

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002024.D
 Acq On : 26 May 2018 17:39
 Operator : JC/MD
 Sample : J3118-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW727-180521

Quant Time: May 28 02:00:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

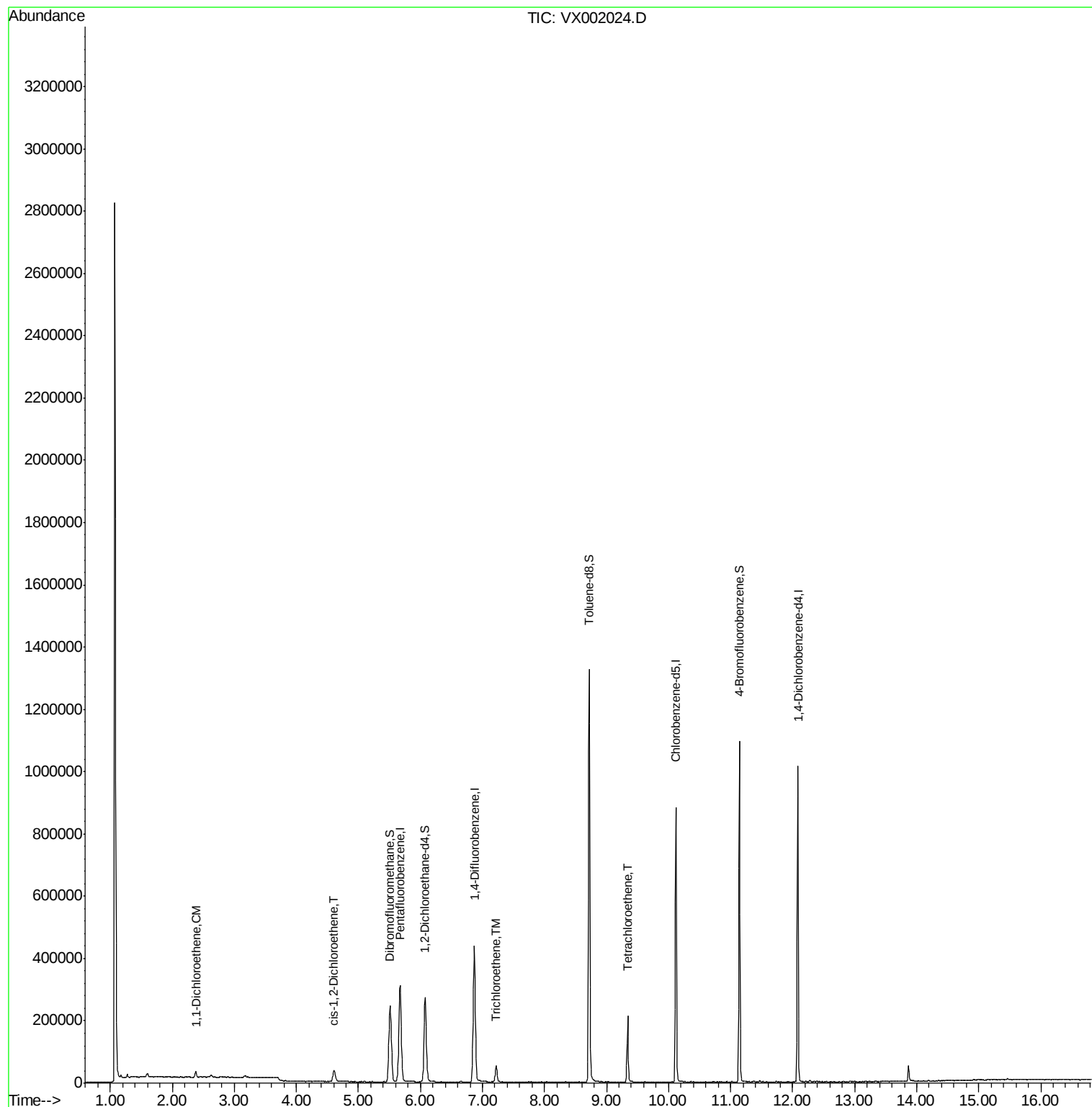
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	259932	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	5.51	113	201669	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	8.72	98	769893	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	269013	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	6309	1.74	ug/l	90
27) cis-1,2-Dichloroethene	4.61	96	20139	4.27	ug/l	86
44) Trichloroethene	7.22	130	19704	3.80	ug/l	100
64) Tetrachloroethene	9.34	164	41476	7.58	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

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MSVOA_X

ClientSampleId :

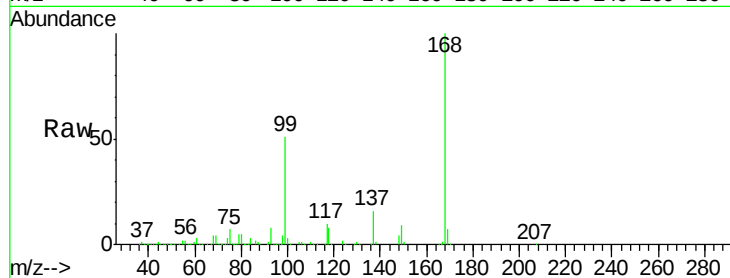
SS052MW727-180521

Tot Ion:168 Resp: 310223

Ion Ratio Lower Upper

168 100

99 50.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

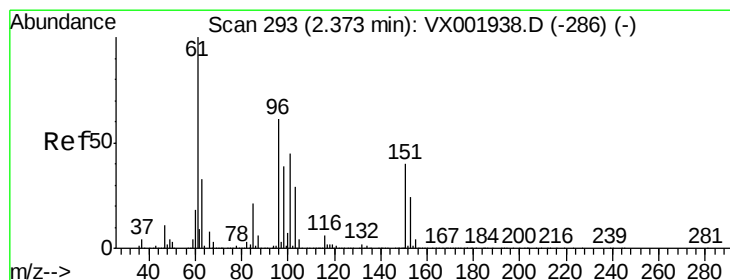
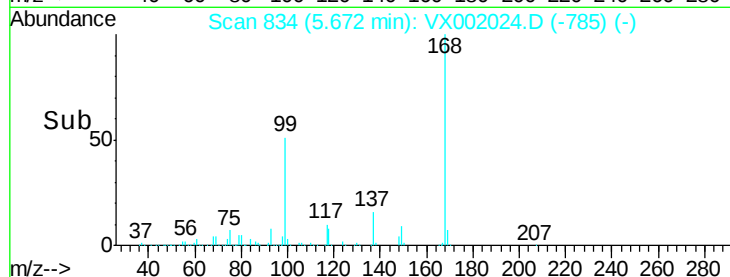
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.74 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

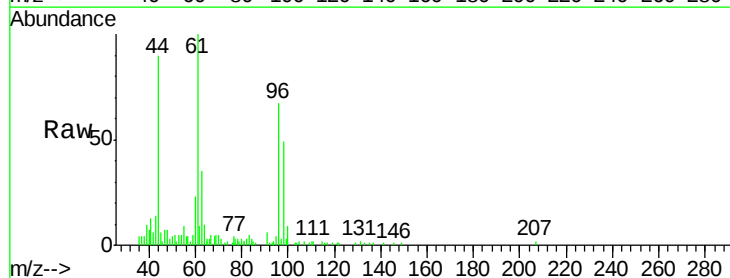
Tgt Ion: 96 Resp: 6309

Ion Ratio Lower Upper

96 100

61 151.1 131.7 197.5

98 71.7 51.6 77.4



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

8000

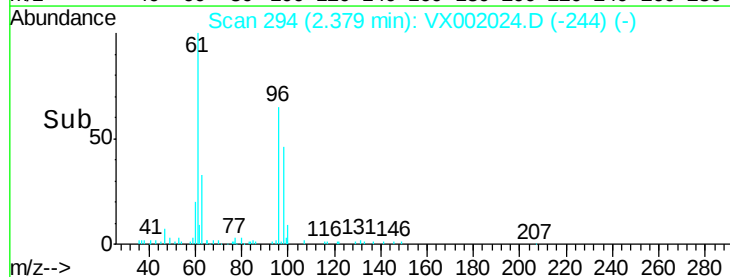
6000

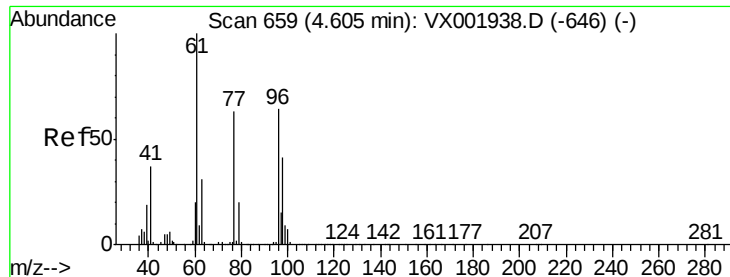
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.27 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW727-180521

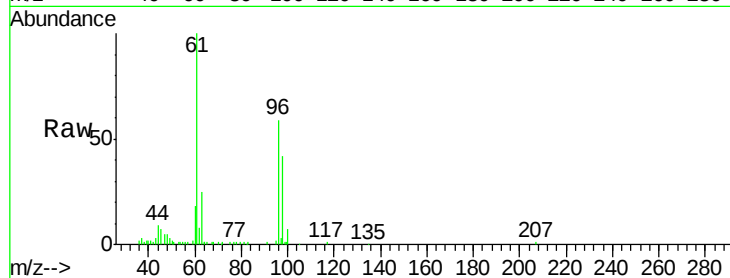
Tot Ion: 96 Resp: 20139

Ion Ratio Lower Upper

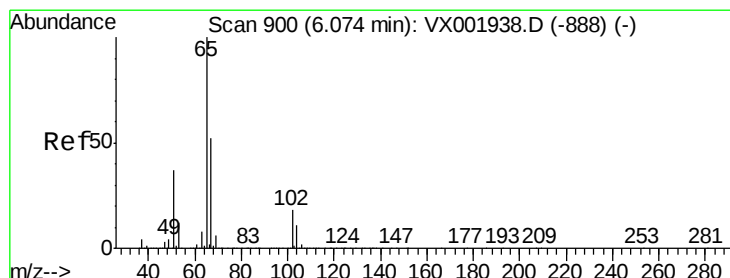
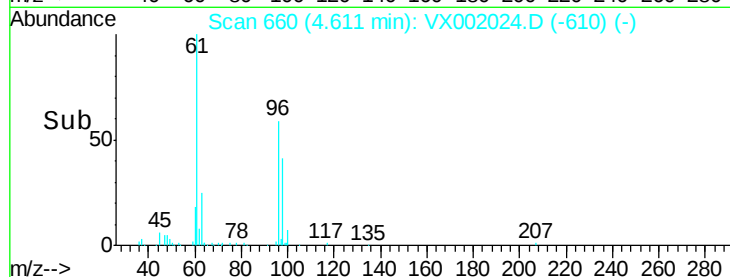
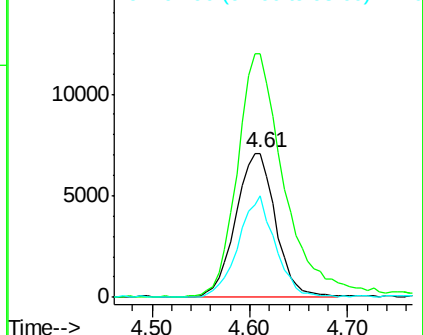
96 100

61 200.5 0.0 348.4

98 65.1 0.0 128.6



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: 46.87 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX002024.D

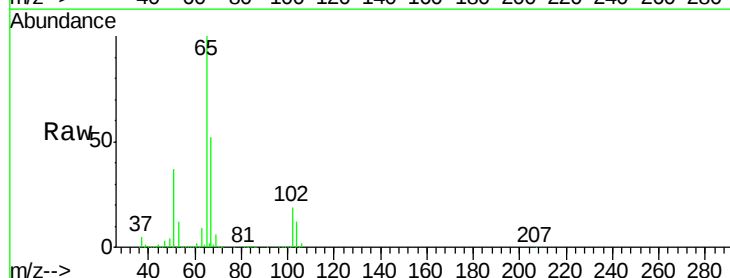
Acq: 26 May 2018 17:39

Tgt Ion: 65 Resp: 259932

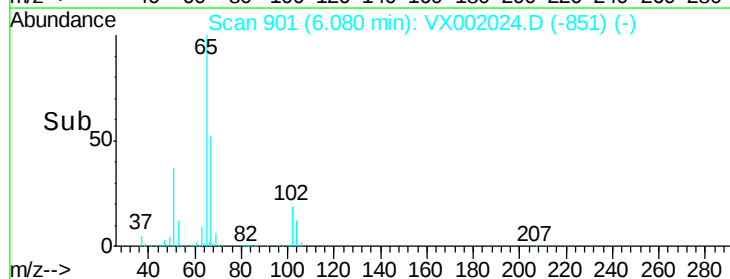
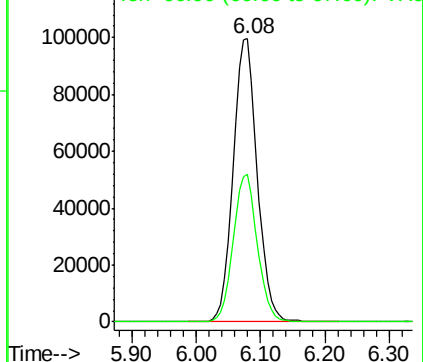
Ion Ratio Lower Upper

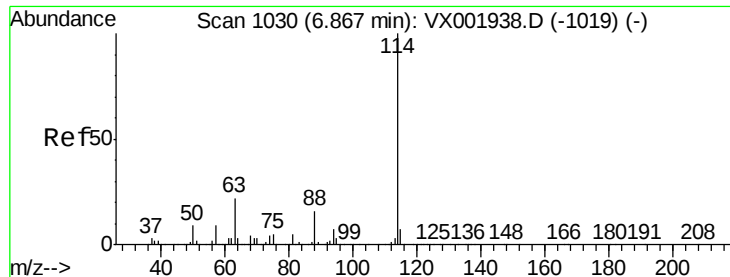
65 100

67 52.2 0.0 104.0



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: VX002024.D

Acq: 26 May 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW727-180521

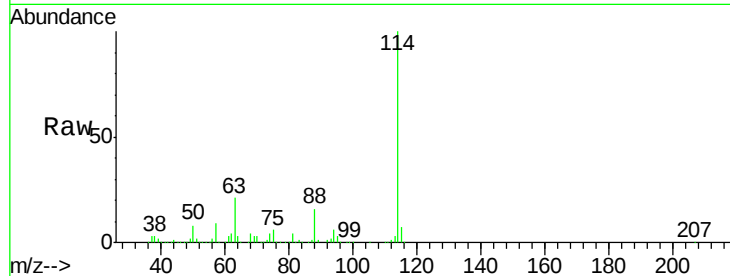
Tot Ion:114 Resp: 436417

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 15.7 0.0 31.6



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

250000

200000

150000

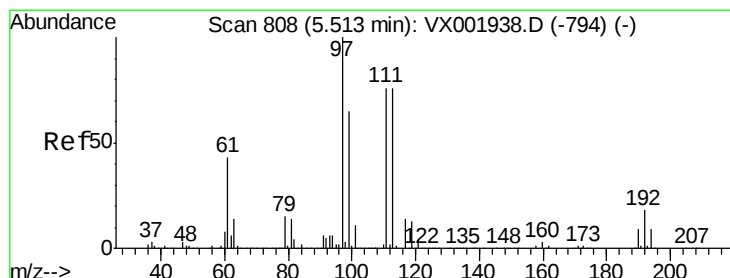
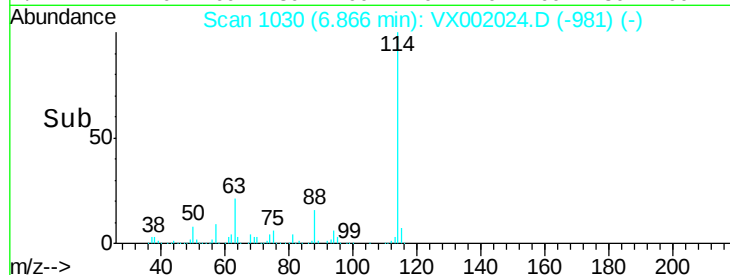
100000

50000

0

6.87

Time-->



#35

Dibromofluoromethane

Concen: 46.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

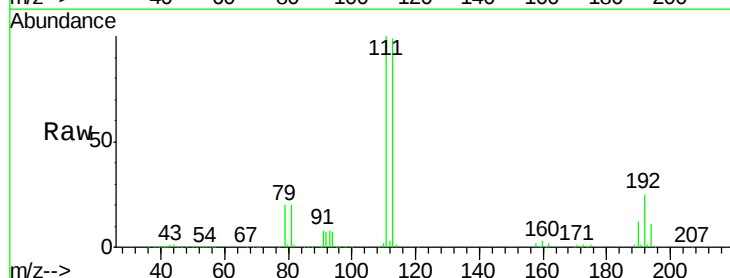
Tgt Ion:113 Resp: 201669

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 23.7 18.9 28.3



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

100000

80000

60000

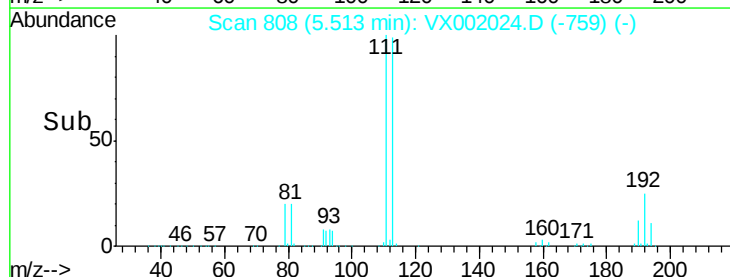
40000

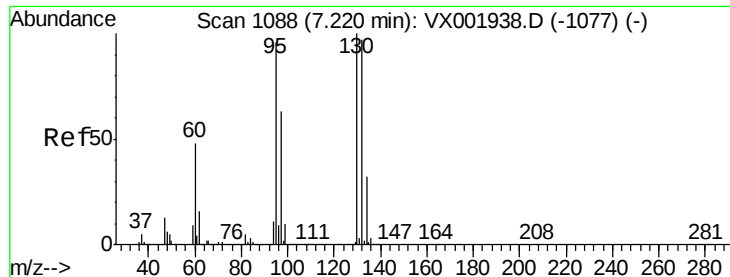
20000

0

5.51

Time-->





#44

Trichloroethene

Concen: 3.80 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

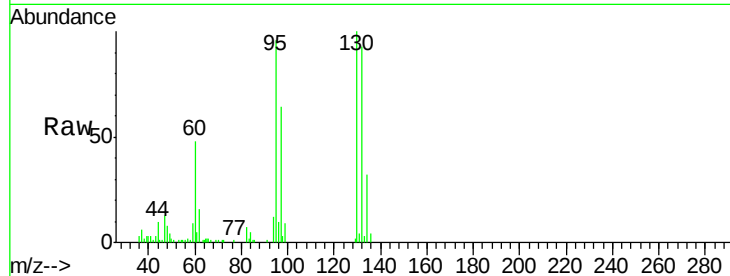
SS052MW727-180521

Tot Ion:130 Resp: 19704

Ion Ratio Lower Upper

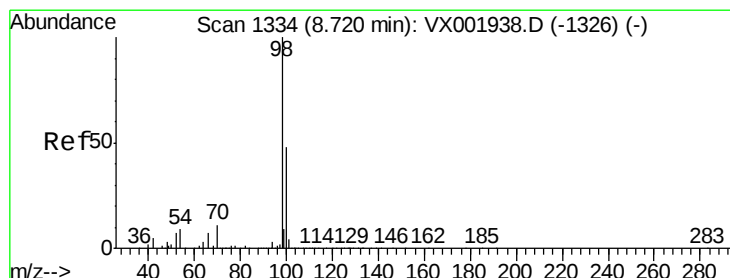
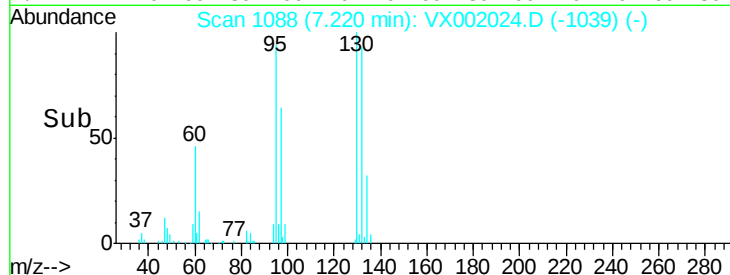
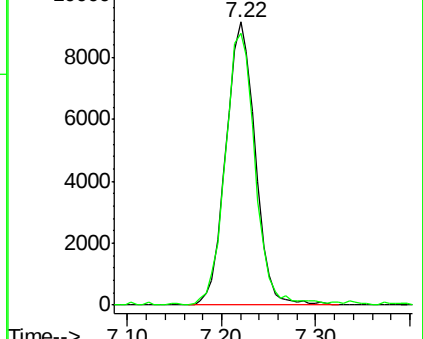
130 100

95 96.1 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002024.D

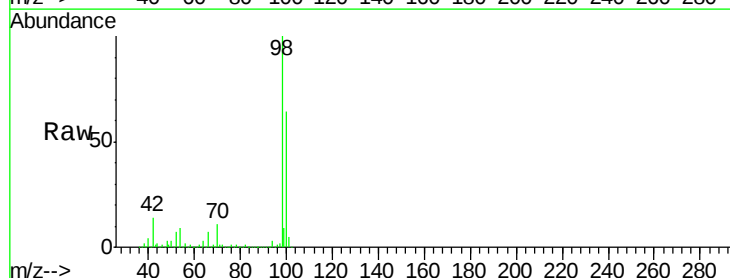
Acq: 26 May 2018 17:39

Tgt Ion: 98 Resp: 769893

Ion Ratio Lower Upper

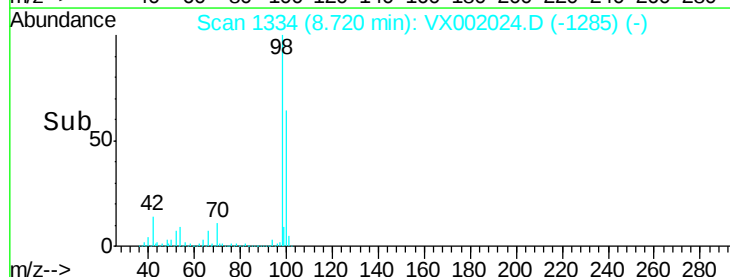
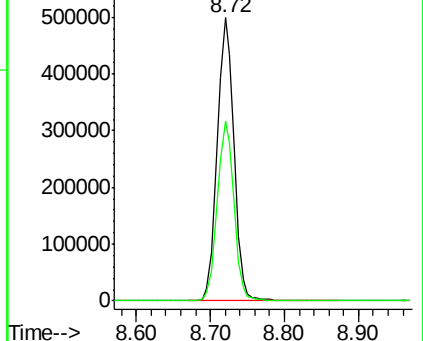
98 100

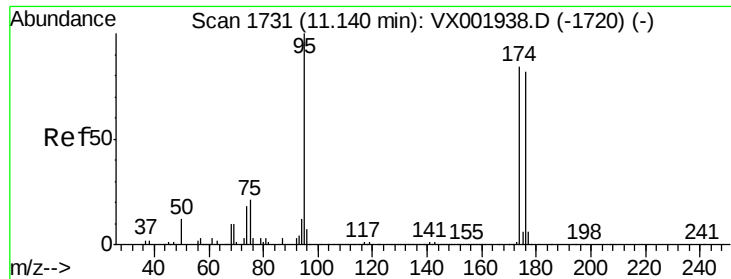
100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

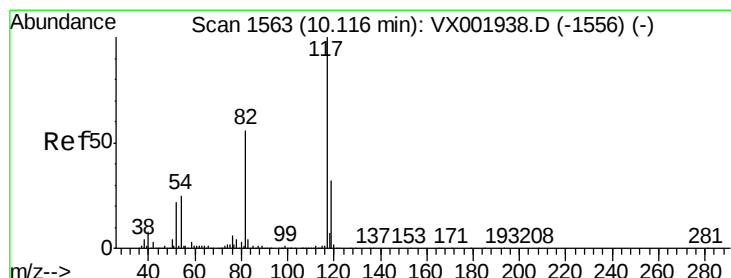
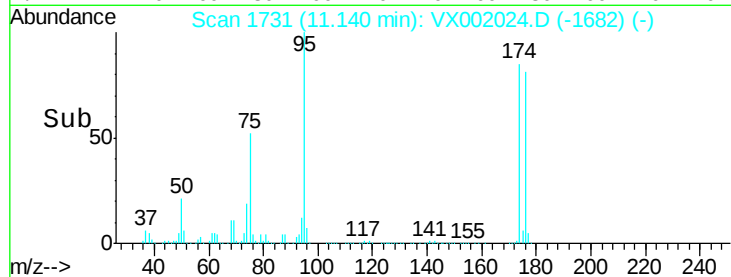
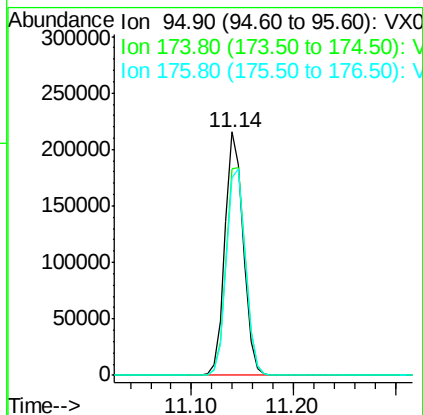
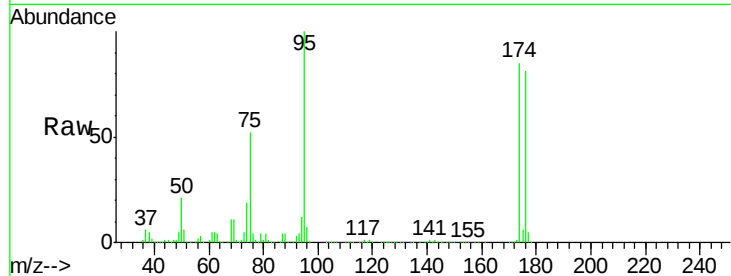




#62
4-Bromofluorobenzene
Concen: 43.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002024.D
Acq: 26 May 2018 17:39

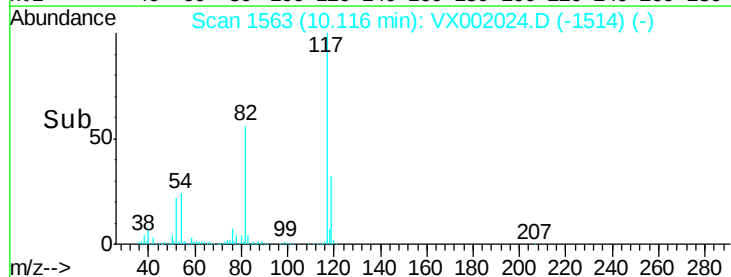
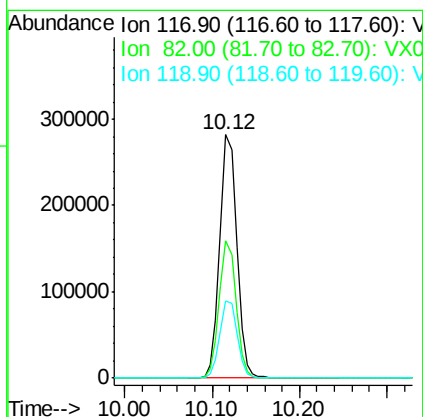
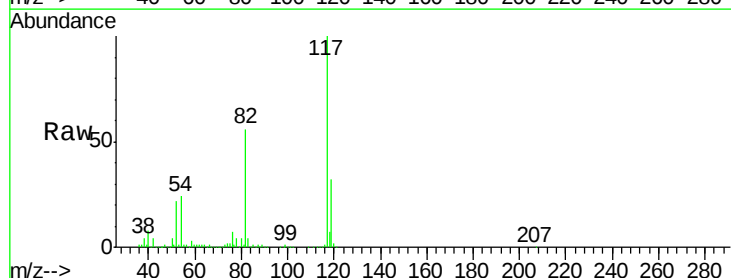
Instrument :
MSVOA_X
ClientSampleId :
SS052MW727-180521

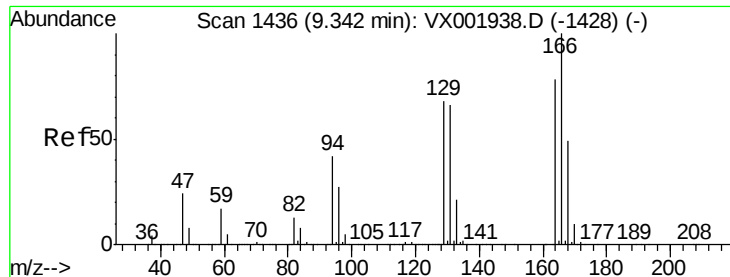
Tot Ion: 95 Resp: 269013
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.8
176 88.0 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002024.D
Acq: 26 May 2018 17:39

Tgt Ion: 117 Resp: 381635
Ion Ratio Lower Upper
117 100
82 56.3 44.8 67.2
119 32.0 25.5 38.3





#64

Tetrachloroethene

Concen: 7.58 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW727-180521

Tot Ion:164 Resp: 41476

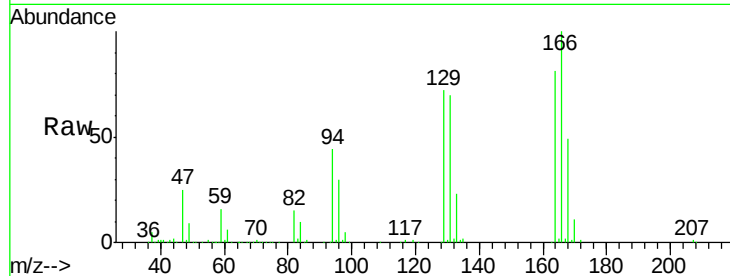
Ion Ratio Lower Upper

164 100

166 123.0 102.7 154.1

129 89.1 70.3 105.5

131 85.9 68.2 102.4

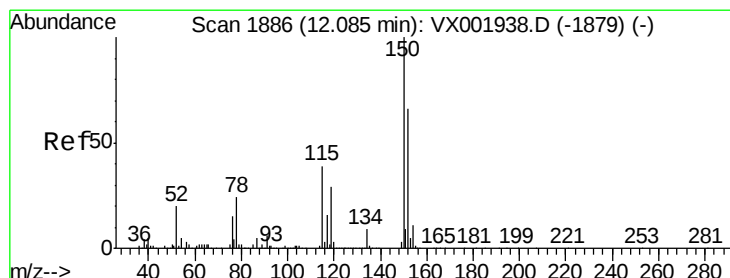
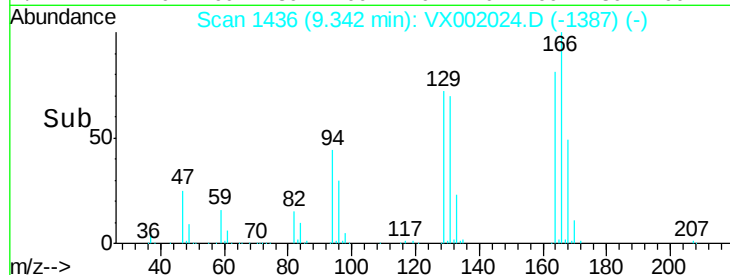
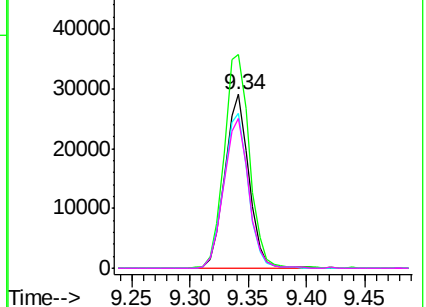


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002024.D

Acq: 26 May 2018 17:39

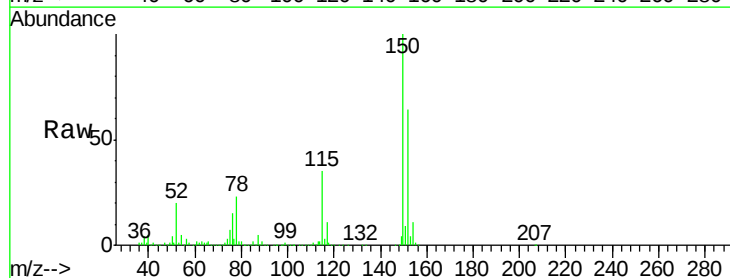
Tgt Ion:152 Resp: 204364

Ion Ratio Lower Upper

152 100

115 55.6 42.3 126.8

150 156.1 0.0 351.0



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

