

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009289.D
 Acq On : 02 May 2019 21:33
 Operator : JC/SP
 Sample : K2660-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW186-190429

Quant Time: May 03 12:16:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

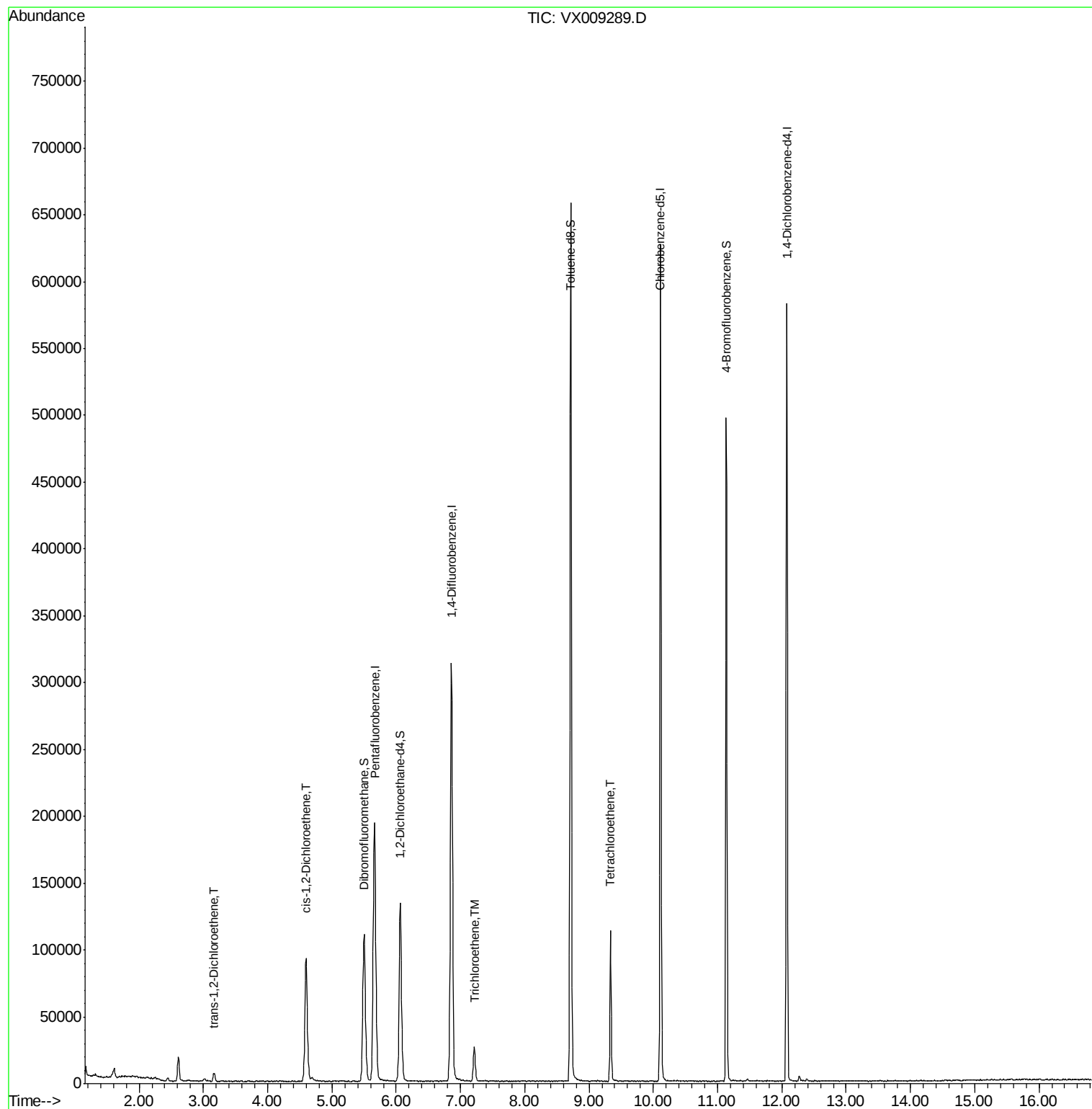
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127339	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	94733	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	388218	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	131046	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2287	1.166	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	57118	24.390	ug/l	90
44) Trichloroethene	7.21	130	10183	4.775	ug/l	96
64) Tetrachloroethene	9.34	164	21715	11.533	ug/l	98

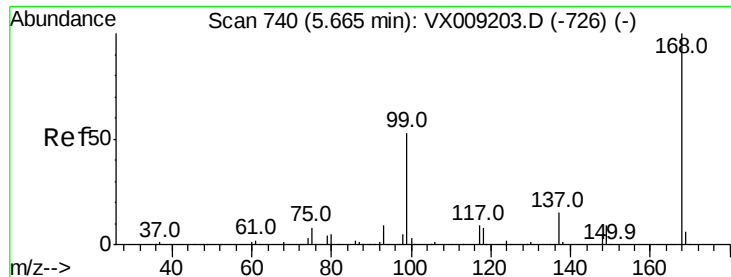
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009289.D

Acq: 02 May 2019 21:33

Instrument :

MSVOA_X

ClientSampleId :

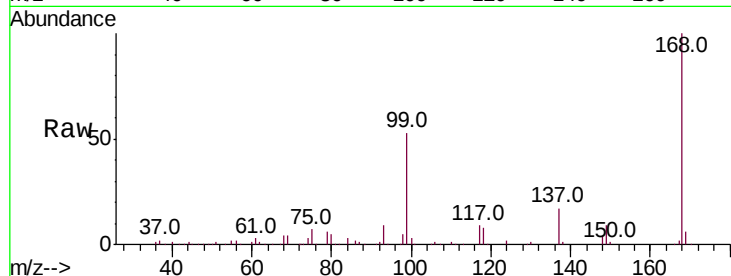
ST008MW186-190429

Tot Ion:168 Resp: 192814

Ion Ratio Lower Upper

168 100

99 52.7 42.3 63.5

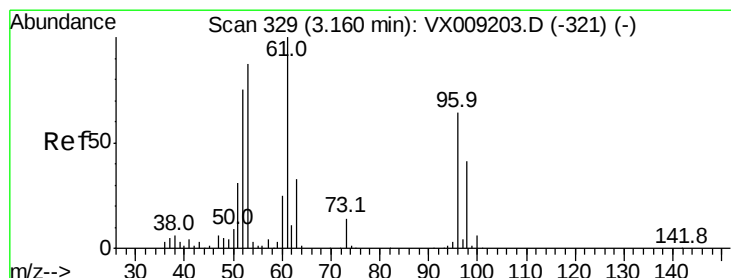
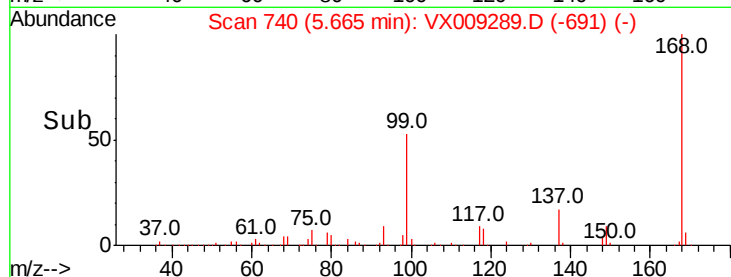


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.166 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009289.D

Acq: 02 May 2019 21:33

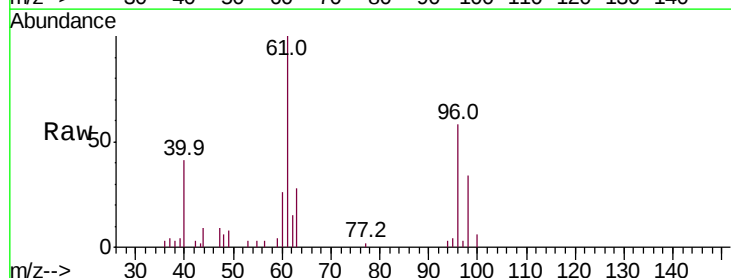
Tgt Ion: 96 Resp: 2287

Ion Ratio Lower Upper

96 100

61 172.1 124.5 186.7

98 59.3 50.4 75.6



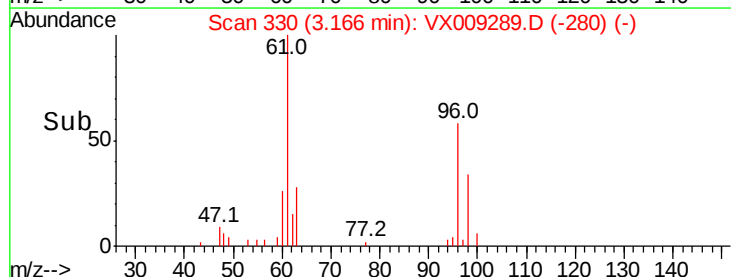
Abundance Ion 95.90 (95.60 to 96.60): VX0

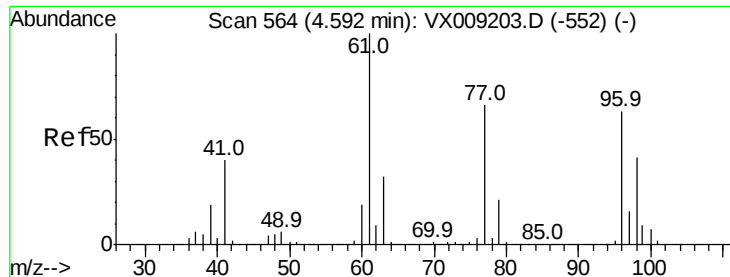
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.17

Time-->



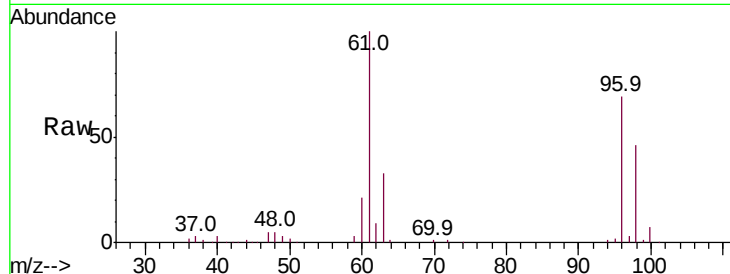


#27

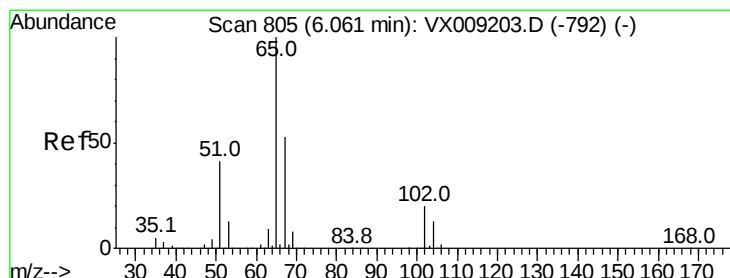
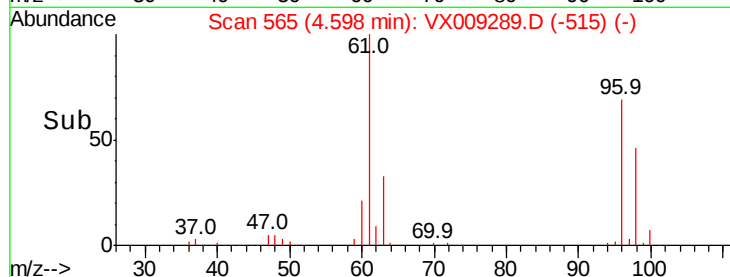
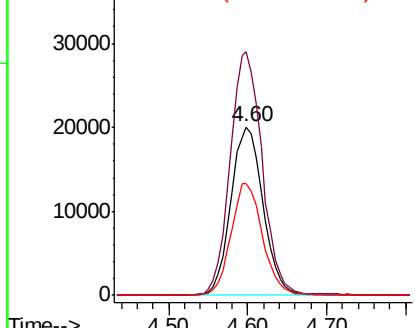
cis-1,2-Dichloroethene
 Concen: 24.390 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009289.D
 Acq: 02 May 2019 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW186-190429

Tot Ion: 96 Resp: 57118
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 324.0
 98 64.8 0.0 130.4



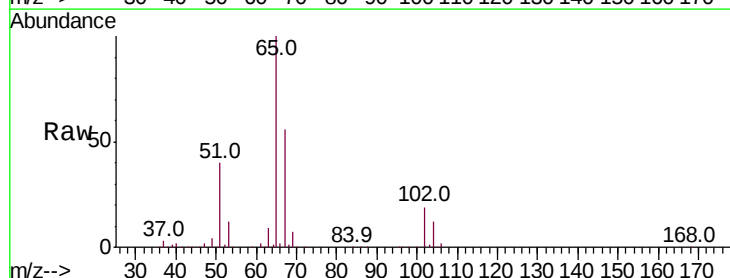
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



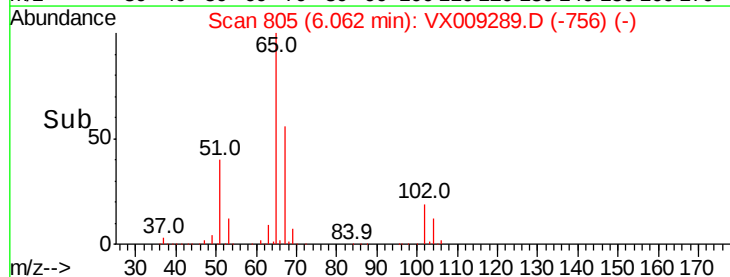
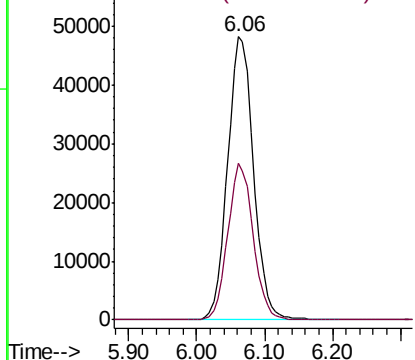
#33

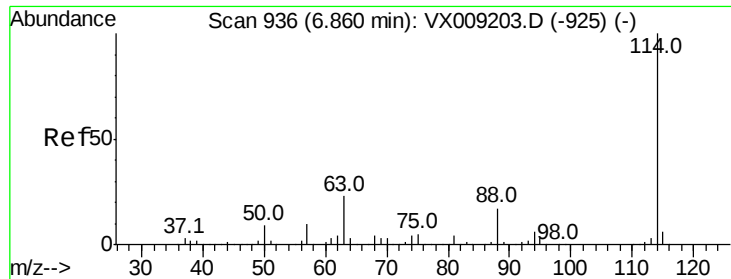
1,2-Dichloroethane-d4
 Concen: 48.379 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009289.D
 Acq: 02 May 2019 21:33

Tgt Ion: 65 Resp: 127339
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

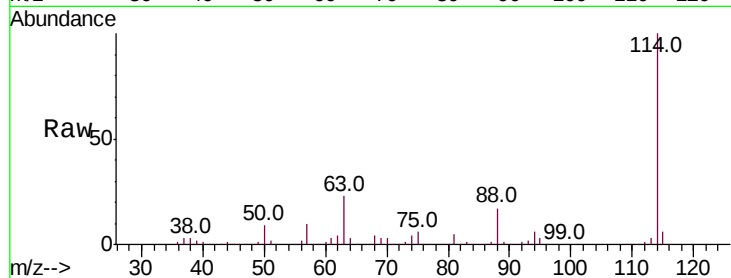




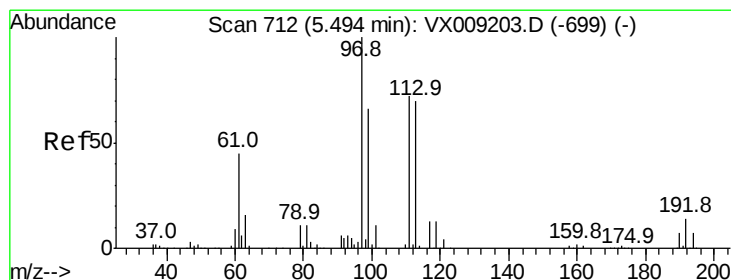
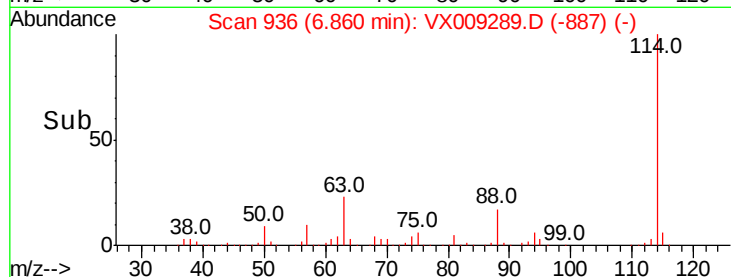
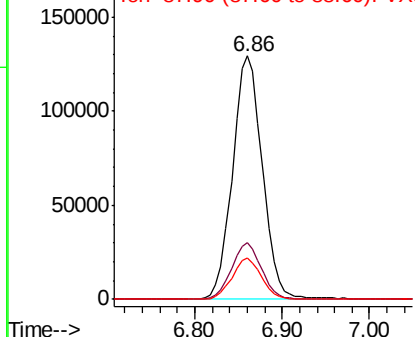
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009289.D
Acq: 02 May 2019 21:33

Instrument :
MSVOA_X
ClientSampleId :
ST008MW186-190429

Tot Ion:114 Resp: 306705
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.6
88 17.0 0.0 33.2

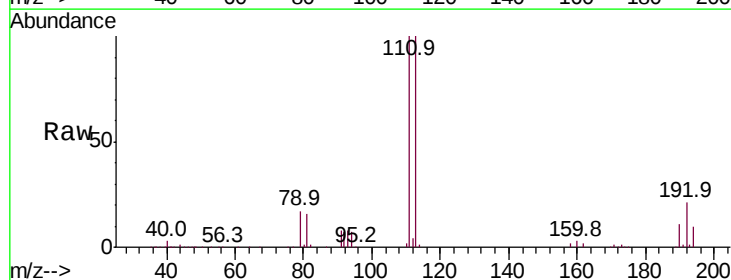


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

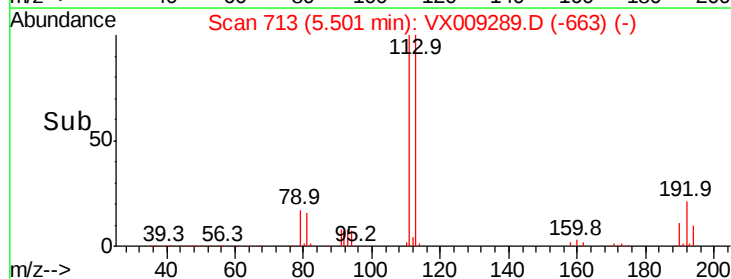
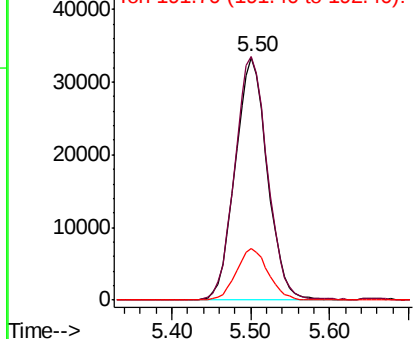


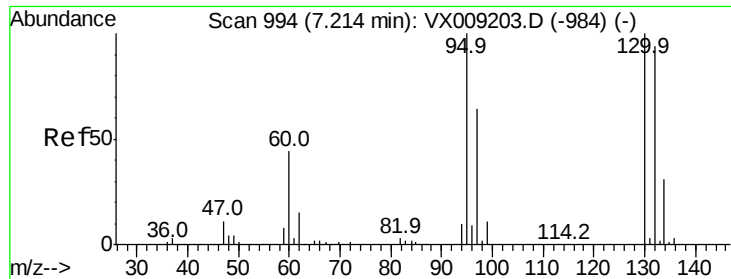
#35
Dibromofluoromethane
Concen: 49.134 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009289.D
Acq: 02 May 2019 21:33

Tgt Ion:113 Resp: 94733
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 21.1 17.0 25.6



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

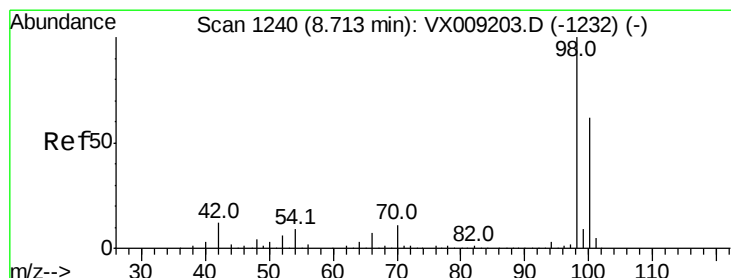
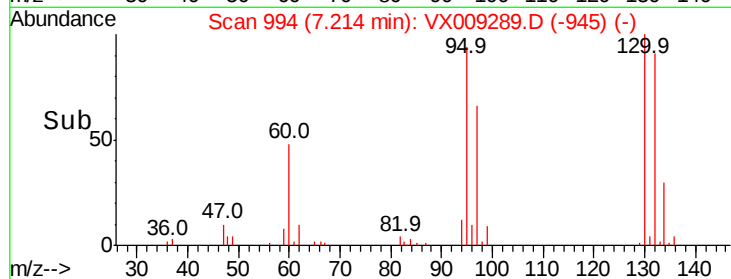
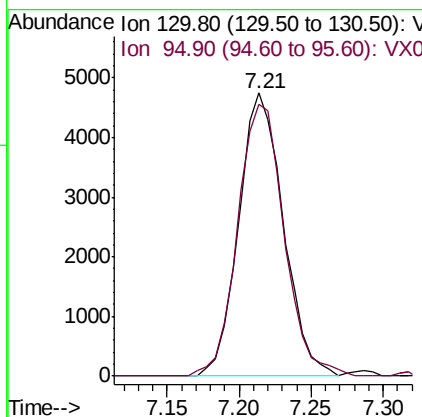
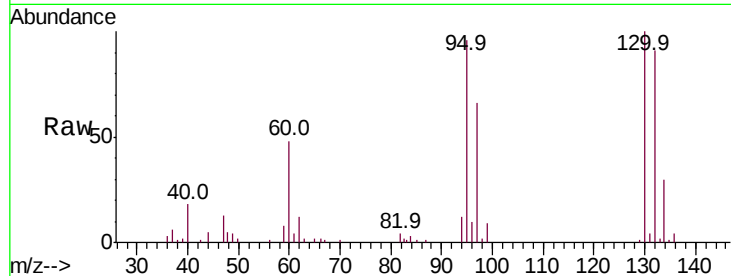




#44
 Trichloroethene
 Concen: 4.775 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009289.D
 Acq: 02 May 2019 21:33

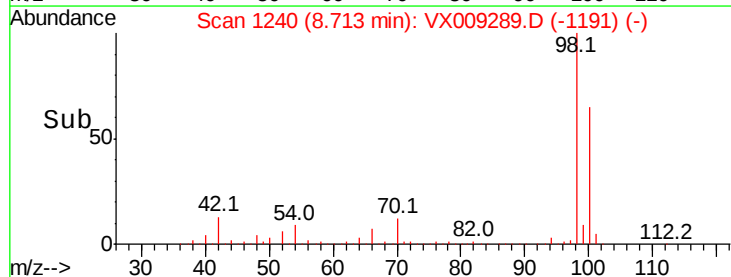
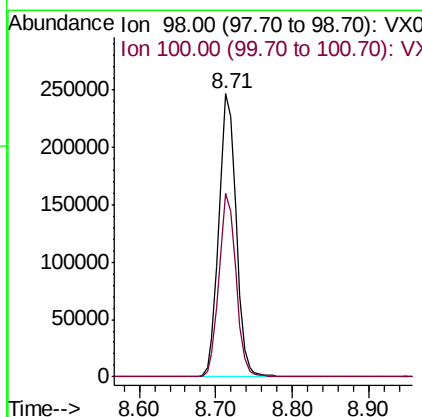
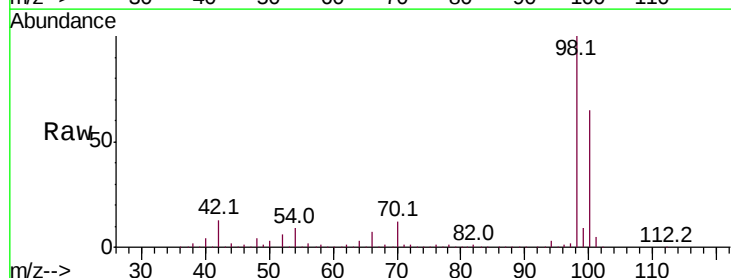
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW186-190429

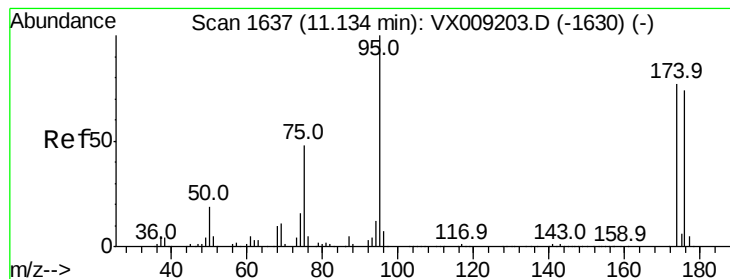
Tot Ion:130 Resp: 10183
 Ion Ratio Lower Upper
 130 100
 95 95.9 0.0 199.2



#50
 Toluene-d8
 Concen: 49.873 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009289.D
 Acq: 02 May 2019 21:33

Tgt Ion: 98 Resp: 388218
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 46.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009289.D

Acq: 02 May 2019 21:33

Instrument :

MSVOA_X

ClientSampleId :

ST008MW186-190429

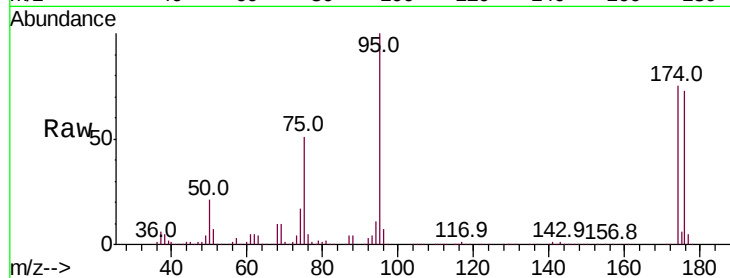
Tot Ion: 95 Resp: 131046

Ion Ratio Lower Upper

95 100

174 80.2 0.0 161.6

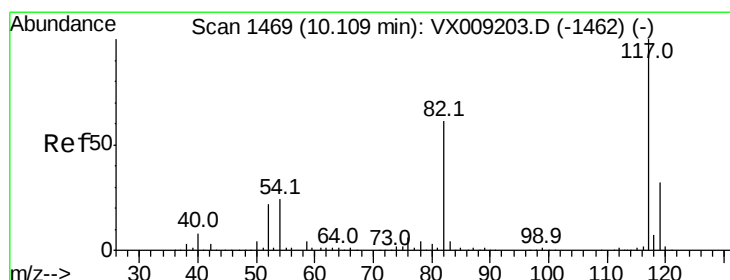
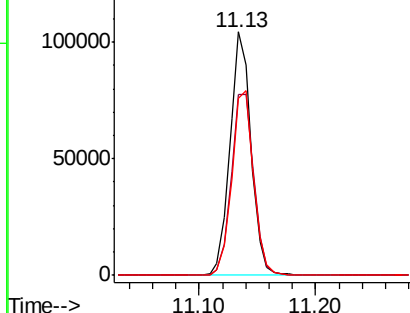
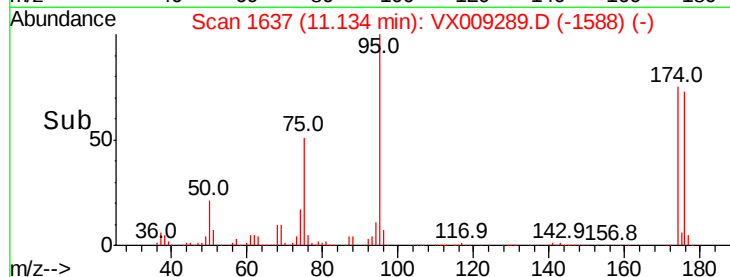
176 78.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009289.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009289.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009289.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009289.D

Acq: 02 May 2019 21:33

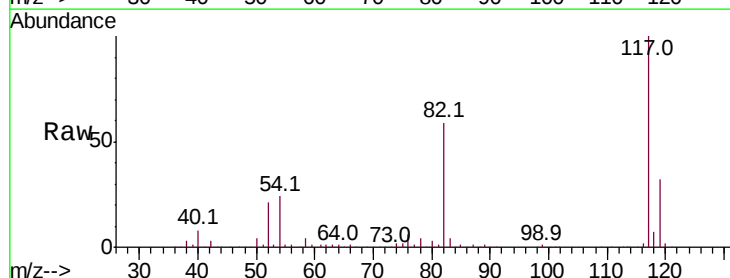
Tgt Ion: 117 Resp: 274475

Ion Ratio Lower Upper

117 100

82 59.1 48.8 73.2

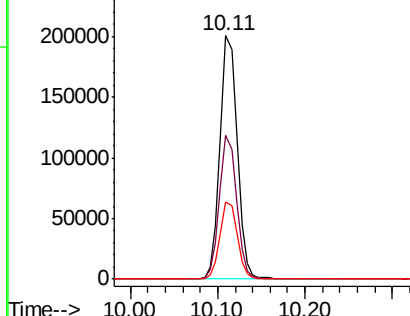
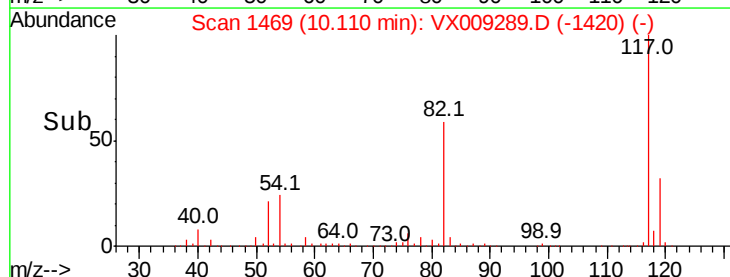
119 31.8 25.8 38.6

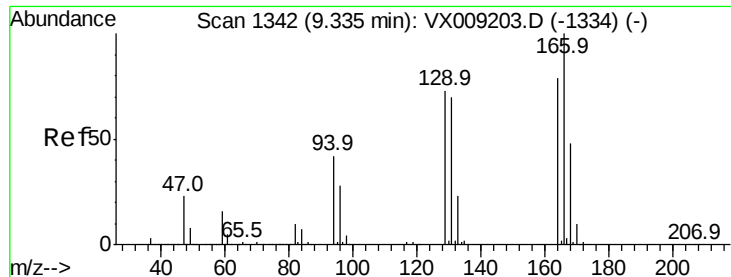


Abundance Ion 116.90 (116.60 to 117.60): VX009289.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009289.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009289.D (-1420) (-)

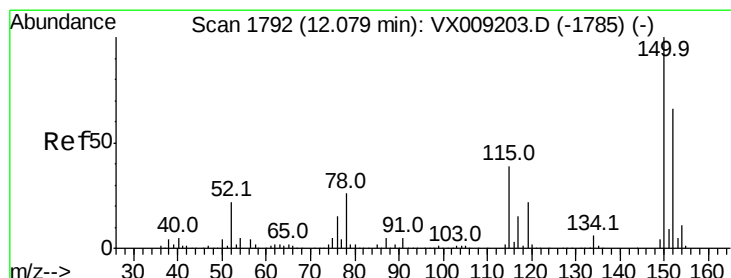
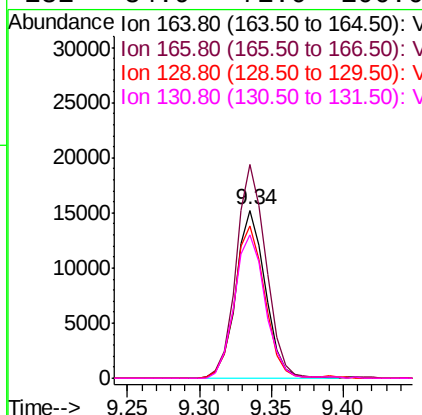
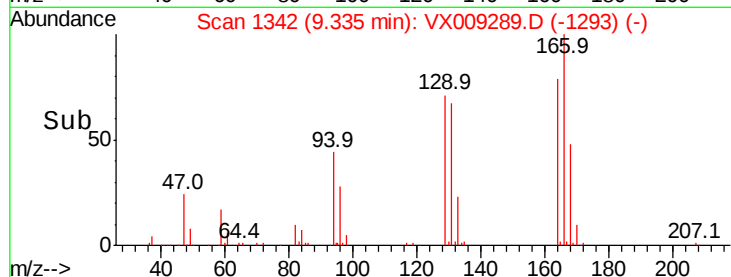
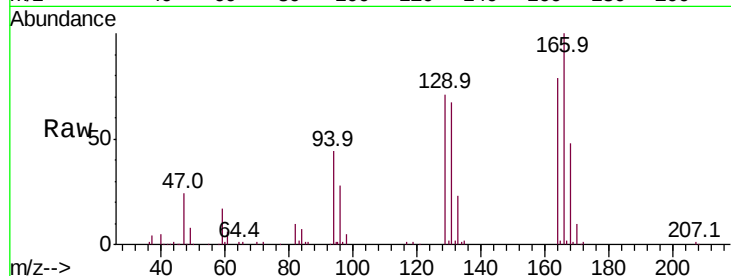




#64
Tetrachloroethene
Concen: 11.533 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009289.D
Acq: 02 May 2019 21:33

Instrument :
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ClientSampleId :
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Tot Ion:164 Resp: 21715
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 90.3 74.3 111.5
131 84.9 71.0 106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009289.D
Acq: 02 May 2019 21:33

Tgt Ion:152 Resp: 118936
Ion Ratio Lower Upper
152 100
115 58.9 41.2 123.6
150 156.1 0.0 346.4

