

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001668.D
 Acq On : 12 May 2018 15:49
 Operator : JC/MD
 Sample : J2741-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-180501DL

Quant Time: May 14 07:12:43 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

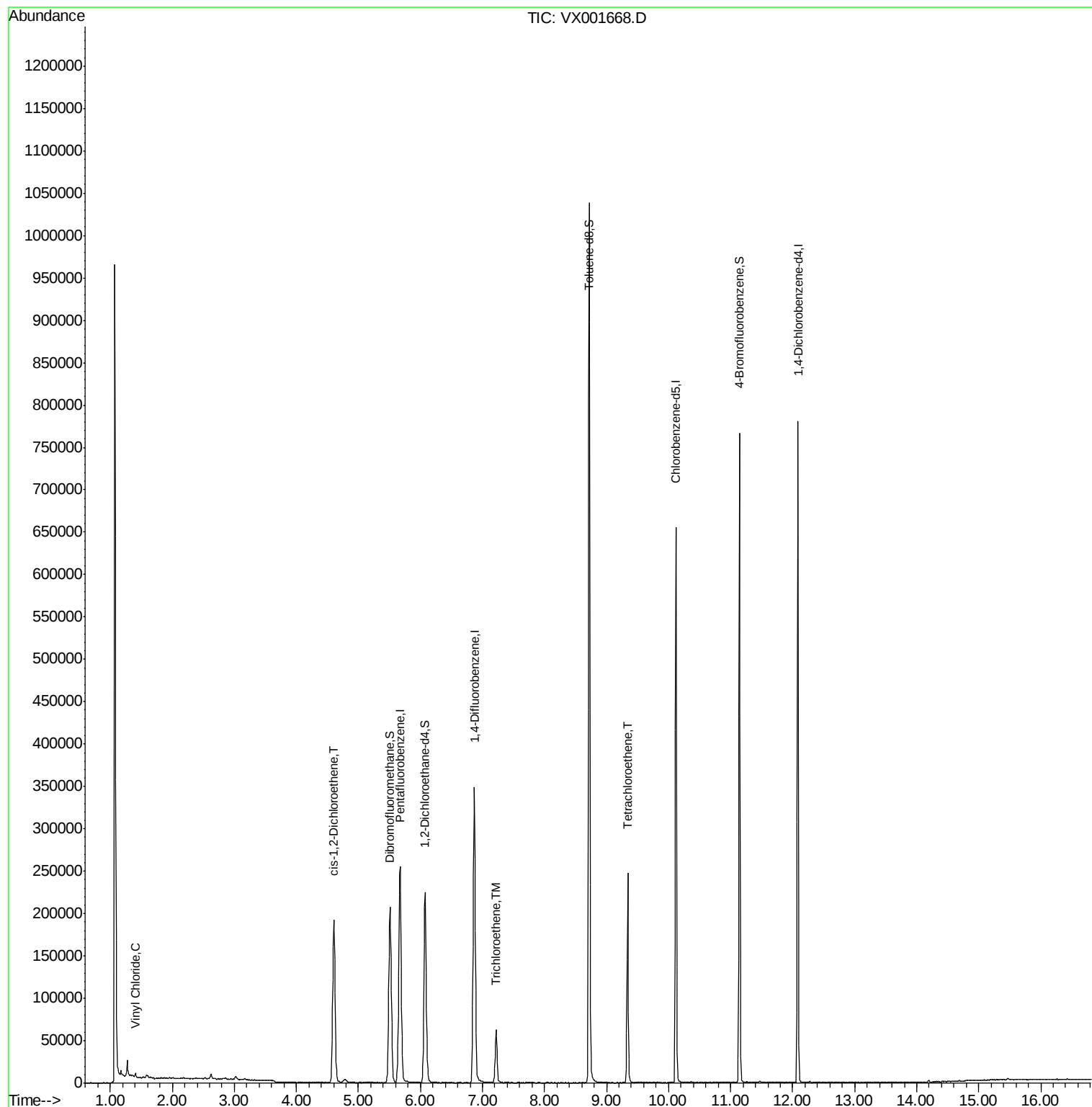
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	214242	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
35) Dibromofluoromethane	5.51	113	171822	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
50) Toluene-d8	8.72	98	598510	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	191346	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2635	0.72	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	123446	34.93	ug/l	87
44) Trichloroethene	7.22	130	24544	6.00	ug/l	98
64) Tetrachloroethene	9.34	164	53098	12.20	ug/l	99

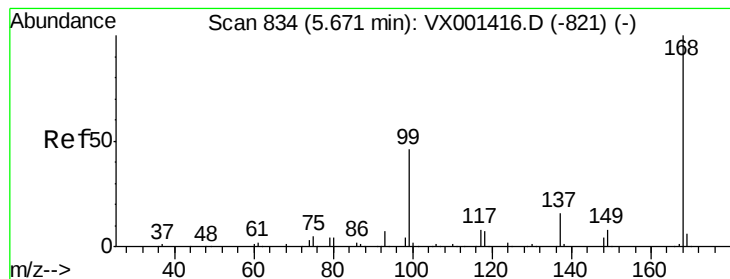
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001668.D

Acq: 12 May 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

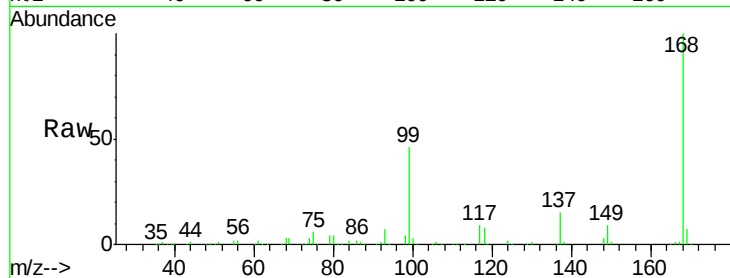
ST008MW146-180501DL

Tot Ion:168 Resp: 268716

Ion Ratio Lower Upper

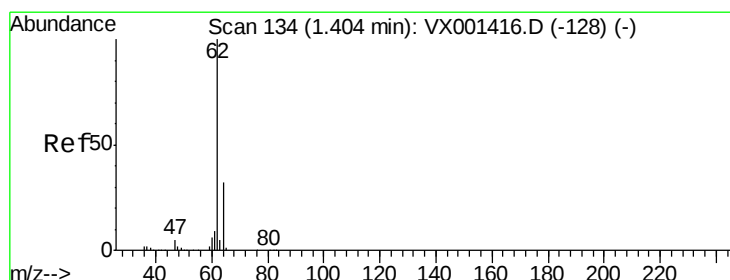
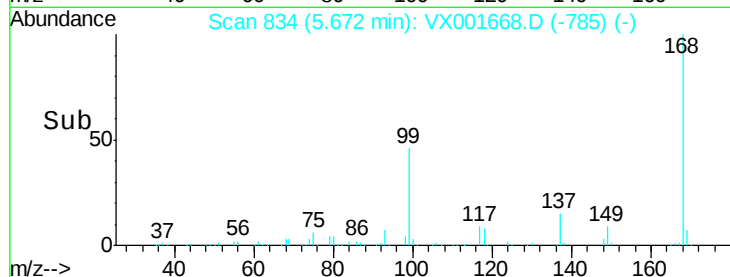
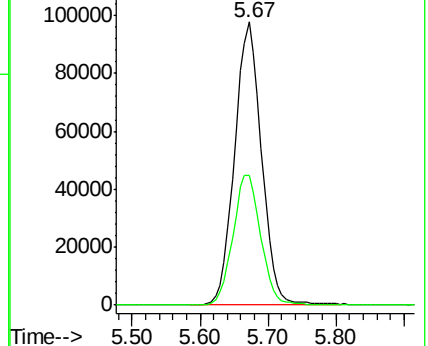
168 100

99 45.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.72 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001668.D

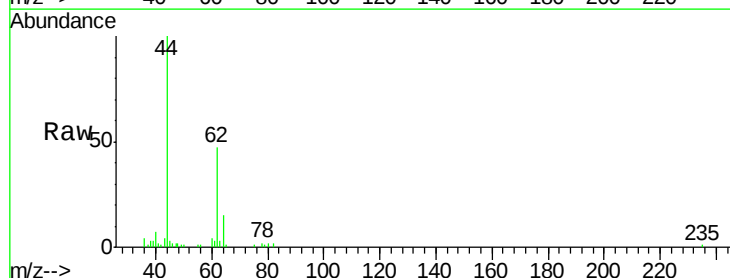
Acq: 12 May 2018 15:49

Tgt Ion: 62 Resp: 2635

Ion Ratio Lower Upper

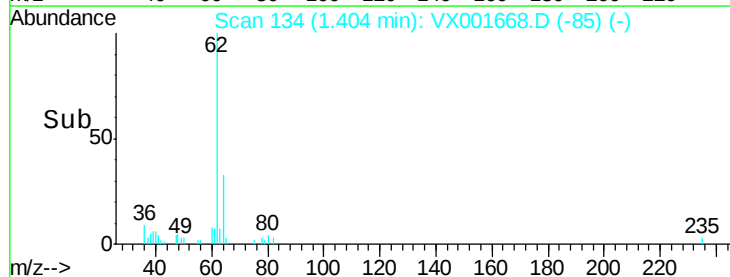
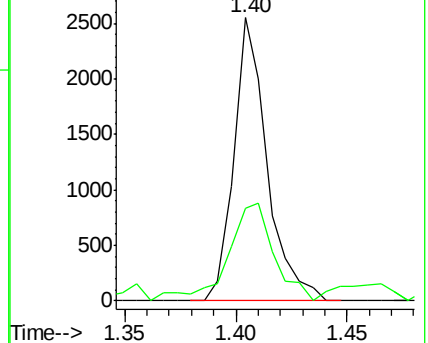
62 100

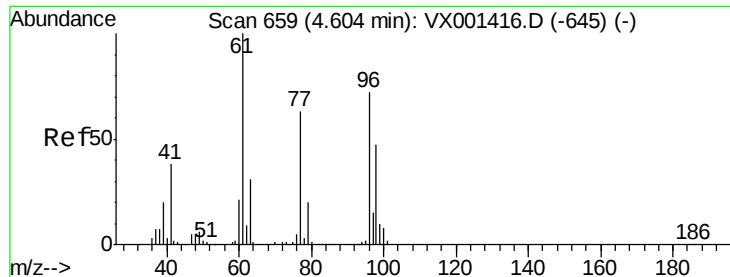
64 30.2 25.8 38.6



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: 34.93 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001668.D

Acq: 12 May 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-180501DL

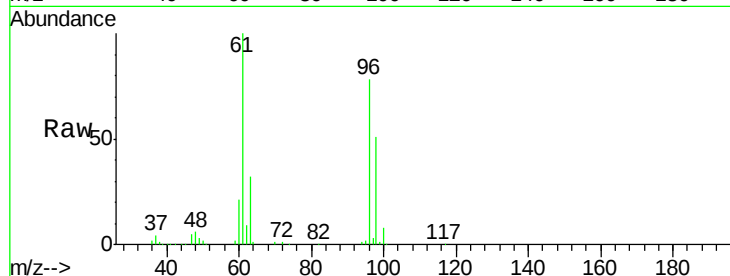
Tot Ion: 96 Resp: 123446

Ion Ratio Lower Upper

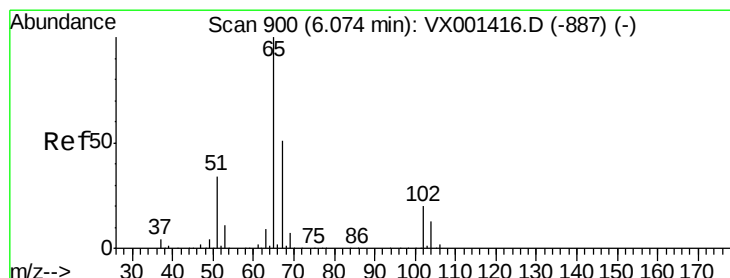
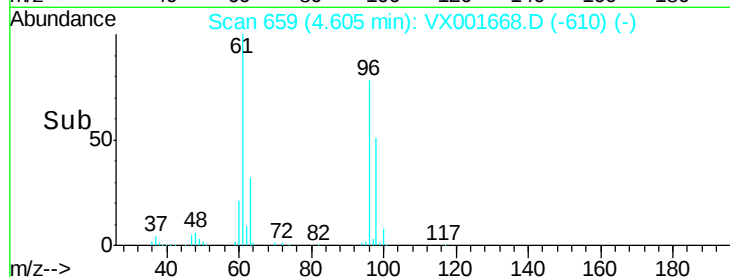
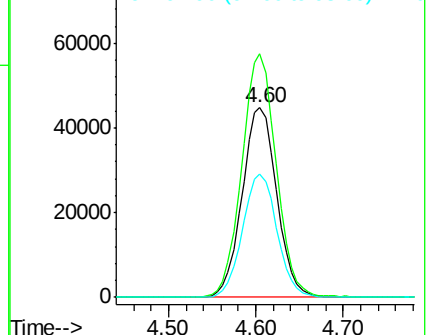
96 100

61 127.7 0.0 301.6

98 64.8 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: 55.47 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001668.D

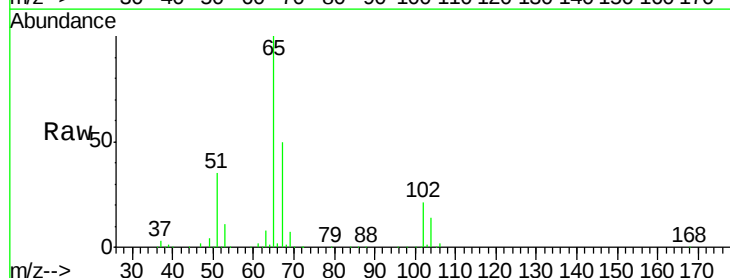
Acq: 12 May 2018 15:49

Tgt Ion: 65 Resp: 214242

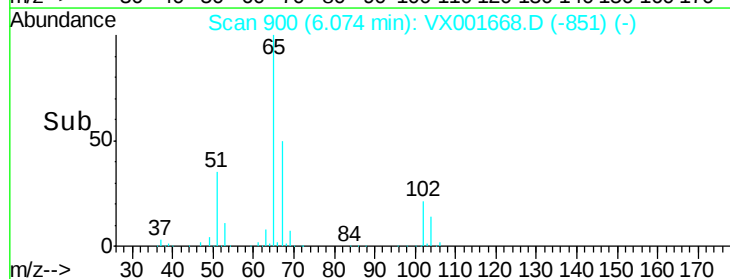
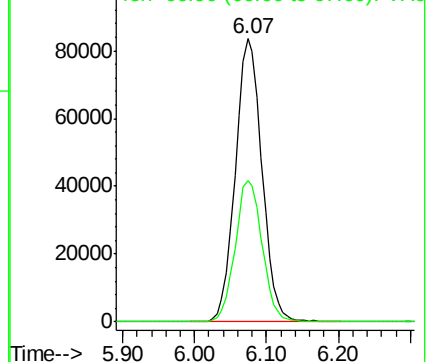
Ion Ratio Lower Upper

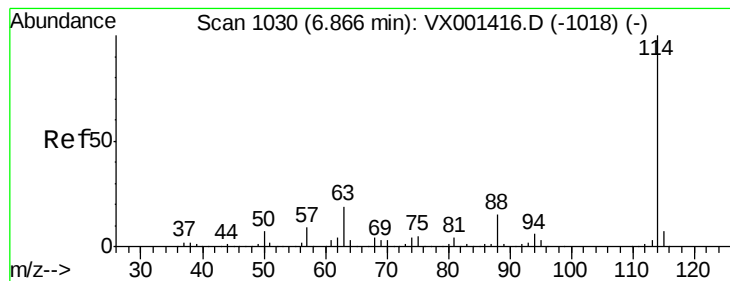
65 100

67 50.4 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: VX001668.D

Acq: 12 May 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-180501DL

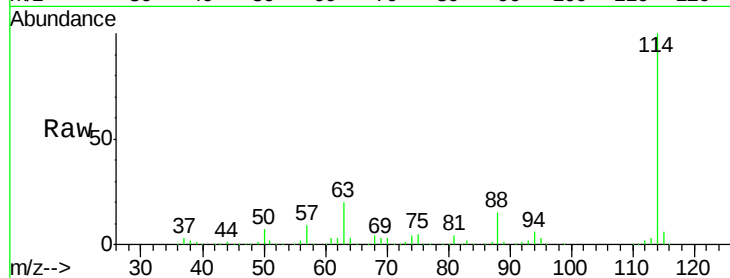
Tot Ion:114 Resp: 360080

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.1 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

200000

150000

100000

50000

0

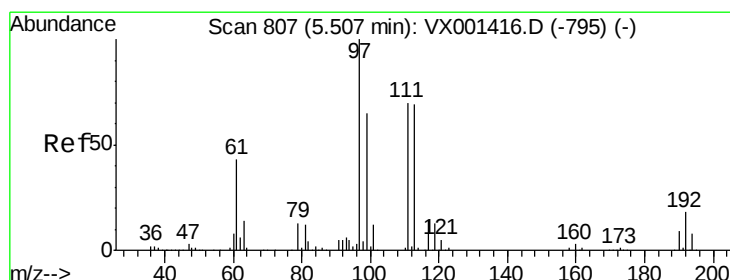
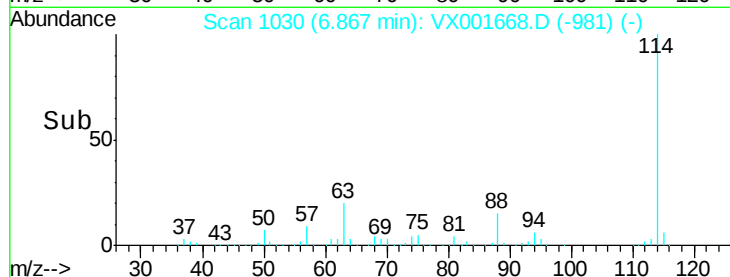
6.87

6.80

7.00

7.20

Time-->



#35

Dibromofluoromethane

Concen: 53.65 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001668.D

Acq: 12 May 2018 15:49

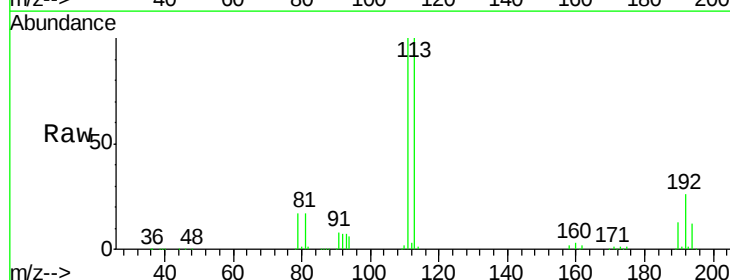
Tgt Ion:113 Resp: 171822

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 26.6 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

80000

60000

40000

20000

0

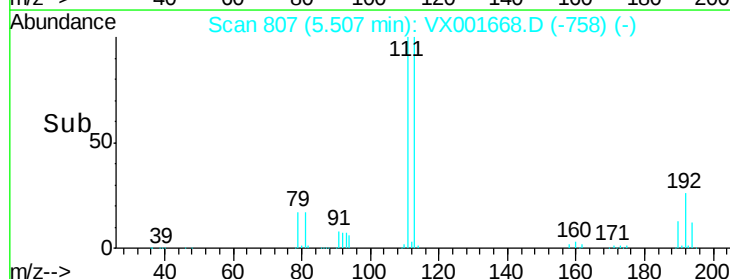
5.51

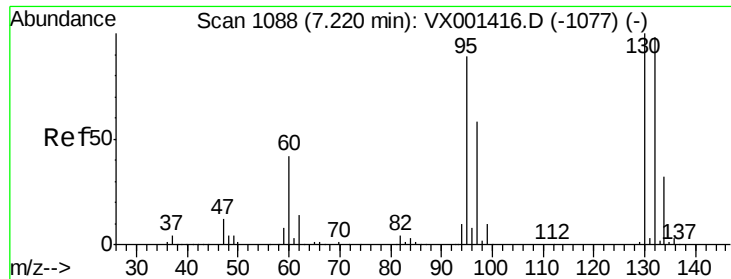
5.40

5.60

5.70

Time-->





#44

Trichloroethene

Concen: 6.00 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001668.D

Acq: 12 May 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

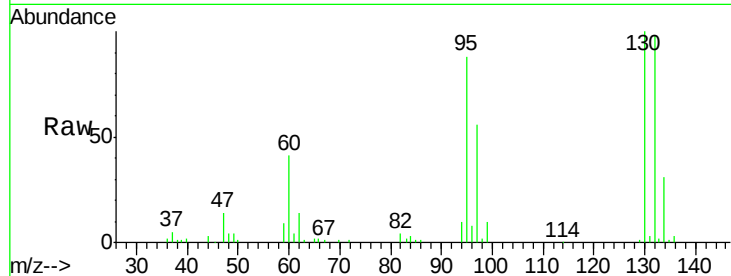
ST008MW146-180501DL

Tot Ion:130 Resp: 24544

Ion Ratio Lower Upper

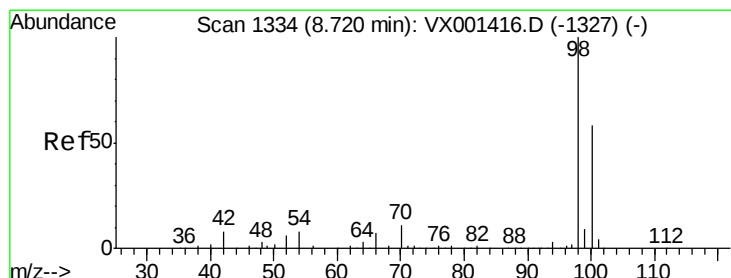
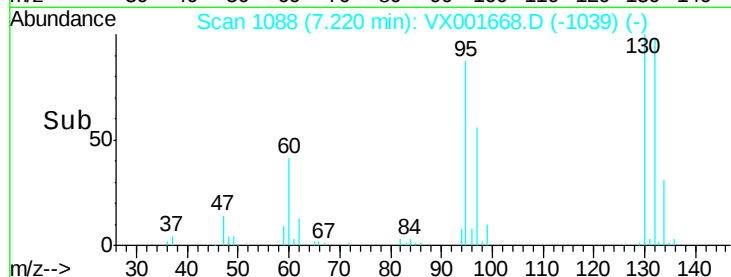
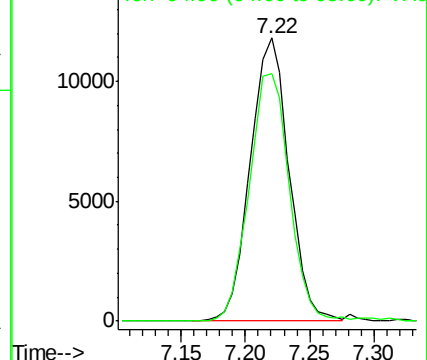
130 100

95 87.6 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: 51.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001668.D

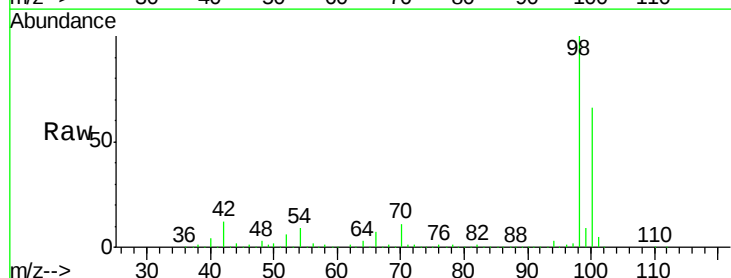
Acq: 12 May 2018 15:49

Tgt Ion: 98 Resp: 598510

Ion Ratio Lower Upper

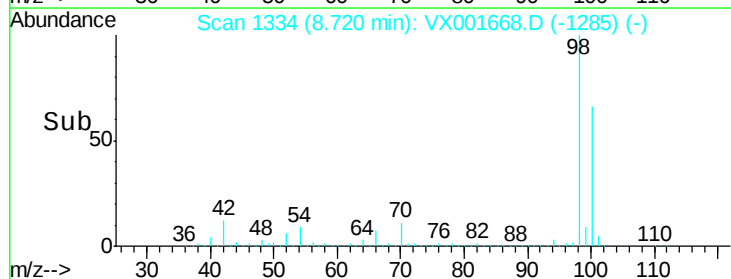
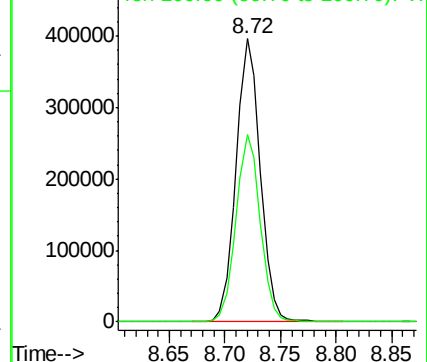
98 100

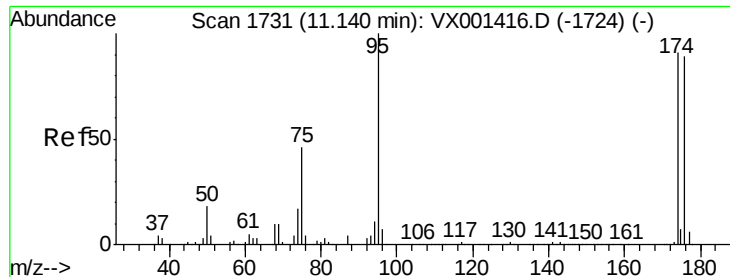
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

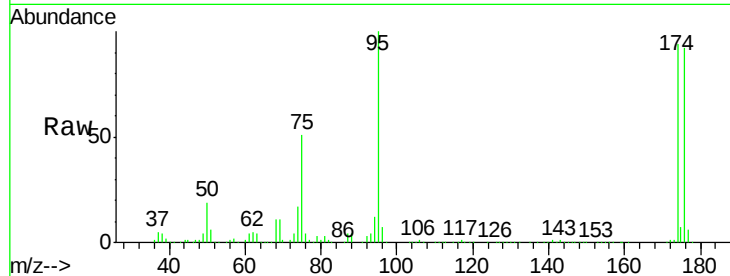




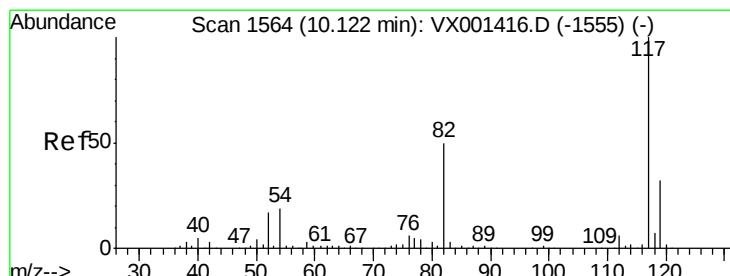
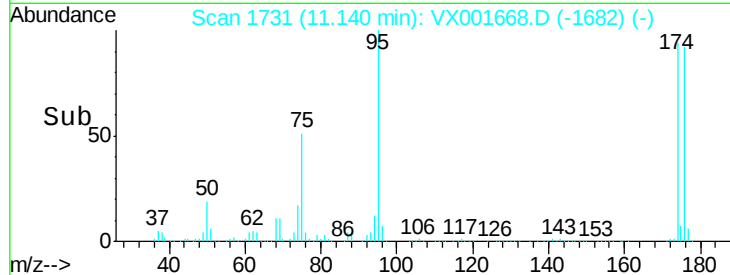
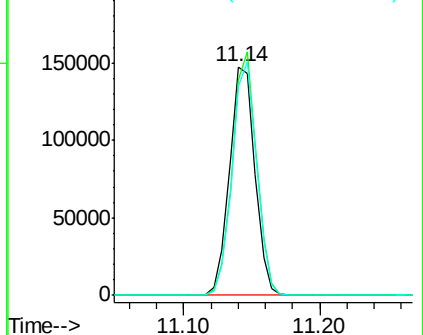
#62
4-Bromofluorobenzene
Concen: 42.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tot Ion: 95 Resp: 191346
Ion Ratio Lower Upper
95 100
174 102.1 0.0 202.0
176 98.6 0.0 197.4

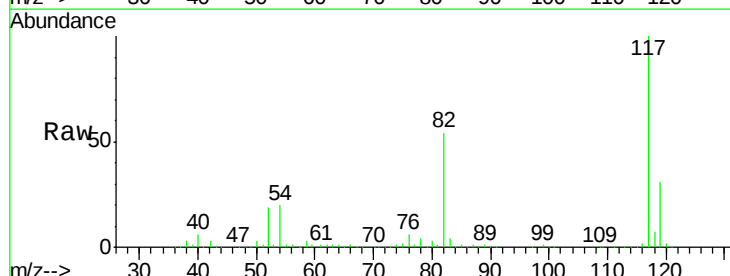


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

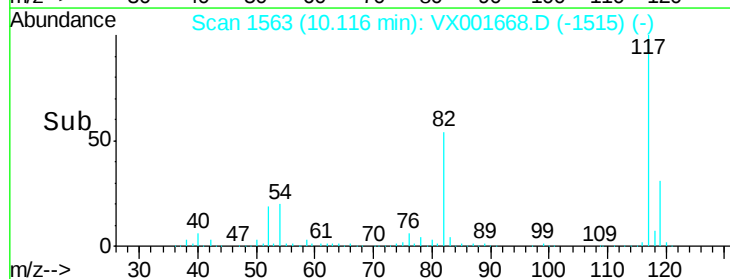
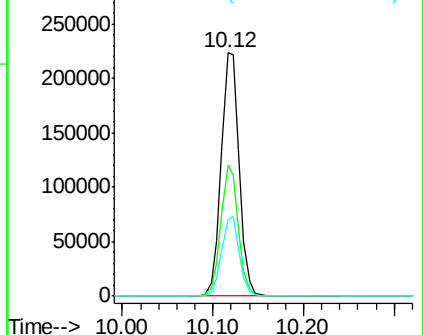


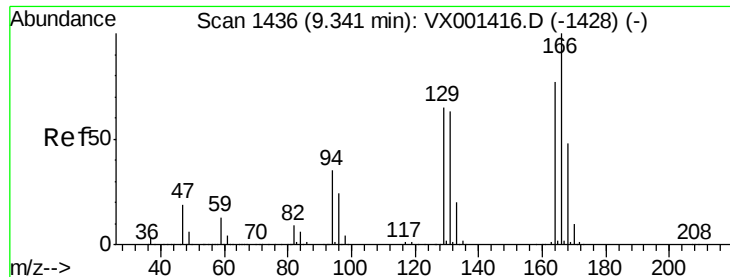
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 117 Resp: 312230
Ion Ratio Lower Upper
117 100
82 53.6 40.0 60.0
119 31.4 25.8 38.8



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

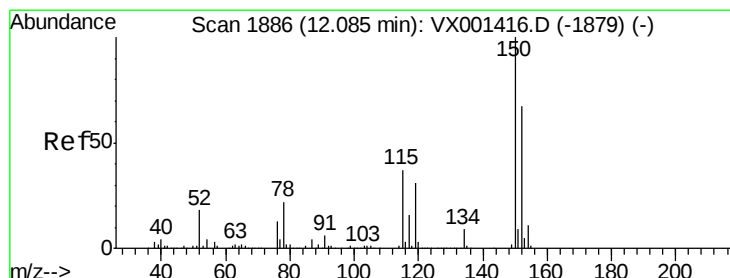
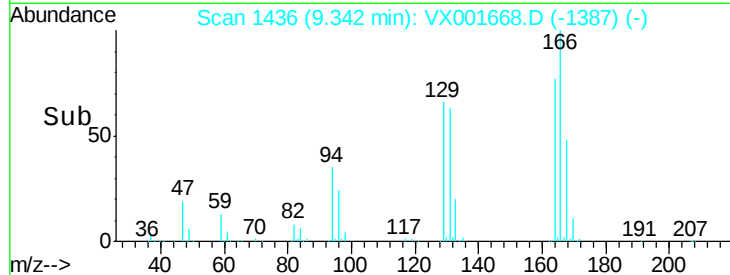
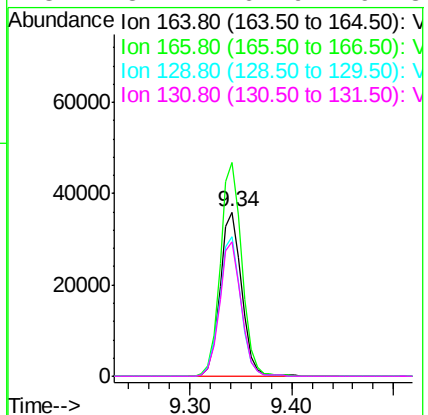
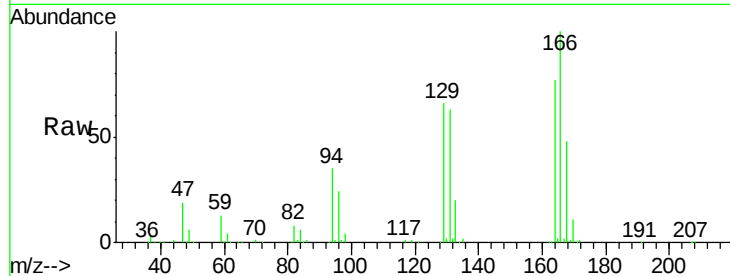




#64
Tetrachloroethene
Concen: 12.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tot Ion	164	166	129	131
Resp:	53098			
Ion Ratio	100	130.0	85.3	81.7
Lower		103.5	66.7	64.9
Upper		155.3	100.1	97.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion	152	150
Resp:	167564	
Ion Ratio	100	51.6
Lower		37.7
Upper		113.1
		155.1
		0.0
		349.4

