

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001738.D
 Acq On : 15 May 2018 12:00
 Operator : JC/MD
 Sample : J2737-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW146-180503DL

Quant Time: May 16 04:34:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

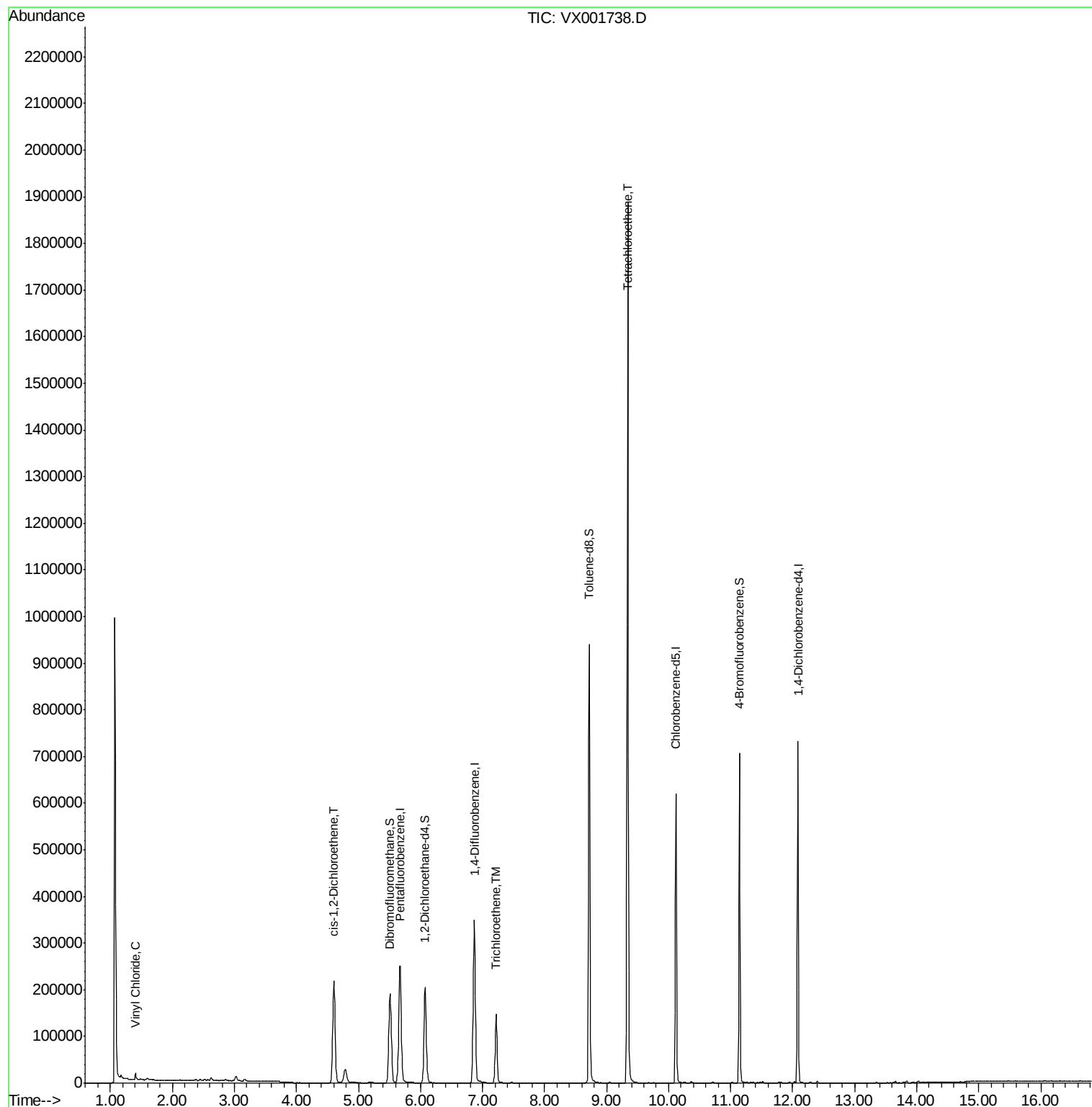
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193602	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	5.51	113	160940	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	8.72	98	570610	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.15	95	173807	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9563	2.96	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	143438	42.00	ug/l	91
44) Trichloroethene	7.22	130	60261	15.53	ug/l	100
64) Tetrachloroethene	9.34	164	410429	103.14	ug/l	98

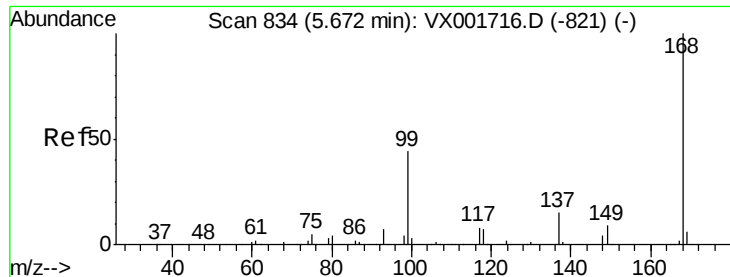
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

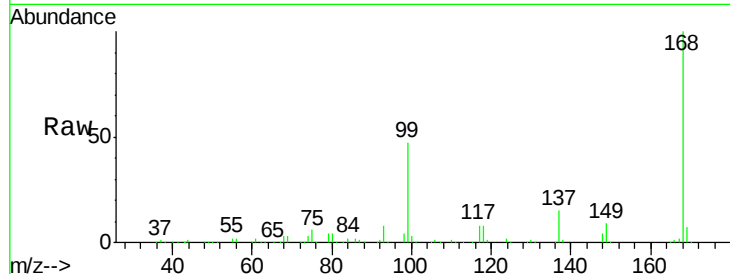
KY062MW146-180503DL

Tot Ion:168 Resp: 275618

Ion Ratio Lower Upper

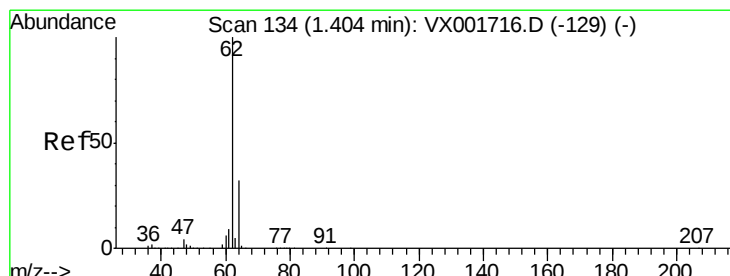
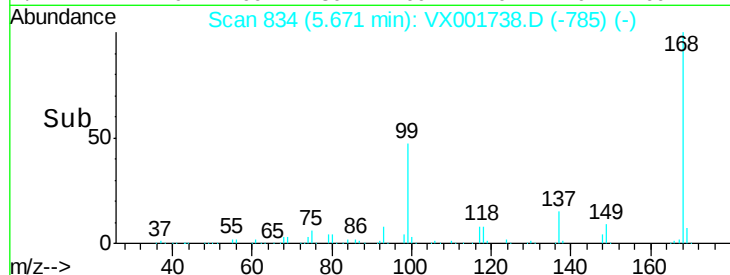
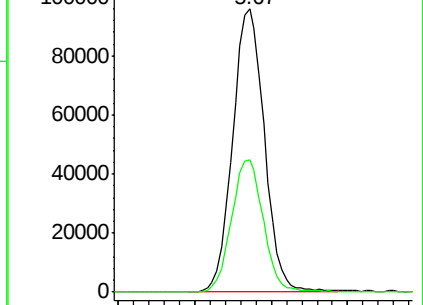
168 100

99 46.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.96 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001738.D

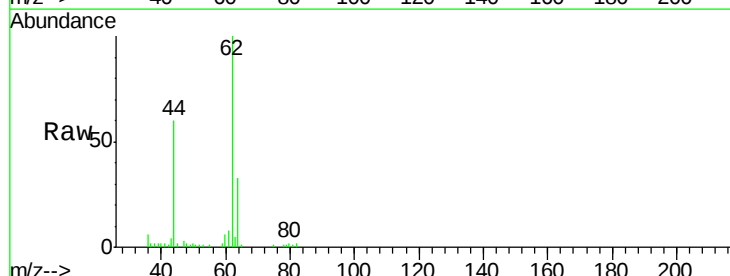
Acq: 15 May 2018 12:00

Tgt Ion: 62 Resp: 9563

Ion Ratio Lower Upper

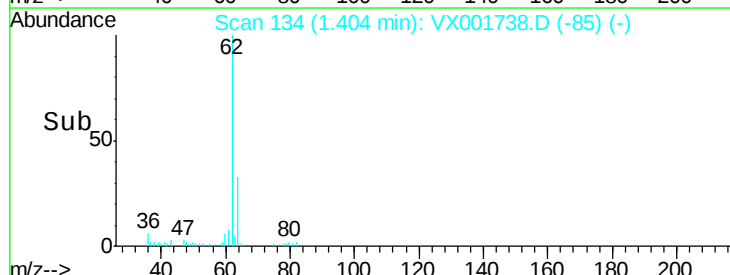
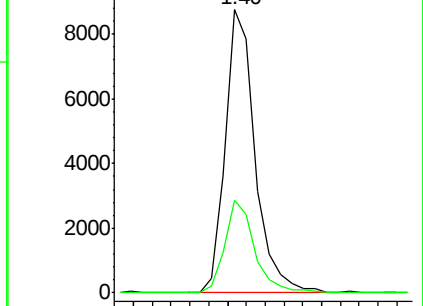
62 100

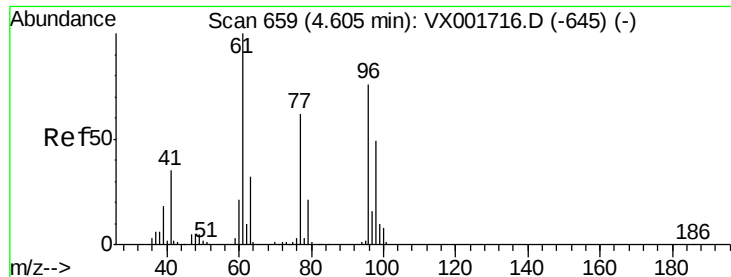
64 32.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 42.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

KY062MW146-180503DL

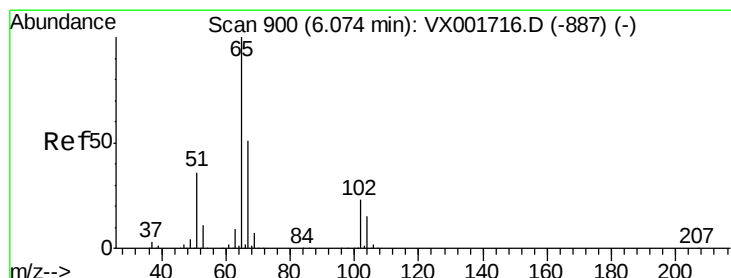
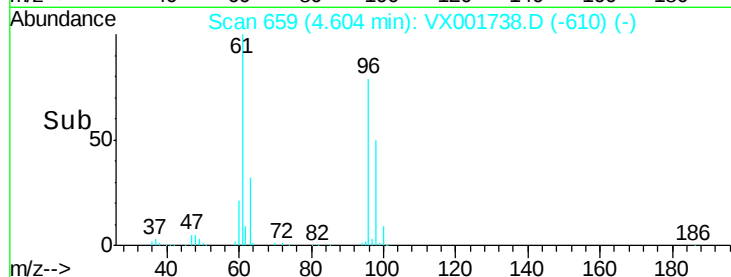
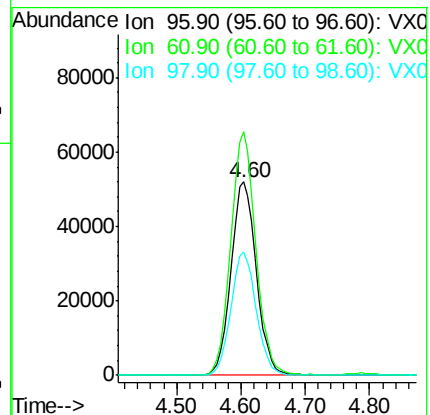
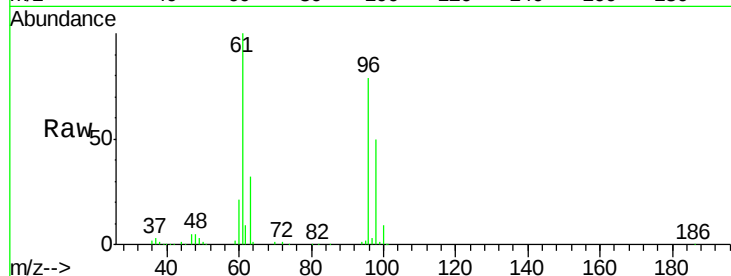
Tot Ion: 96 Resp: 143438

Ion Ratio Lower Upper

96 100

61 124.7 0.0 280.4

98 63.8 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 52.40 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001738.D

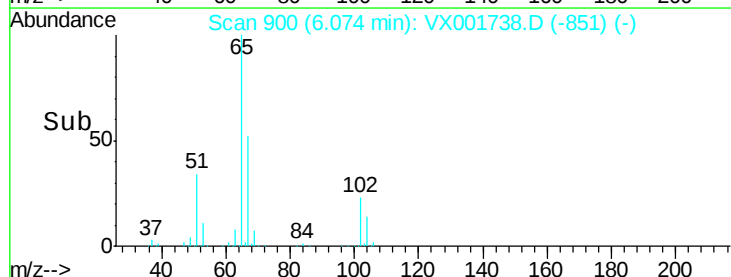
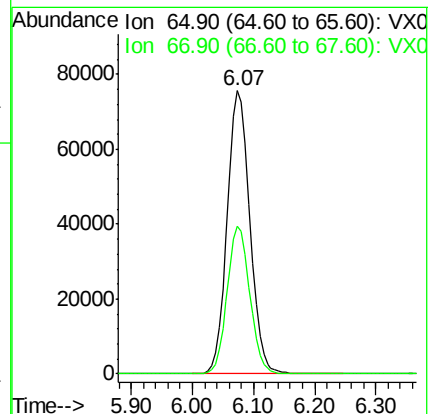
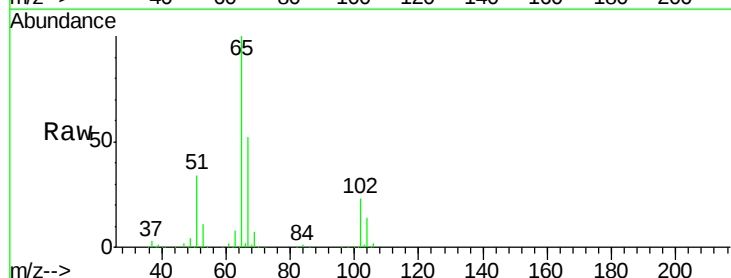
Acq: 15 May 2018 12:00

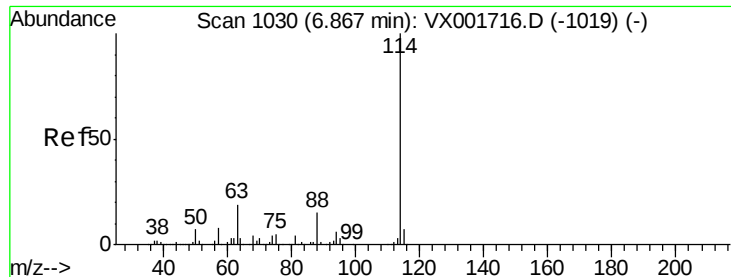
Tgt Ion: 65 Resp: 193602

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

KY062MW146-180503DL

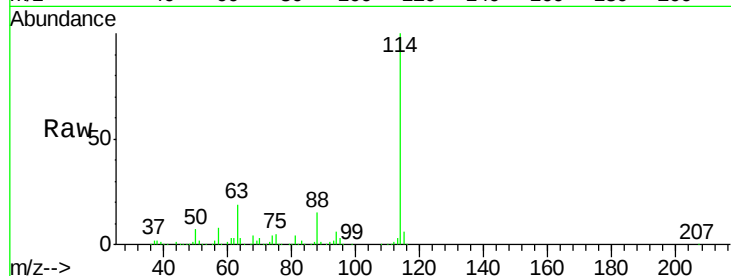
Tot Ion:114 Resp: 368488

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

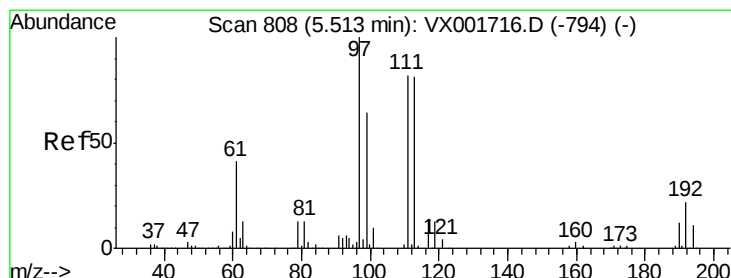
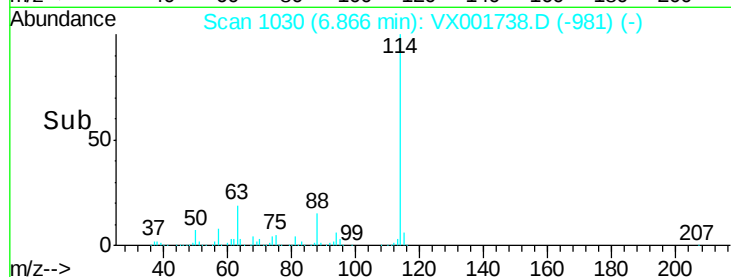
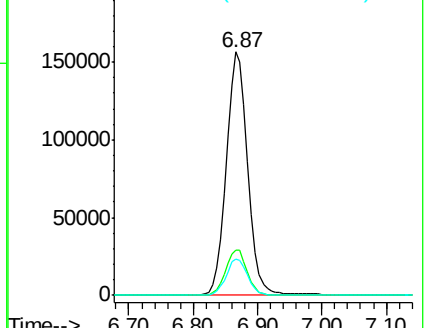
88 14.9 0.0 29.8



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: 51.75 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

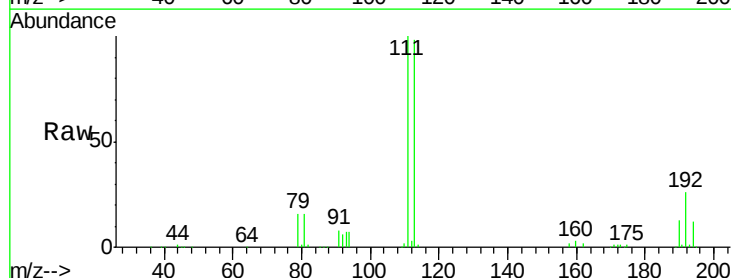
Tgt Ion:113 Resp: 160940

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

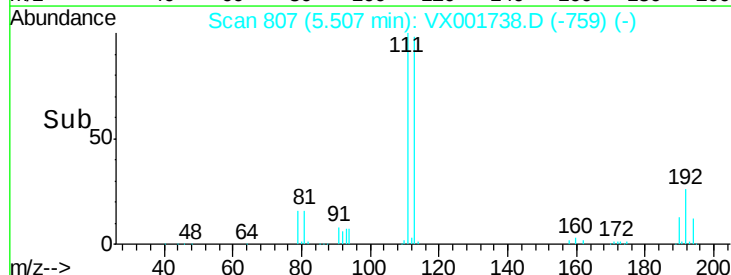
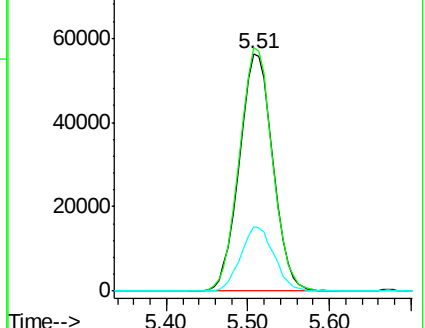
192 27.0 21.6 32.4

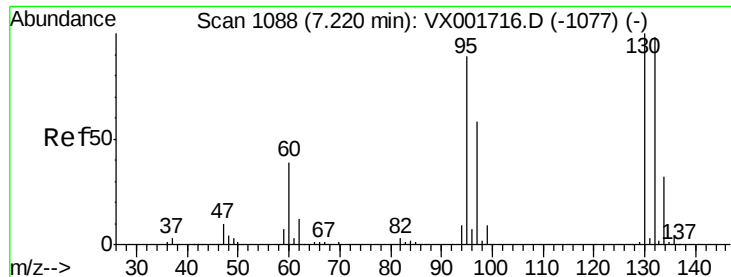


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 15.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

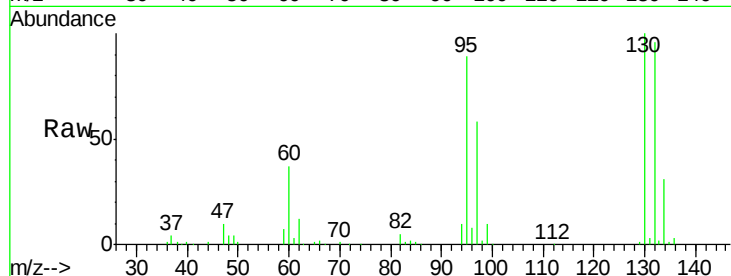
KY062MW146-180503DL

Tot Ion:130 Resp: 60261

Ion Ratio Lower Upper

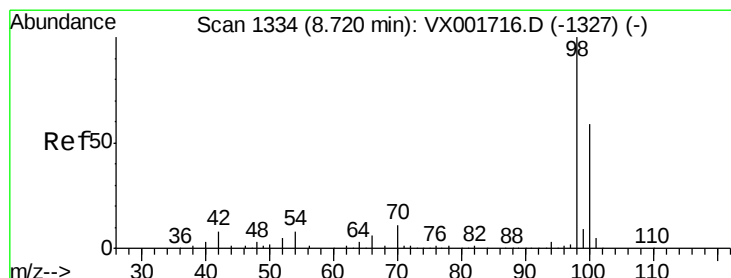
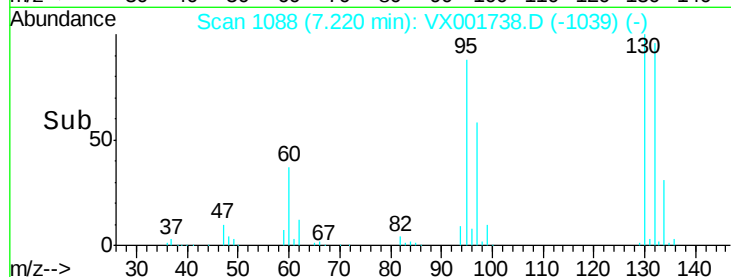
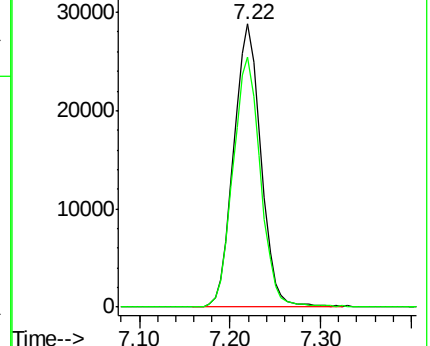
130 100

95 88.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001738.D

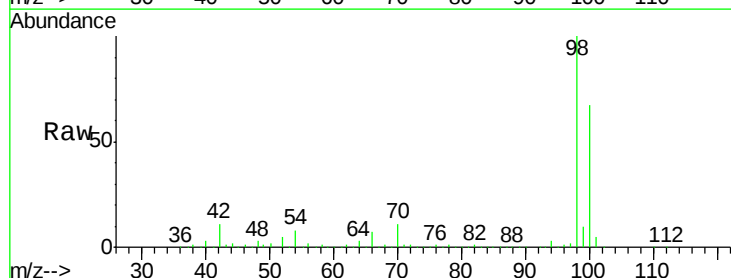
Acq: 15 May 2018 12:00

Tgt Ion: 98 Resp: 570610

Ion Ratio Lower Upper

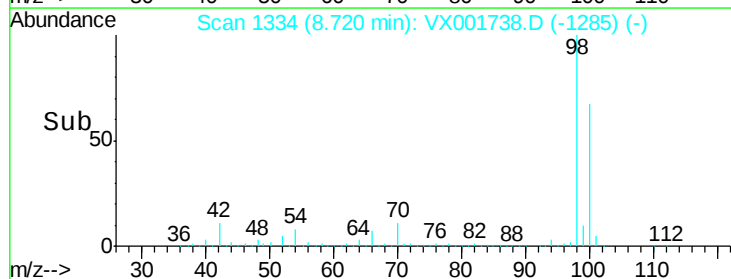
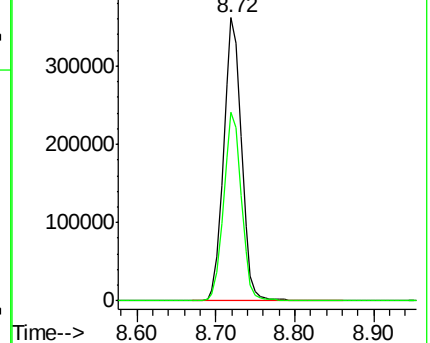
98 100

100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

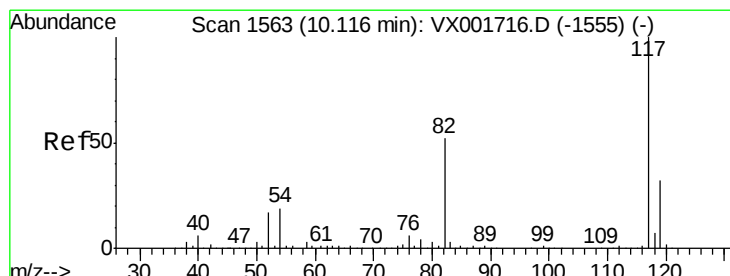
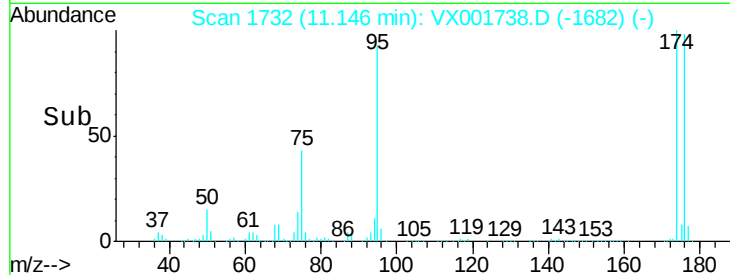
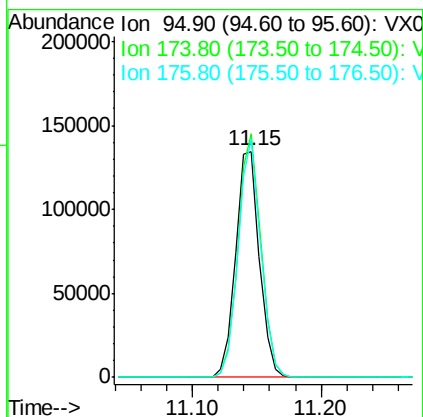
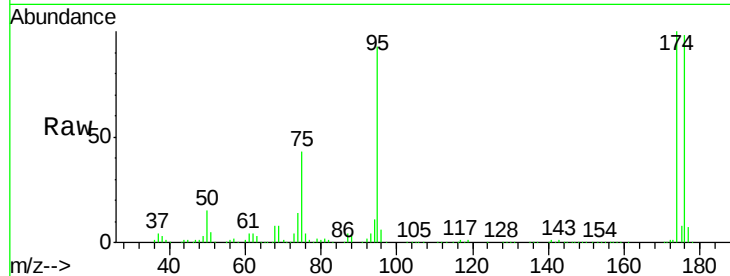




#62
4-Bromofluorobenzene
Concen: 43.34 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001738.D
Acq: 15 May 2018 12:00

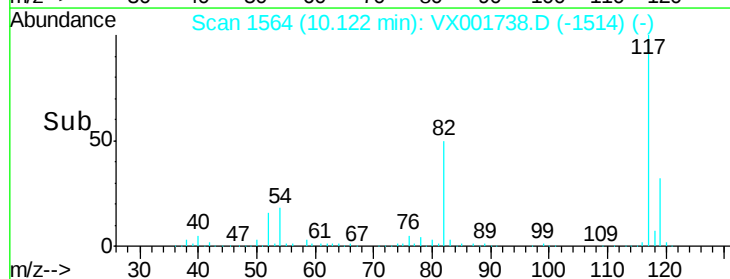
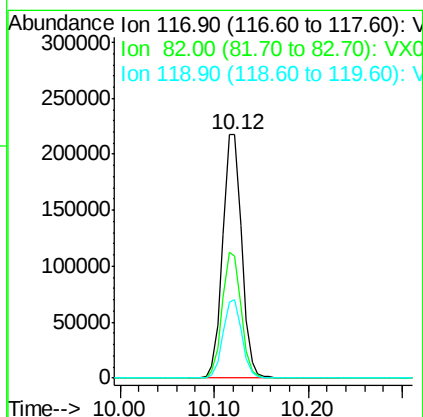
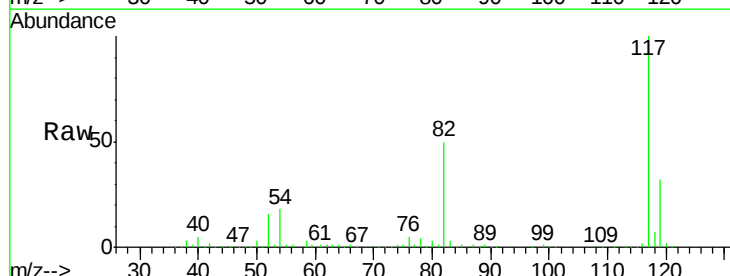
Instrument :
MSVOA_X
ClientSampleId :
KY062MW146-180503DL

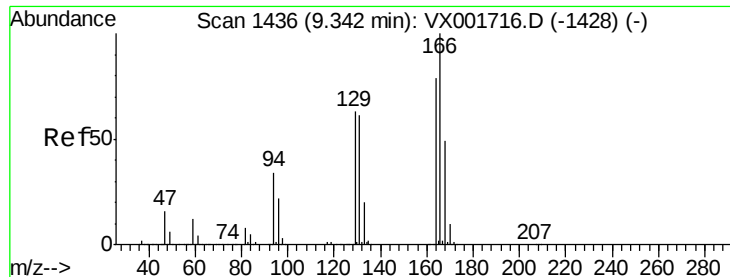
Tot Ion: 95 Resp: 173807
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.8
176 99.2 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001738.D
Acq: 15 May 2018 12:00

Tgt Ion: 117 Resp: 305688
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 32.3 25.6 38.4





#64

Tetrachloroethene

Concen: 103.14 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

KY062MW146-180503DL

Tot Ion:164 Resp: 410429

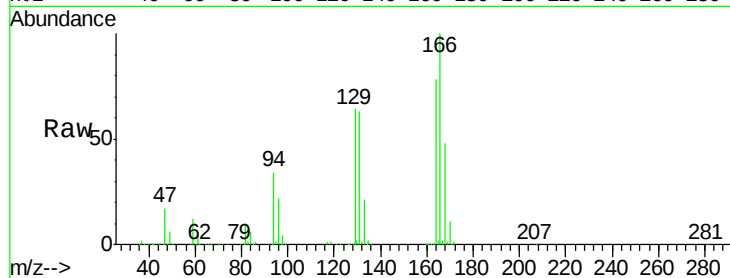
Ion Ratio Lower Upper

164 100

166 127.9 101.8 152.8

129 82.2 63.8 95.6

131 80.3 62.2 93.2

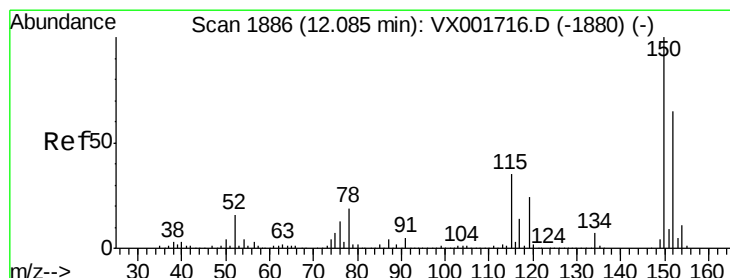
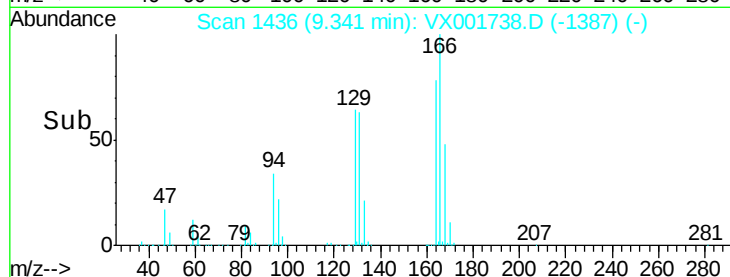
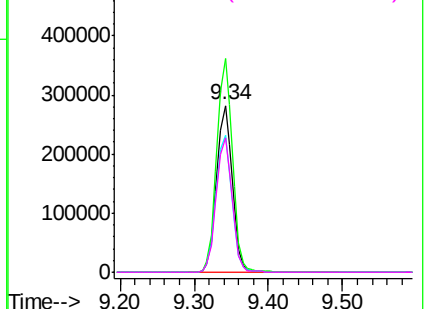


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1886

Delta R.T. -0.00 min

Lab File: VX001738.D

Acq: 15 May 2018 12:00

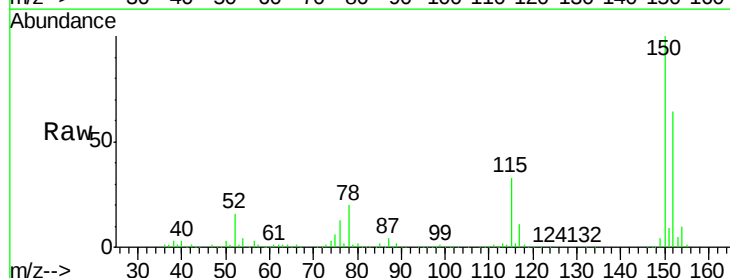
Tgt Ion:152 Resp: 159538

Ion Ratio Lower Upper

152 100

115 52.1 37.4 112.2

150 157.2 0.0 344.8



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

