

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001649.D
 Acq On : 11 May 2018 19:41
 Operator : JC/MD
 Sample : J2741-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-180502

Quant Time: May 12 07:14:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

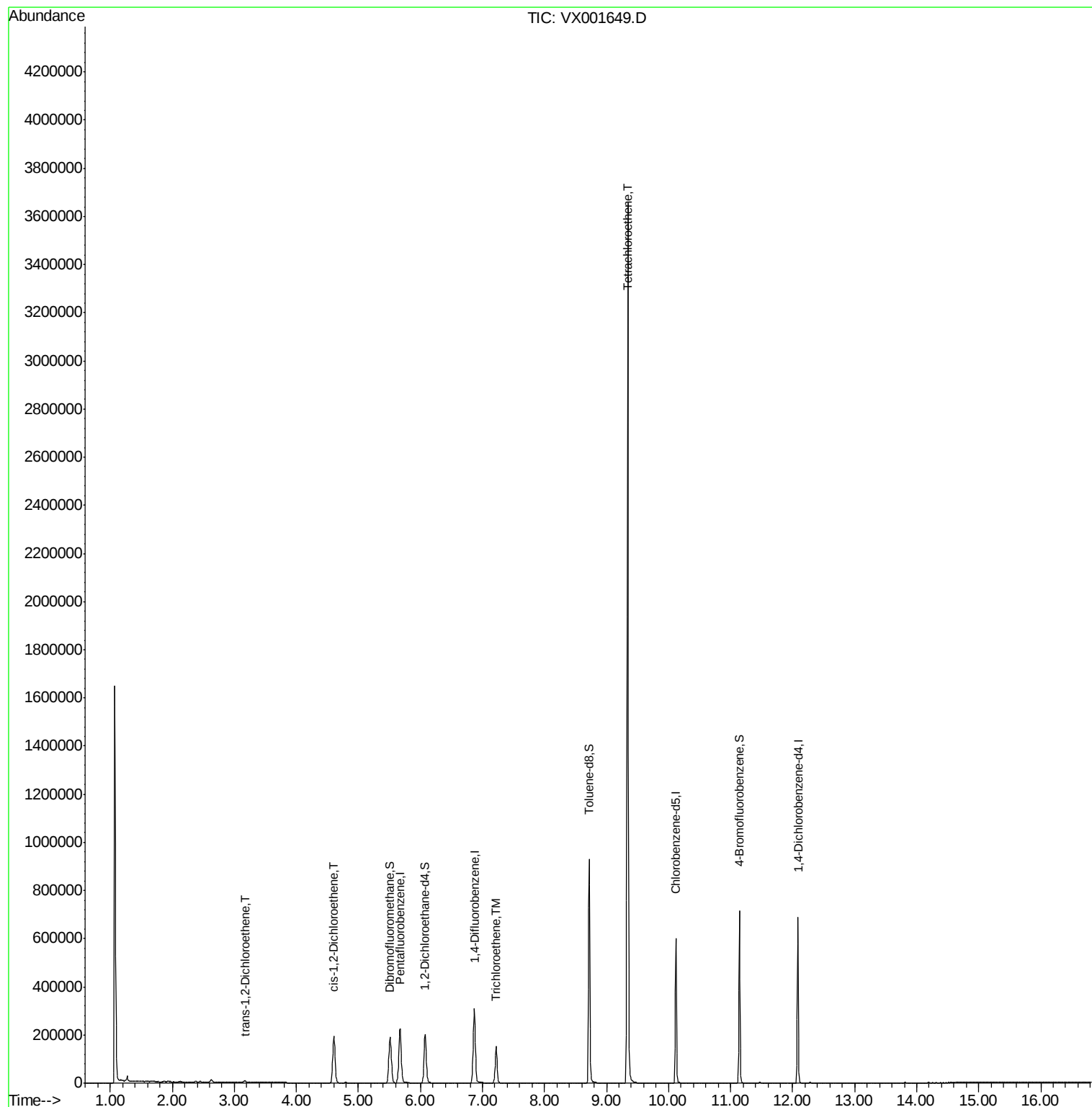
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	197107	58.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.30%	
35) Dibromofluoromethane	5.51	113	156693	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
50) Toluene-d8	8.72	98	544673	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.15	95	178064	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2840	0.98	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	124071	40.00	ug/l	86
44) Trichloroethene	7.22	130	61809	16.97	ug/l	97
64) Tetrachloroethene	9.34	164	783566	198.20	ug/l	99

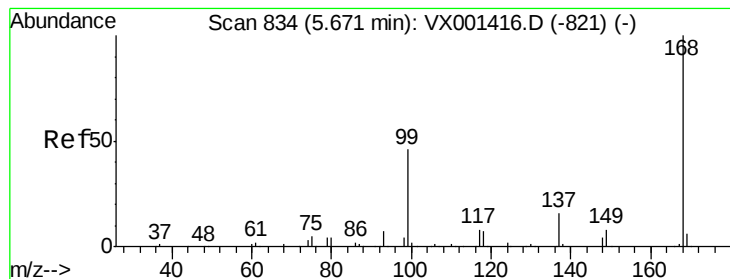
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
Data File : VX001649.D
Acq On : 11 May 2018 19:41
Operator : JC/MD
Sample : J2741-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502

Quant Time: May 12 07:14:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
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: VX001649.D

Acq: 11 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

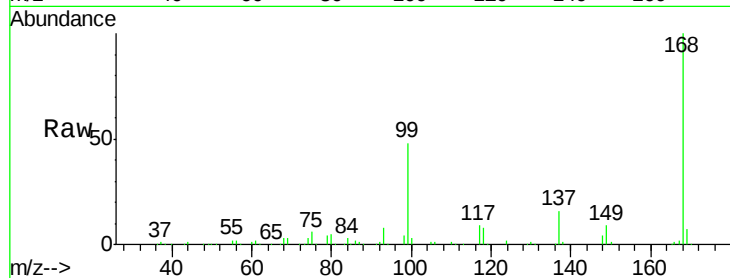
SS037MW304-180502

Tot Ion:168 Resp: 235814

Ion Ratio Lower Upper

168 100

99 47.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

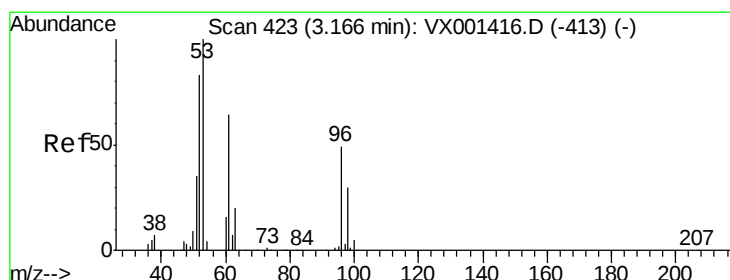
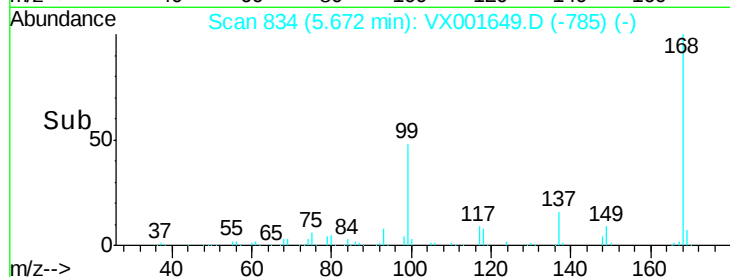
60000

40000

20000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001649.D

Acq: 11 May 2018 19:41

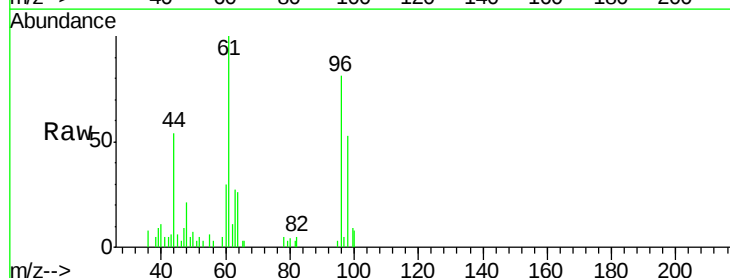
Tgt Ion: 96 Resp: 2840

Ion Ratio Lower Upper

96 100

61 123.1 105.0 157.4

98 65.3 49.9 74.9



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

3.17

2500

2000

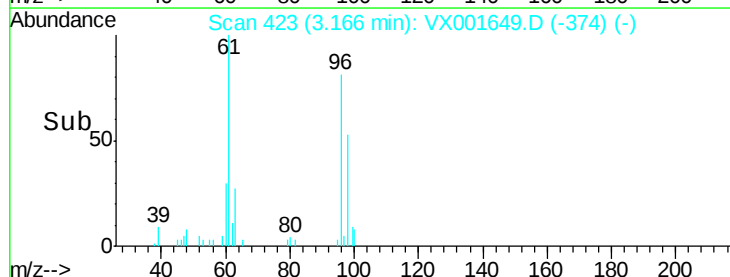
1500

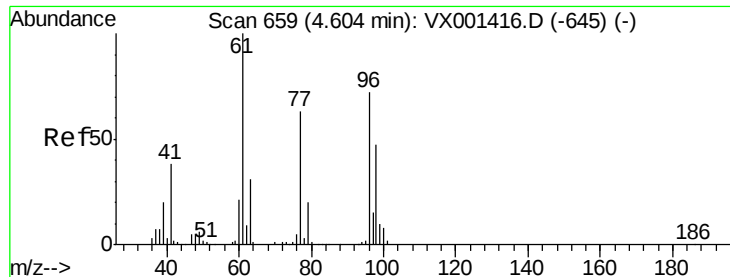
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 40.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001649.D

Acq: 11 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502

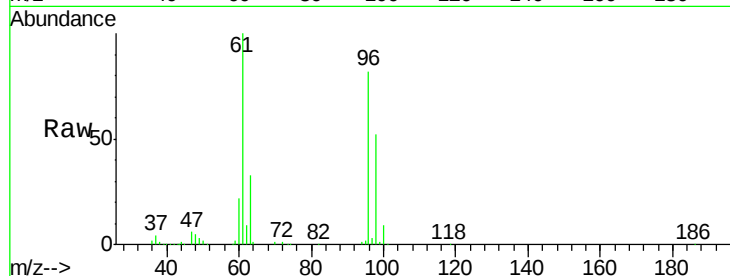
Tot Ion: 96 Resp: 124071

Ion Ratio Lower Upper

96 100

61 126.5 0.0 301.6

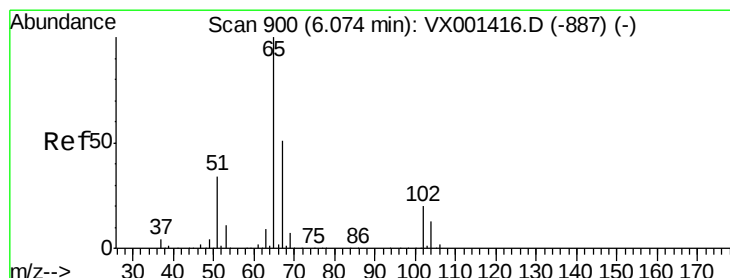
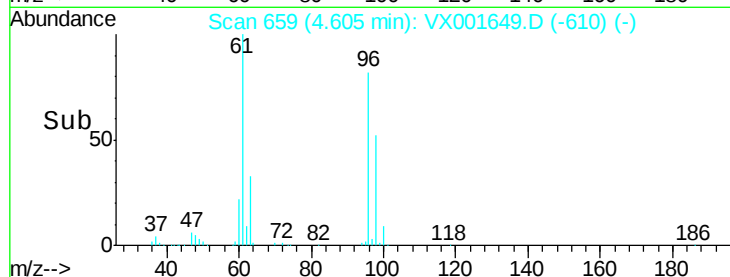
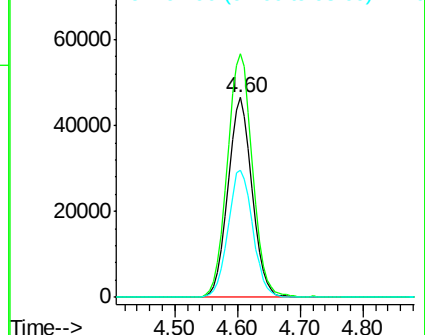
98 65.1 0.0 131.6



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: 58.15 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001649.D

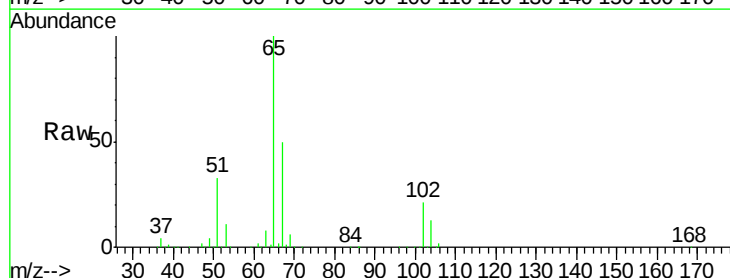
Acq: 11 May 2018 19:41

Tgt Ion: 65 Resp: 197107

Ion Ratio Lower Upper

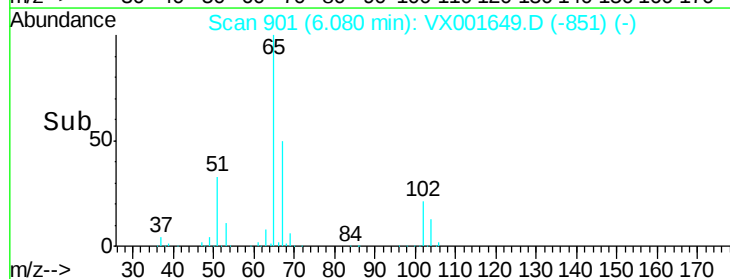
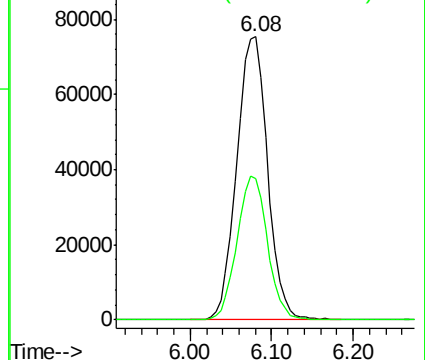
65 100

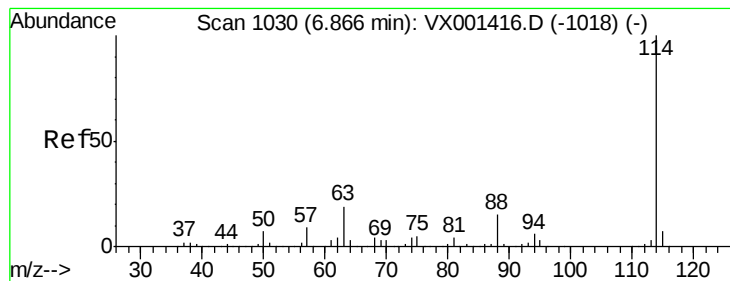
67 50.3 0.0 101.8



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: VX001649.D

Acq: 11 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502

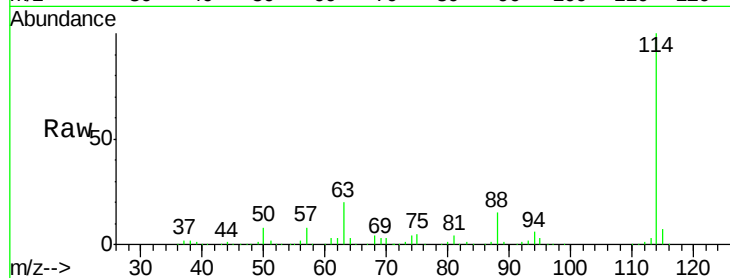
Tot Ion:114 Resp: 320714

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

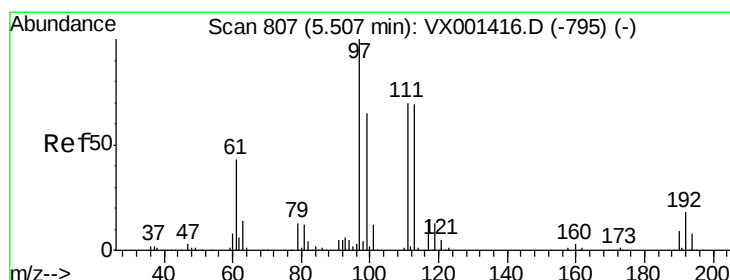
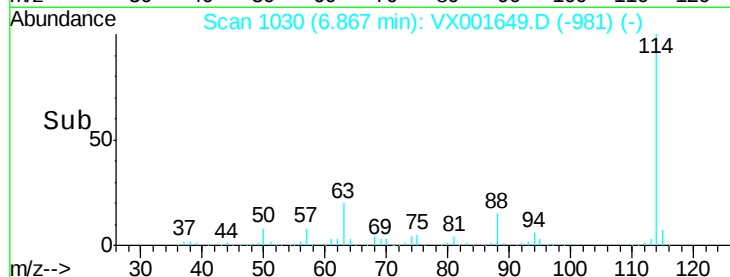
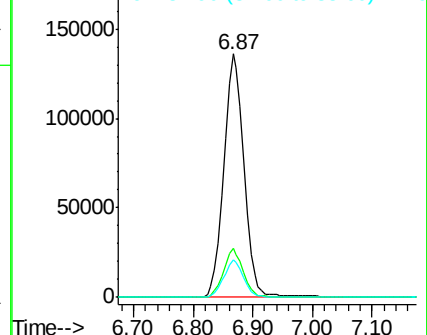
88 15.2 0.0 30.8



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: 54.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001649.D

Acq: 11 May 2018 19:41

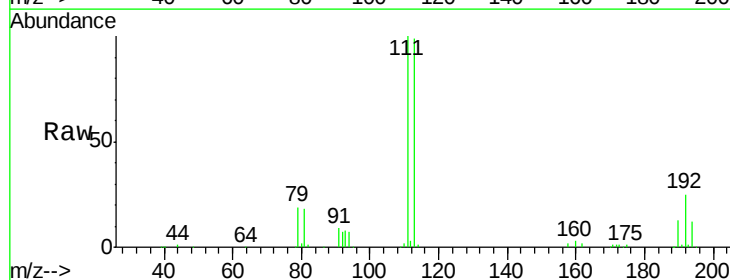
Tgt Ion:113 Resp: 156693

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

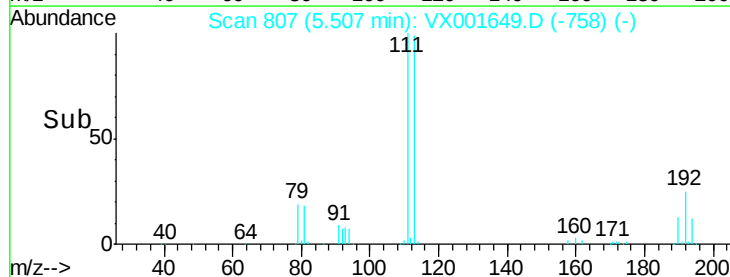
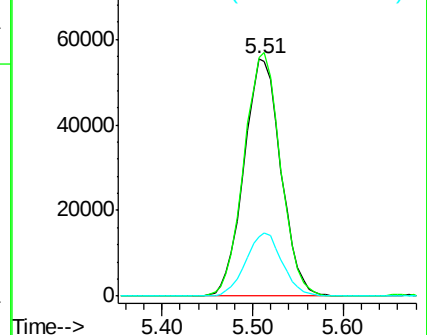
192 26.1 21.4 32.0

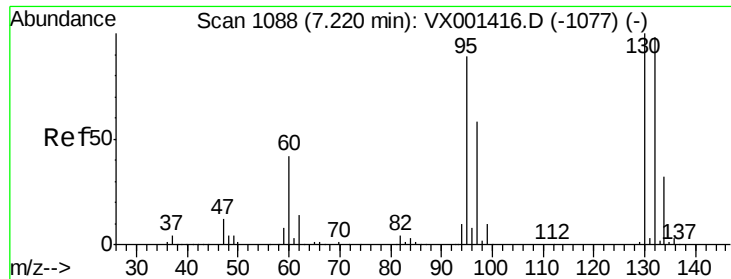


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.97 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001649.D

Acq: 11 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

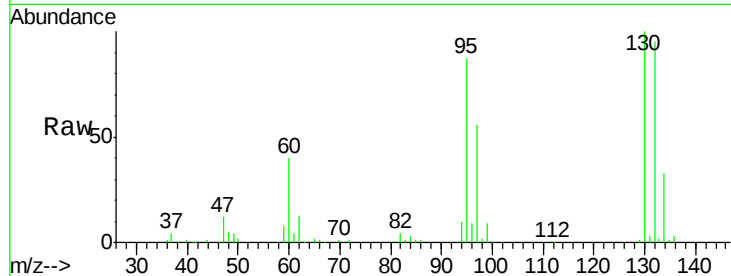
SS037MW304-180502

Tot Ion:130 Resp: 61809

Ion Ratio Lower Upper

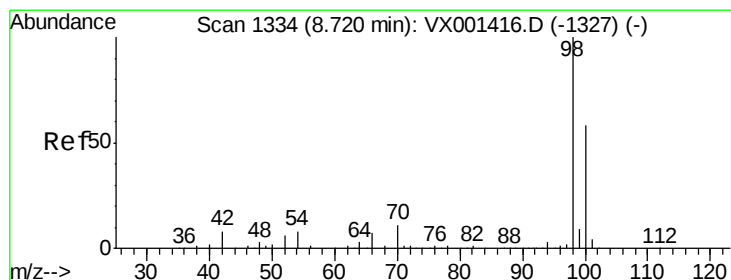
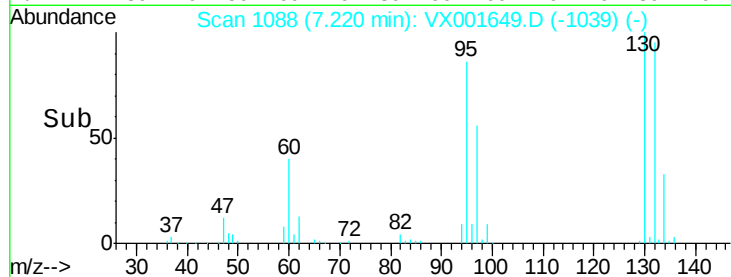
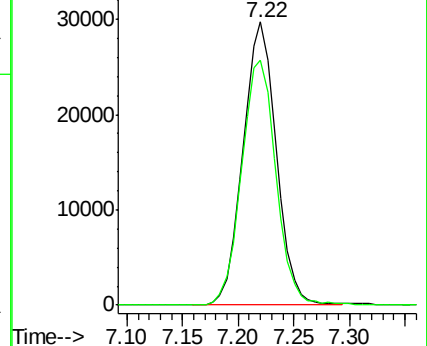
130 100

95 86.6 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001649.D

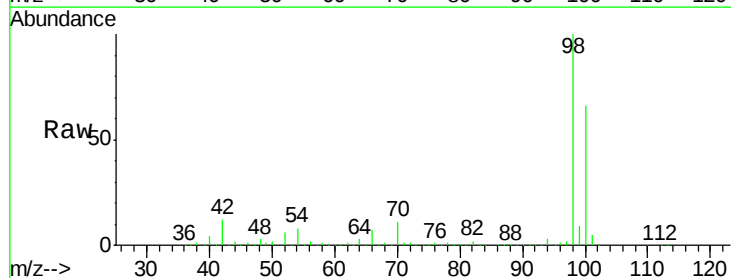
Acq: 11 May 2018 19:41

Tgt Ion: 98 Resp: 544673

Ion Ratio Lower Upper

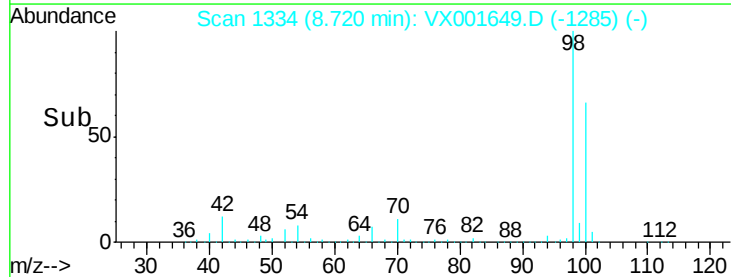
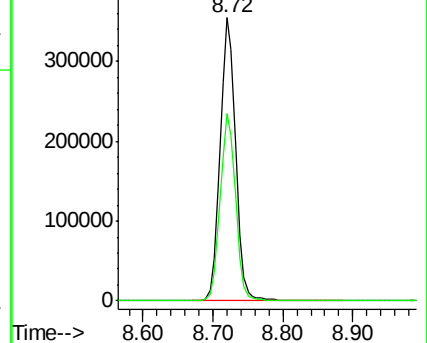
98 100

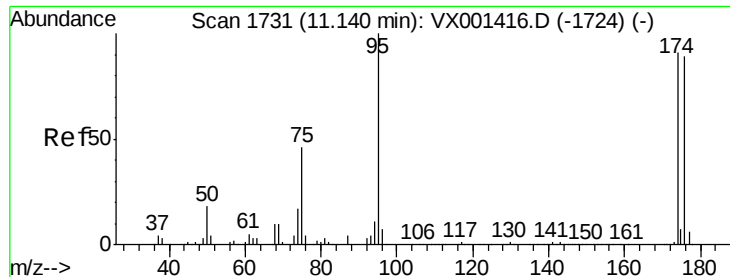
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

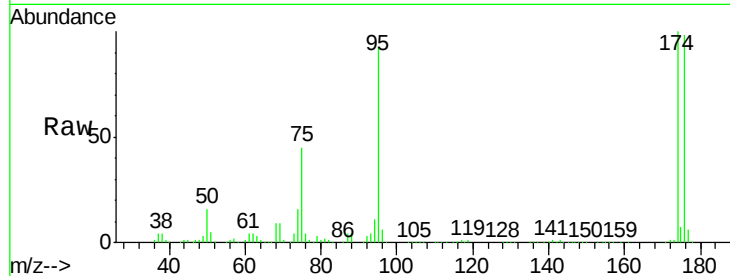




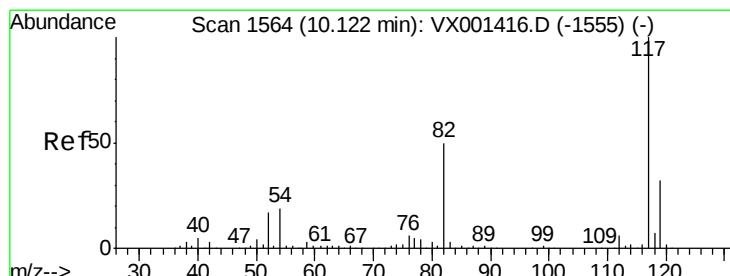
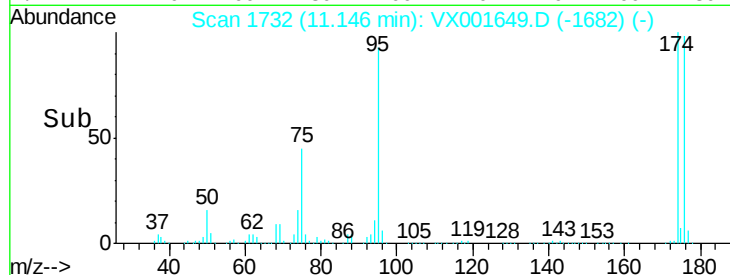
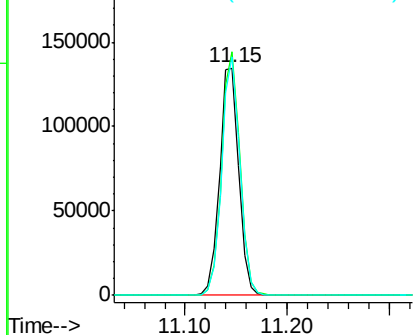
#62
4-Bromofluorobenzene
Concen: 44.55 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001649.D
Acq: 11 May 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
SS037MW304-180502

Tot Ion: 95 Resp: 178064
Ion Ratio Lower Upper
95 100
174 101.6 0.0 202.0
176 98.6 0.0 197.4

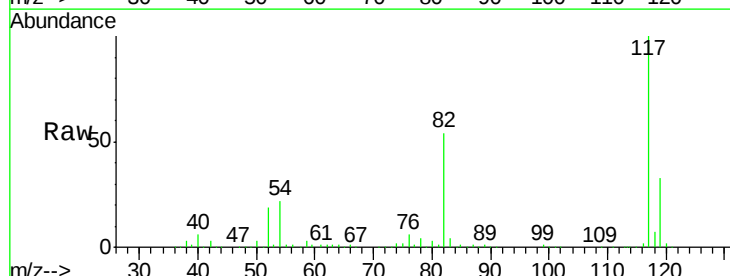


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

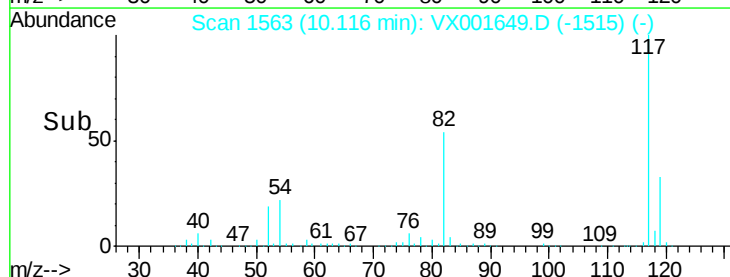
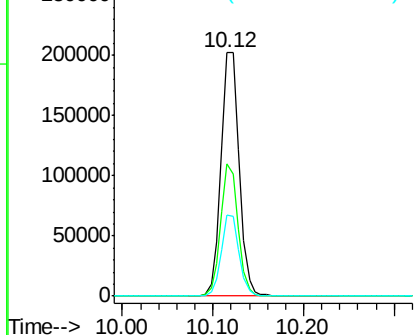


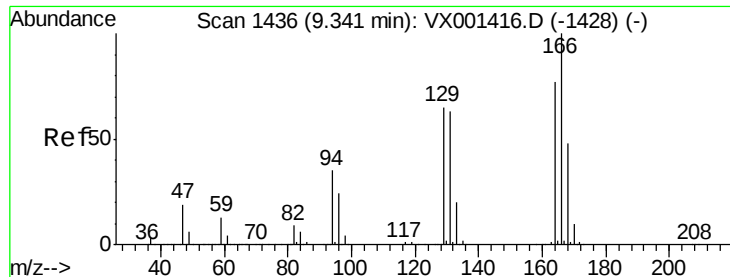
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001649.D
Acq: 11 May 2018 19:41

Tgt Ion: 117 Resp: 283636
Ion Ratio Lower Upper
117 100
82 54.2 40.0 60.0
119 33.1 25.8 38.8



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: 198.20 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001649.D

Acq: 11 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-180502

Tot Ion:164 Resp: 783566

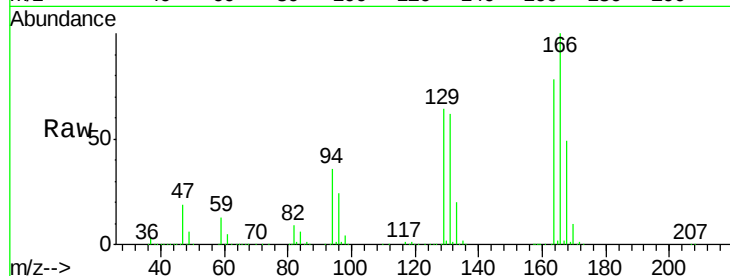
Ion Ratio Lower Upper

164 100

166 128.7 103.5 155.3

129 82.8 66.7 100.1

131 80.0 64.9 97.3

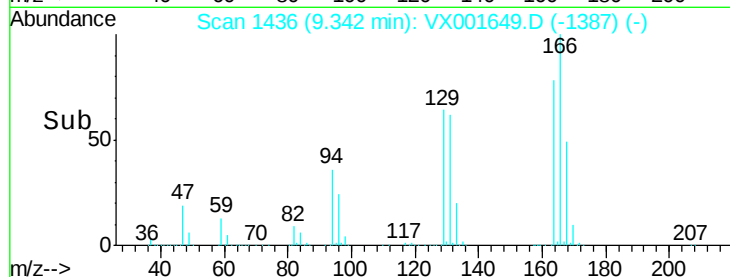


Abundance Ion 163.80 (163.50 to 164.50): V

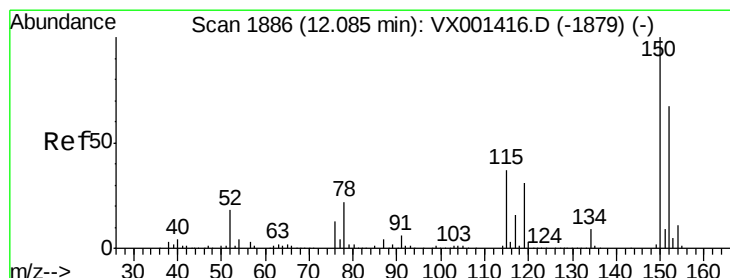
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time--> 9.20 9.30 9.40 9.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001649.D

Acq: 11 May 2018 19:41

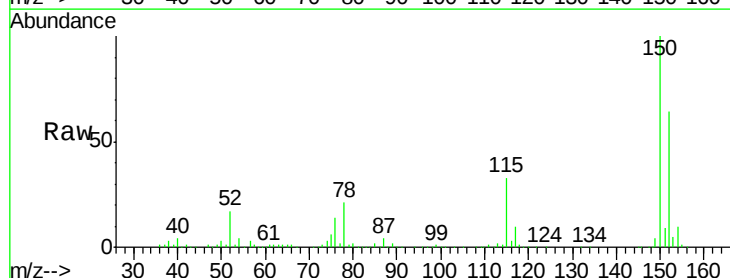
Tgt Ion:152 Resp: 149591

Ion Ratio Lower Upper

152 100

115 52.1 37.7 113.1

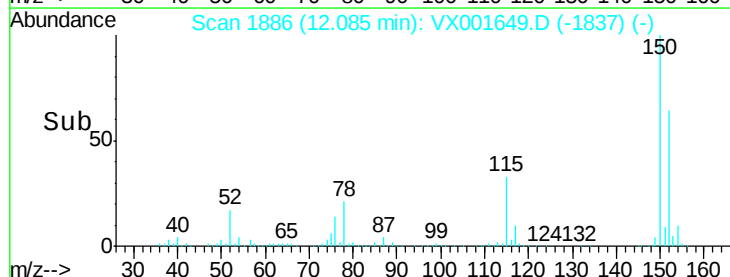
150 157.5 0.0 349.4



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



Time--> 12.00 12.10 12.20