

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015592.D
 Acq On : 09 Apr 2020 13:30
 Operator : JC/SP
 Sample : L2190-04 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-200406

Quant Time: Apr 10 06:29:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

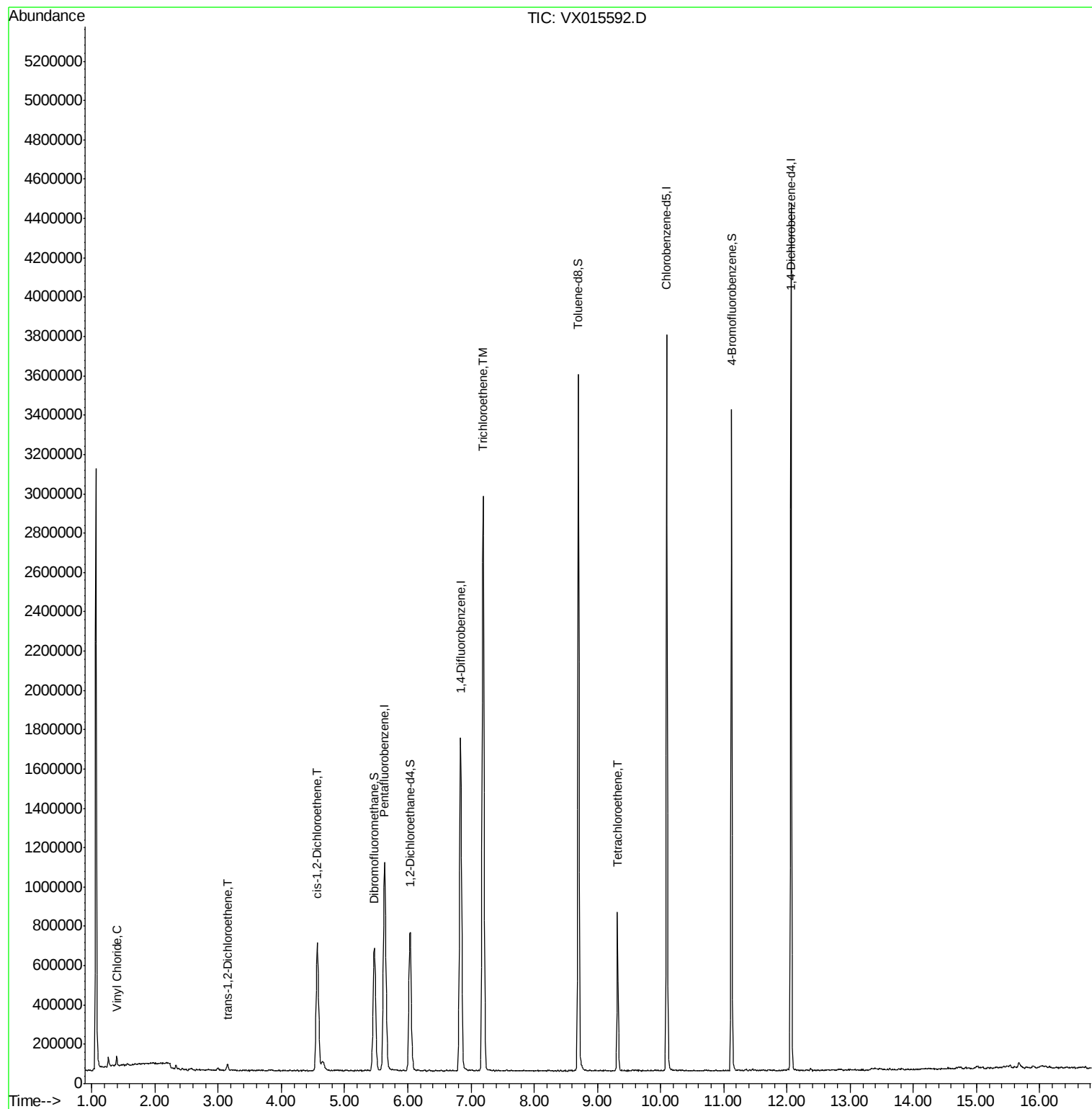
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1063907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1695648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1614148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	895286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	700511	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	5.47	113	525483	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.70	98	2025932	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.12	95	880637	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
Target Compounds						
4) Vinyl Chloride	1.39	62	31034	2.831	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	13304	1.193	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	407648	31.608	ug/l	91
44) Trichloroethene	7.19	130	1135764	90.996	ug/l	98
64) Tetrachloroethene	9.32	164	158201	12.987	ug/l	90

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

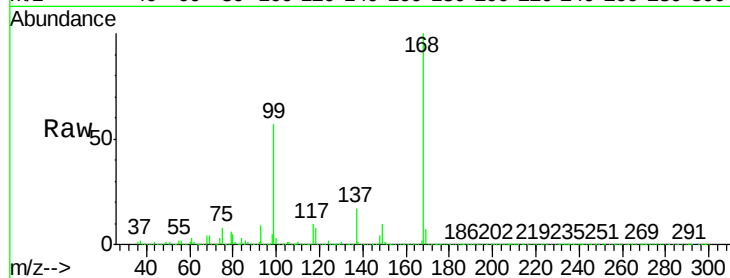
KY062MW128-200406

Tot Ion:168 Resp: 1063907

Ion Ratio Lower Upper

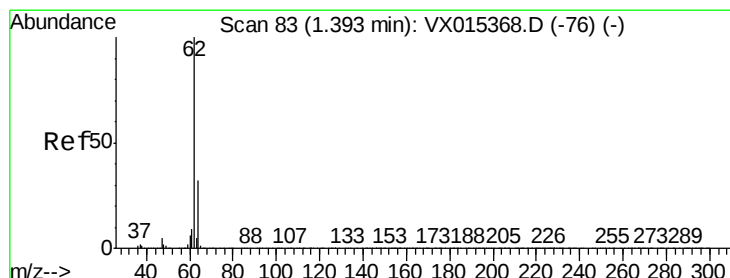
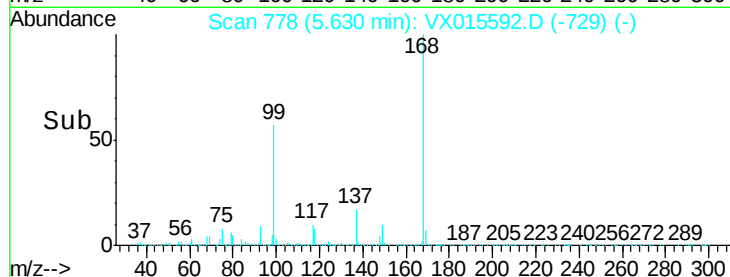
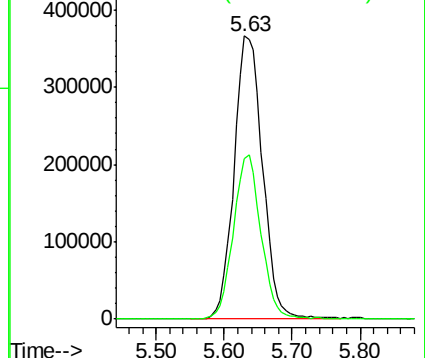
168 100

99 56.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.831 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015592.D

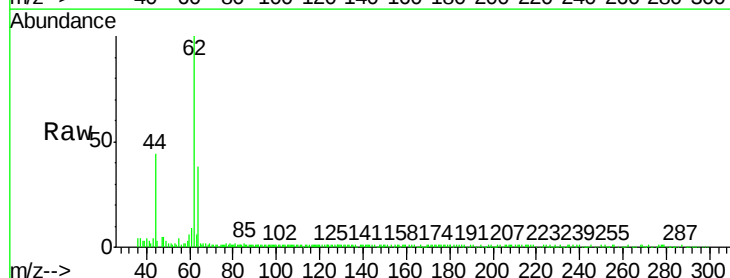
Acq: 09 Apr 2020 13:30

Tgt Ion: 62 Resp: 31034

Ion Ratio Lower Upper

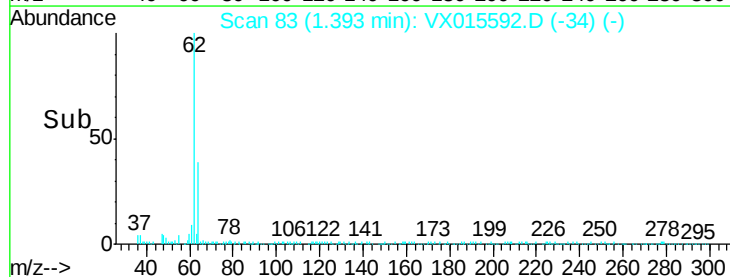
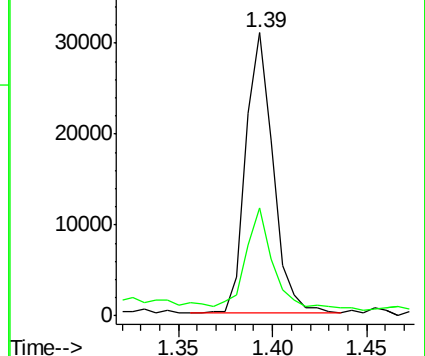
62 100

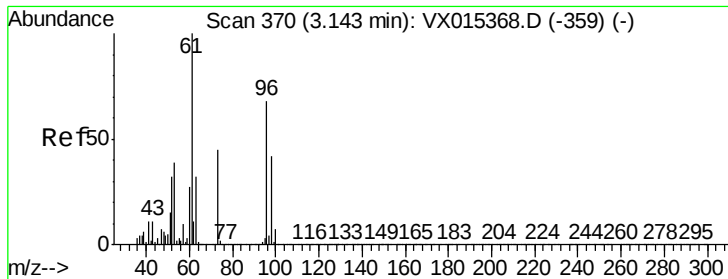
64 35.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.193 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-200406

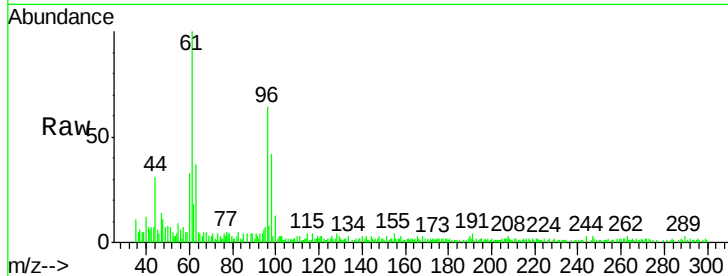
Tot Ion: 96 Resp: 13304

Ion Ratio Lower Upper

96 100

61 150.8 116.9 175.3

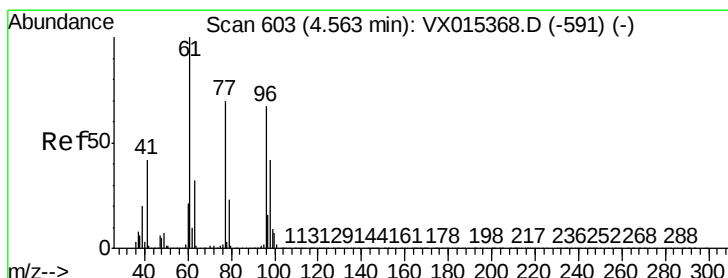
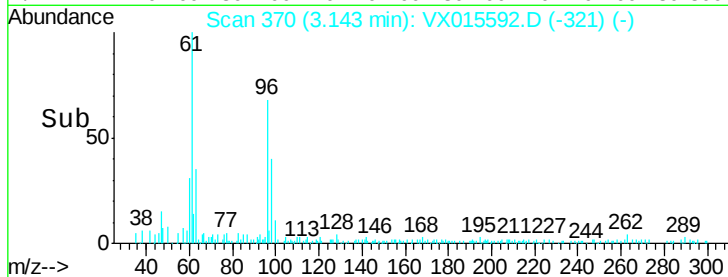
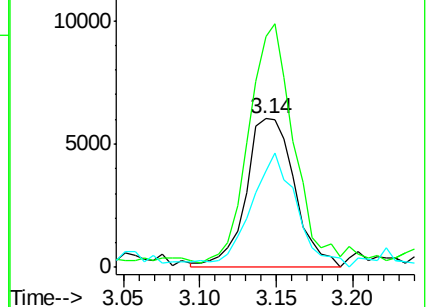
98 60.3 48.6 73.0



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



#27

cis-1,2-Dichloroethene

Concen: 31.608 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

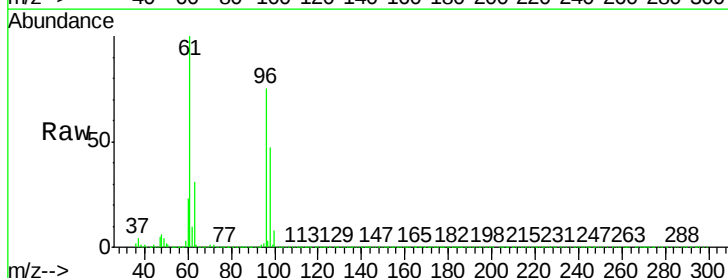
Tgt Ion: 96 Resp: 407648

Ion Ratio Lower Upper

96 100

61 138.6 0.0 308.4

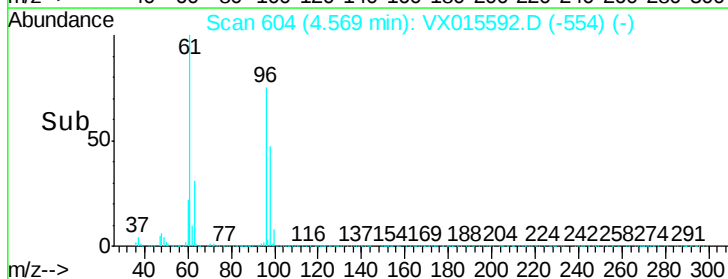
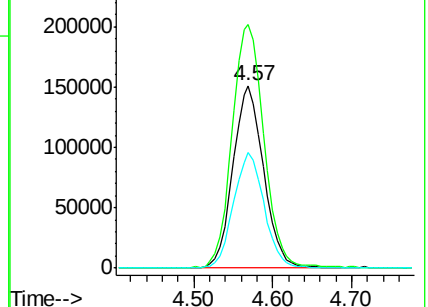
98 63.5 0.0 129.2

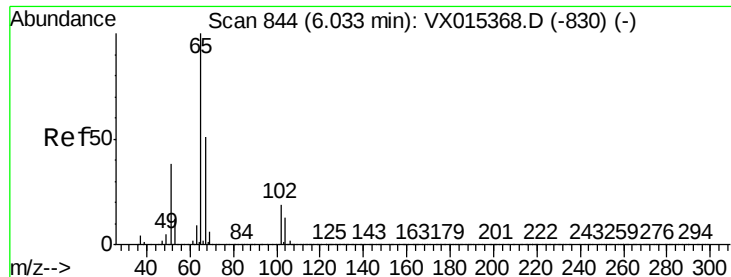


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

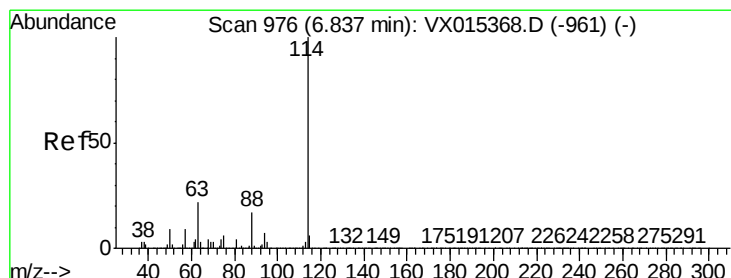
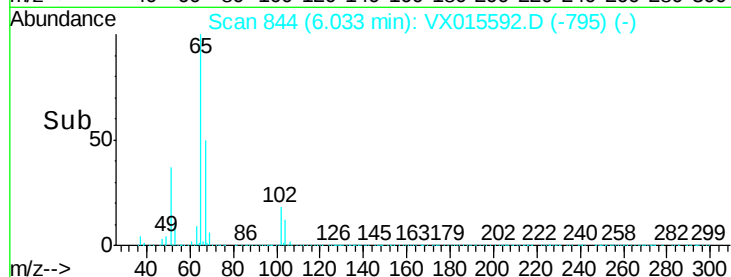
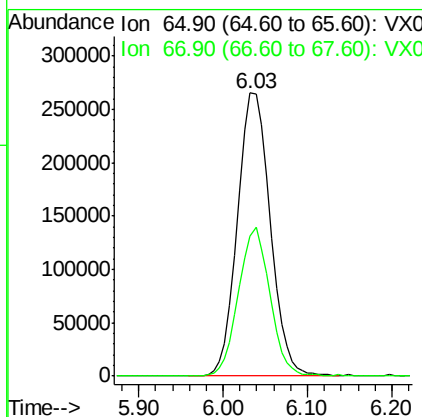
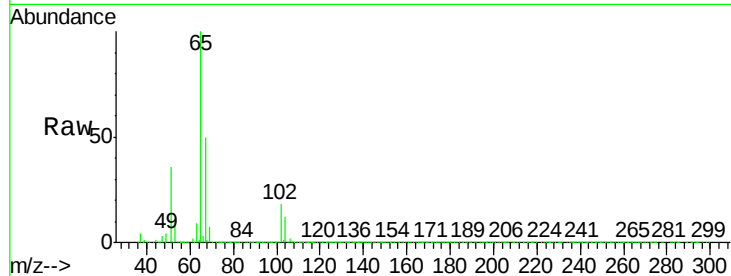




#33
 1,2-Dichloroethane-d4
 Concen: 46.684 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015592.D
 Acq: 09 Apr 2020 13:30

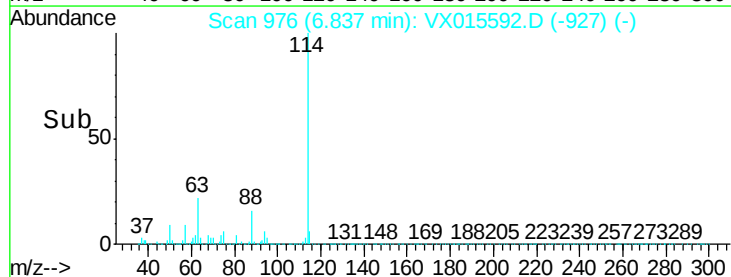
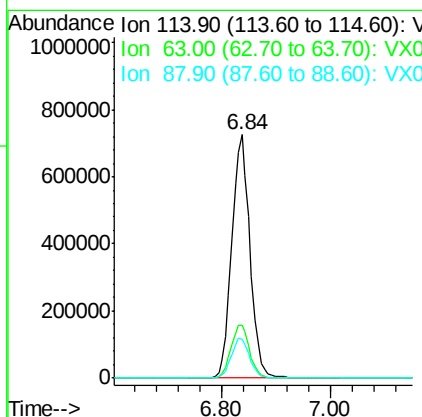
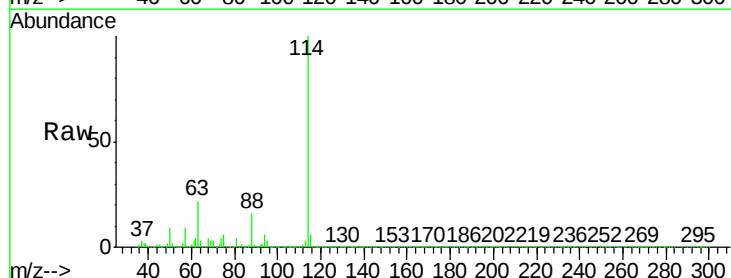
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-200406

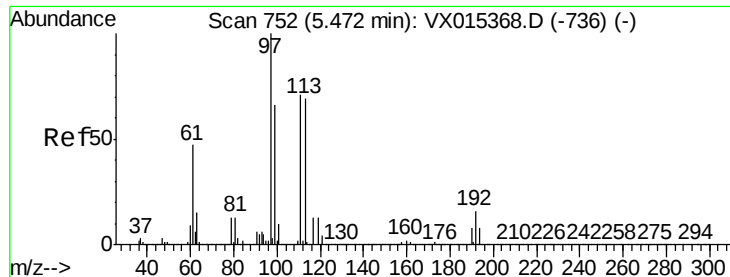
Tot Ion: 65 Resp: 700511
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015592.D
 Acq: 09 Apr 2020 13:30

Tgt Ion: 114 Resp: 1695648
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.2
 88 15.7 0.0 33.8

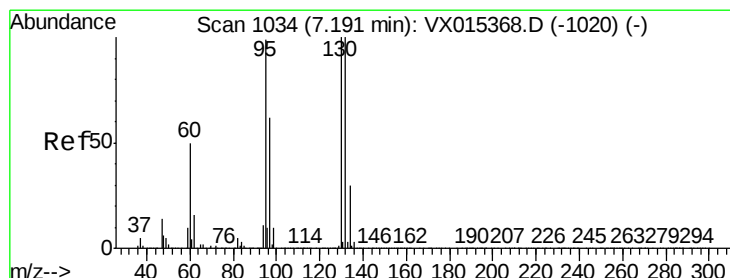
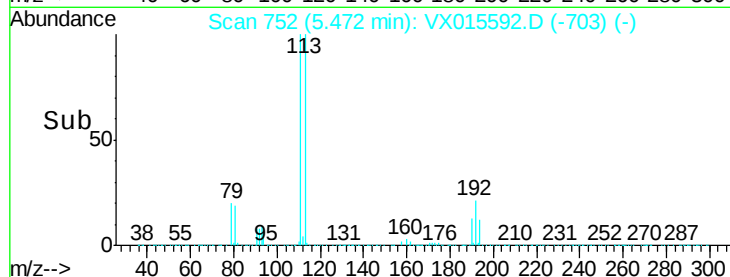
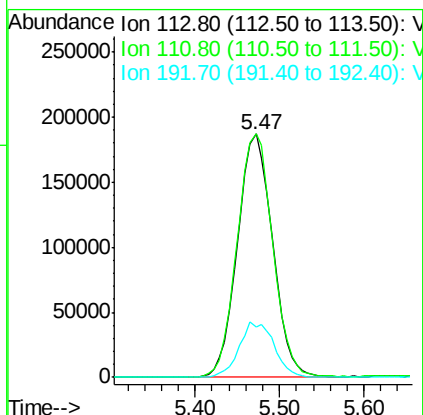
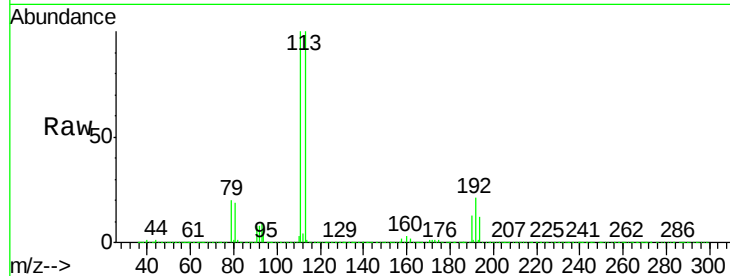




#35
Dibromofluoromethane
Concen: 48.481 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015592.D
Acq: 09 Apr 2020 13:30

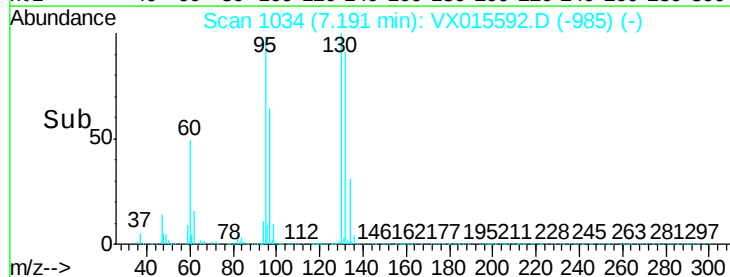
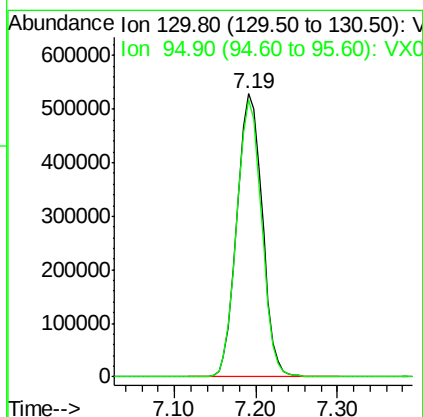
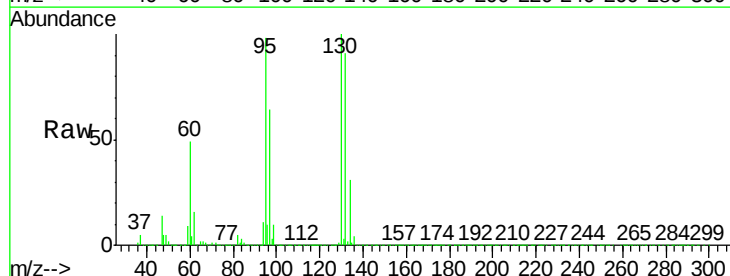
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-200406

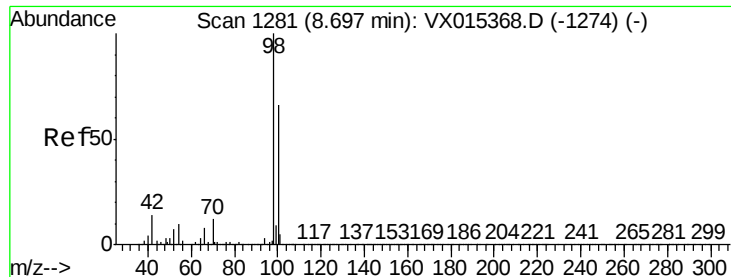
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	22.5	17.8	26.6



#44
Trichloroethene
Concen: 90.996 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015592.D
Acq: 09 Apr 2020 13:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	199.0





#50

Toluene-d8

Concen: 50.767 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

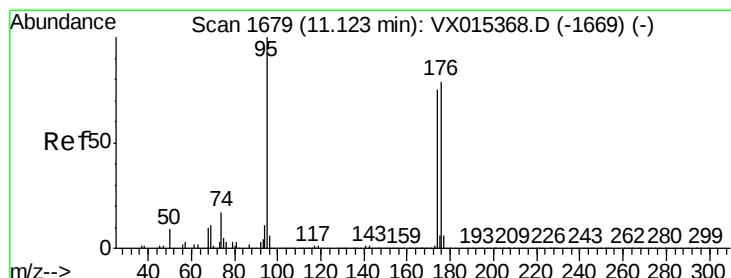
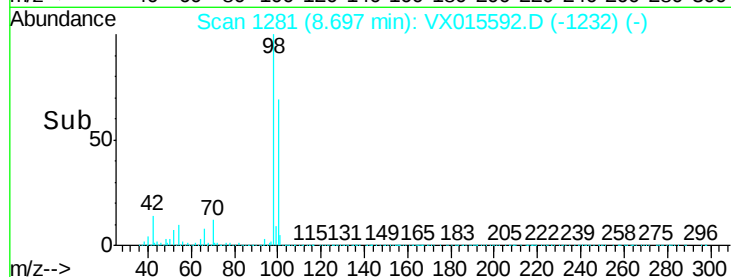
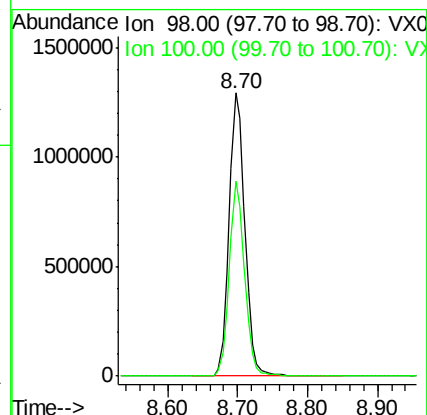
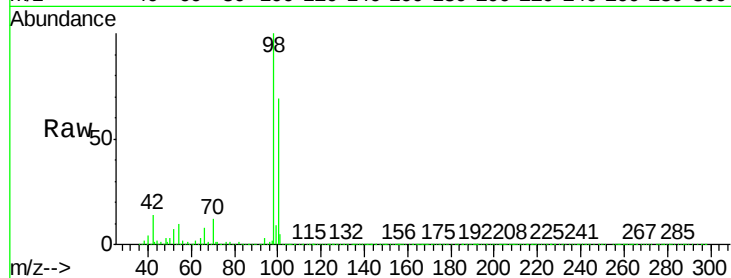
KY062MW128-200406

Tot Ion: 98 Resp: 2025932

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.300 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

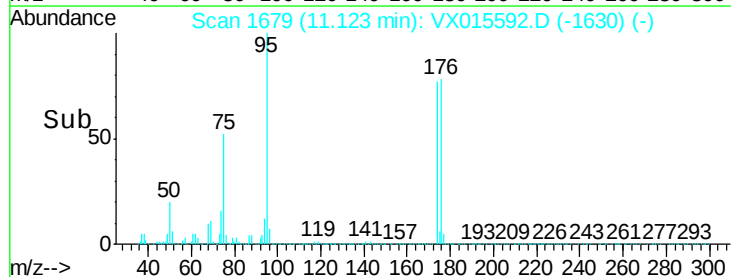
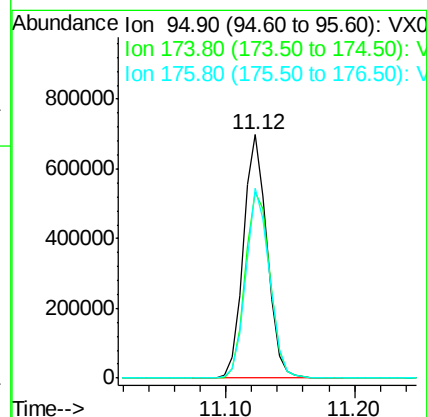
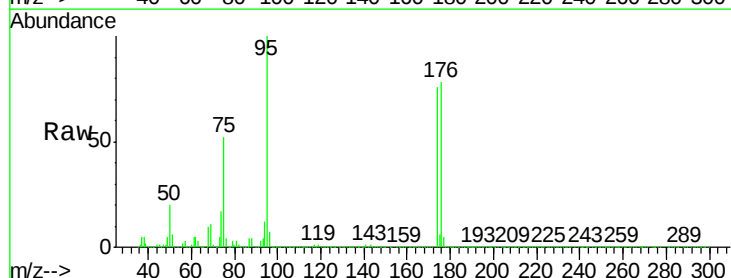
Tgt Ion: 95 Resp: 880637

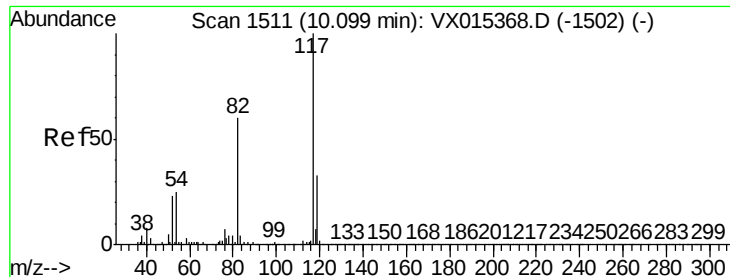
Ion Ratio Lower Upper

95 100

174 80.4 0.0 158.6

176 77.7 0.0 159.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-200406

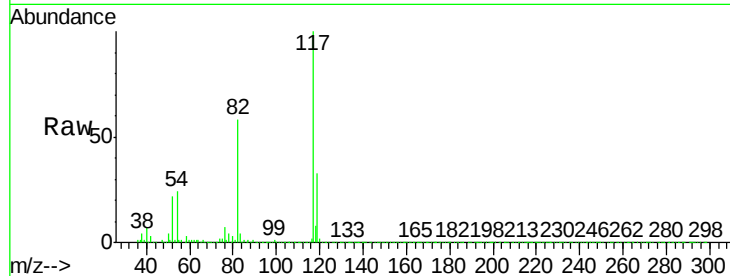
Tot Ion:117 Resp: 1614148

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.8

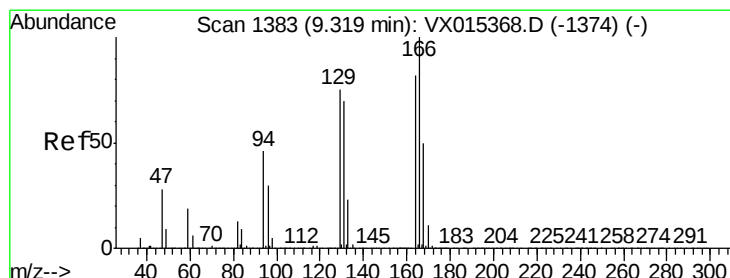
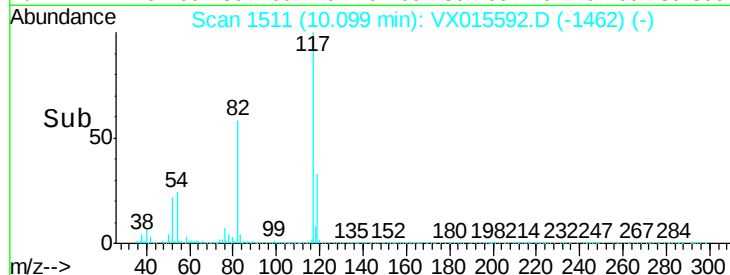
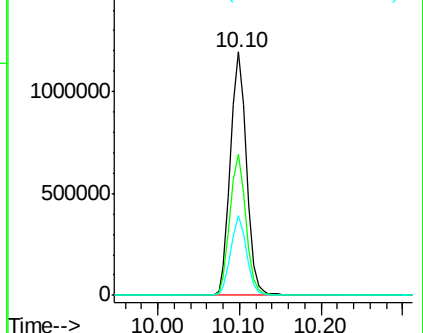
119 32.7 26.8 40.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 12.987 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

Tgt Ion:164 Resp: 158201

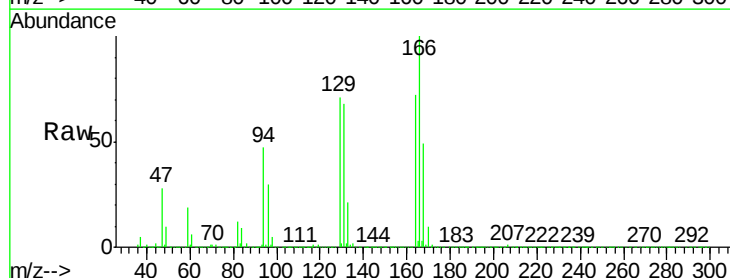
Ion Ratio Lower Upper

164 100

166 138.5 97.8 146.6

129 97.6 73.0 109.4

131 93.5 68.6 103.0

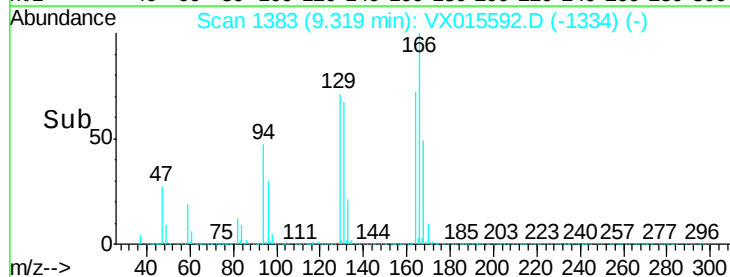
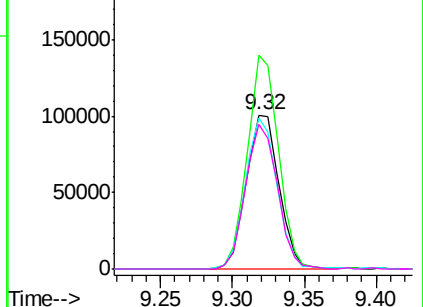


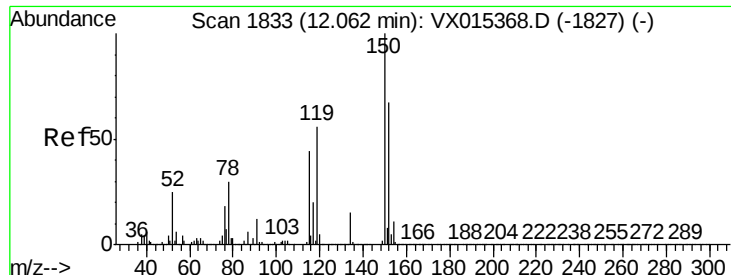
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015592.D

Acq: 09 Apr 2020 13:30

Instrument :

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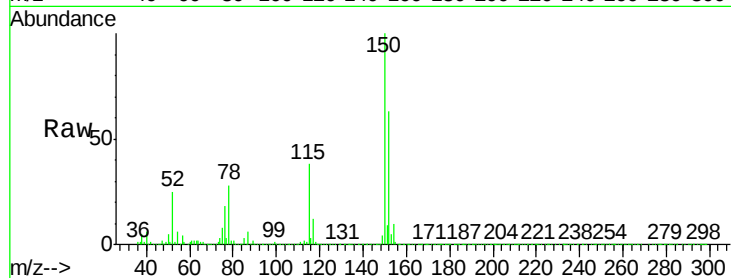
Tot Ion:152 Resp: 895286

Ion Ratio Lower Upper

152 100

115 58.3 39.0 116.9

150 156.8 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V

1500000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

