

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001887.D
 Acq On : 21 May 2018 19:34
 Operator : JC/MD
 Sample : J2986-06DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW320-180514DL

Quant Time: May 22 03:28:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

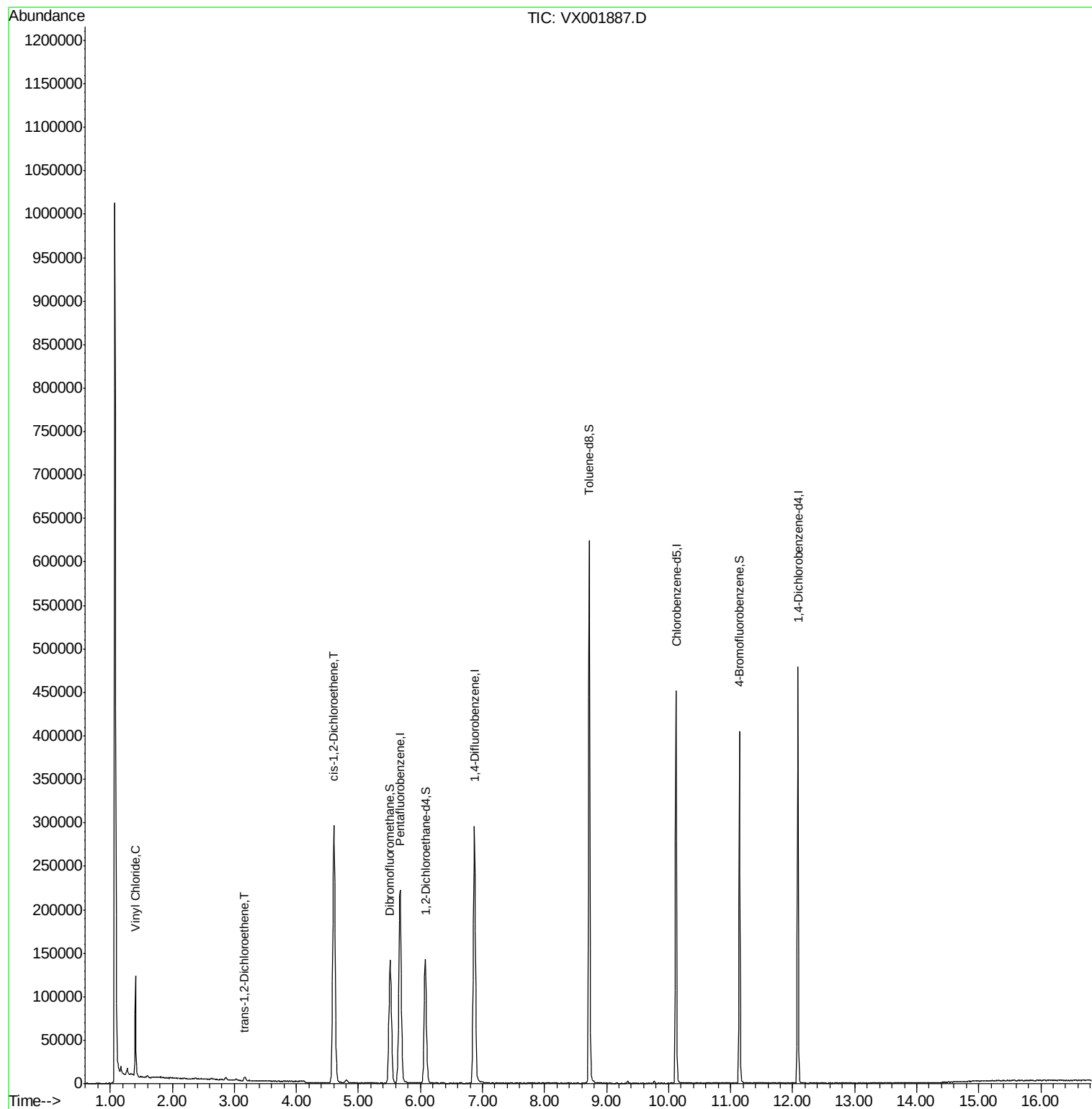
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	229047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	131741	40.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.52%	
35) Dibromofluoromethane	5.51	113	118148	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
50) Toluene-d8	8.72	98	360267	37.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.34%	
62) 4-Bromofluorobenzene	11.14	95	99940	29.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.06%	
Target Compounds						
4) Vinyl Chloride	1.40	62	72586	25.686	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	1515	0.577	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	197439	66.088	ug/l	89

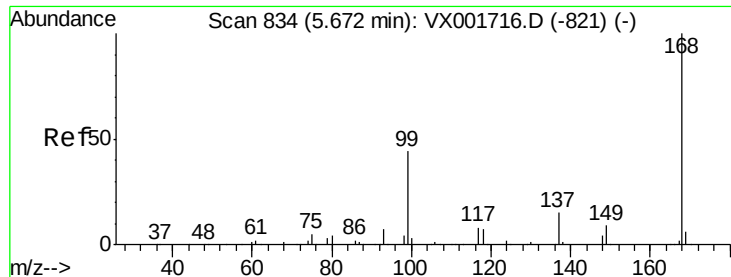
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

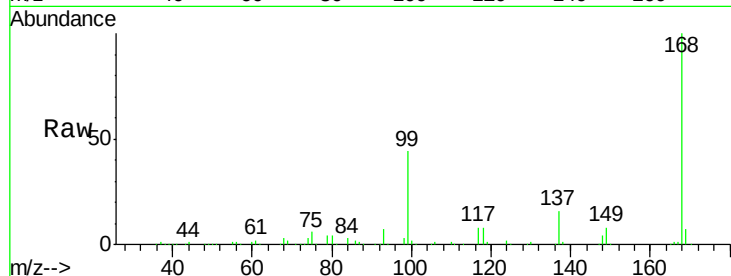
SS040MW320-180514DL

Tot Ion:168 Resp: 241124

Ion Ratio Lower Upper

168 100

99 43.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

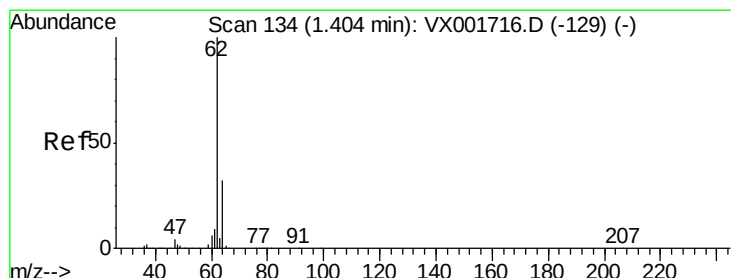
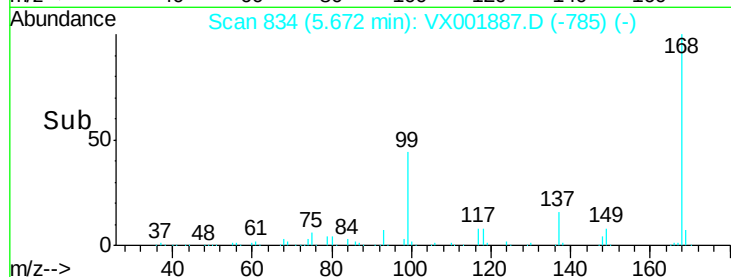
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 25.686 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001887.D

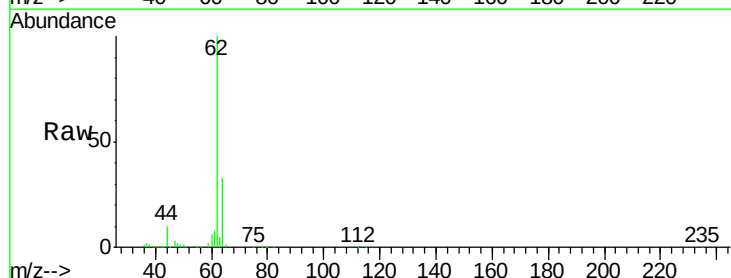
Acq: 21 May 2018 19:34

Tgt Ion: 62 Resp: 72586

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

80000

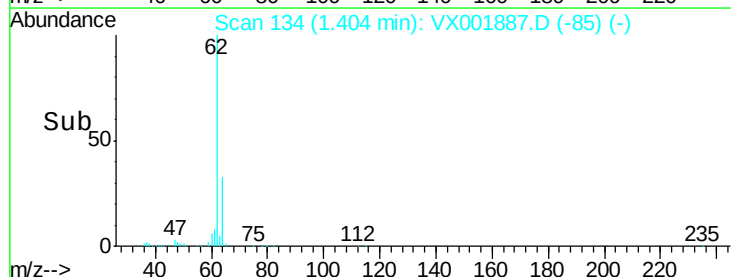
60000

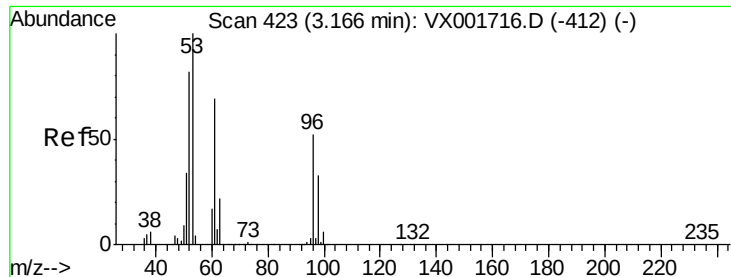
40000

20000

0

Time--> 1.40 1.50





#21

trans-1,2-Dichloroethene

Concen: 0.577 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001887.D

Acq: 21 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW320-180514DL

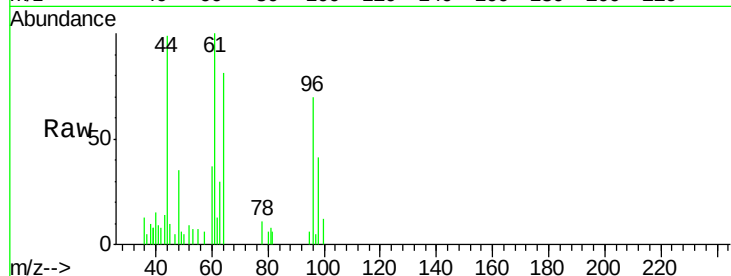
Tot Ion: 96 Resp: 1515

Ion Ratio Lower Upper

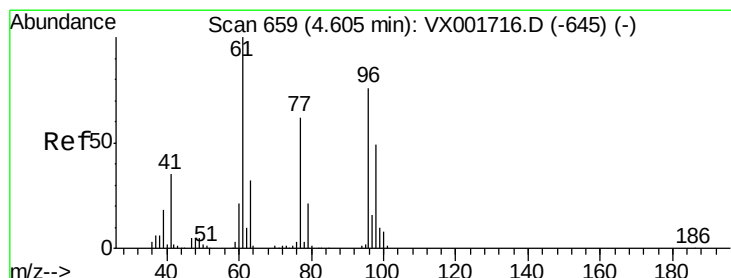
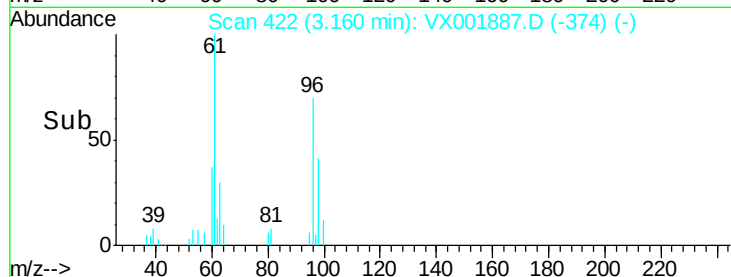
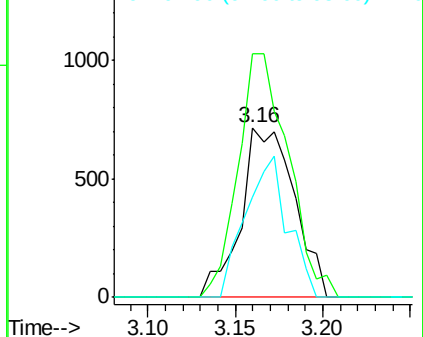
96 100

61 143.6 105.8 158.8

98 59.3 50.2 75.4



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



#27

cis-1,2-Dichloroethene

Concen: 66.088 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001887.D

Acq: 21 May 2018 19:34

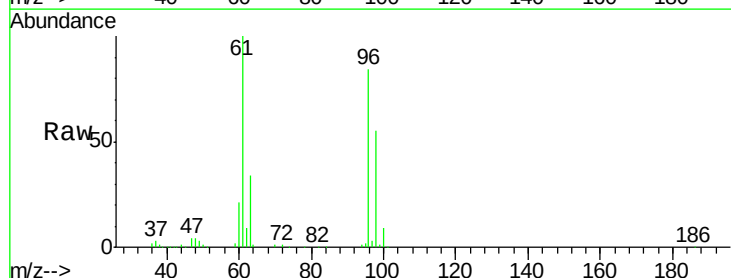
Tgt Ion: 96 Resp: 197439

Ion Ratio Lower Upper

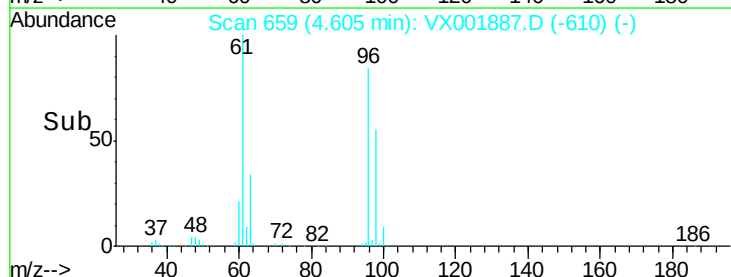
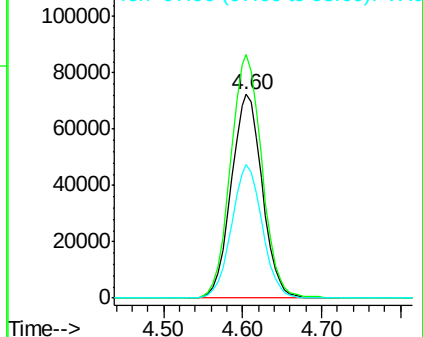
96 100

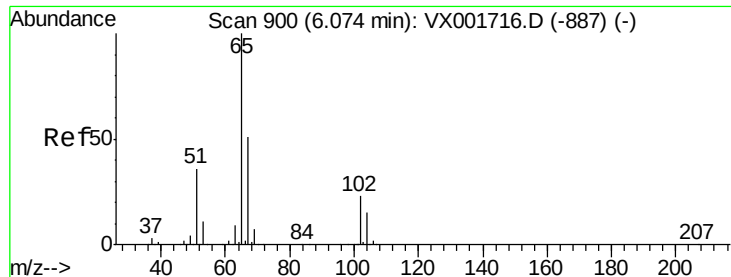
61 121.2 0.0 280.4

98 64.8 0.0 128.4



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

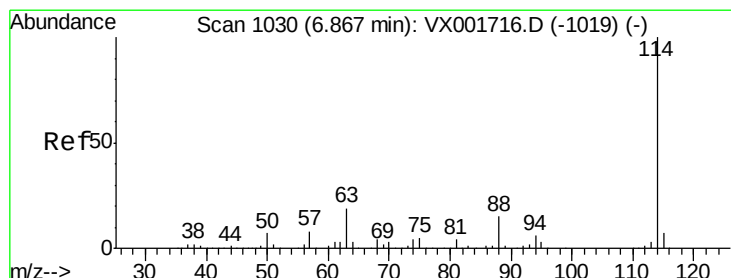
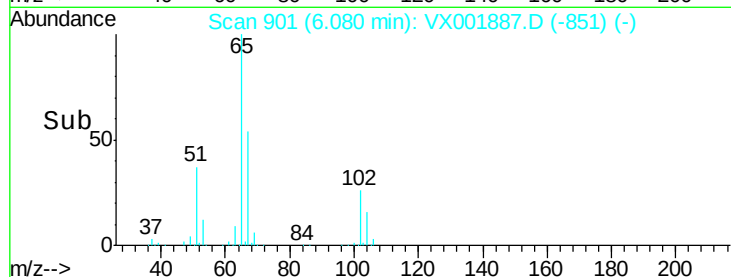
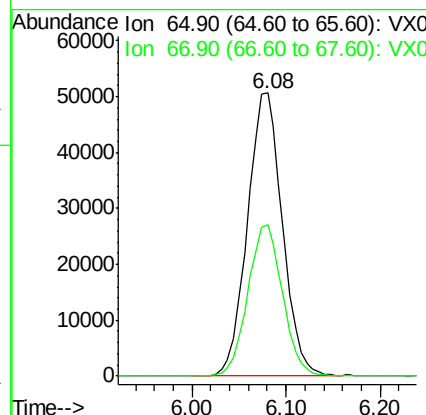
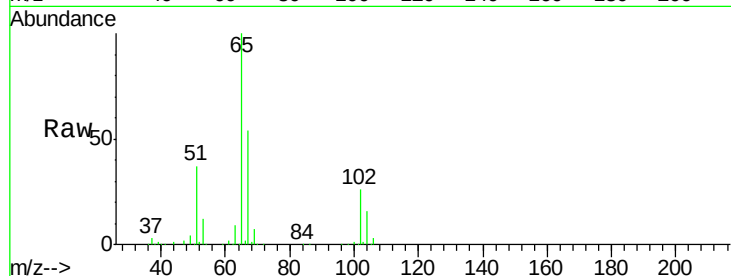




#33
 1,2-Dichloroethane-d4
 Concen: 40.762 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001887.D
 Acq: 21 May 2018 19:34

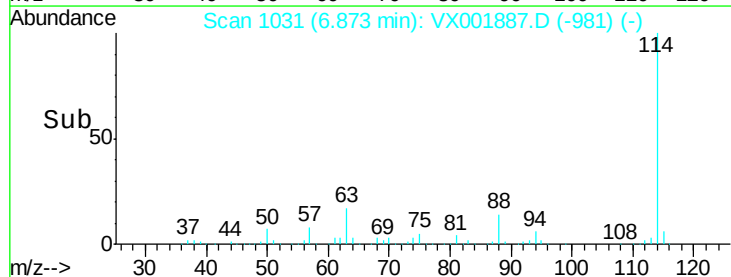
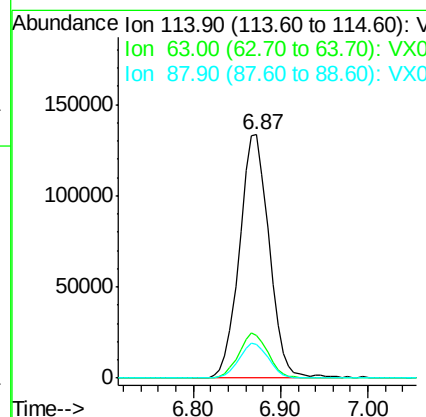
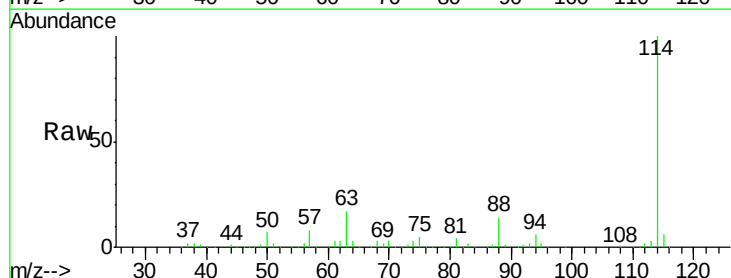
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW320-180514DL

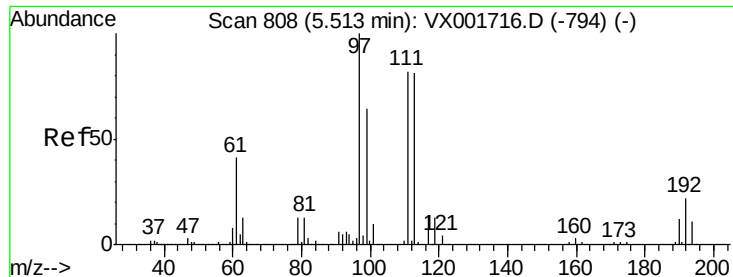
Tot Ion: 65 Resp: 131741
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001887.D
 Acq: 21 May 2018 19:34

Tgt Ion: 114 Resp: 316402
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 37.0
 88 13.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 44.248 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001887.D

Acq: 21 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW320-180514DL

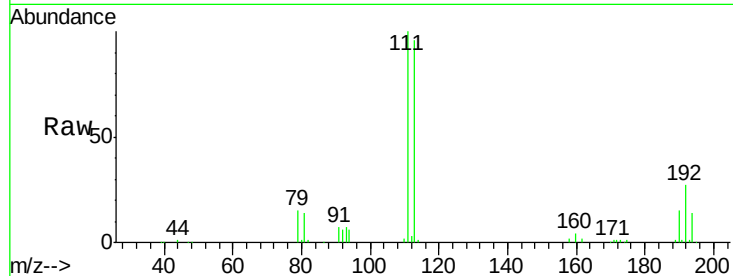
Tot Ion:113 Resp: 118148

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

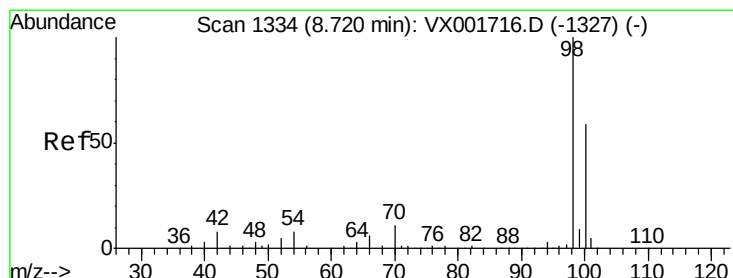
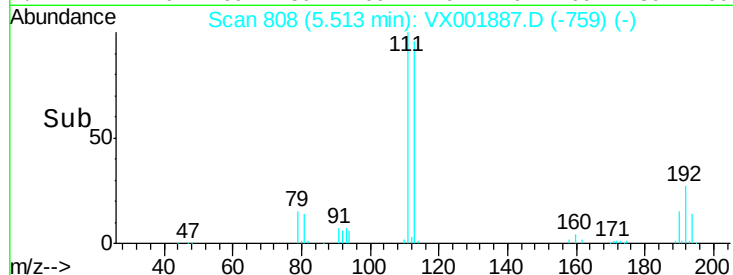
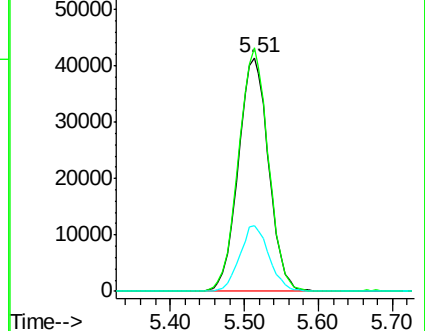
192 27.2 21.6 32.4



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



#50

Toluene-d8

Concen: 37.673 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001887.D

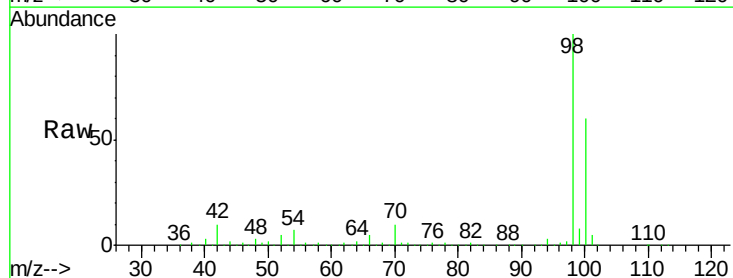
Acq: 21 May 2018 19:34

Tgt Ion: 98 Resp: 360267

Ion Ratio Lower Upper

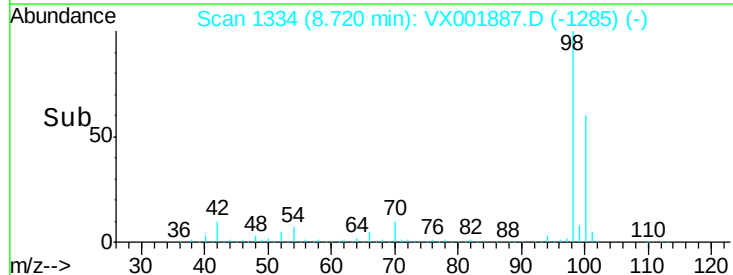
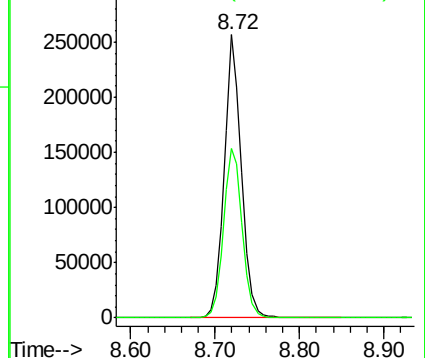
98 100

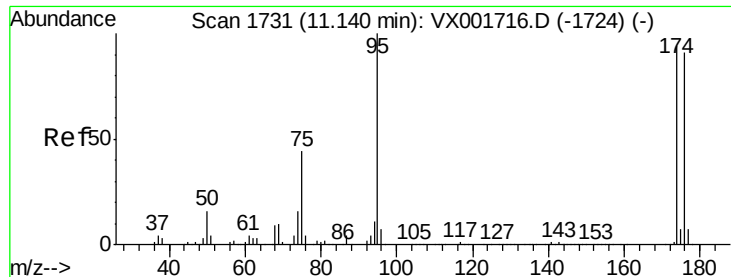
100 65.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 29.025 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001887.D

Acq: 21 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW320-180514DL

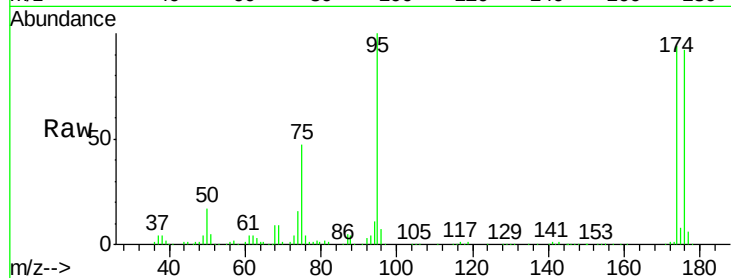
Tot Ion: 95 Resp: 99940

Ion Ratio Lower Upper

95 100

174 104.7 0.0 201.8

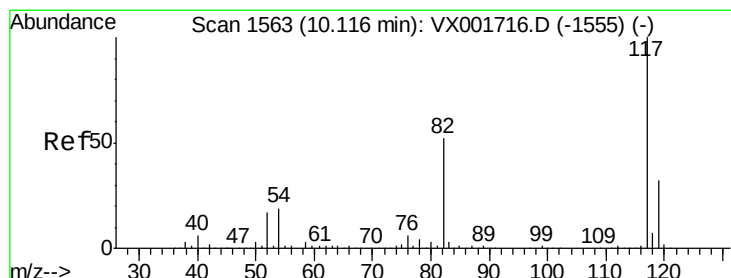
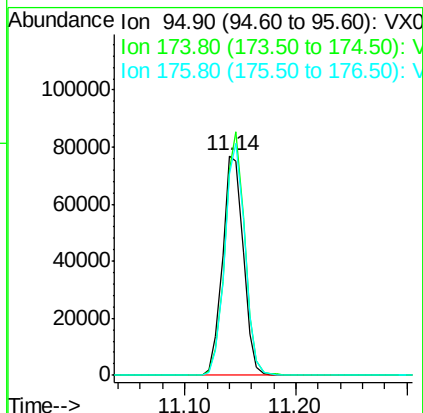
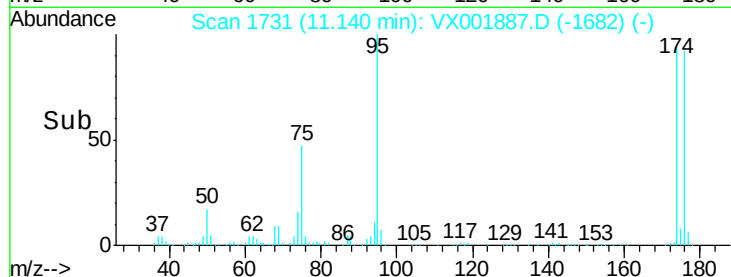
176 101.6 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001887.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001887.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001887.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001887.D

Acq: 21 May 2018 19:34

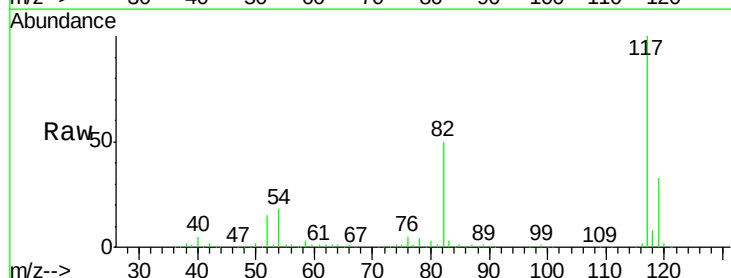
Tgt Ion: 117 Resp: 229047

Ion Ratio Lower Upper

117 100

82 49.9 41.4 62.2

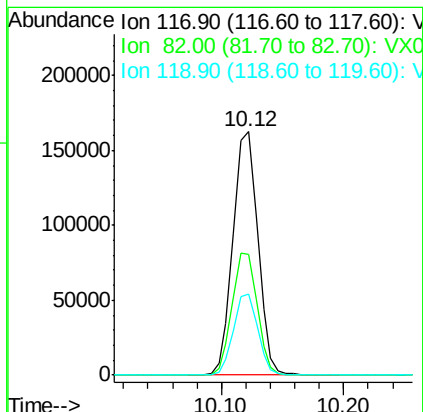
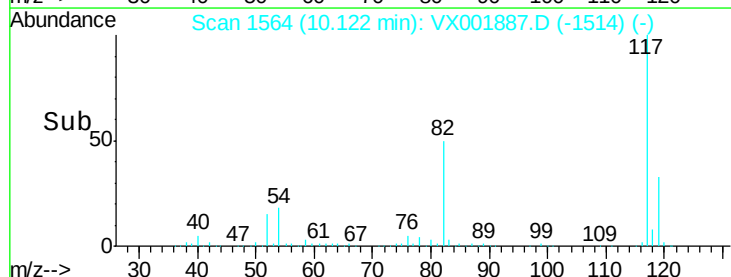
119 33.0 25.6 38.4

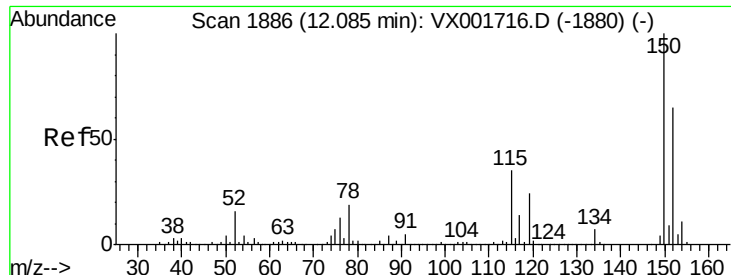


Abundance Ion 116.90 (116.60 to 117.60): VX001887.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001887.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001887.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001887.D

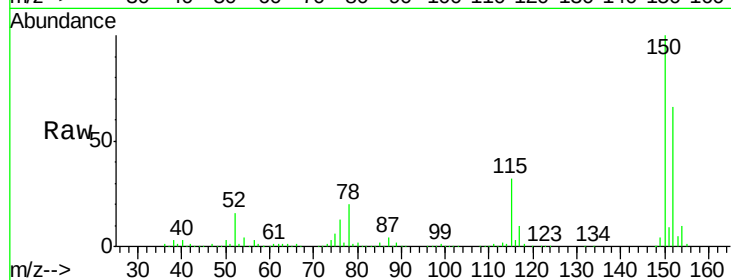
Acq: 21 May 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW320-180514DL



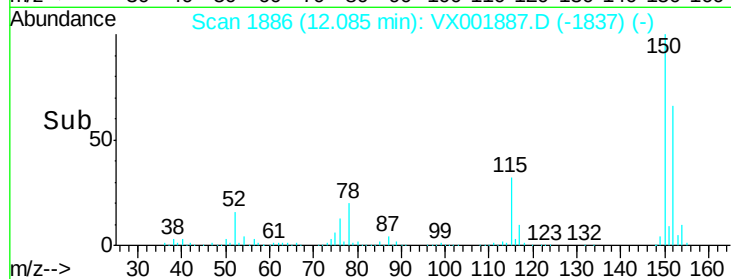
Tot Ion:152 Resp: 107190

Ion Ratio Lower Upper

152 100

115 51.0 37.4 112.2

150 153.5 0.0 344.8



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

