

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002095.D
 Acq On : 29 May 2018 16:13
 Operator : JC/MD
 Sample : J3118-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW326-180522

Quant Time: May 30 07:08:19 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	293692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	417483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196009	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	251088	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	5.51	113	192858	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
50) Toluene-d8	8.72	98	742900	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.14	95	262300	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	

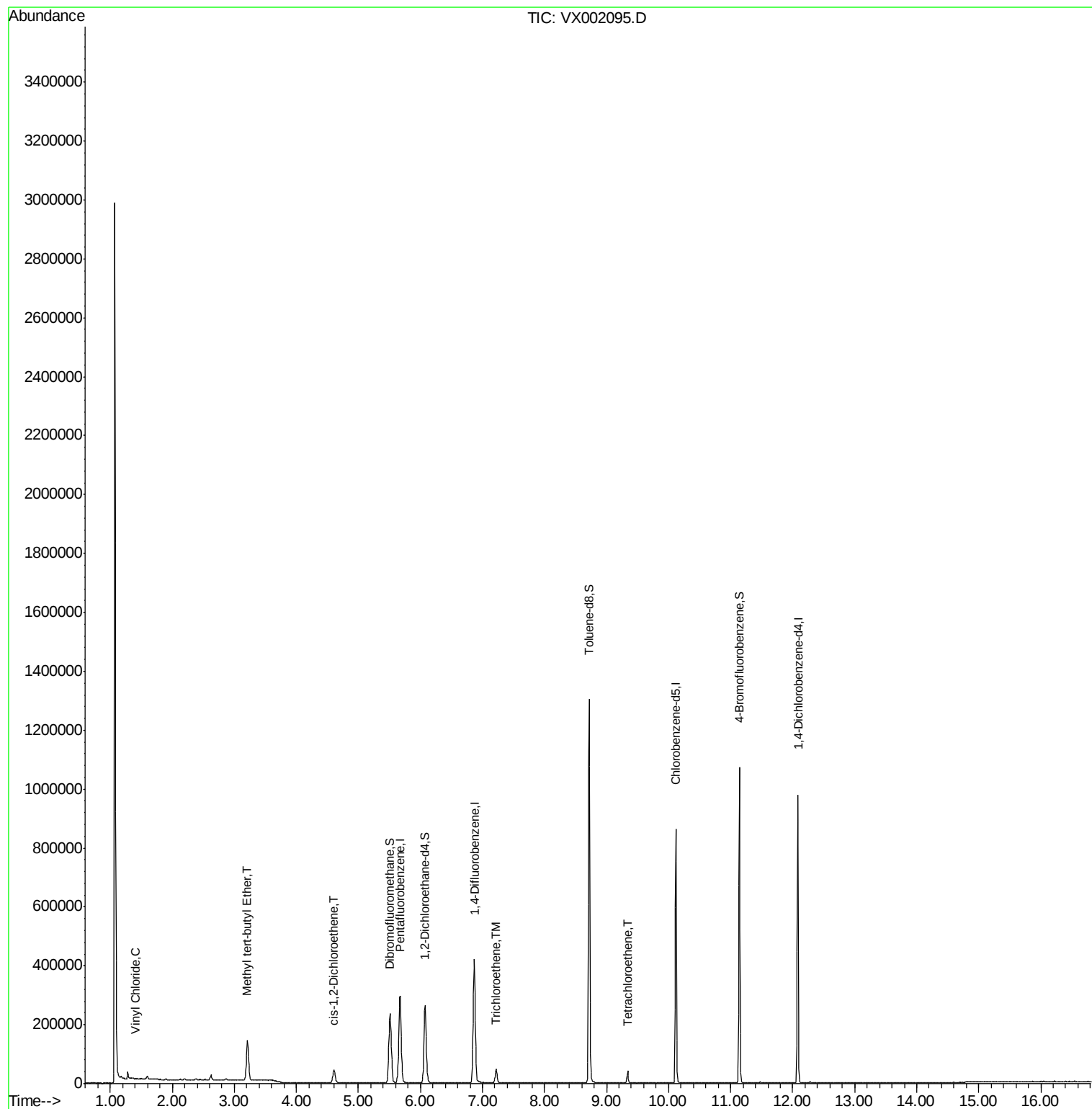
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	982	0.23	ug/l	# 80
19) Methyl tert-butyl Ether	3.21	73	148128	11.50	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	24088	5.40	ug/l	91
44) Trichloroethene	7.22	130	18204	3.67	ug/l	100
64) Tetrachloroethene	9.34	164	7710	1.46	ug/l	95

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
Data File : VX002095.D
Acq On : 29 May 2018 16:13
Operator : JC/MD
Sample : J3118-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW326-180522

Quant Time: May 30 07:08:19 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002095.D

Acq: 29 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

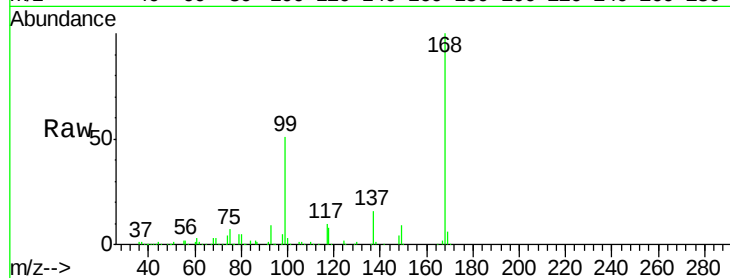
SS052MW326-180522

Tot Ion:168 Resp: 293692

Ion Ratio Lower Upper

168 100

99 51.5 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

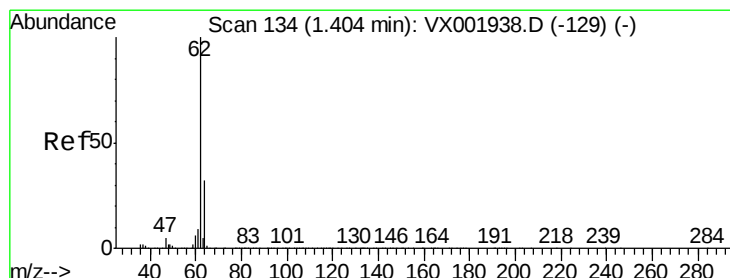
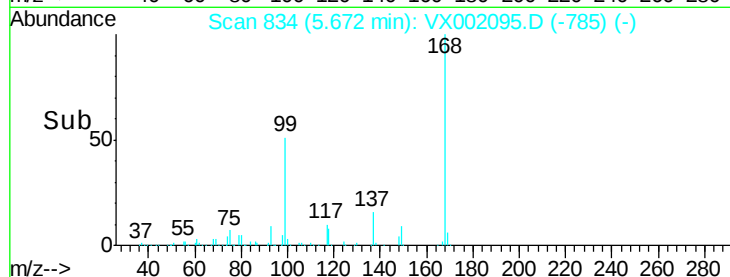
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 0.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002095.D

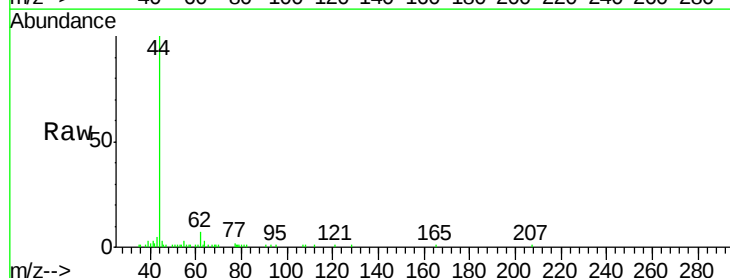
Acq: 29 May 2018 16:13

Tgt Ion: 62 Resp: 982

Ion Ratio Lower Upper

62 100

64 43.0 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

800

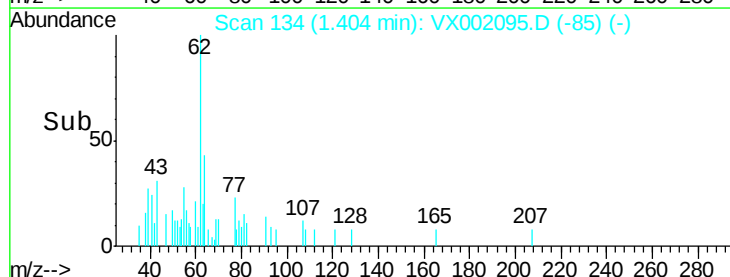
600

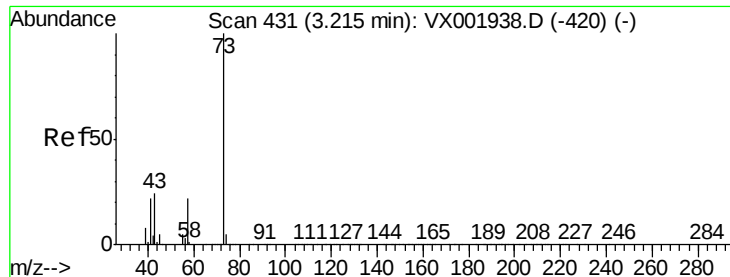
400

200

0

Time--> 1.35 1.40 1.45



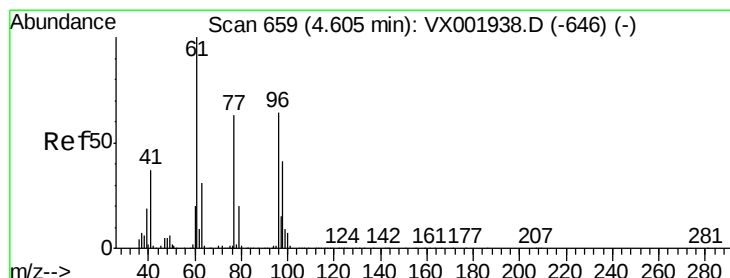
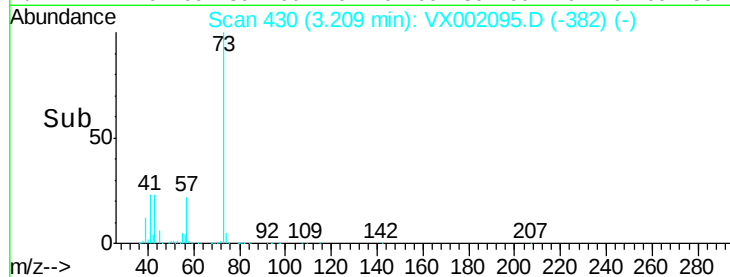
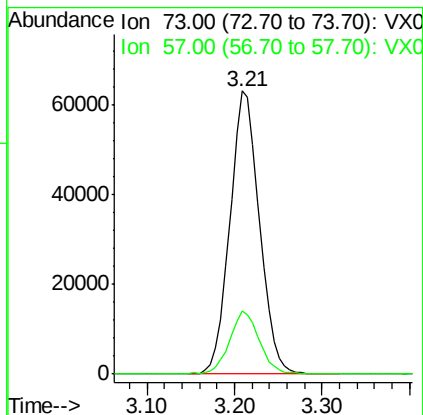
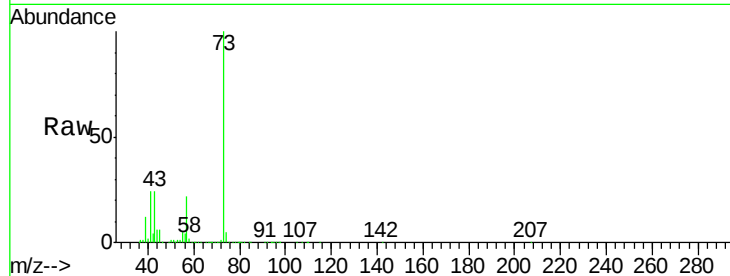


#19

Methvl tert-butvl Ether
Concen: 11.50 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002095.D
Acq: 29 May 2018 16:13

Instrument :
MSVOA_X
ClientSampleId :
SS052MW326-180522

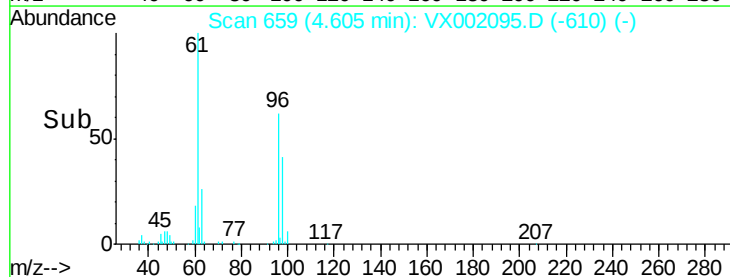
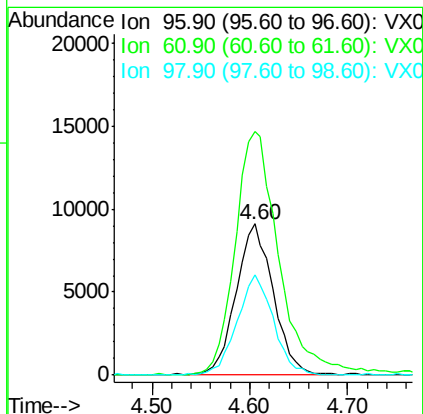
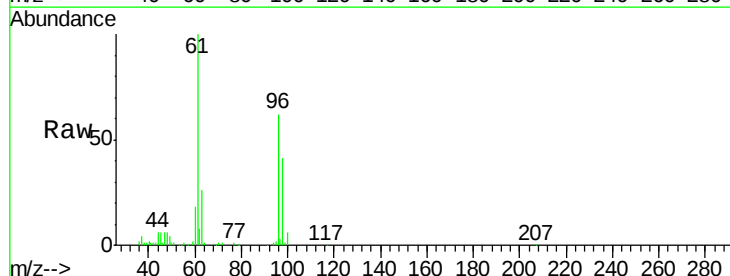
Tot Ion: 73 Resp: 148128
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

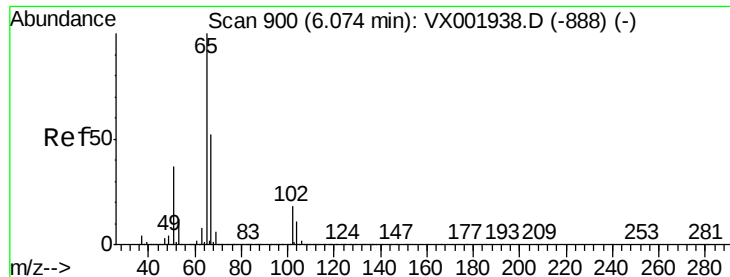


#27

cis-1,2-Dichloroethene
Concen: 5.40 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002095.D
Acq: 29 May 2018 16:13

Tgt Ion: 96 Resp: 24088
Ion Ratio Lower Upper
96 100
61 191.2 0.0 348.4
98 64.4 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 47.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002095.D

Acq: 29 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

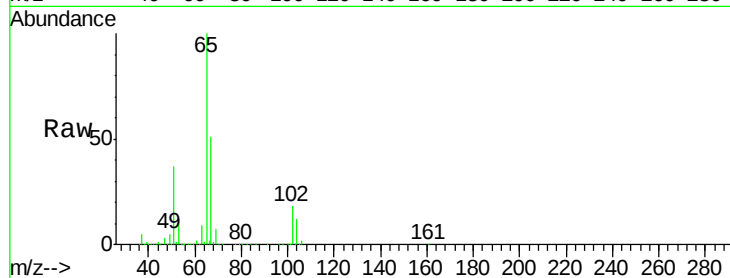
SS052MW326-180522

Tot Ion: 65 Resp: 251088

Ion Ratio Lower Upper

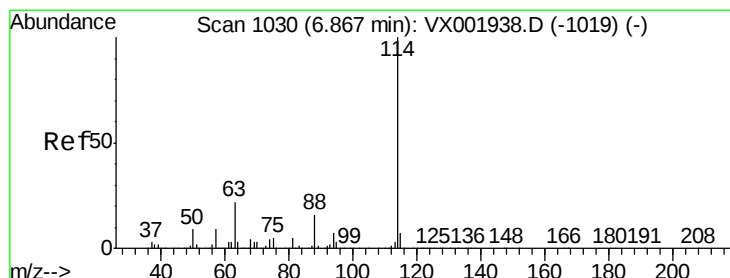
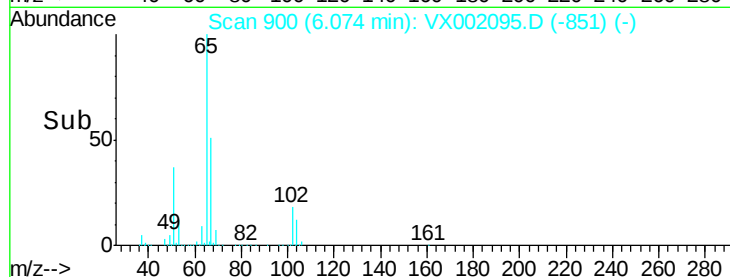
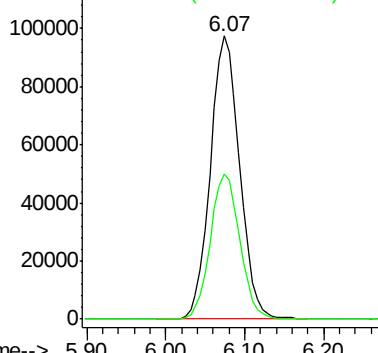
65 100

67 51.6 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: VX002095.D

Acq: 29 May 2018 16:13

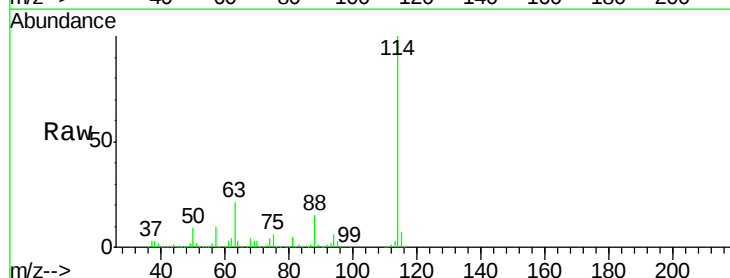
Tgt Ion: 114 Resp: 417483

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

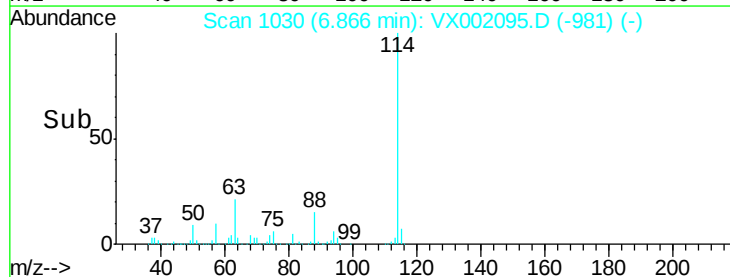
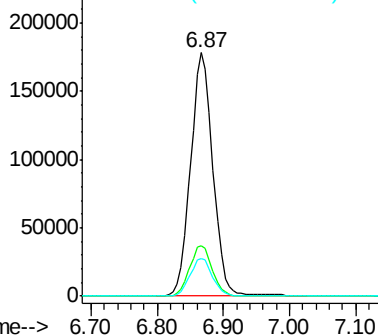
88 15.3 0.0 31.6

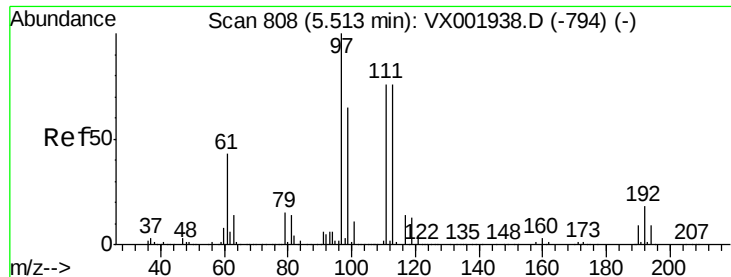


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

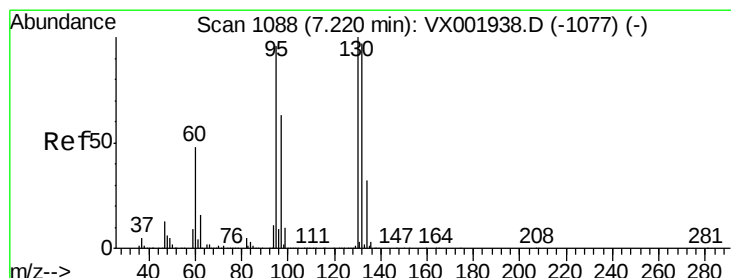
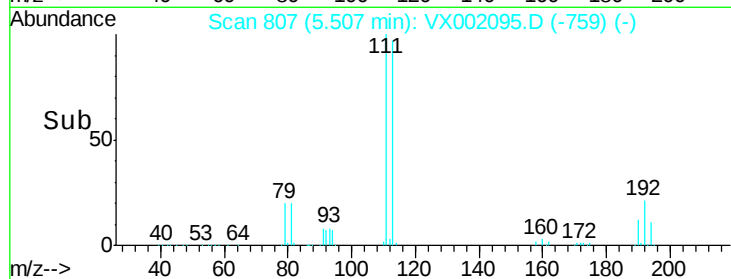
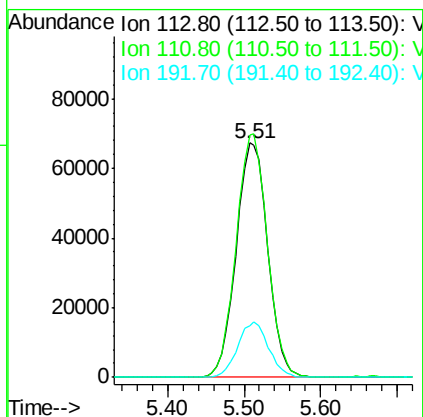
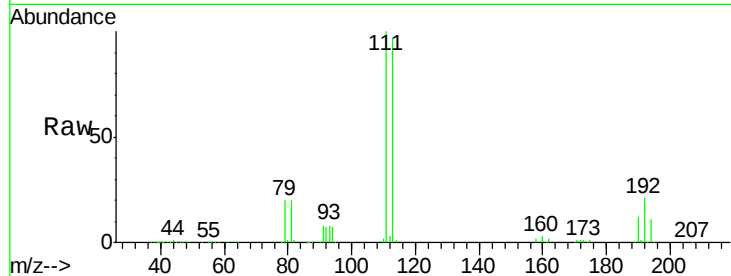




#35
 Dibromofluoromethane
 Concen: 46.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002095.D
 Acq: 29 May 2018 16:13

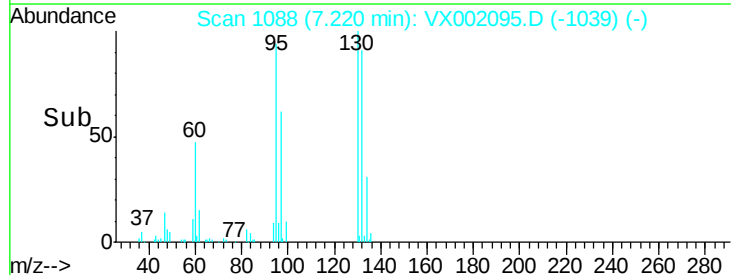
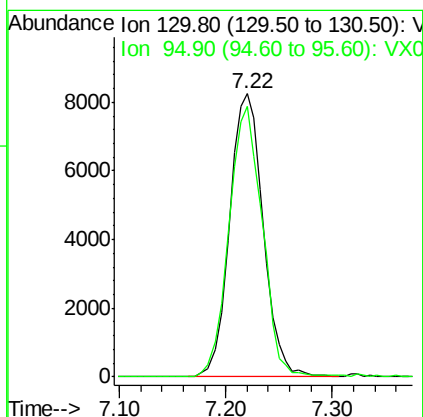
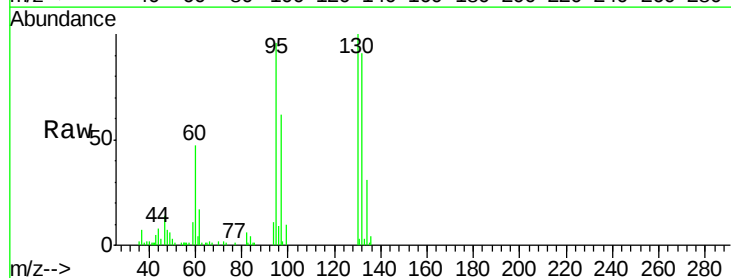
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW326-180522

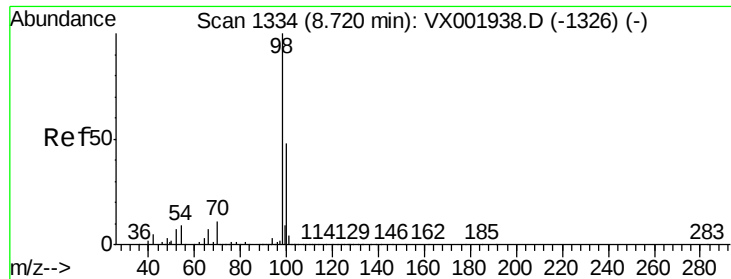
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.0	18.9	28.3



#44
 Trichloroethene
 Concen: 3.67 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002095.D
 Acq: 29 May 2018 16:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	192.0





#50

Toluene-d8

Concen: 49.15 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002095.D

Acq: 29 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

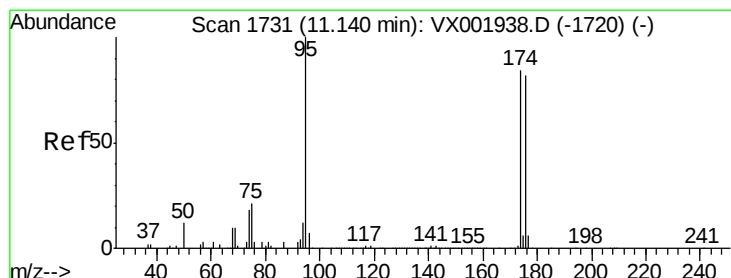
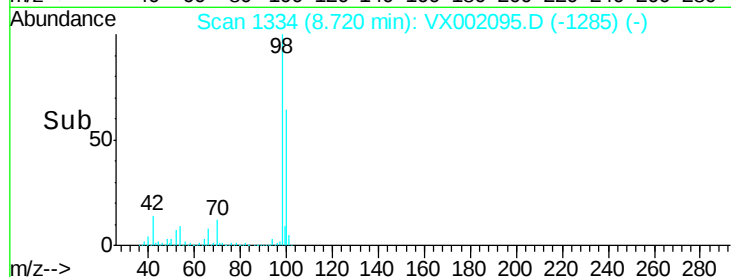
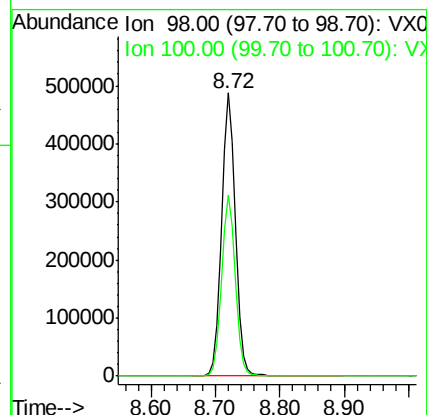
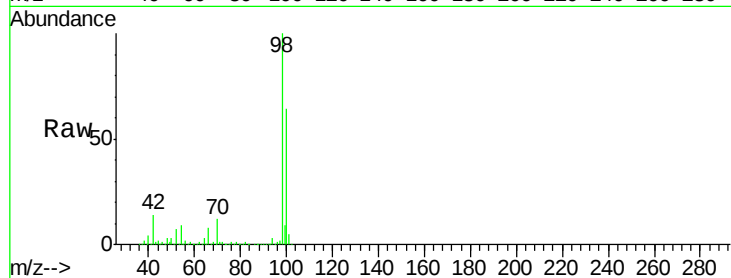
SS052MW326-180522

Tot Ion: 98 Resp: 742900

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002095.D

Acq: 29 May 2018 16:13

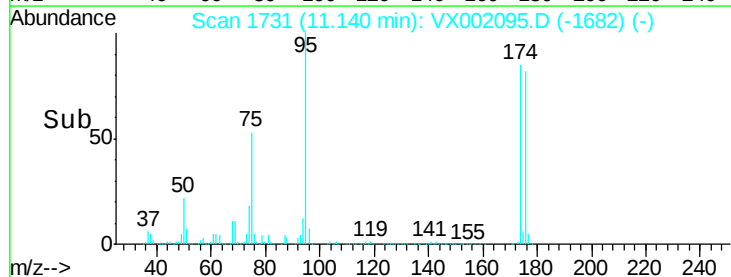
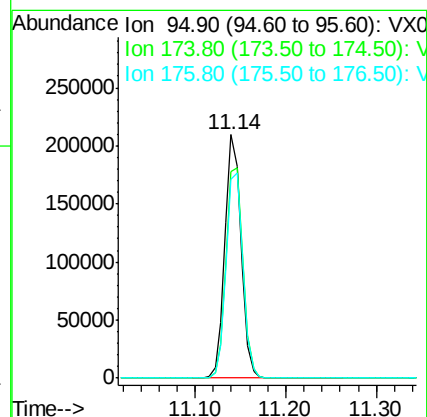
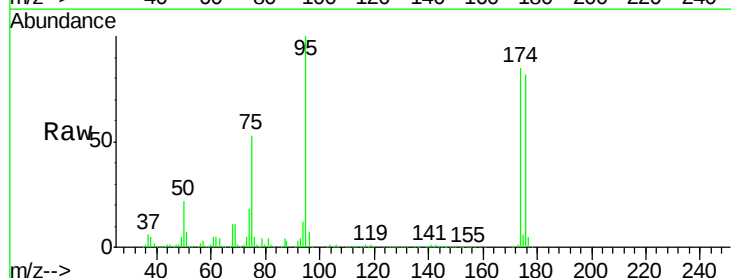
Tgt Ion: 95 Resp: 262300

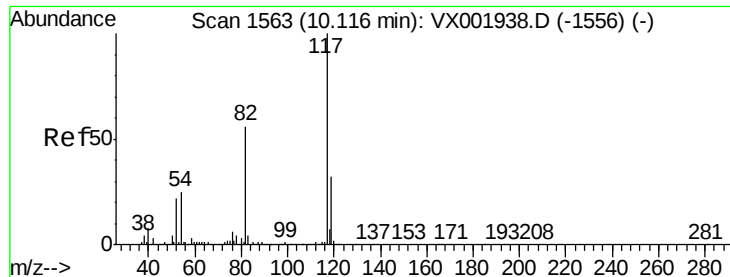
Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.8

176 87.5 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: VX002095.D

Acq: 29 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW326-180522

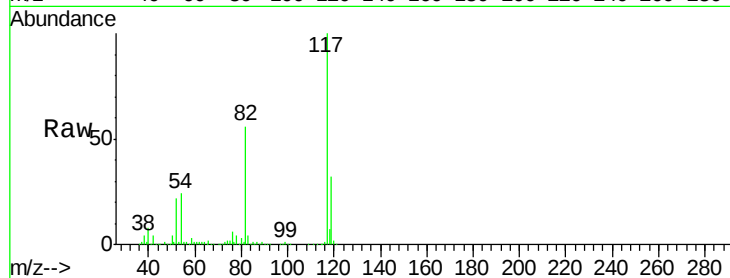
Tot Ion:117 Resp: 368670

Ion Ratio Lower Upper

117 100

82 55.8 44.8 67.2

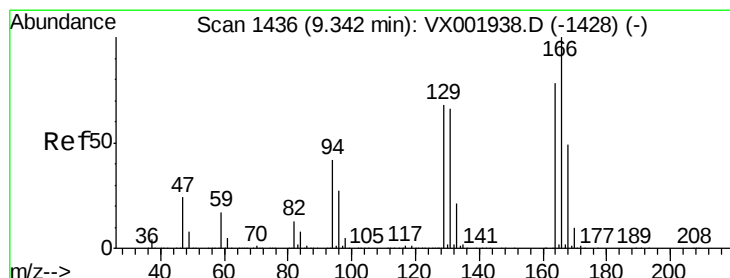
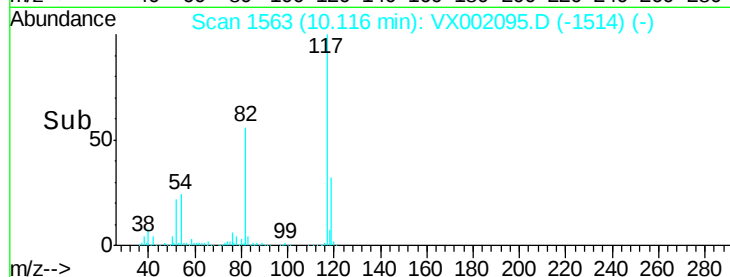
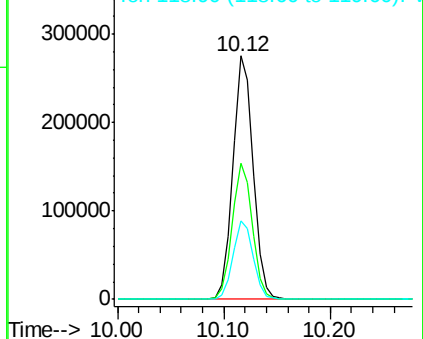
119 32.4 25.5 38.3



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: 1.46 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002095.D

Acq: 29 May 2018 16:13

Tgt Ion:164 Resp: 7710

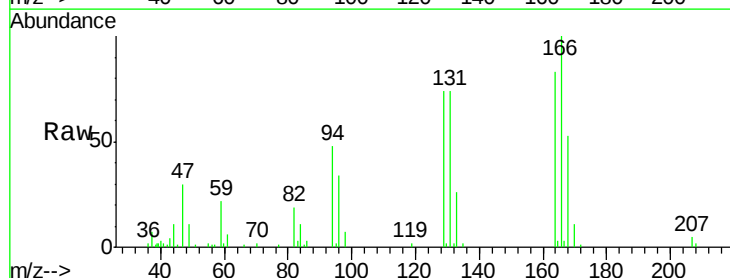
Ion Ratio Lower Upper

164 100

166 120.5 102.7 154.1

129 89.3 70.3 105.5

131 89.3 68.2 102.4

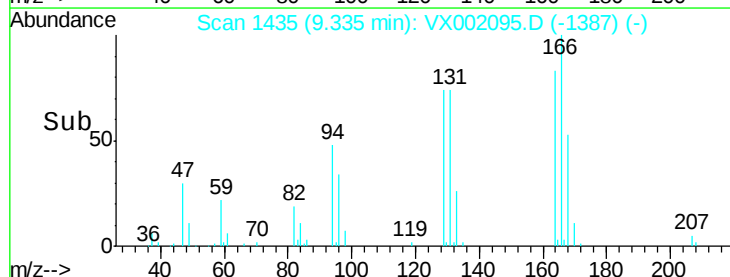
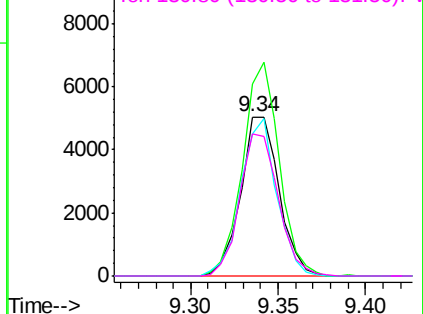


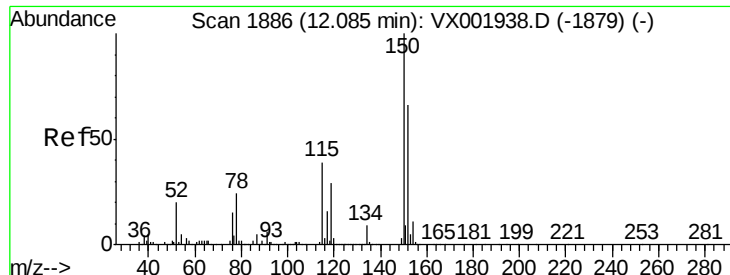
Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002095.D

Acq: 29 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

SS052MW326-180522

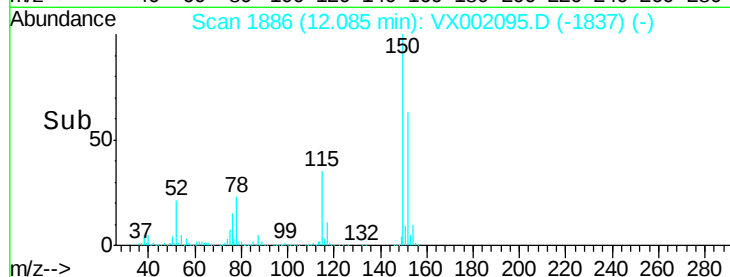
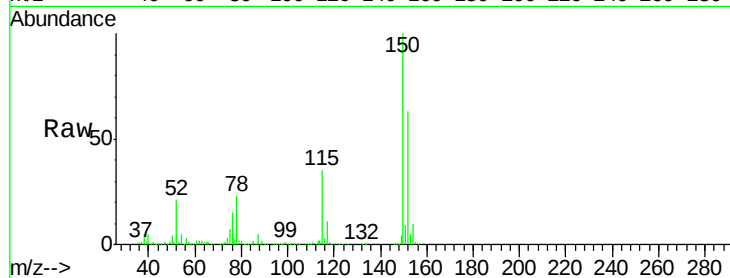
Tot Ion:152 Resp: 196009

Ion Ratio Lower Upper

152 100

115 56.7 42.3 126.8

150 156.7 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

