

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
 Data File : VX001739.D
 Acq On : 15 May 2018 12:27
 Operator : JC/MD
 Sample : J2737-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-180503

Quant Time: May 16 04:44:00 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

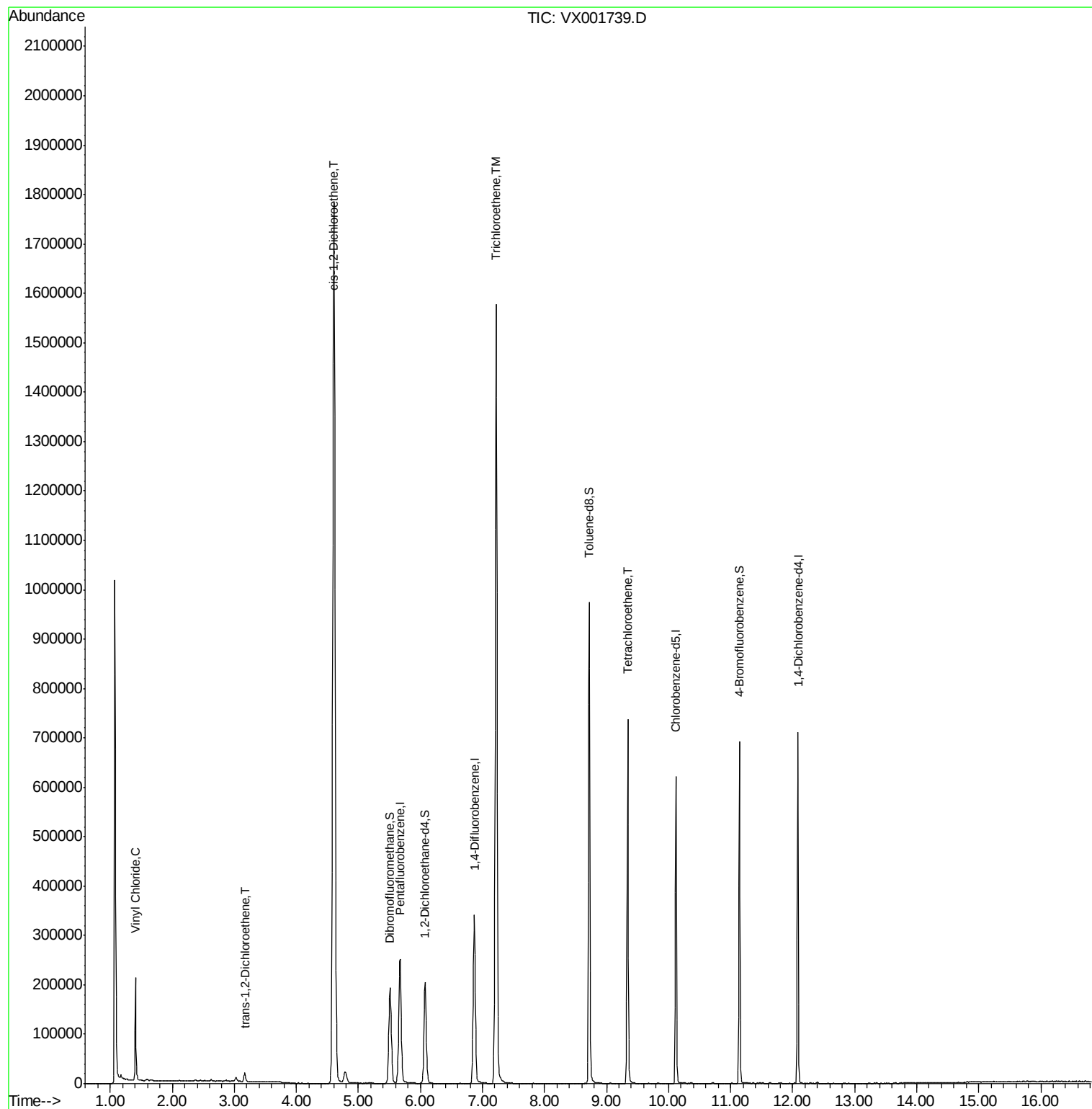
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194494	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
35) Dibromofluoromethane	5.51	113	160266	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	8.72	98	570772	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	171634	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
Target Compounds						
4) Vinyl Chloride	1.40	62	131078	41.493	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	6870	2.341	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	1163833	348.477	ug/l	90
44) Trichloroethene	7.22	130	645297	169.137	ug/l	100
64) Tetrachloroethene	9.34	164	162964	41.765	ug/l	98

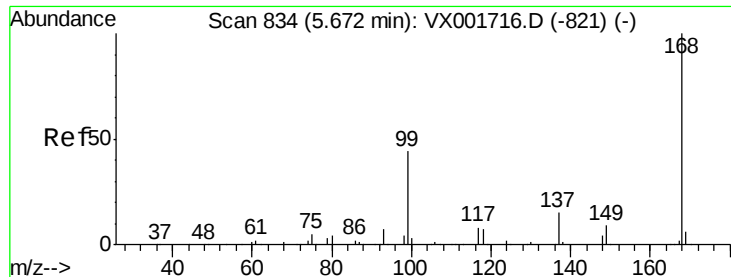
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

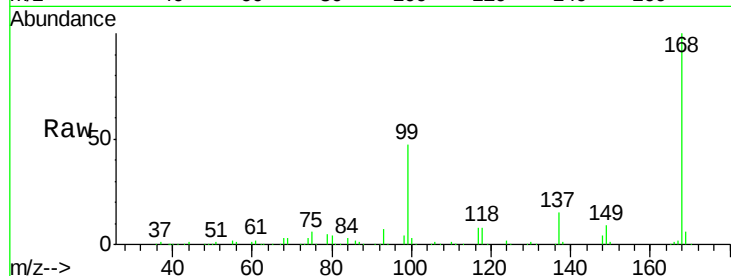
KY062MW128-180503

Tgt Ion: 168 Resp: 269553

Ion Ratio Lower Upper

168 100

99 46.6 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

100000

80000

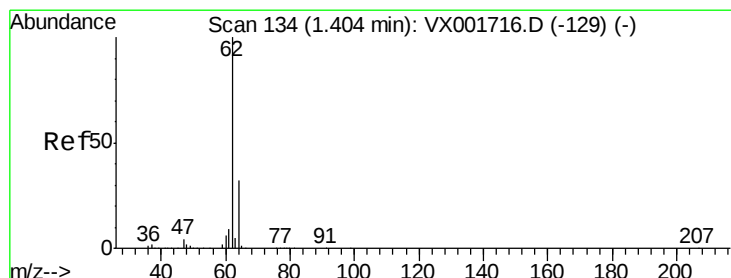
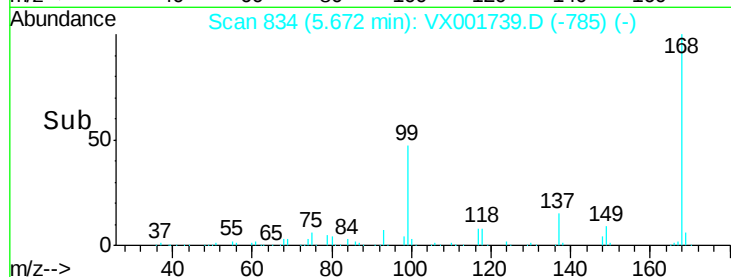
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 41.493 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001739.D

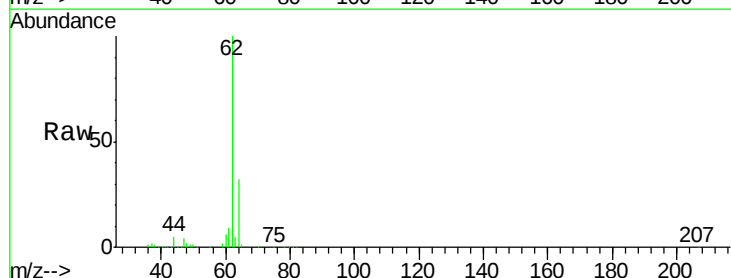
Acq: 15 May 2018 12:27

Tgt Ion: 62 Resp: 131078

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

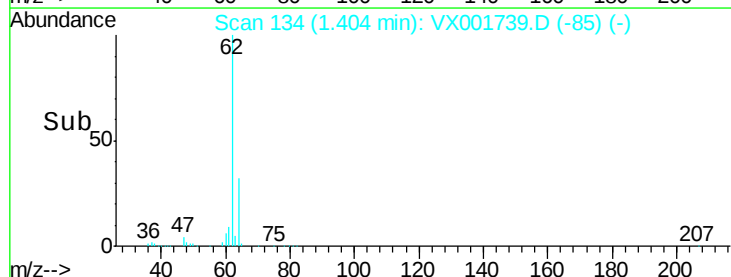
1.40

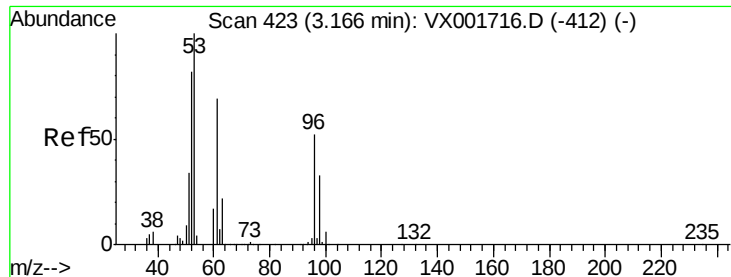
100000

50000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#21

trans-1,2-Dichloroethene

Concen: 2.341 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

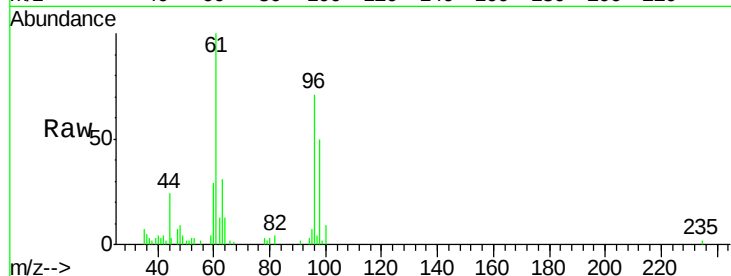
Tgt Ion: 96 Resp: 6870

Ion Ratio Lower Upper

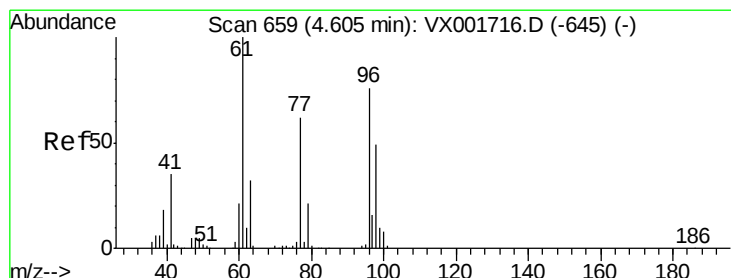
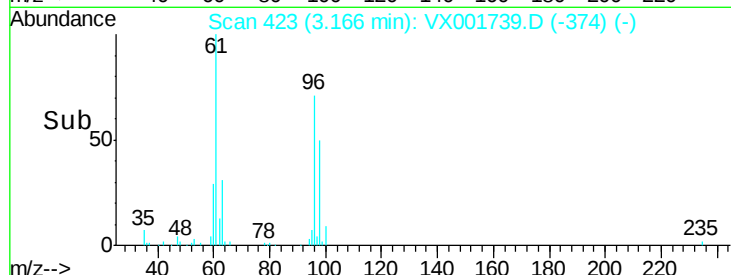
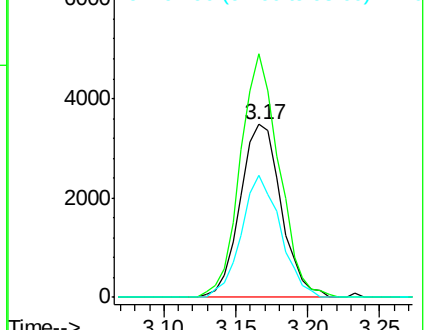
96 100

61 140.8 105.8 158.8

98 70.5 50.2 75.4



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



#27

cis-1,2-Dichloroethene

Concen: 348.477 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

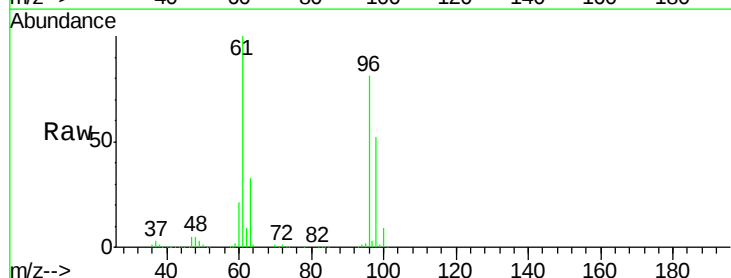
Tgt Ion: 96 Resp: 1163833

Ion Ratio Lower Upper

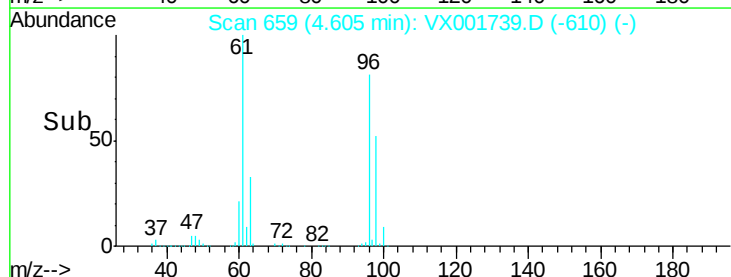
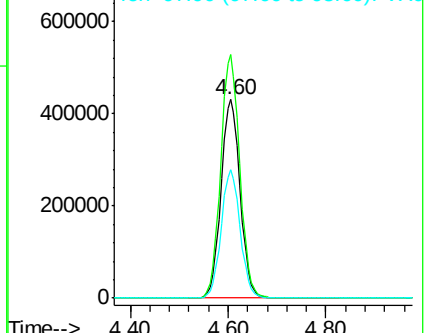
96 100

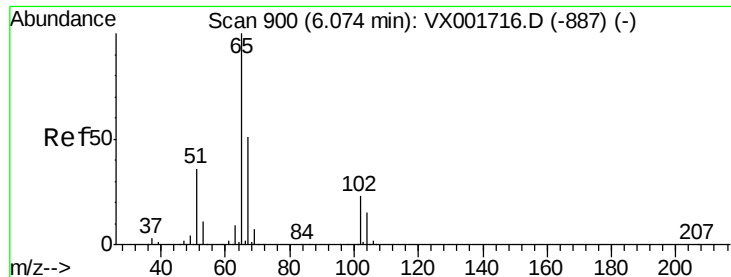
61 122.8 0.0 280.4

98 64.4 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





#33

1,2-Dichloroethane-d4

Concen: 53.831 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

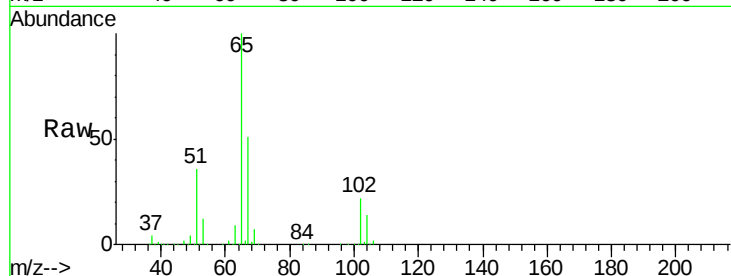
KY062MW128-180503

Tgt Ion: 65 Resp: 194494

Ion Ratio Lower Upper

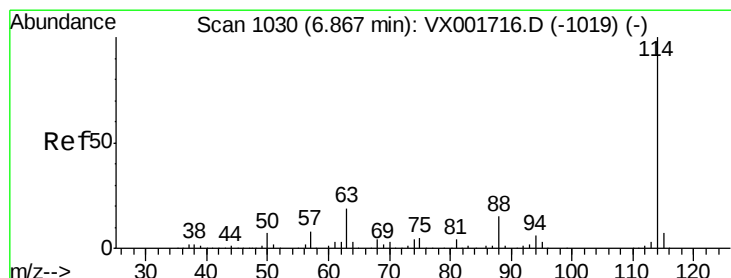
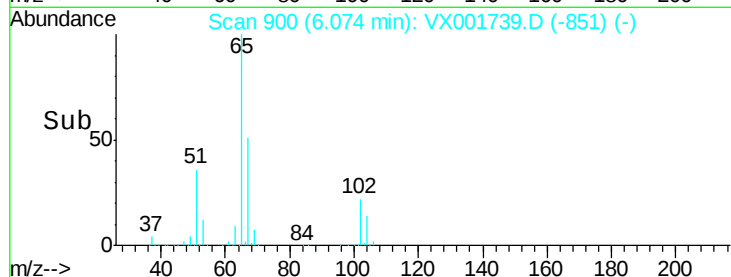
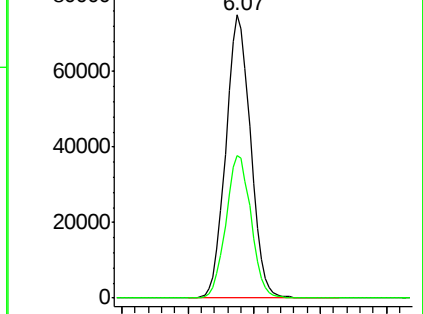
65 100

67 50.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

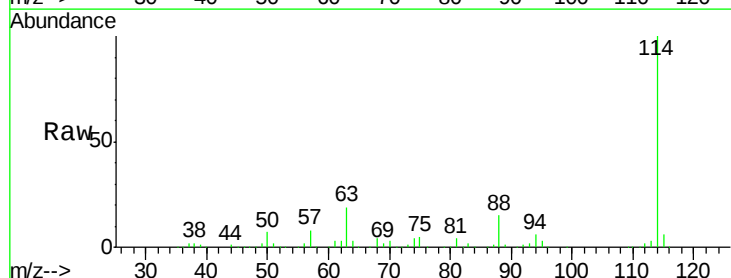
Tgt Ion: 114 Resp: 362419

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

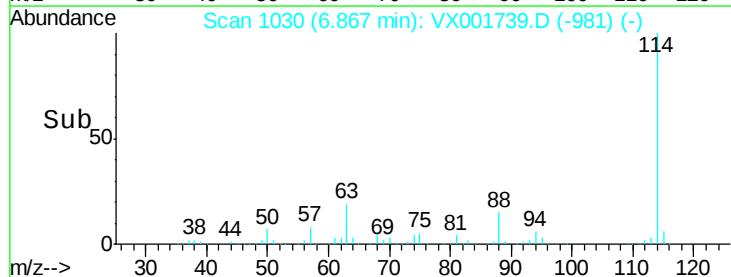
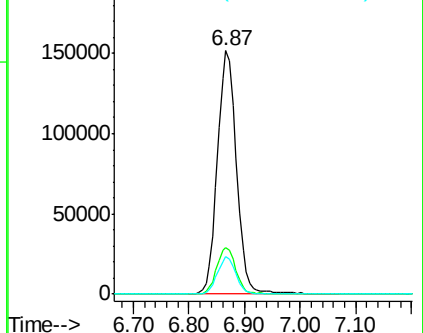
88 15.4 0.0 29.8

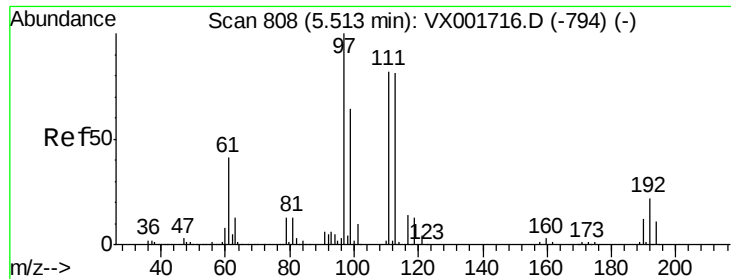


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.401 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001739.D

Acq: 15 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-180503

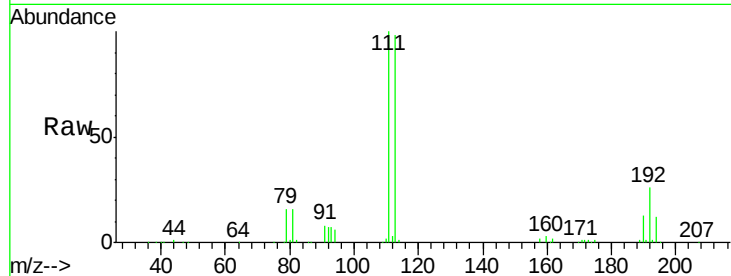
Tgt Ion:113 Resp: 160266

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

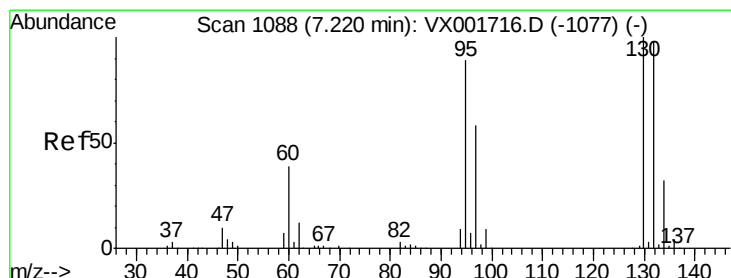
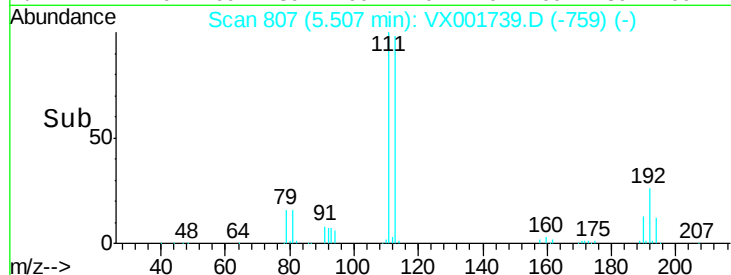
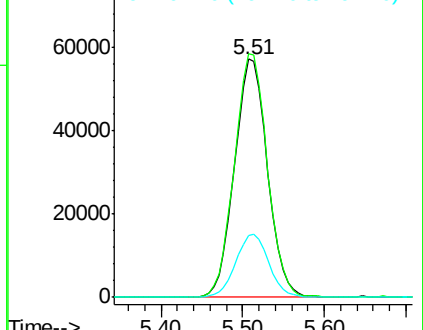
192 26.5 21.6 32.4



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: 169.137 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001739.D

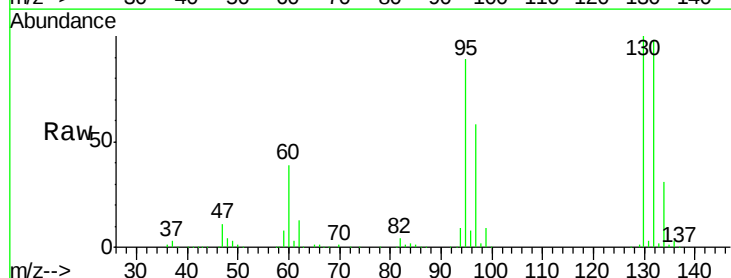
Acq: 15 May 2018 12:27

Tgt Ion:130 Resp: 645297

Ion Ratio Lower Upper

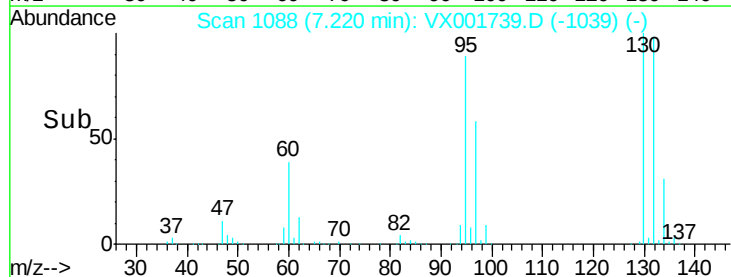
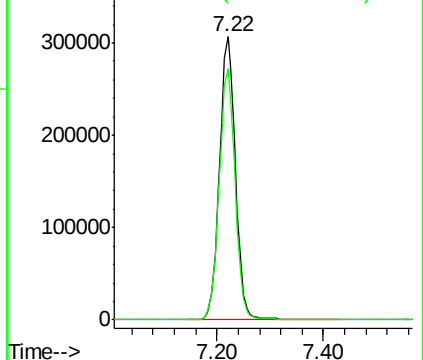
130 100

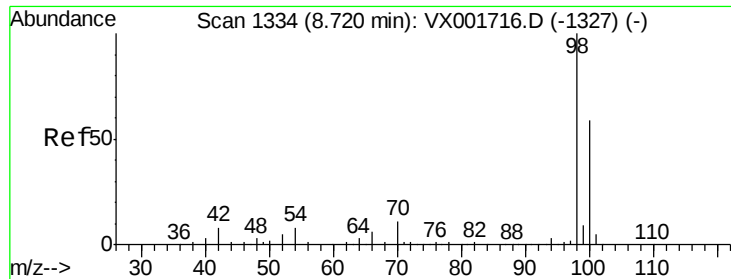
95 88.8 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

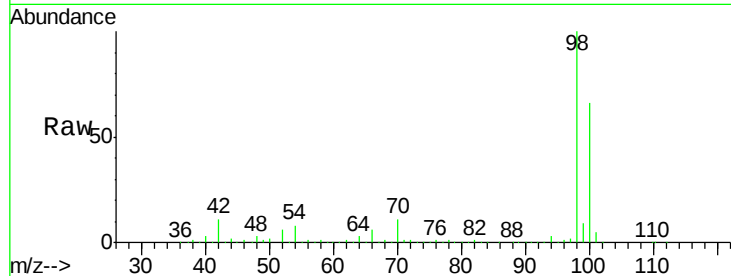




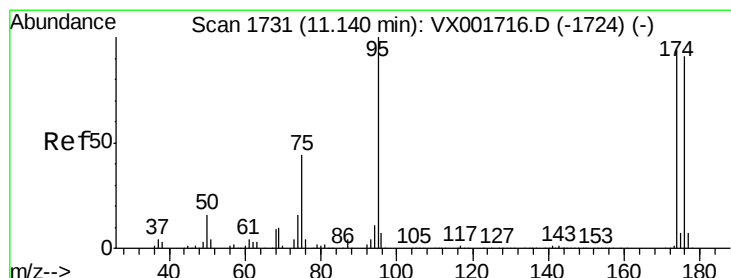
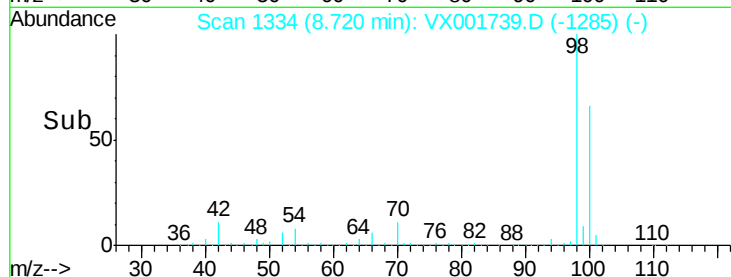
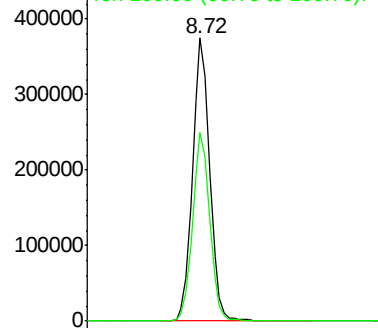
#50
Toluene-d8
Concen: 52.107 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503

Tgt Ion: 98 Resp: 570772
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0

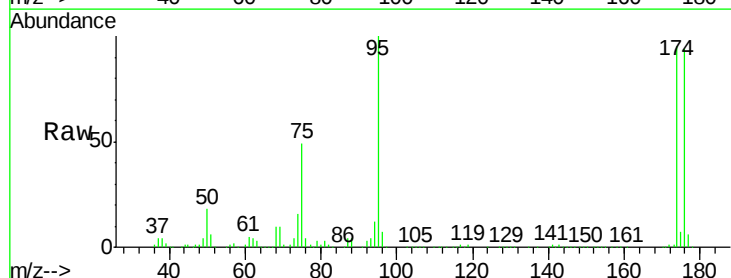


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

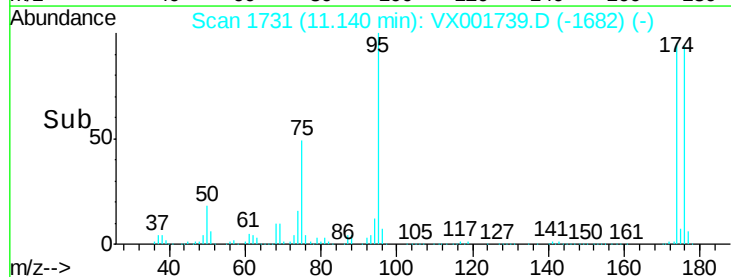
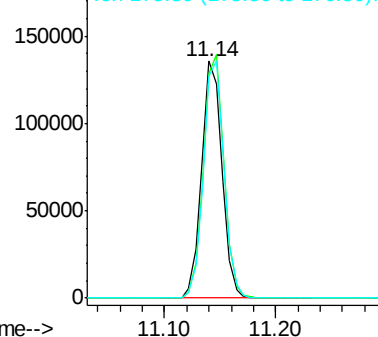


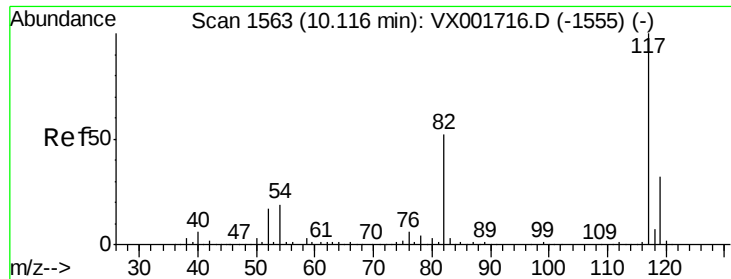
#62
4-Bromofluorobenzene
Concen: 43.518 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Tgt Ion: 95 Resp: 171634
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.8
176 100.6 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

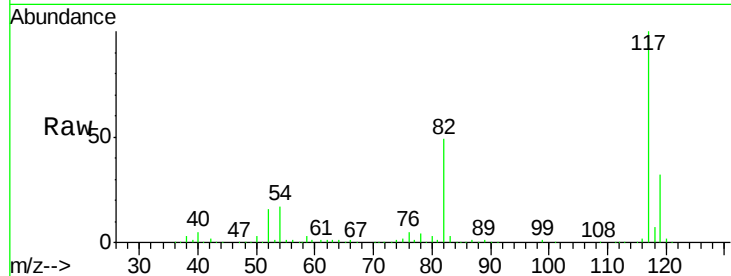




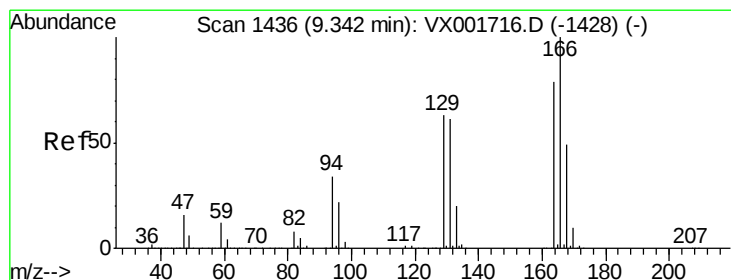
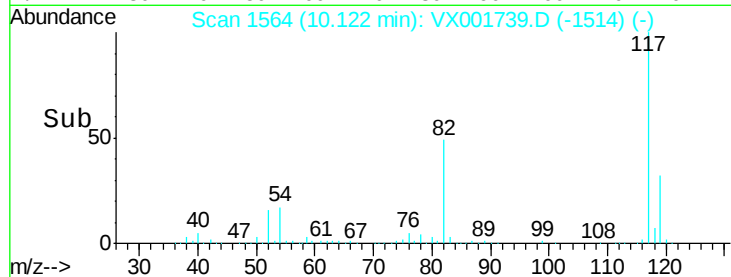
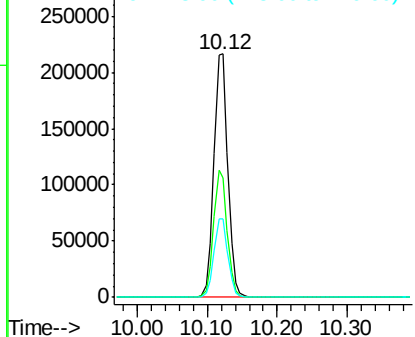
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-180503

Tgt Ion:117 Resp: 299736
Ion Ratio Lower Upper
117 100
82 49.1 41.4 62.2
119 32.4 25.6 38.4

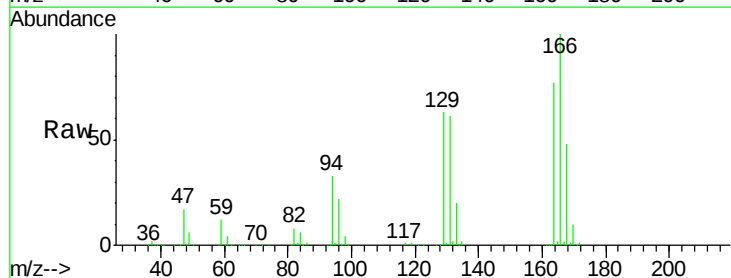


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

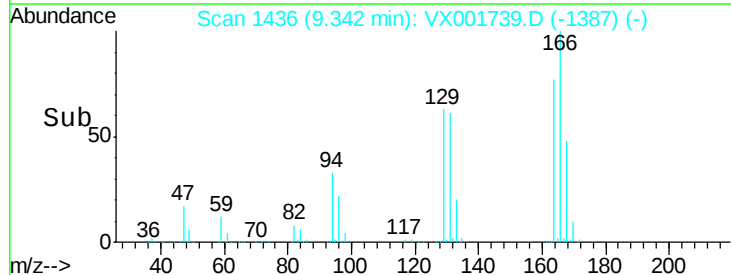
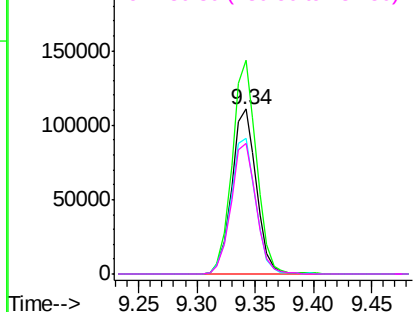


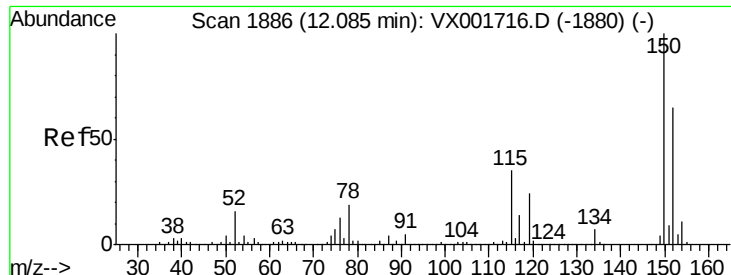
#64
Tetrachloroethene
Concen: 41.765 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001739.D
Acq: 15 May 2018 12:27

Tgt Ion:164 Resp: 162964
Ion Ratio Lower Upper
164 100
166 129.8 101.8 152.8
129 82.3 63.8 95.6
131 79.0 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: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001739.D
 Acq: 15 May 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-180503

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.3	37.4	112.2
150	155.2	0.0	344.8

