

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002030.D
 Acq On : 26 May 2018 20:19
 Operator : JC/MD
 Sample : J3118-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW376-180522

Quant Time: May 28 03:08:31 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

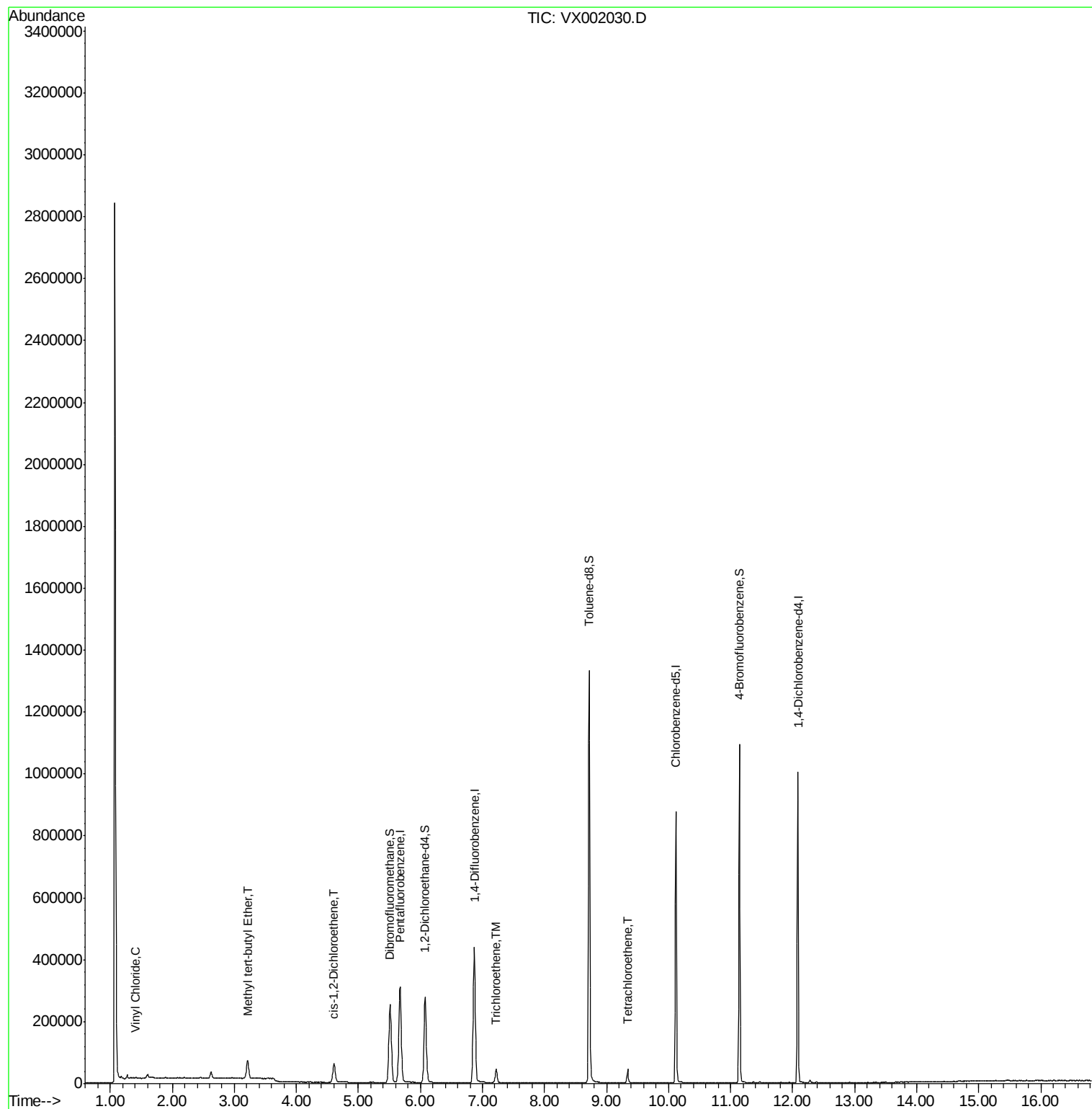
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	262224	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	5.51	113	205417	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	8.72	98	777223	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.14	95	271347	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1202	0.26	ug/l	# 82
19) Methyl tert-butyl Ether	3.21	73	68002	4.94	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	35767	7.49	ug/l	97
44) Trichloroethene	7.22	130	16650	3.25	ug/l	89
64) Tetrachloroethene	9.34	164	8646	1.58	ug/l	92

(#) = 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: VX002030.D

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MSVOA_X

ClientSampleId :

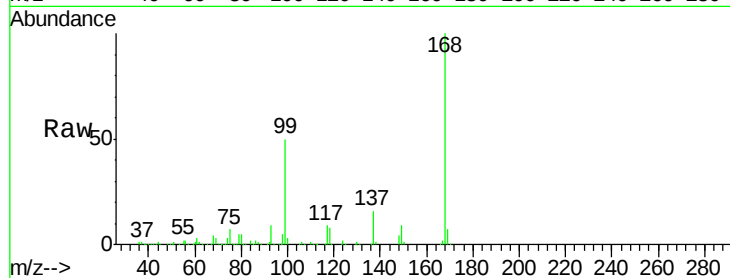
SS052OW376-180522

Tot Ion:168 Resp: 314157

Ion Ratio Lower Upper

168 100

99 50.0 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

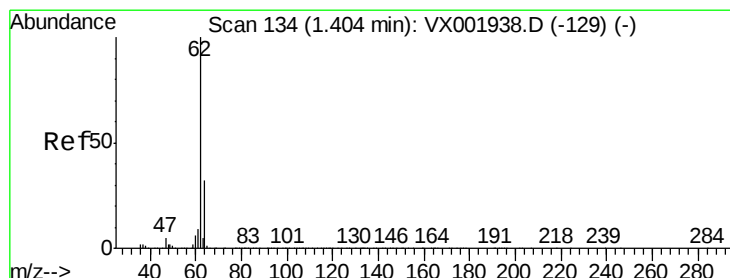
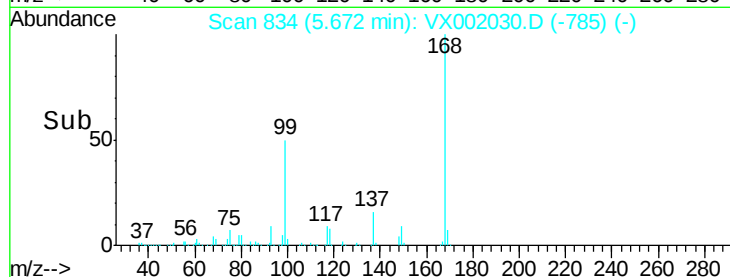
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.26 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002030.D

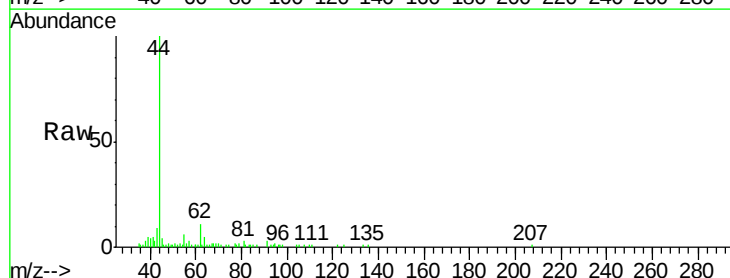
Acq: 26 May 2018 20:19

Tgt Ion: 62 Resp: 1202

Ion Ratio Lower Upper

62 100

64 41.4 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1200

1000

800

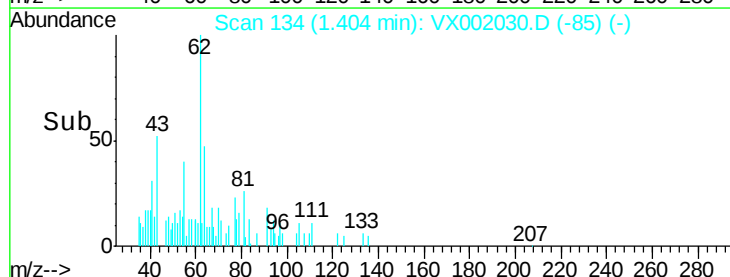
600

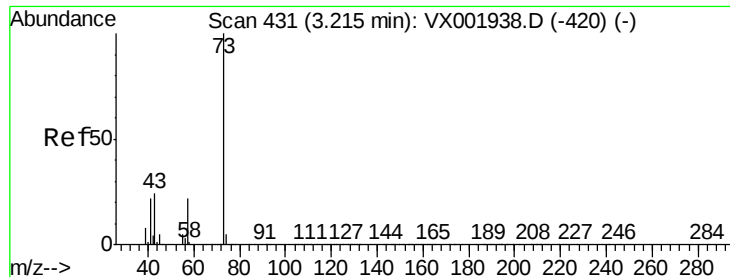
400

200

0

Time--> 1.35 1.40 1.45

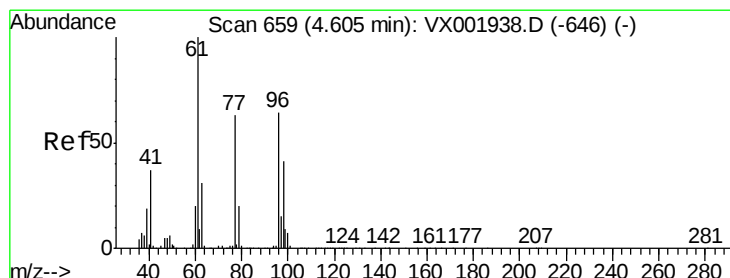
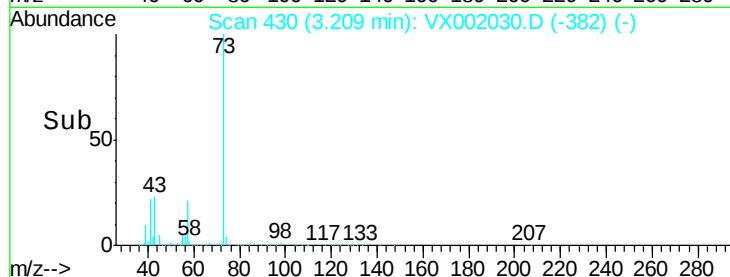
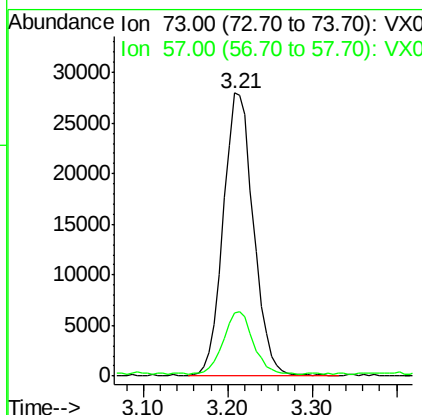
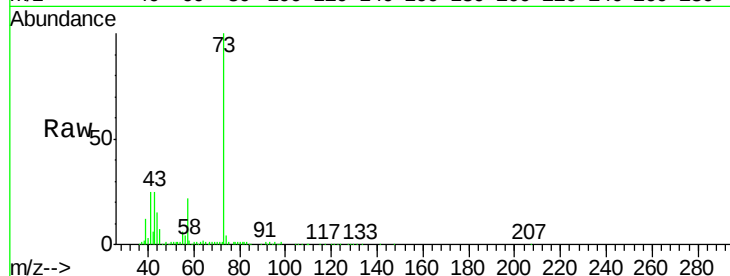




#19
Methvl tert-butvl Ether
Concen: 4.94 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002030.D
Acq: 26 May 2018 20:19

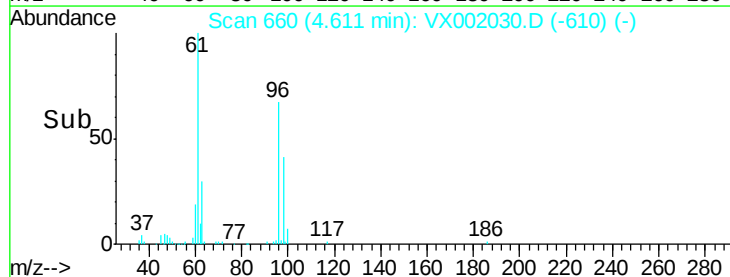
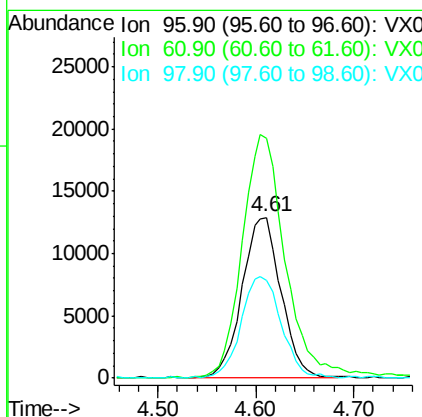
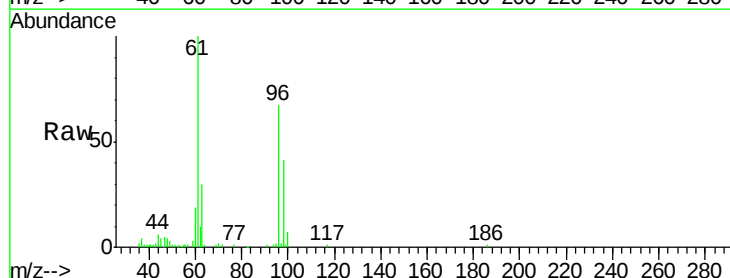
Instrument :
MSVOA_X
ClientSampleId :
SS052OW376-180522

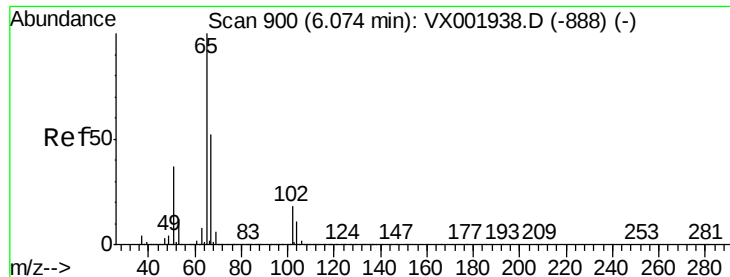
Tot Ion: 73 Resp: 68002
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#27
cis-1,2-Dichloroethene
Concen: 7.49 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX002030.D
Acq: 26 May 2018 20:19

Tgt Ion: 96 Resp: 35767
Ion Ratio Lower Upper
96 100
61 168.6 0.0 348.4
98 65.2 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 46.70 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002030.D

Acq: 26 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

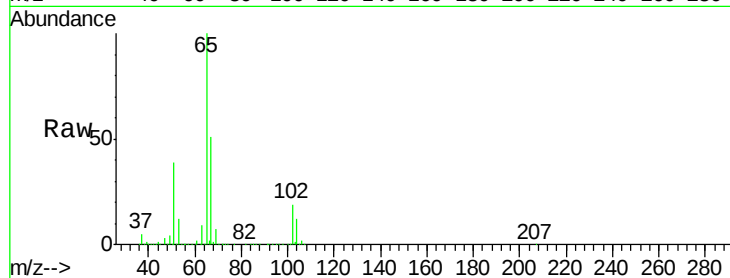
SS052OW376-180522

Tot Ion: 65 Resp: 262224

Ion Ratio Lower Upper

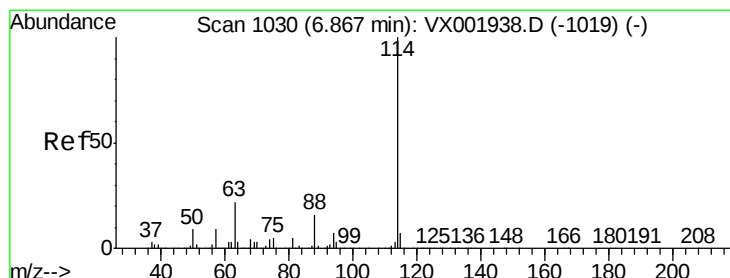
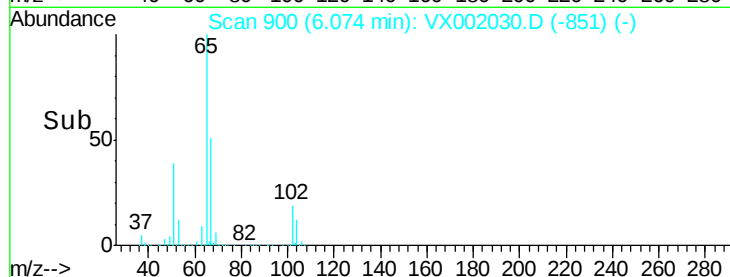
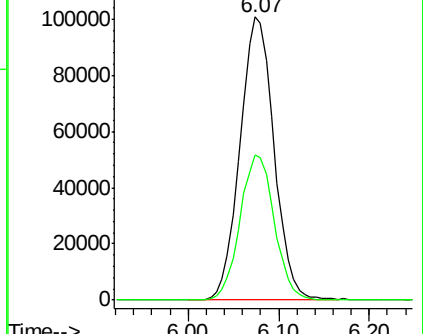
65 100

67 51.7 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: VX002030.D

Acq: 26 May 2018 20:19

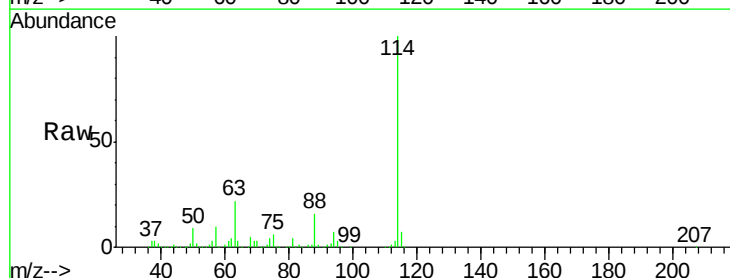
Tgt Ion: 114 Resp: 431081

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

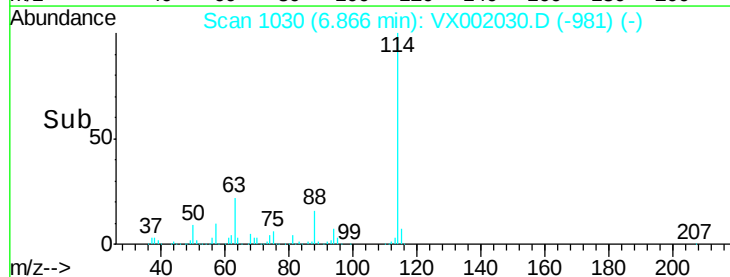
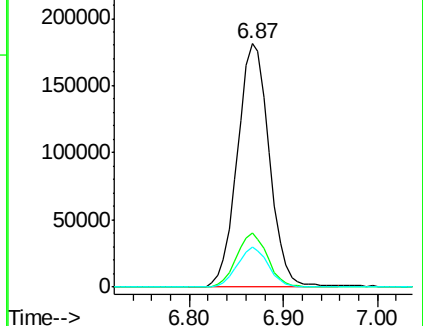
88 16.5 0.0 31.6

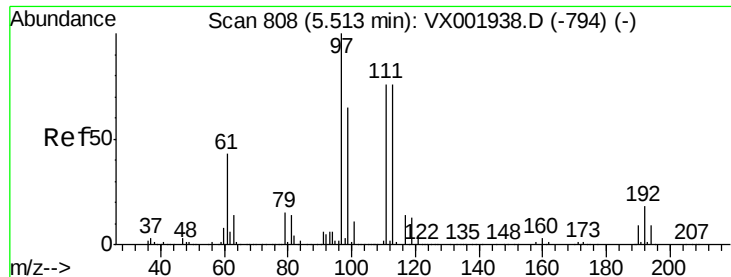


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

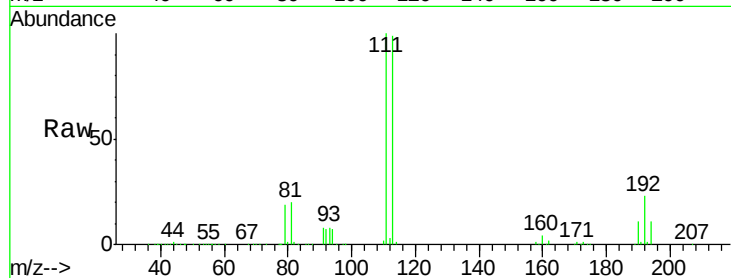




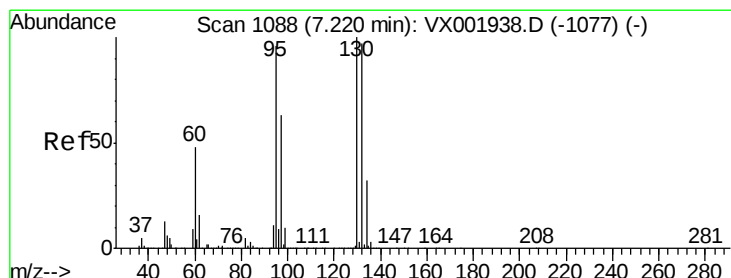
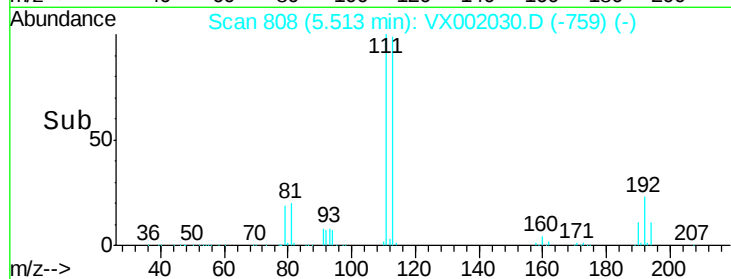
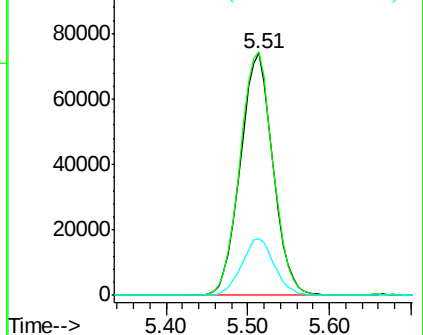
#35
 Dibromofluoromethane
 Concen: 47.65 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002030.D
 Acq: 26 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW376-180522

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.6	18.9	28.3

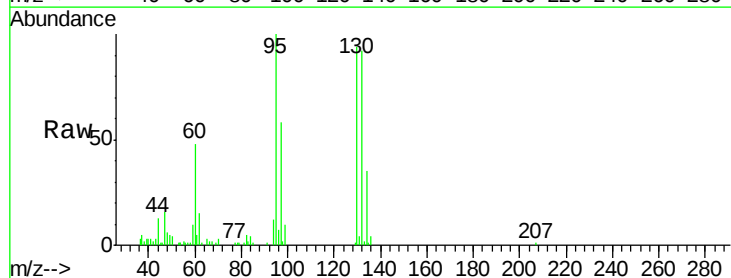


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

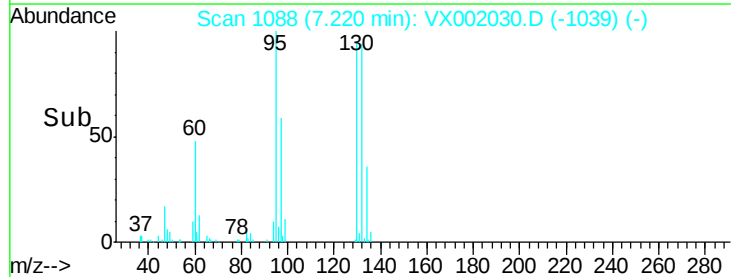
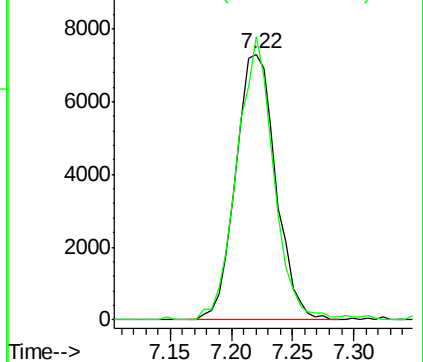


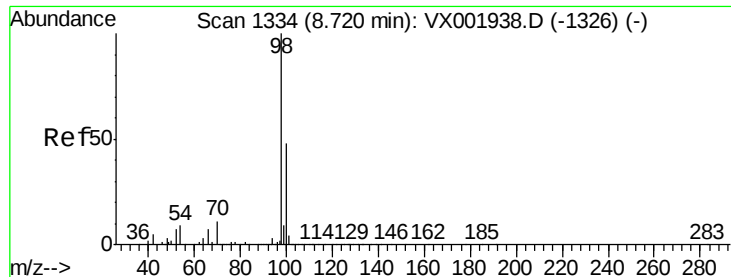
#44
 Trichloroethene
 Concen: 3.25 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002030.D
 Acq: 26 May 2018 20:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002030.D

Acq: 26 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

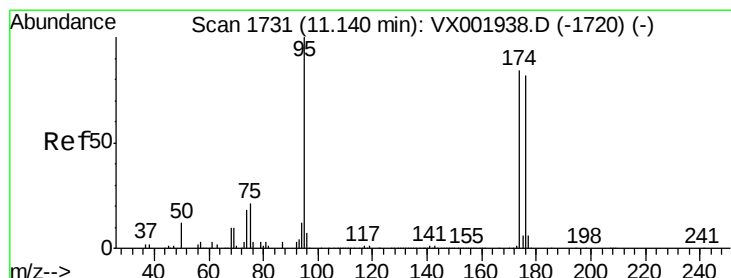
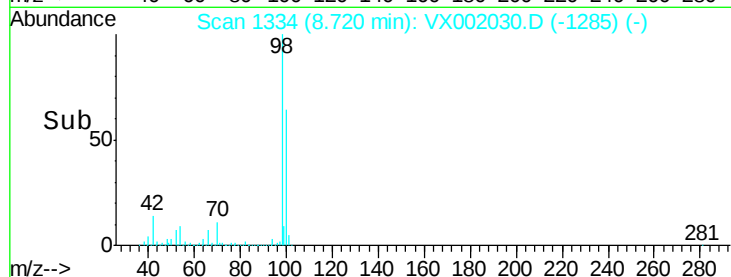
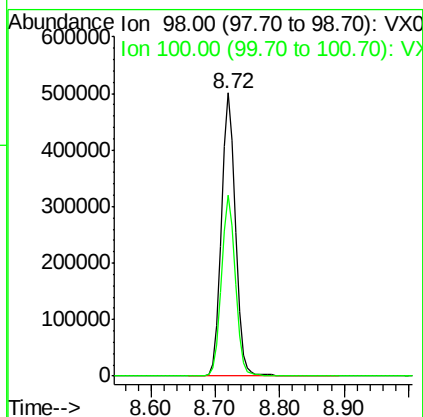
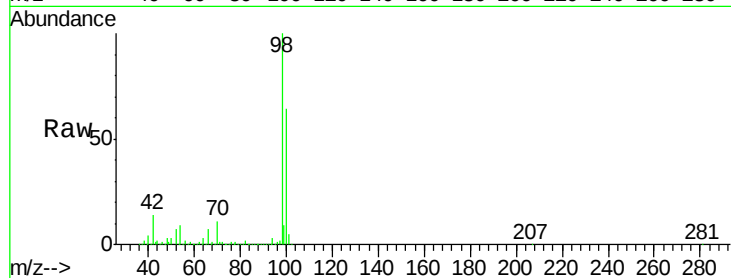
SS052OW376-180522

Tot Ion: 98 Resp: 777223

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002030.D

Acq: 26 May 2018 20:19

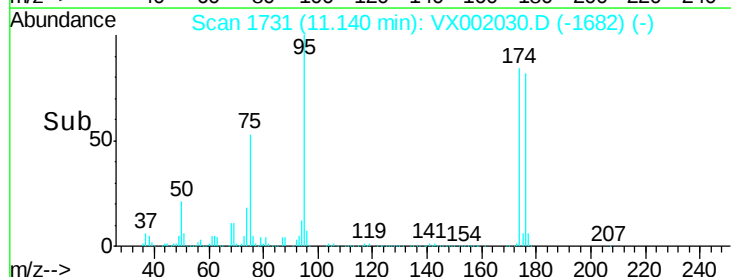
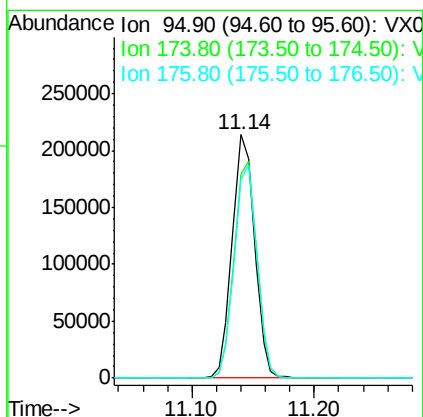
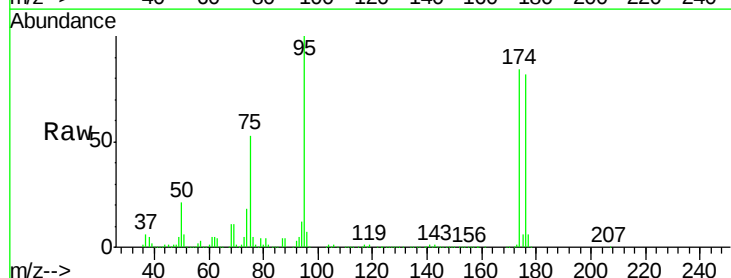
Tgt Ion: 95 Resp: 271347

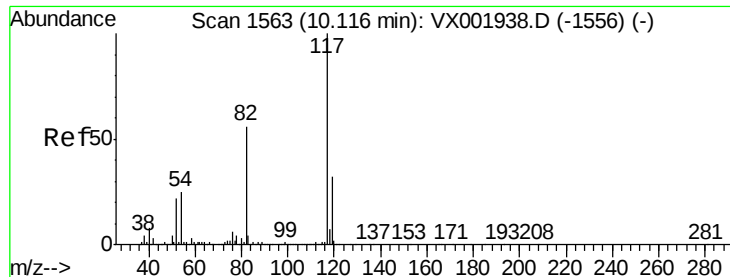
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.8

176 88.5 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: VX002030.D

Acq: 26 May 2018 20:19

Instrument :

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ClientSampleId :

SS052OW376-180522

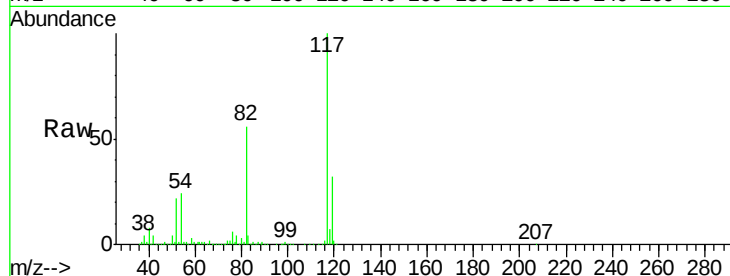
Tot Ion:117 Resp: 382722

Ion Ratio Lower Upper

117 100

82 56.2 44.8 67.2

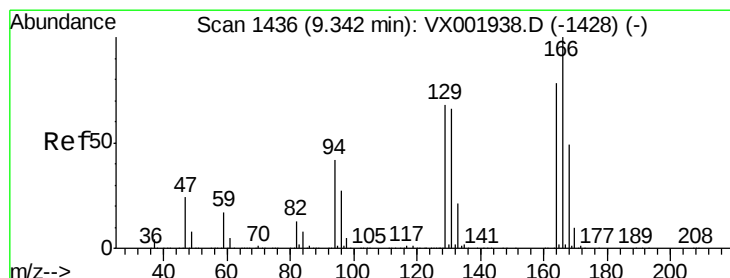
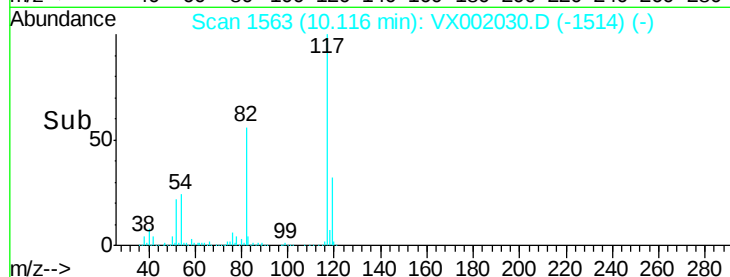
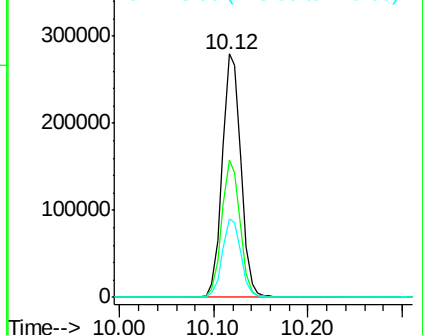
119 32.3 25.5 38.3



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: 1.58 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002030.D

Acq: 26 May 2018 20:19

Tgt Ion:164 Resp: 8646

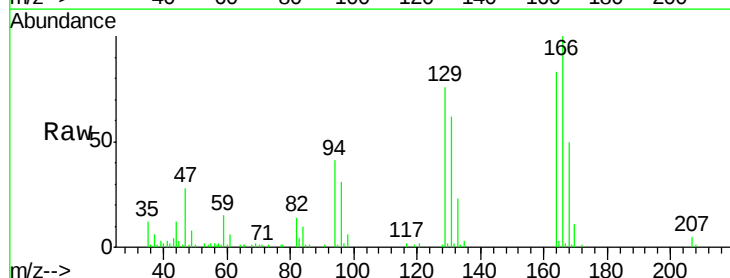
Ion Ratio Lower Upper

164 100

166 120.0 102.7 154.1

129 91.2 70.3 105.5

131 74.0 68.2 102.4

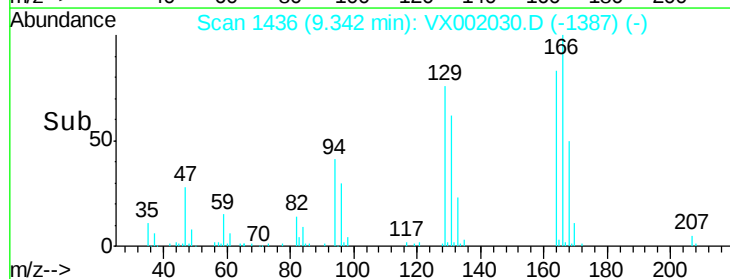
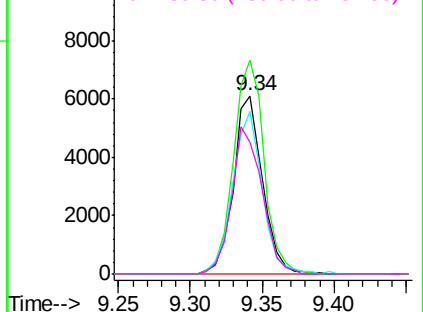


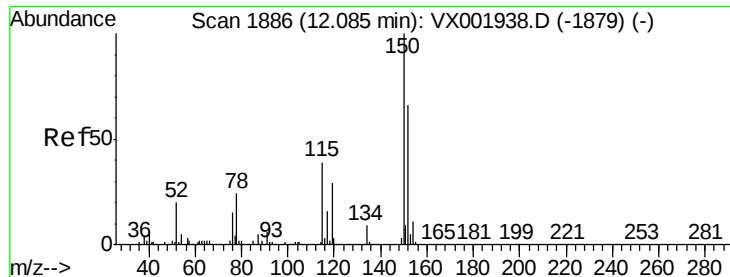
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX002030.D

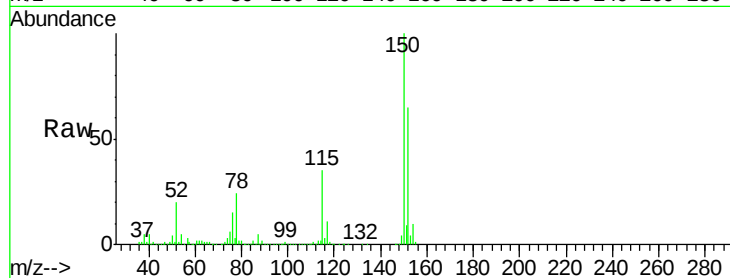
Acq: 26 May 2018 20:19

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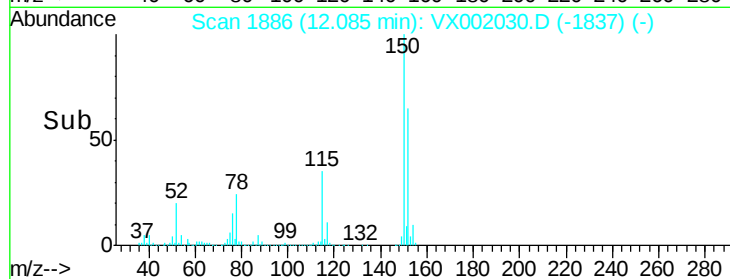
Tot Ion:152 Resp: 205071

Ion Ratio Lower Upper

152 100

115 56.1 42.3 126.8

150 155.7 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

