

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001648.D
 Acq On : 11 May 2018 19:15
 Operator : JC/MD
 Sample : J2741-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW302-180502

Quant Time: May 12 07:13:07 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	243301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	199386	57.02	ug/l	0.00
Spiked Amount			Recovery	=	114.04%	
35) Dibromofluoromethane	5.51	113	157858	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
50) Toluene-d8	8.72	98	551315	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	180781	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	

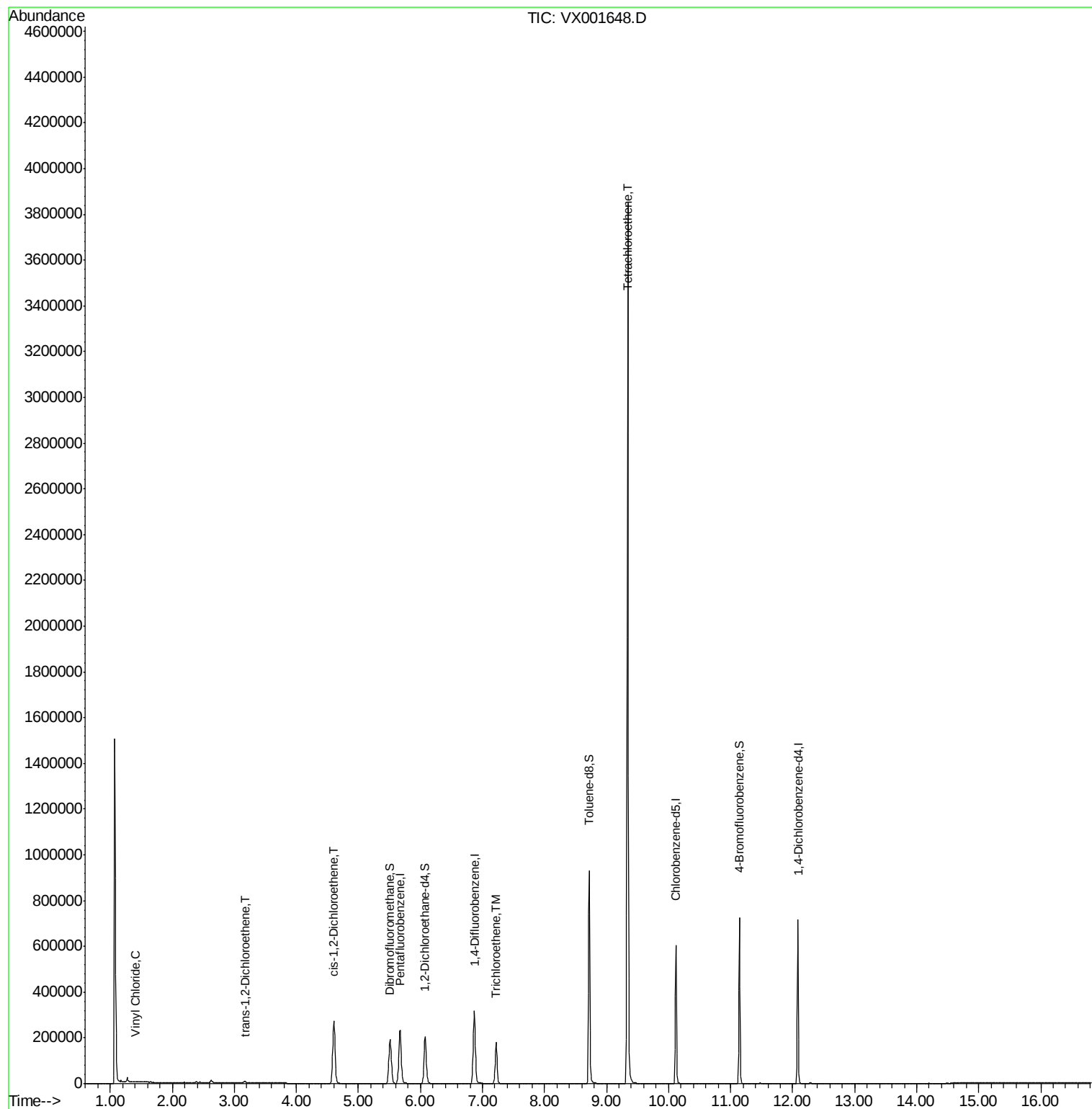
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	926	0.28	ug/l	# 75
21) trans-1,2-Dichloroethene	3.17	96	2994	1.00	ug/l	# 90
27) cis-1,2-Dichloroethene	4.60	96	175895	54.97	ug/l	86
44) Trichloroethene	7.22	130	72781	19.56	ug/l	99
64) Tetrachloroethene	9.34	164	803664	200.54	ug/l	100

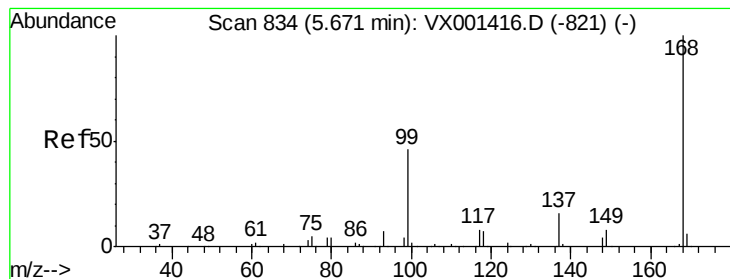
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
Data File : VX001648.D
Acq On : 11 May 2018 19:15
Operator : JC/MD
Sample : J2741-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW302-180502

Quant Time: May 12 07:13:07 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: VX001648.D

Acq: 11 May 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

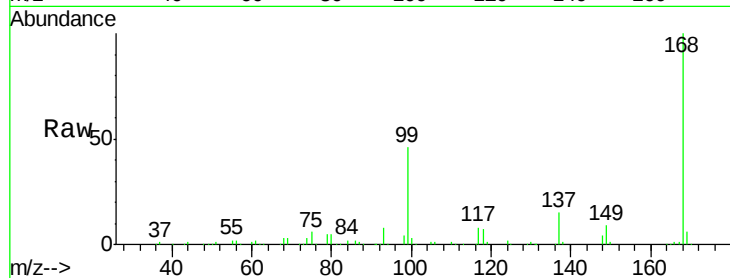
SS037MW302-180502

Tot Ion:168 Resp: 243301

Ion Ratio Lower Upper

168 100

99 46.0 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

100000

80000

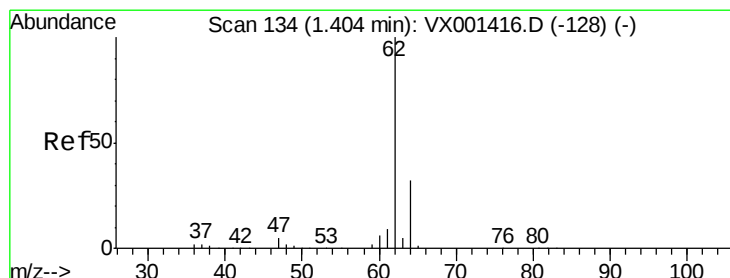
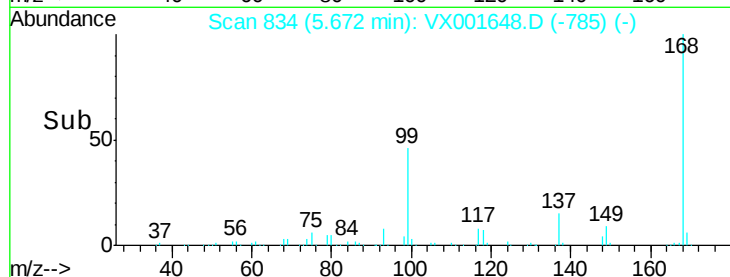
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001648.D

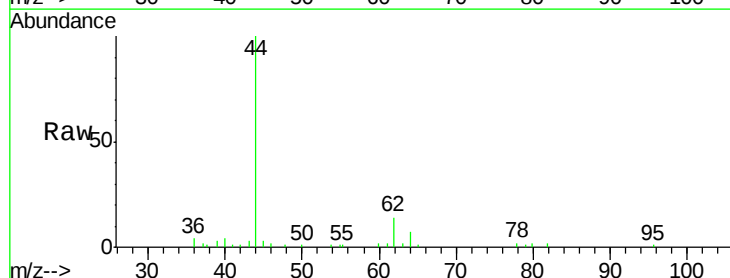
Acq: 11 May 2018 19:15

Tgt Ion: 62 Resp: 926

Ion Ratio Lower Upper

62 100

64 46.2 25.8 38.6#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1000

800

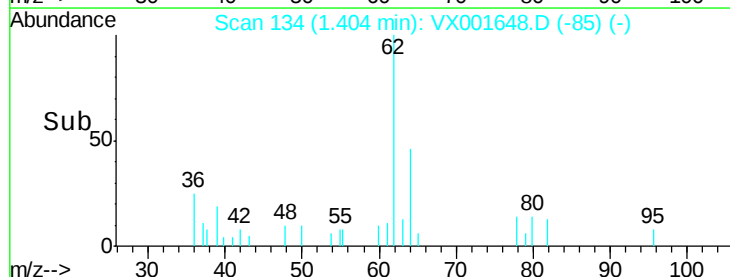
600

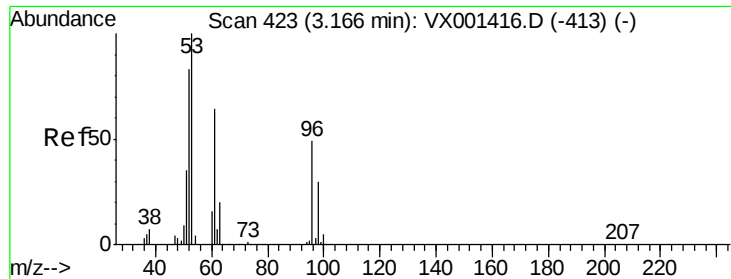
400

200

0

Time--> 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 1.00 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001648.D

Acq: 11 May 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-180502

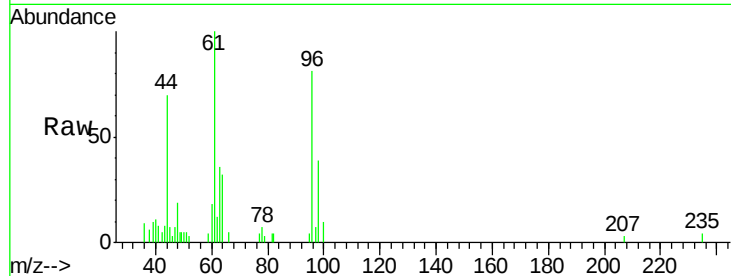
Tot Ion: 96 Resp: 2994

Ion Ratio Lower Upper

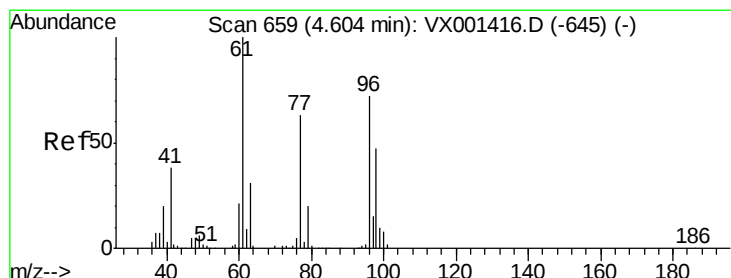
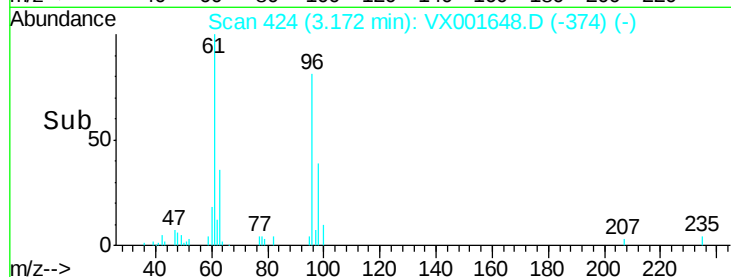
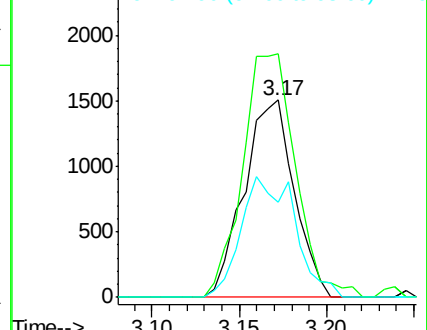
96 100

61 123.5 105.0 157.4

98 48.5 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



#27

cis-1,2-Dichloroethene

Concen: 54.97 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001648.D

Acq: 11 May 2018 19:15

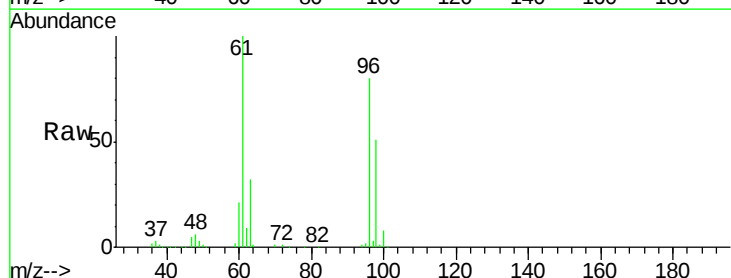
Tgt Ion: 96 Resp: 175895

Ion Ratio Lower Upper

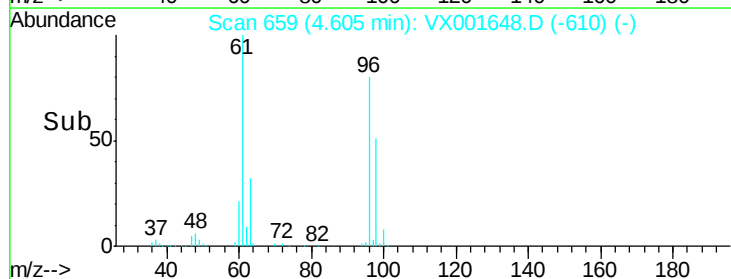
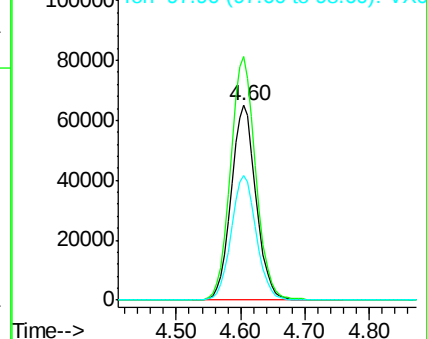
96 100

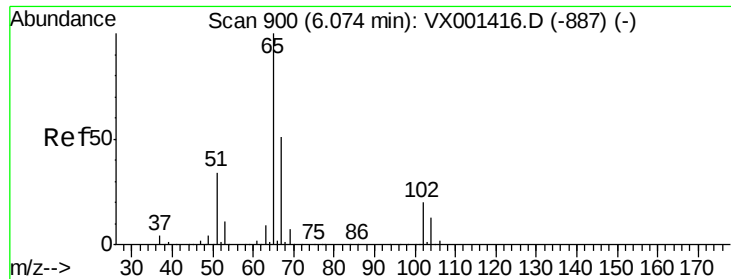
61 126.7 0.0 301.6

98 64.6 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: 57.02 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001648.D

Acq: 11 May 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

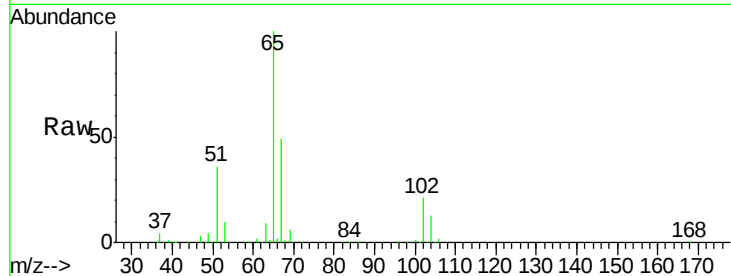
SS037MW302-180502

Tot Ion: 65 Resp: 199386

Ion Ratio Lower Upper

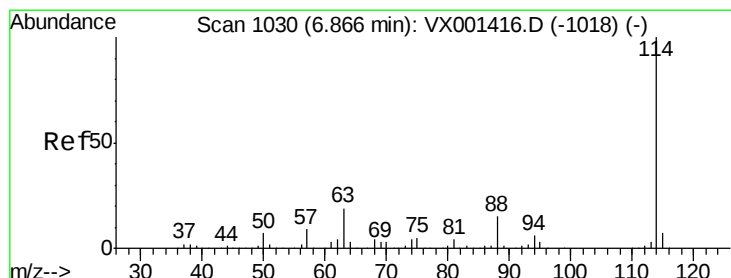
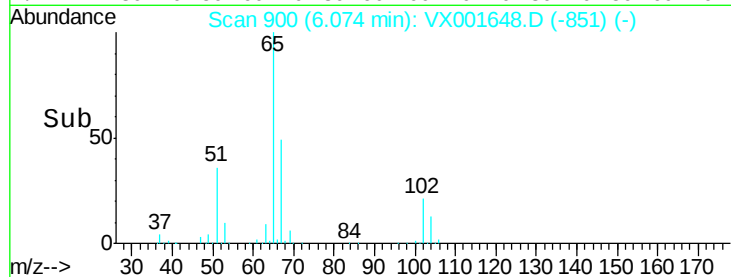
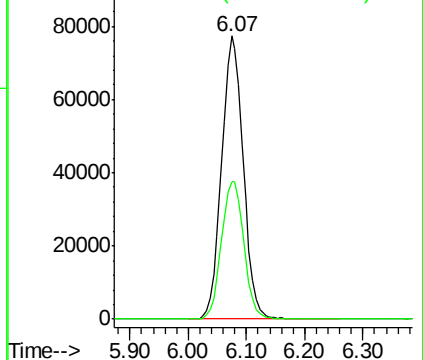
65 100

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: VX001648.D

Acq: 11 May 2018 19:15

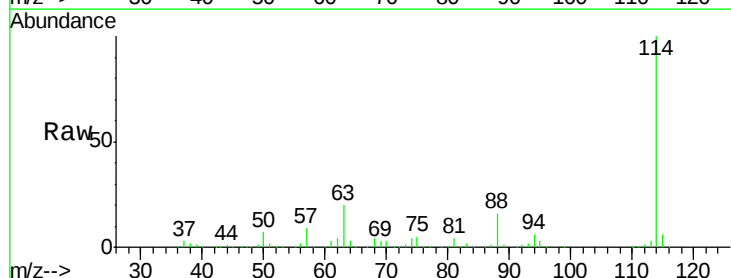
Tgt Ion: 114 Resp: 327722

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

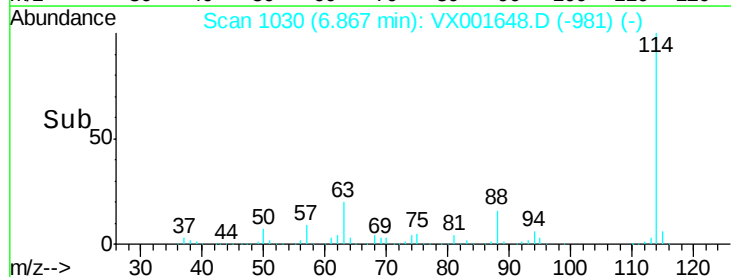
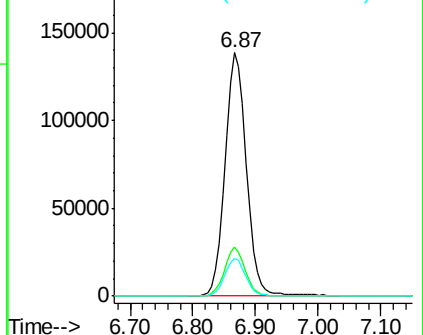
88 15.6 0.0 30.8

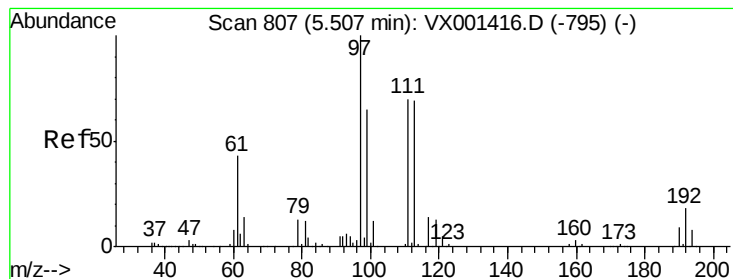


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001648.D

Acq: 11 May 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-180502

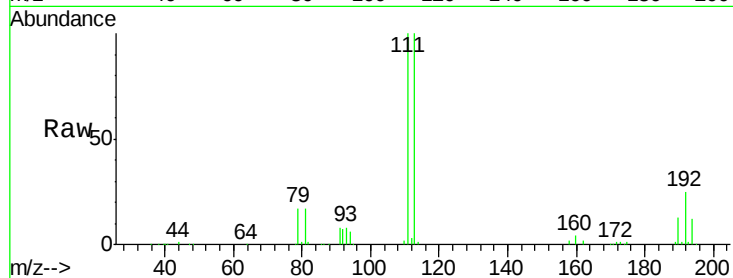
Tot Ion:113 Resp: 157858

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

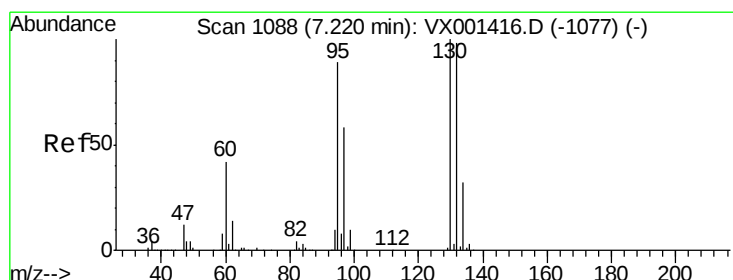
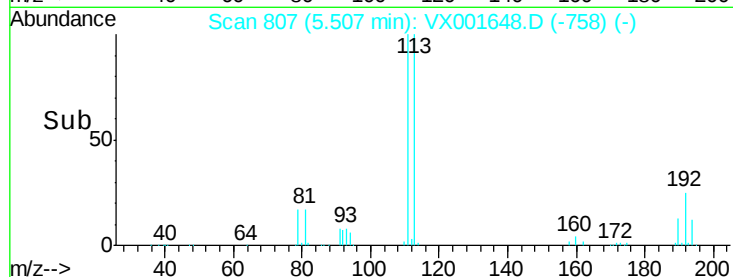
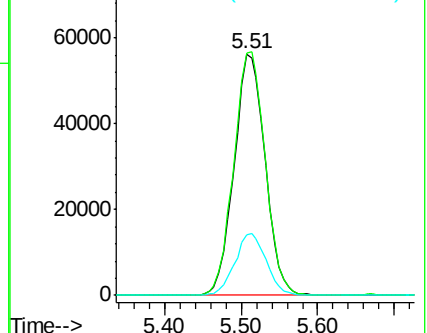
192 25.8 21.4 32.0



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: 19.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001648.D

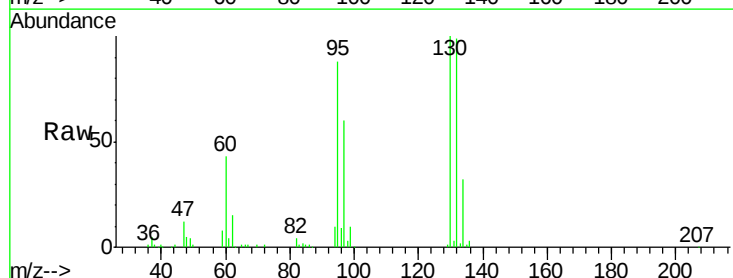
Acq: 11 May 2018 19:15

Tgt Ion:130 Resp: 72781

Ion Ratio Lower Upper

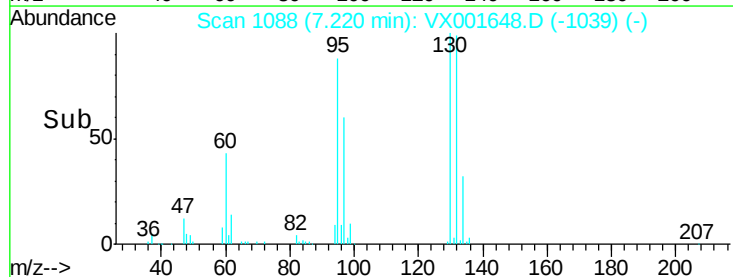
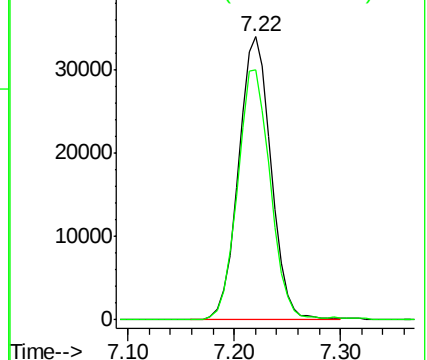
130 100

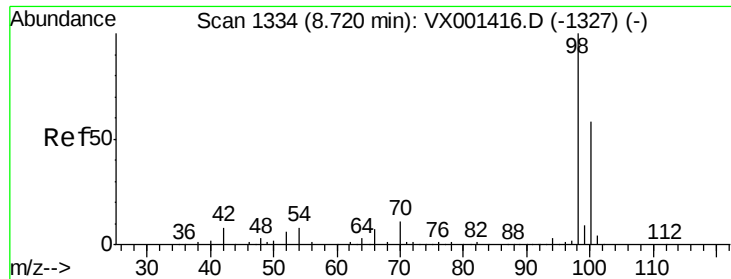
95 88.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.81 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001648.D

Acq: 11 May 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

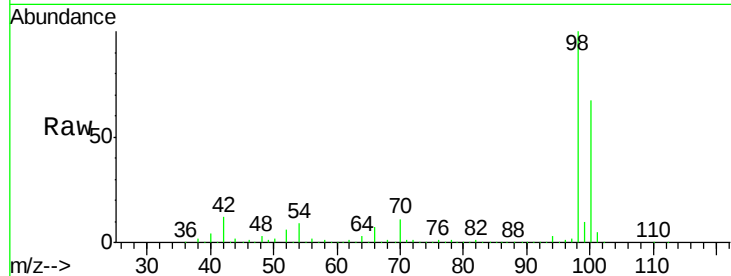
SS037MW302-180502

Tot Ion: 98 Resp: 551315

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): VX

8.72

400000

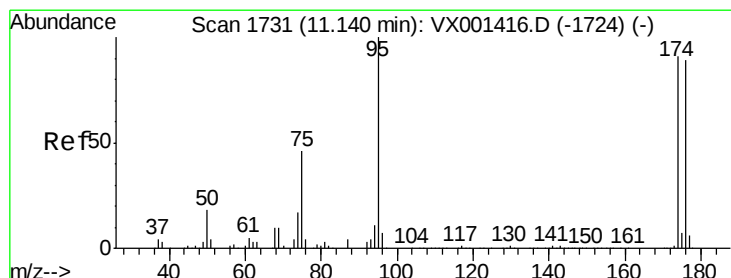
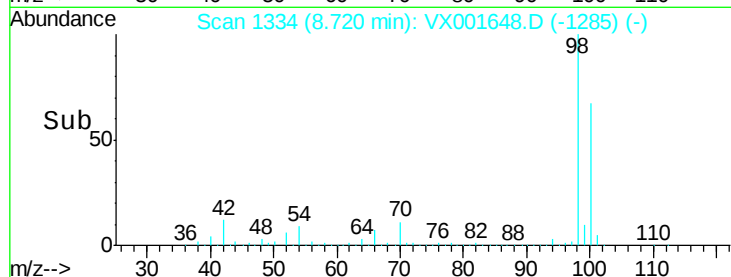
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001648.D

Acq: 11 May 2018 19:15

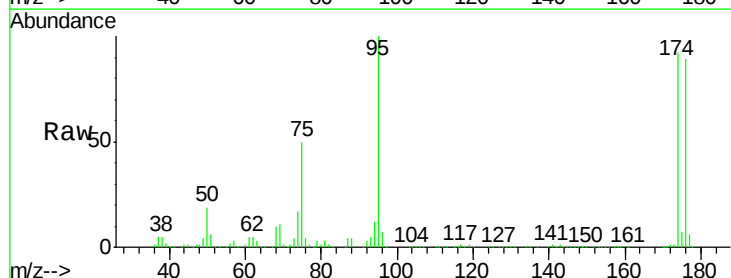
Tgt Ion: 95 Resp: 180781

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

176 99.0 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

200000

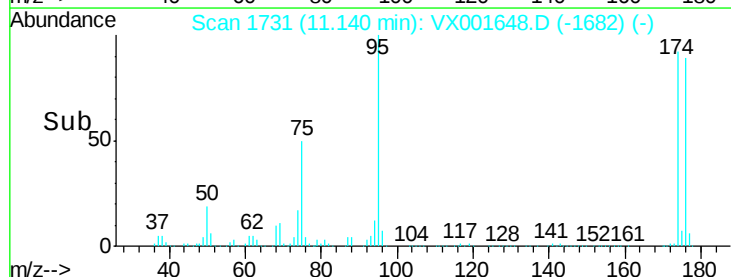
150000

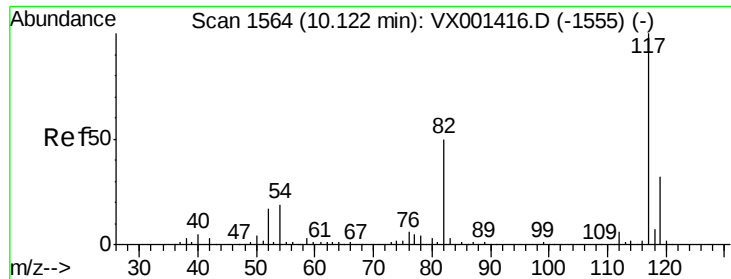
100000

50000

0

Time-->

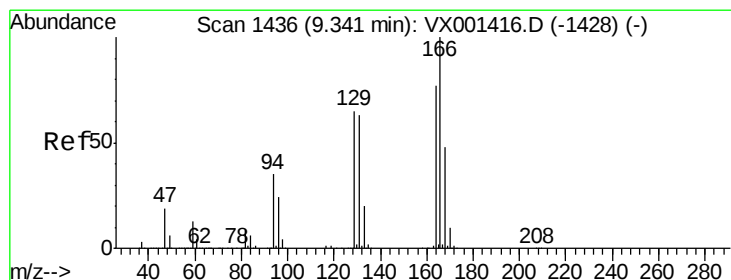
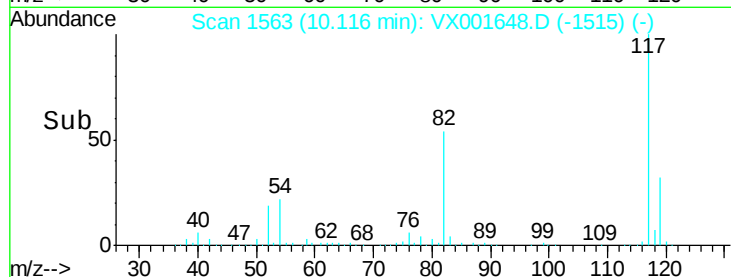
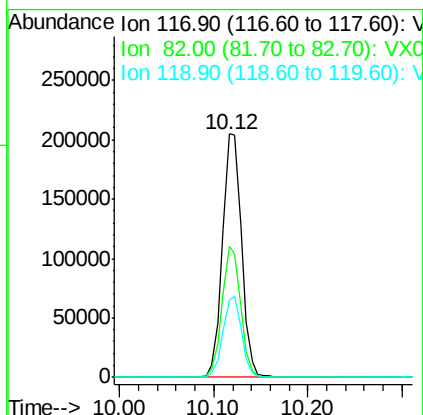
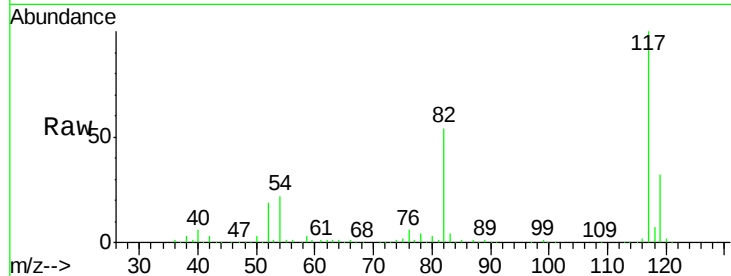




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001648.D
Acq: 11 May 2018 19:15

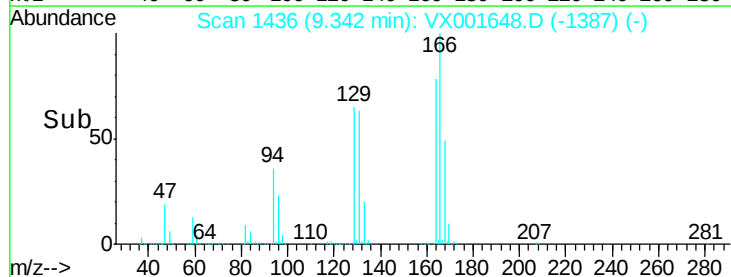
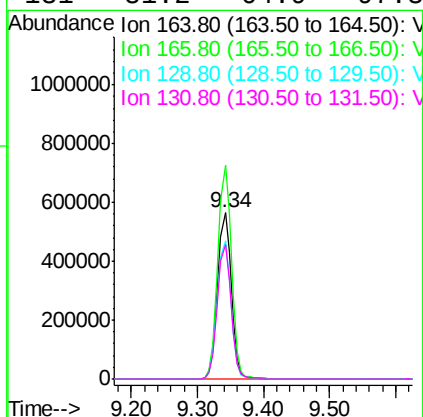
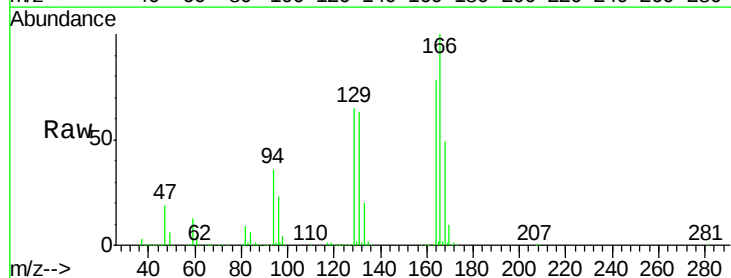
Instrument :
MSVOA_X
ClientSampleId :
SS037MW302-180502

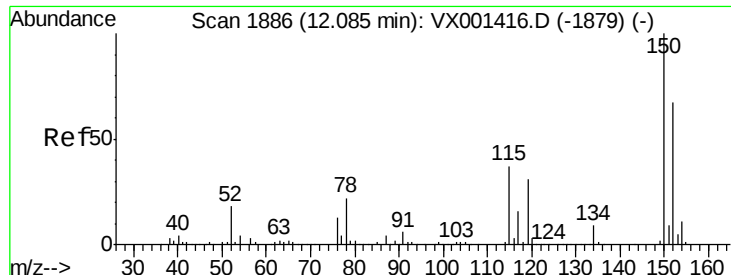
Tot Ion:117 Resp: 287506
Ion Ratio Lower Upper
117 100
82 53.7 40.0 60.0
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 200.54 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001648.D
Acq: 11 May 2018 19:15

Tgt Ion:164 Resp: 803664
Ion Ratio Lower Upper
164 100
166 128.8 103.5 155.3
129 83.2 66.7 100.1
131 81.2 64.9 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: VX001648.D

Acq: 11 May 2018 19:15

Instrument :

MSVOA_X

ClientSampleId :

SS037MW302-180502

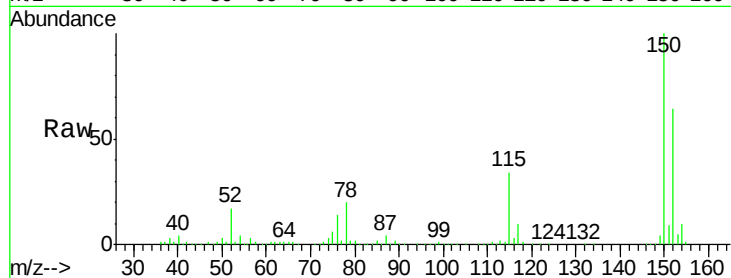
Tot Ion:152 Resp: 153615

Ion Ratio Lower Upper

152 100

115 53.3 37.7 113.1

150 156.4 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

