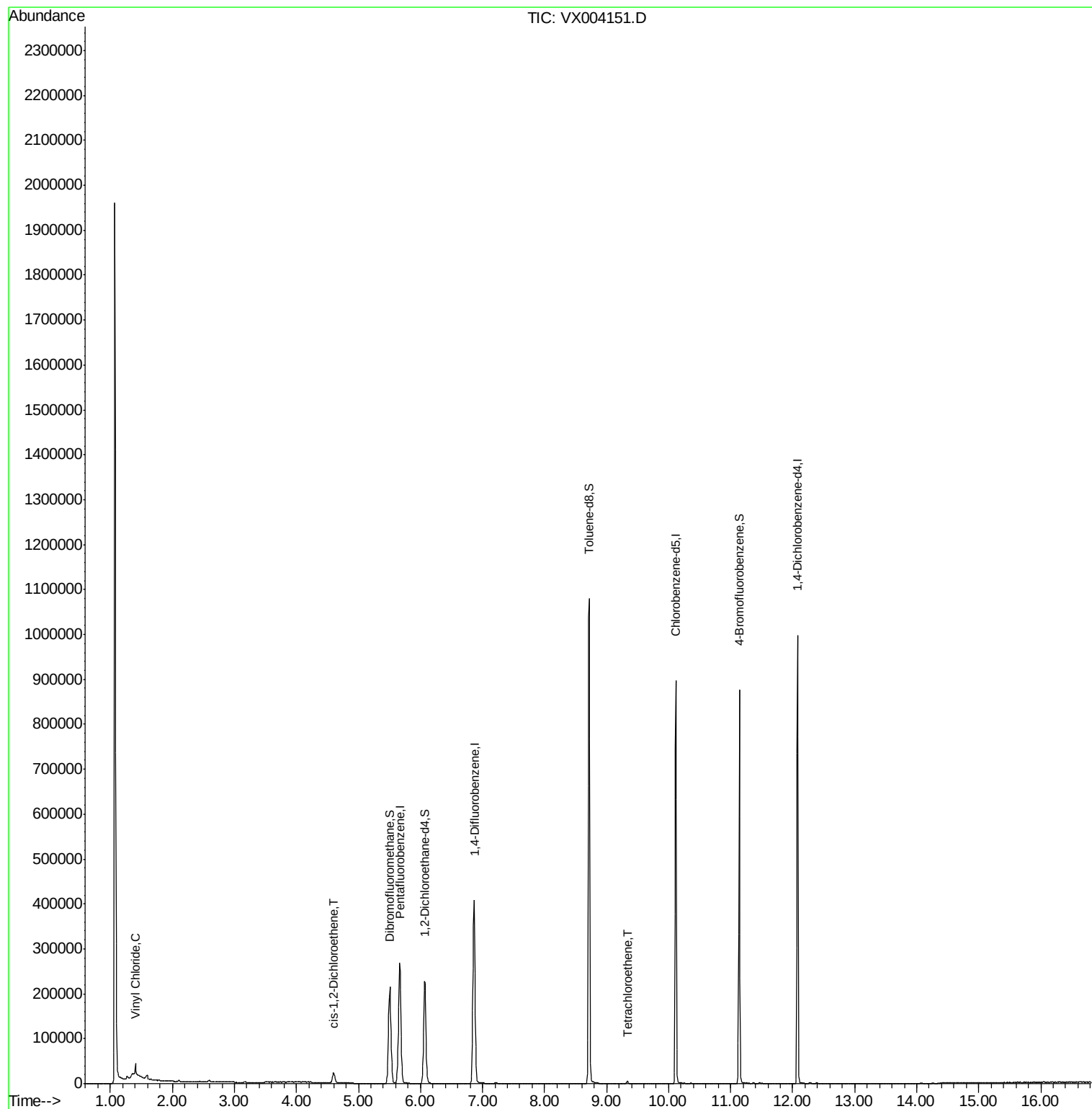
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	422567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	212870	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
35) Dibromofluoromethane	5.50	113	183407	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.98%	
50) Toluene-d8	8.72	98	635356	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.14	95	210686	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
4) Vinyl Chloride	1.40	62	15931	4.58	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	14145	3.91	ug/l	87
64) Tetrachloroethene	9.34	164	1051	0.28	ug/l	93

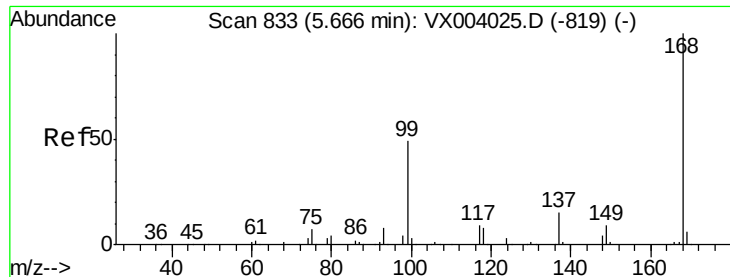
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX004151.D

Acq: 20 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

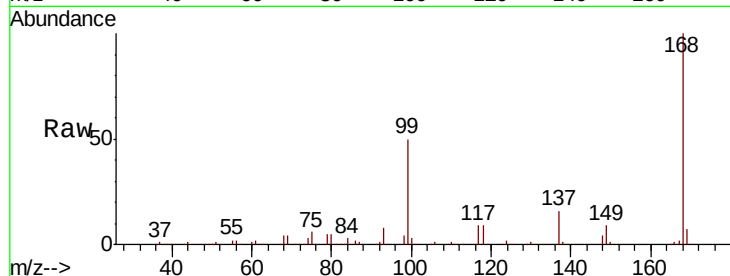
DUP-0496-180815

Tot Ion:168 Resp: 269131

Ion Ratio Lower Upper

168 100

99 50.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

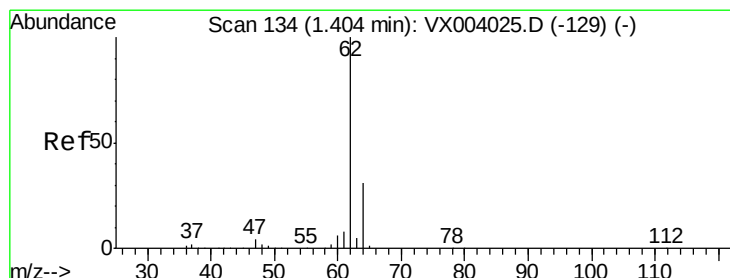
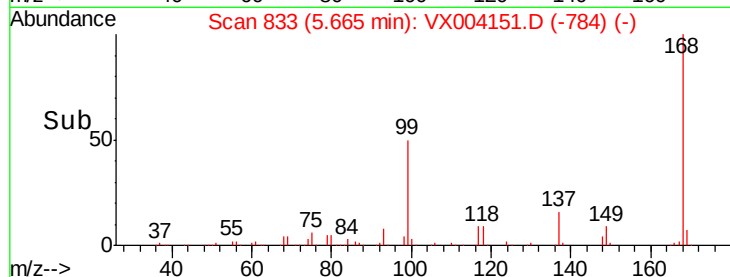
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 4.58 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004151.D

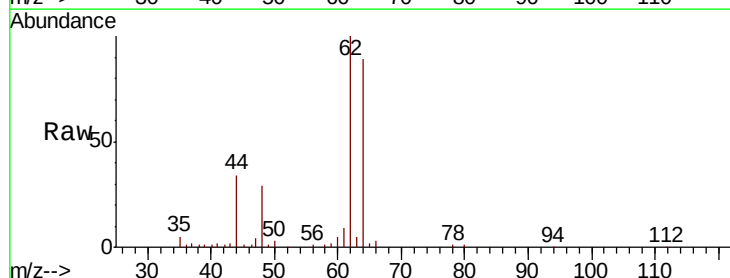
Acq: 20 Aug 2018 14:29

Tgt Ion: 62 Resp: 15931

Ion Ratio Lower Upper

62 100

64 36.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

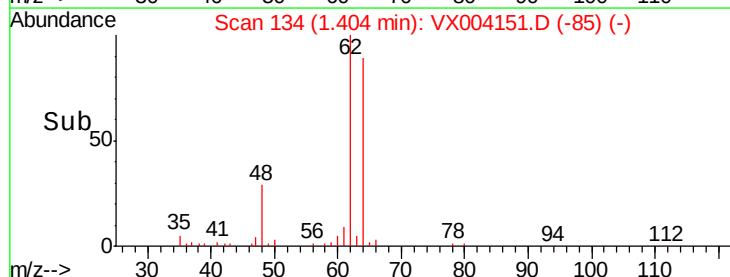
15000

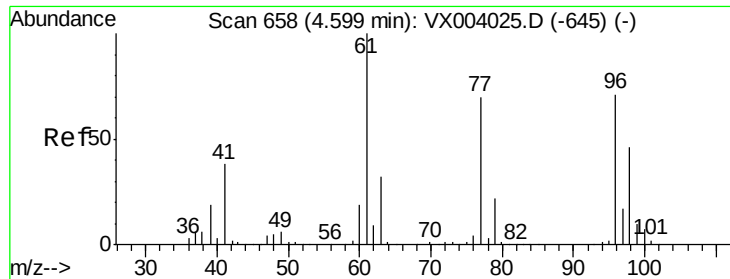
10000

5000

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 3.91 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004151.D

Acq: 20 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-0496-180815

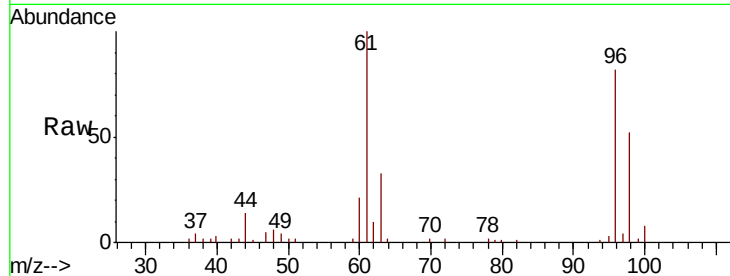
Tot Ion: 96 Resp: 14145

Ion Ratio Lower Upper

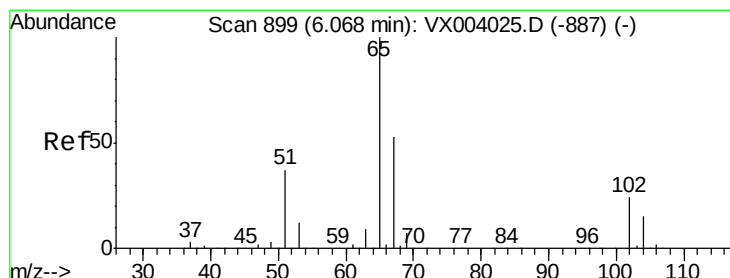
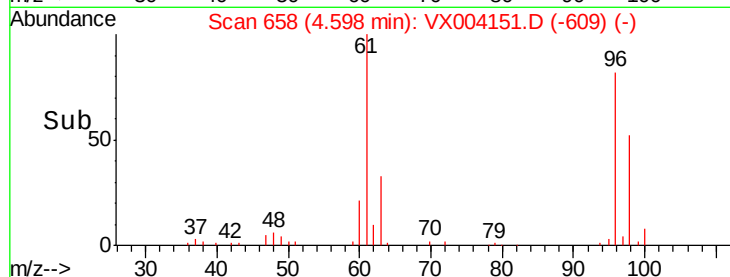
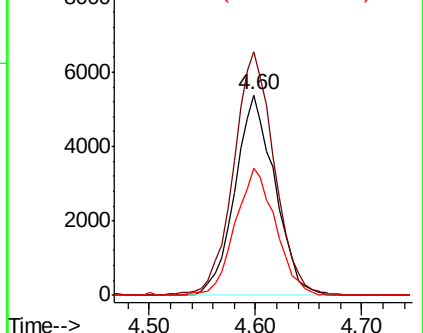
96 100

61 124.0 0.0 293.0

98 64.2 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.14 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004151.D

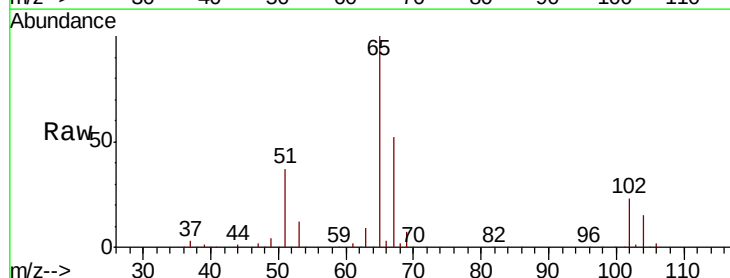
Acq: 20 Aug 2018 14:29

Tgt Ion: 65 Resp: 212870

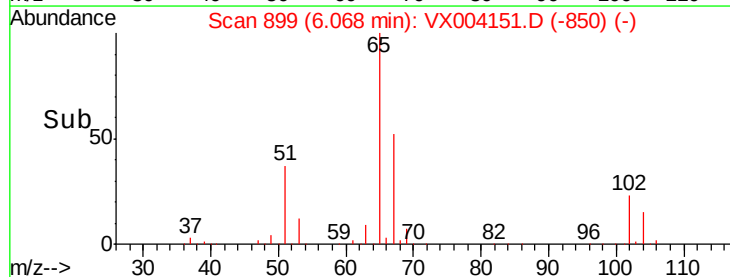
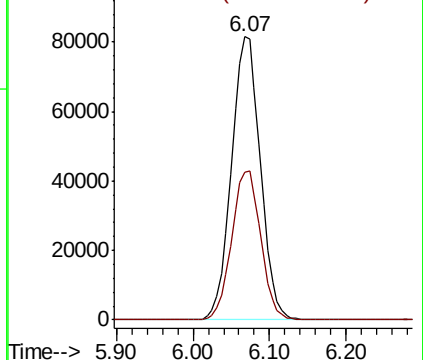
Ion Ratio Lower Upper

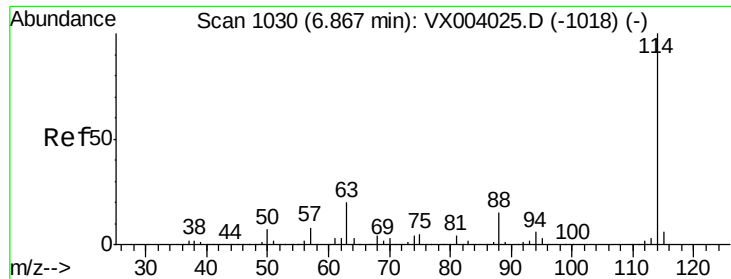
65 100

67 52.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

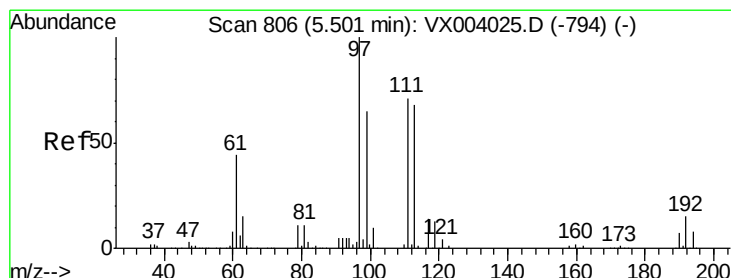
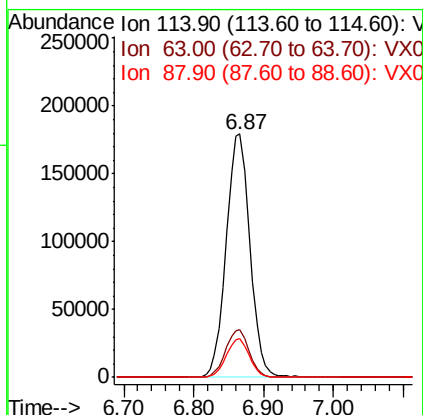
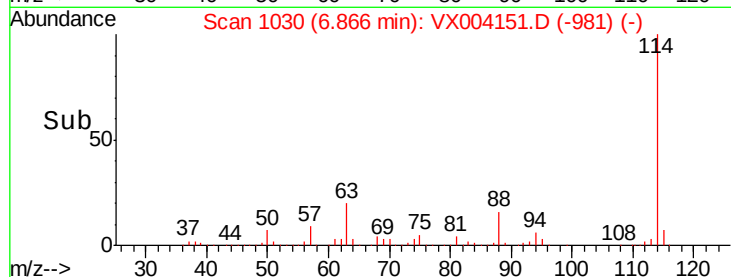
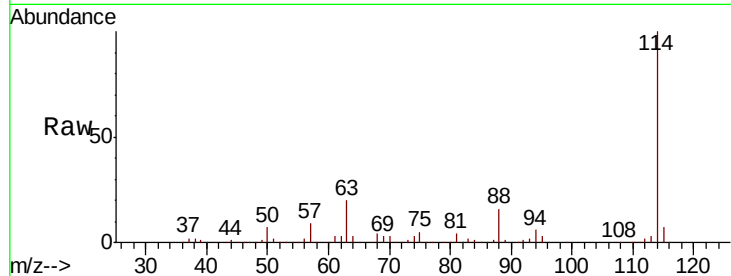




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004151.D
 Acq: 20 Aug 2018 14:29

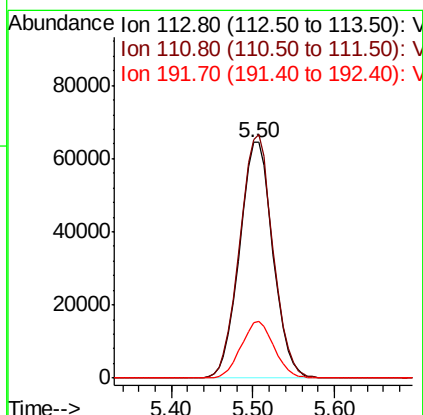
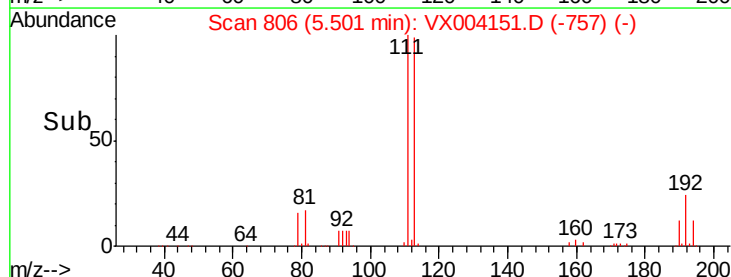
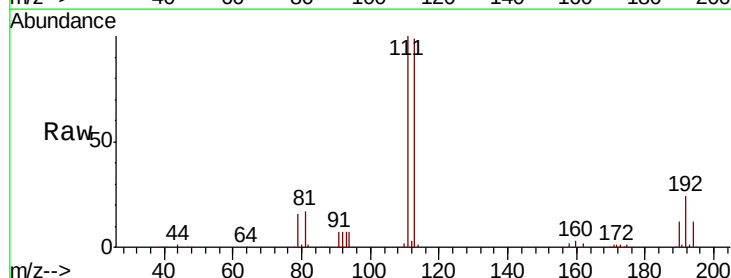
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0496-180815

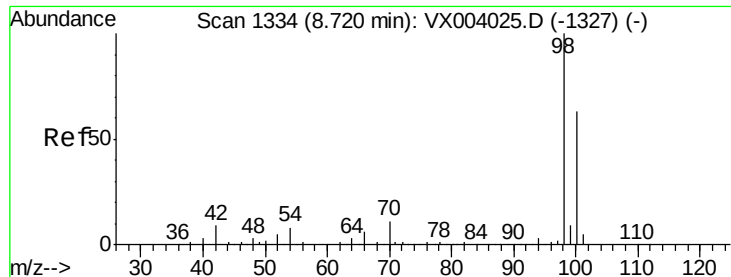
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 57.99 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004151.D
 Acq: 20 Aug 2018 14:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	24.0	19.0	28.4

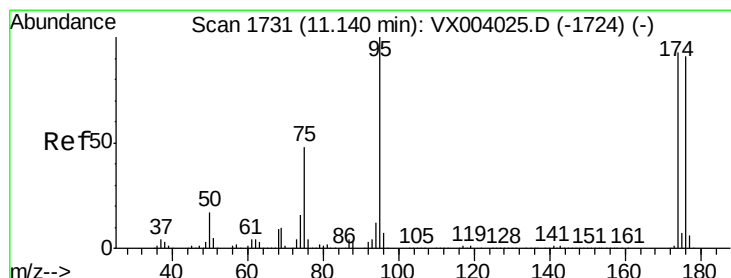
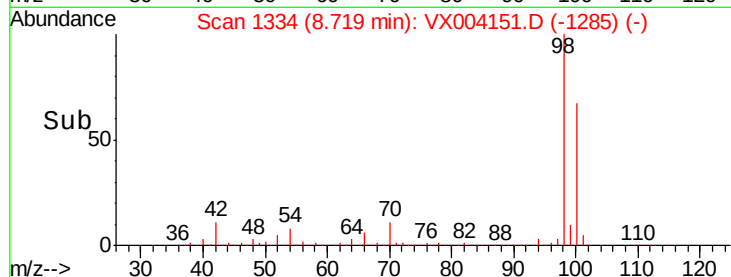
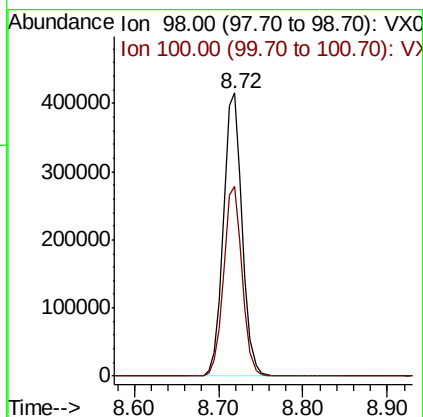
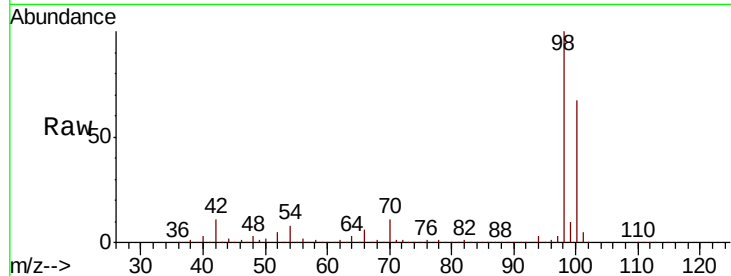




#50
Toluene-d8
Concen: 49.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004151.D
Acq: 20 Aug 2018 14:29

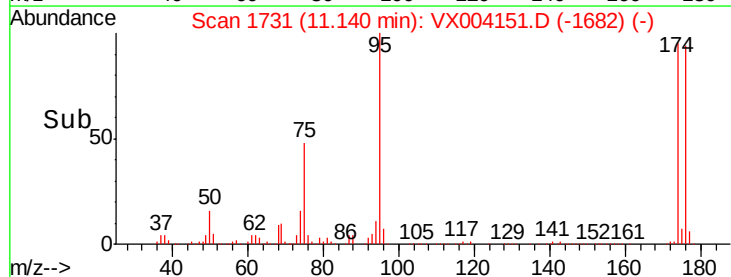
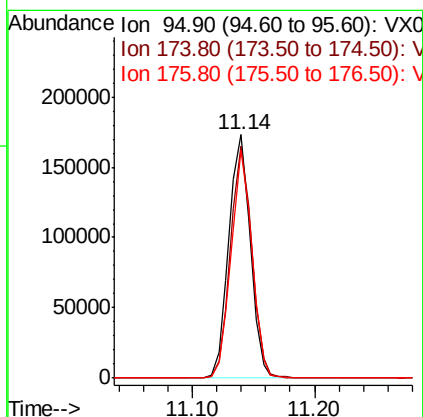
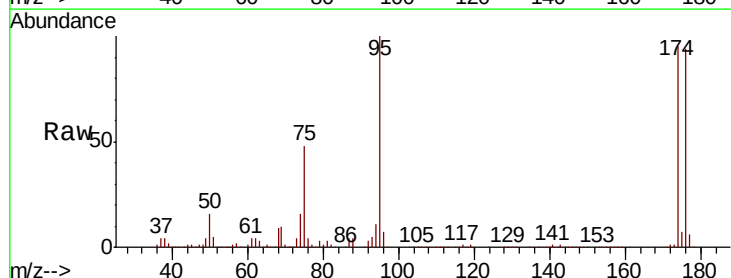
Instrument :
MSVOA_X
ClientSampleId :
DUP-0496-180815

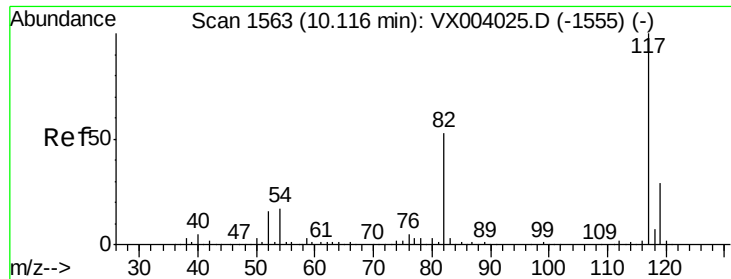
Tot Ion: 98 Resp: 635356
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004151.D
Acq: 20 Aug 2018 14:29

Tgt Ion: 95 Resp: 210686
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.8
176 90.2 0.0 179.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004151.D

Acq: 20 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-0496-180815

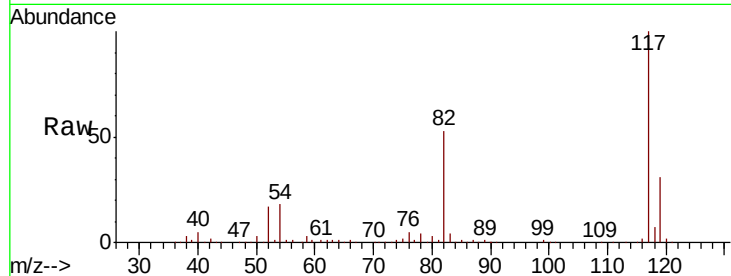
Tot Ion:117 Resp: 401791

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

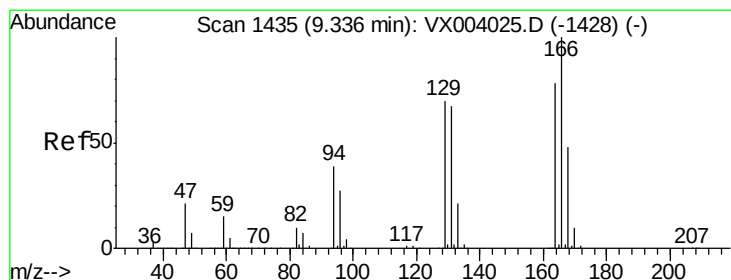
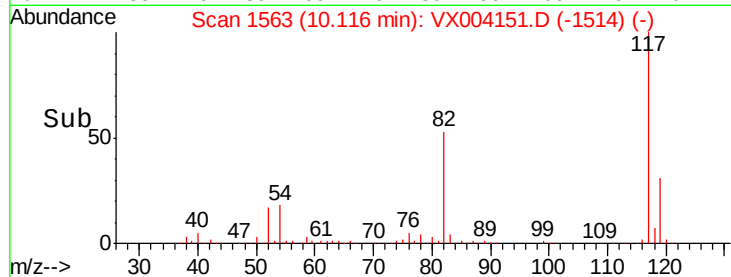
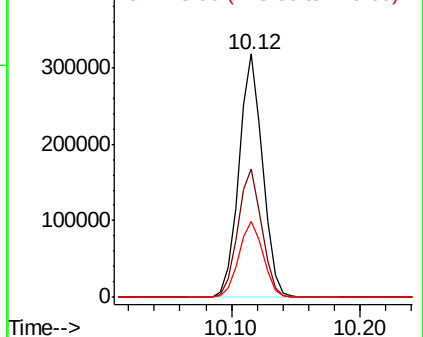
119 31.3 26.6 40.0



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



#64

Tetrachloroethene

Concen: 0.28 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX004151.D

Acq: 20 Aug 2018 14:29

Tgt Ion:164 Resp: 1051

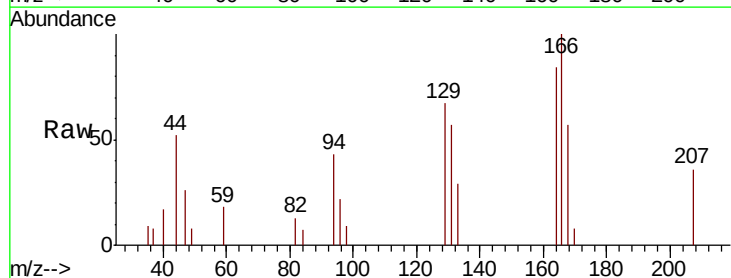
Ion Ratio Lower Upper

164 100

166 118.8 98.0 147.0

129 79.1 64.3 96.5

131 68.1 66.8 100.2

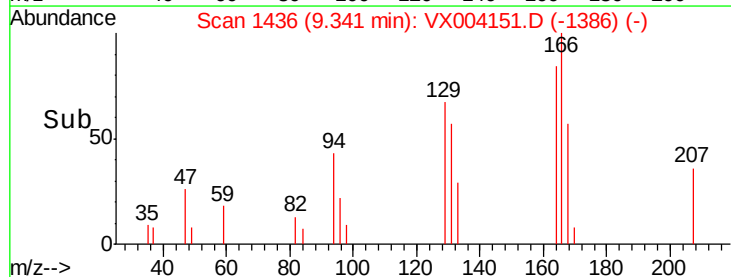
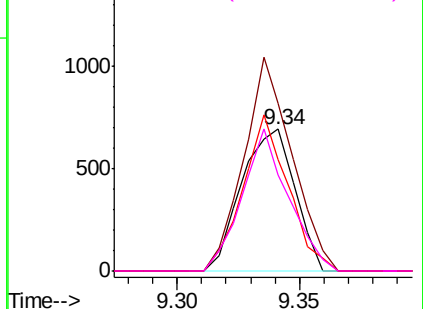


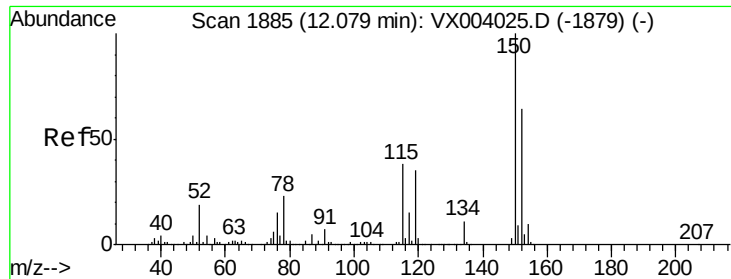
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX004151.D

Acq: 20 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-0496-180815

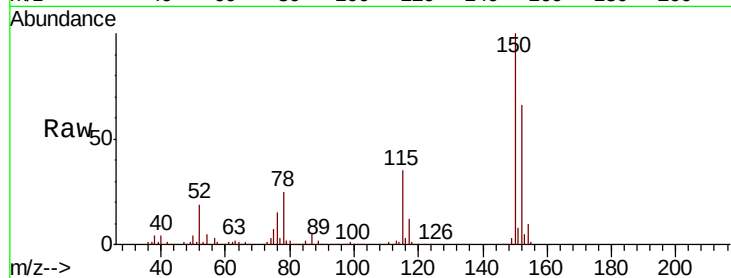
Tot Ion:152 Resp: 211611

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.3

150 152.0 0.0 349.2



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

