

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001749.D
 Acq On : 15 May 2018 16:55
 Operator : JC/MD
 Sample : J2737-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW145-180503

Quant Time: May 16 05:26:49 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

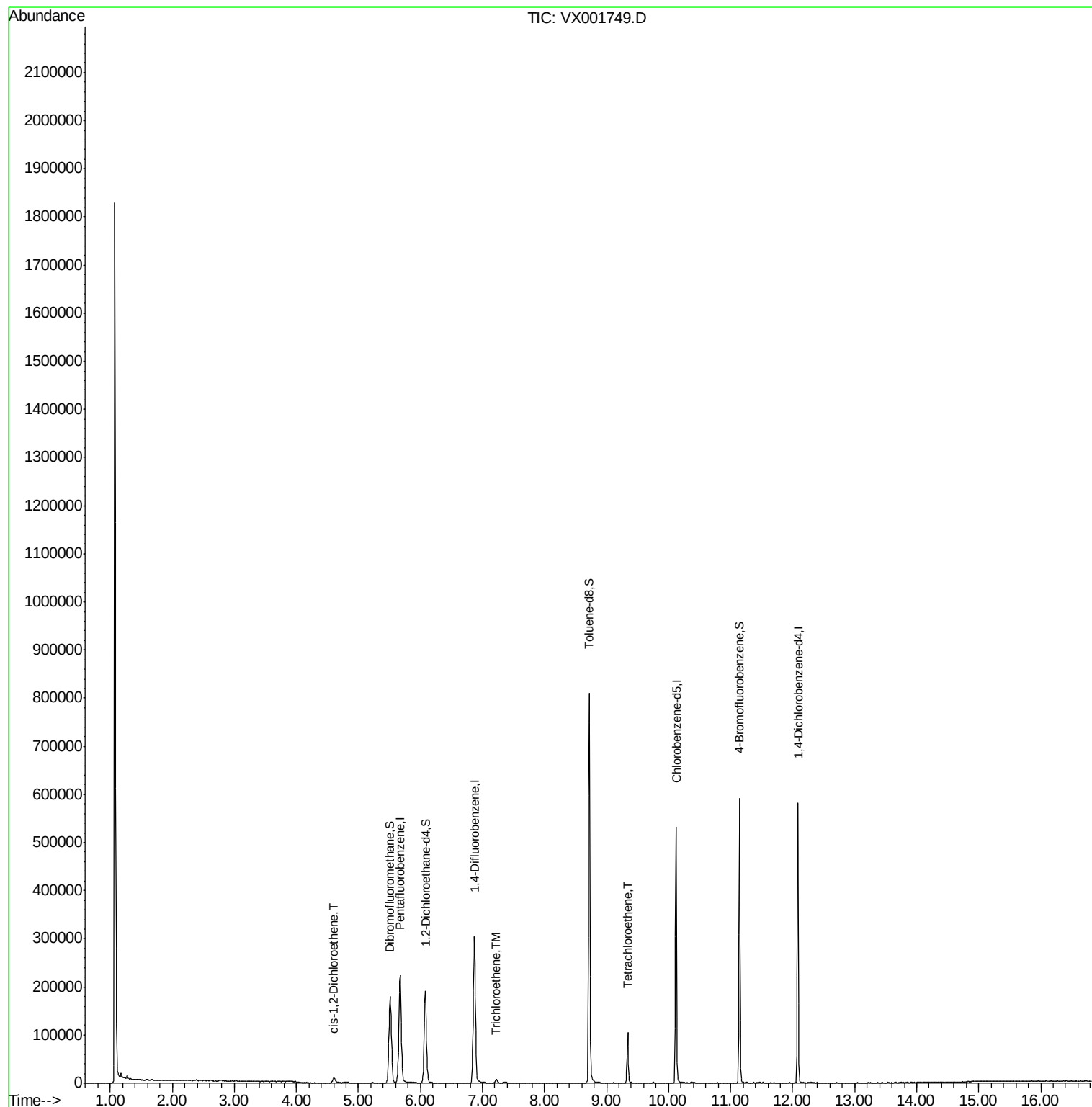
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	180779	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
35) Dibromofluoromethane	5.51	113	146239	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
50) Toluene-d8	8.72	98	488615	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.15	95	148242	42.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.10%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6477	2.19	ug/l	86
44) Trichloroethene	7.22	130	2969	0.88	ug/l	94
64) Tetrachloroethene	9.34	164	23182	6.82	ug/l	96

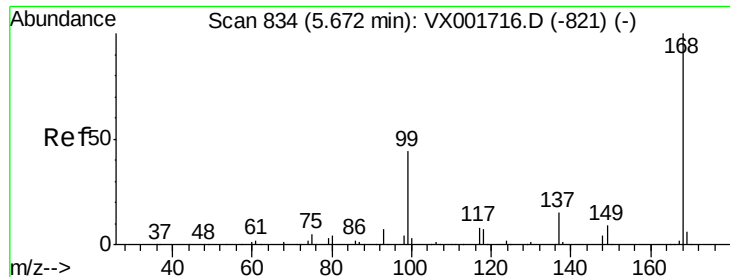
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001749.D

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MSVOA_X

ClientSampleId :

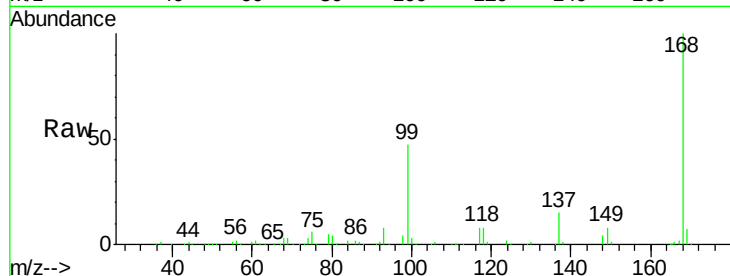
KY062MW145-180503

Tot Ion:168 Resp: 238348

Ion Ratio Lower Upper

168 100

99 46.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

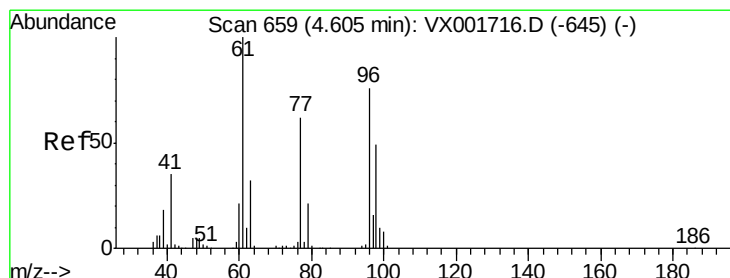
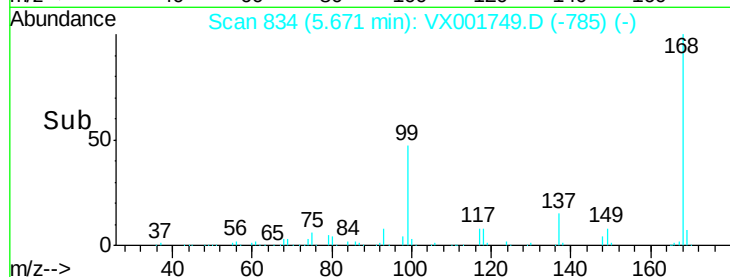
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.19 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001749.D

Acq: 15 May 2018 16:55

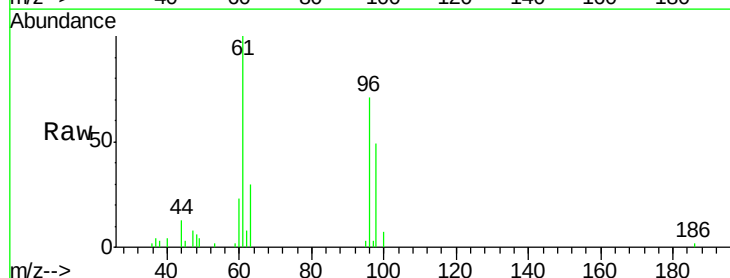
Tgt Ion: 96 Resp: 6477

Ion Ratio Lower Upper

96 100

61 164.5 0.0 280.4

98 62.7 0.0 128.4



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

4.60

4000

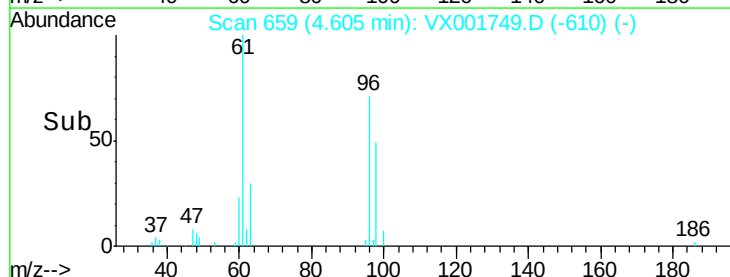
3000

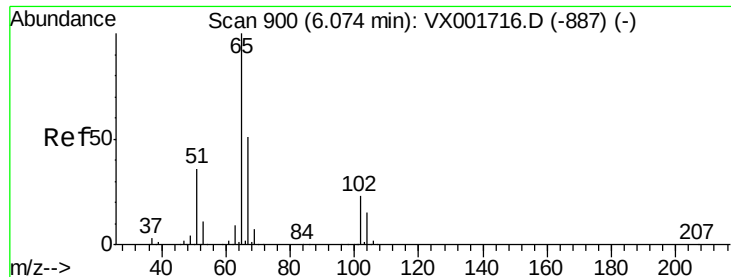
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 56.59 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001749.D

Acq: 15 May 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

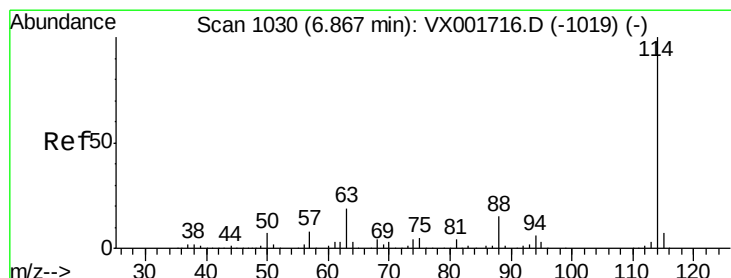
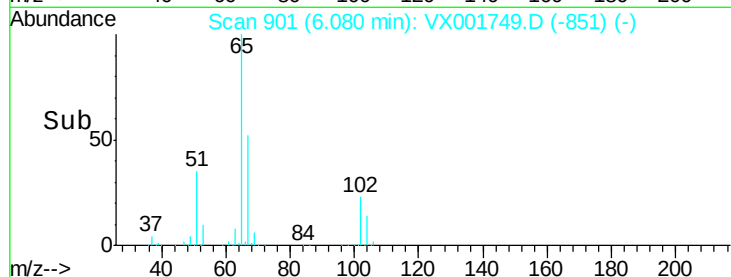
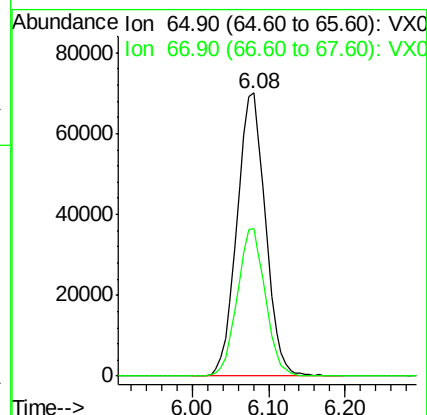
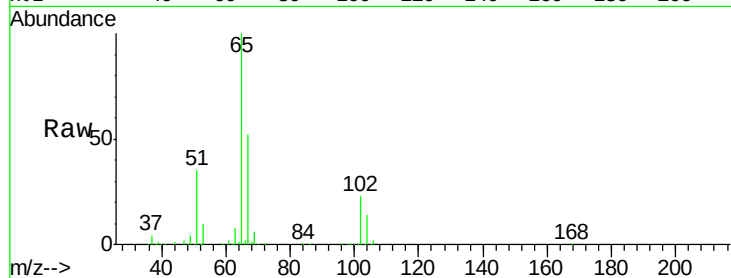
KY062MW145-180503

Tot Ion: 65 Resp: 180779

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001749.D

Acq: 15 May 2018 16:55

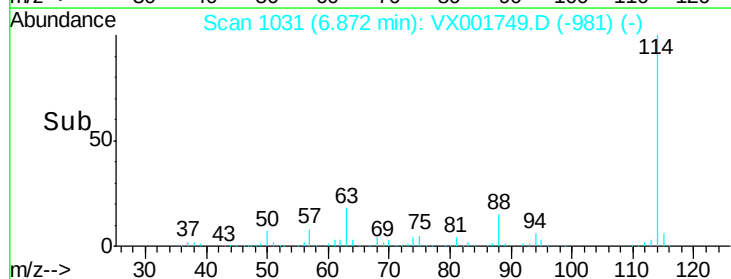
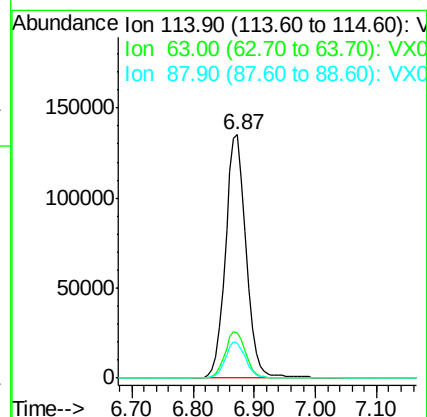
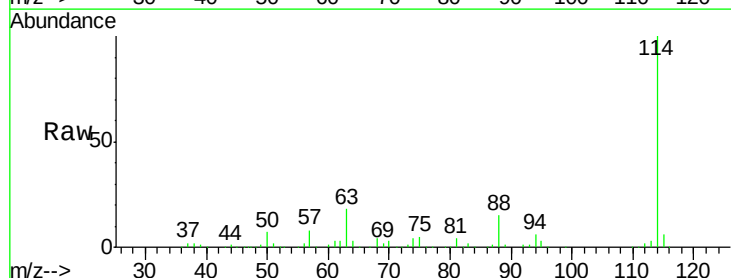
Tgt Ion: 114 Resp: 320166

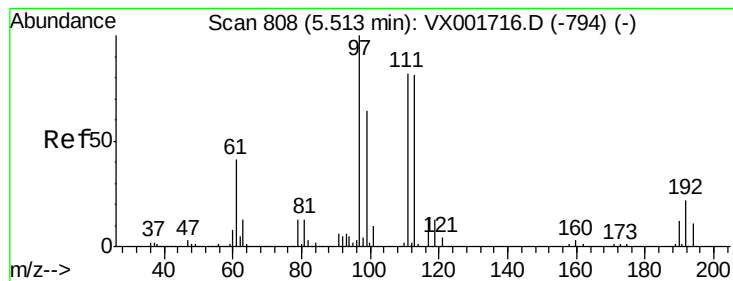
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 14.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.12 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001749.D

Acq: 15 May 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-180503

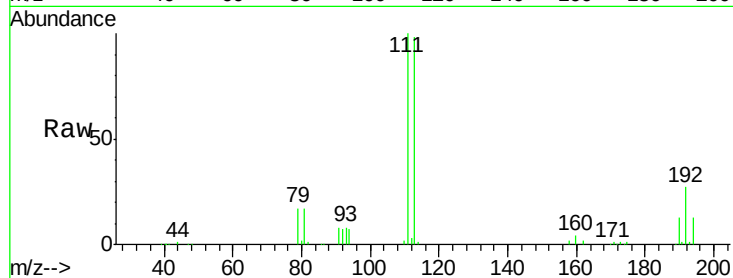
Tot Ion:113 Resp: 146239

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

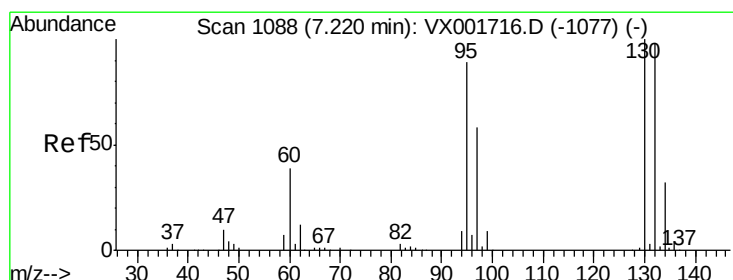
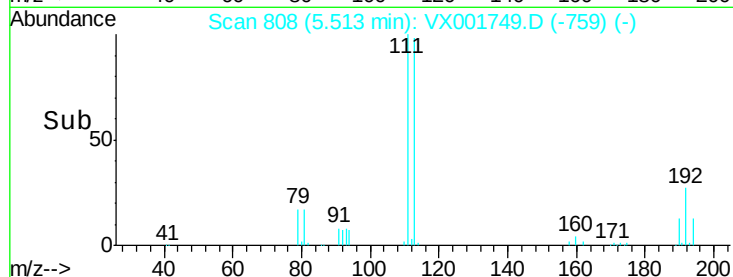
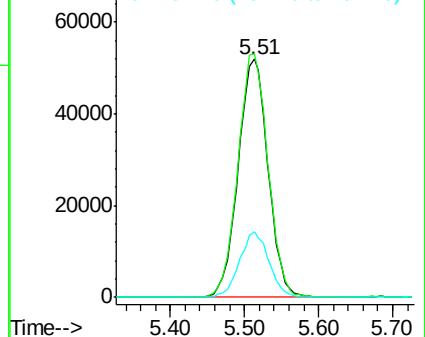
192 27.0 21.6 32.4



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: 0.88 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001749.D

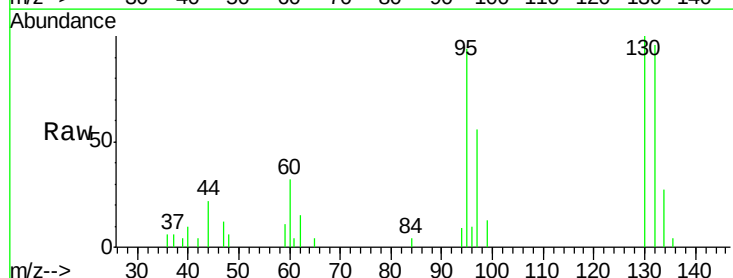
Acq: 15 May 2018 16:55

Tgt Ion:130 Resp: 2969

Ion Ratio Lower Upper

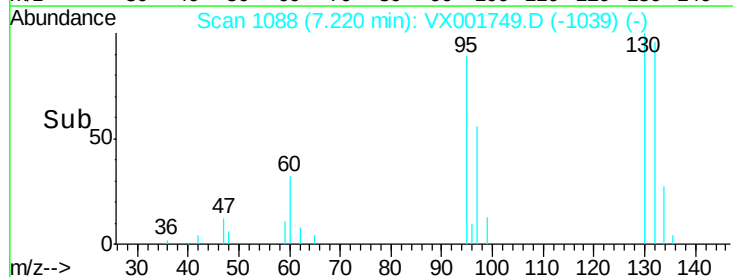
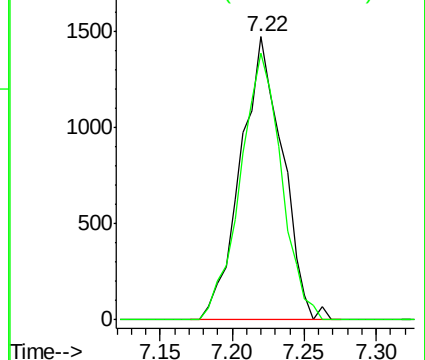
130 100

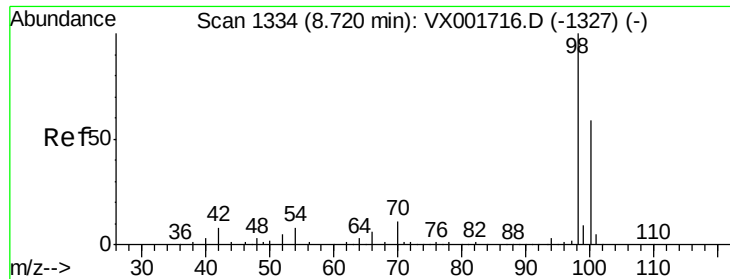
95 94.4 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001749.D

Acq: 15 May 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

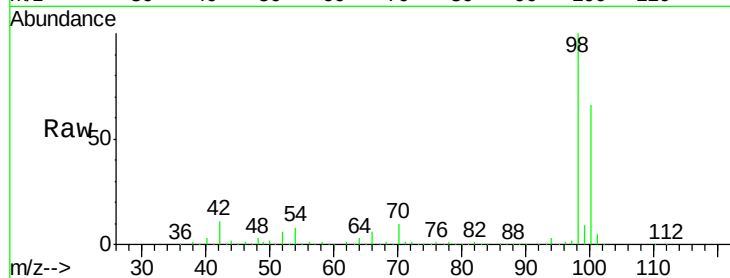
KY062MW145-180503

Tot Ion: 98 Resp: 488615

Ion Ratio Lower Upper

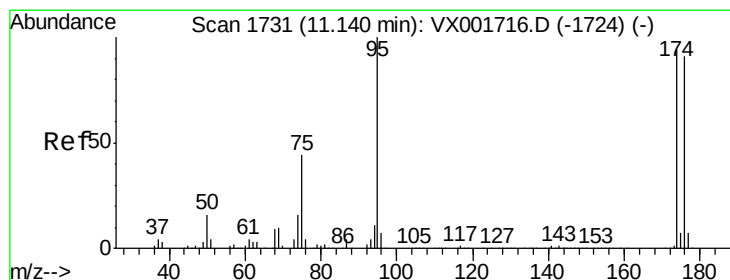
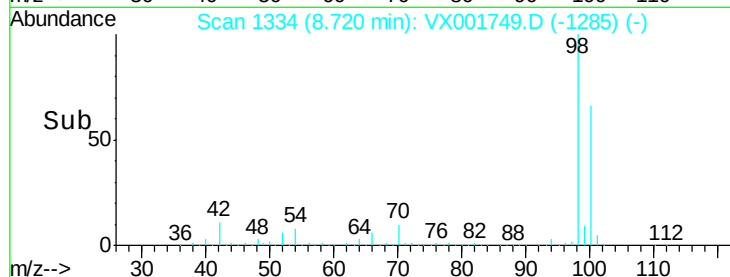
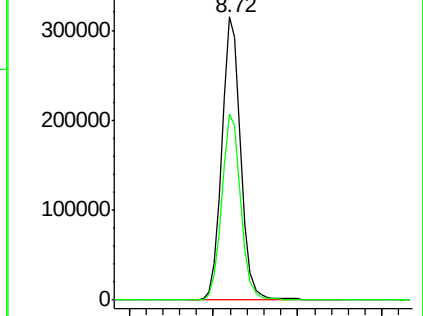
98 100

100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.55 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001749.D

Acq: 15 May 2018 16:55

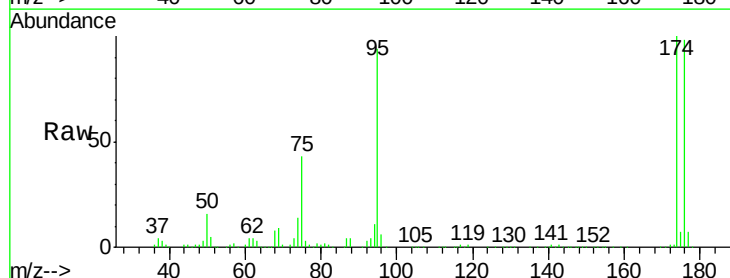
Tgt Ion: 95 Resp: 148242

Ion Ratio Lower Upper

95 100

174 102.4 0.0 201.8

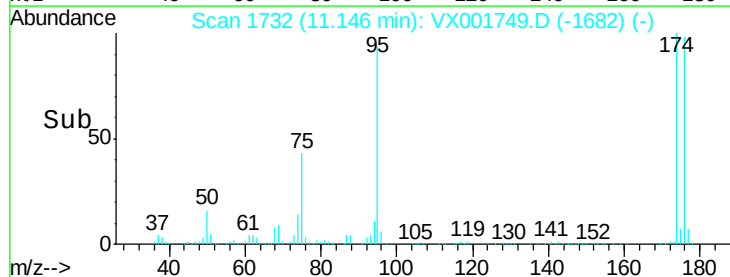
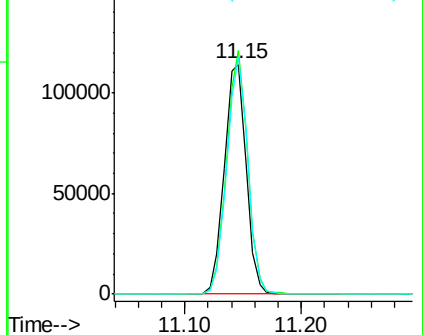
176 99.4 0.0 196.8

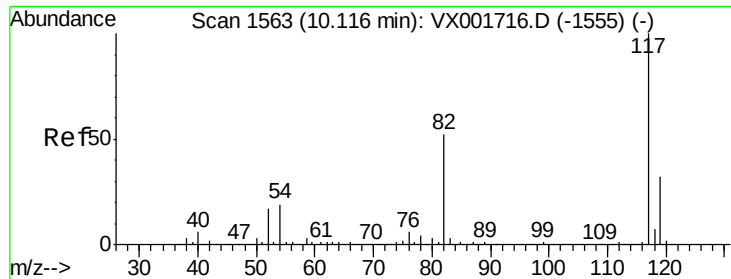


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

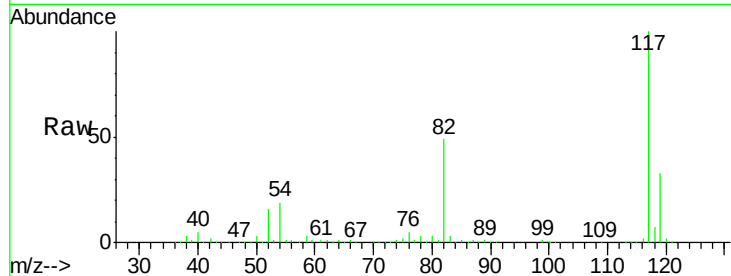




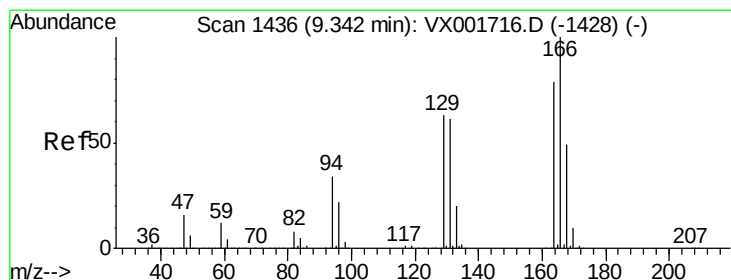
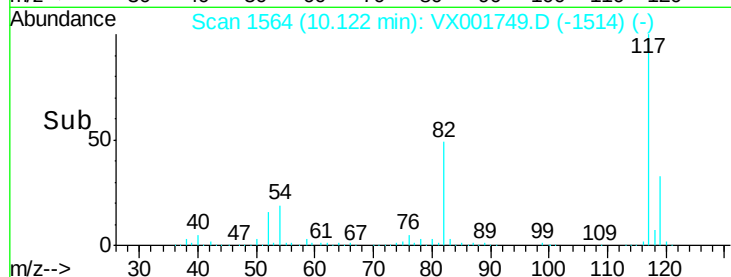
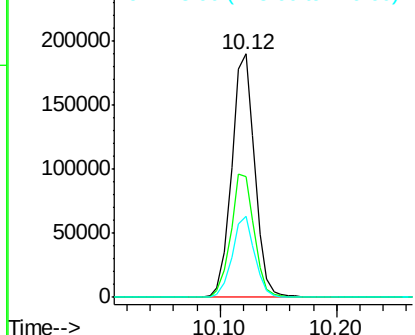
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001749.D
Acq: 15 May 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
KY062MW145-180503

Tot Ion:117 Resp: 261288
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 33.1 25.6 38.4

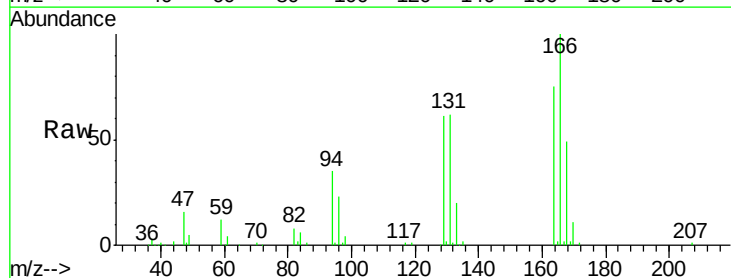


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

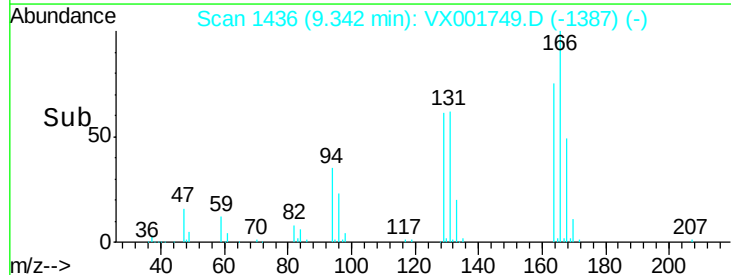
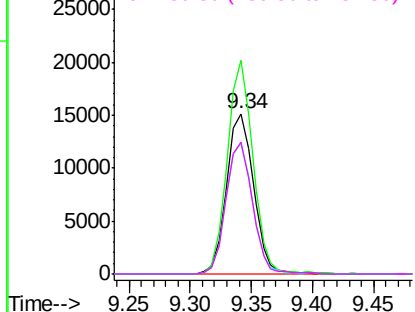


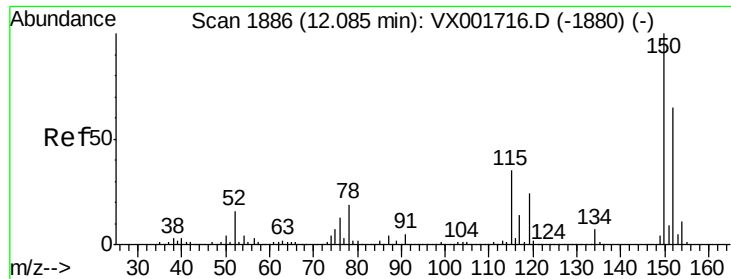
#64
Tetrachloroethene
Concen: 6.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001749.D
Acq: 15 May 2018 16:55

Tgt Ion:164 Resp: 23182
Ion Ratio Lower Upper
164 100
166 133.2 101.8 152.8
129 81.5 63.8 95.6
131 82.4 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: VX001749.D

Acq: 15 May 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-180503

Tot Ion:152 Resp: 129290

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

150 154.3 0.0 344.8

