

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061119\
 Data File : VX010221.D
 Acq On : 11 Jun 2019 10:48
 Operator : JC/SP
 Sample : K3255-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190604

Quant Time: Jun 12 09:14:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

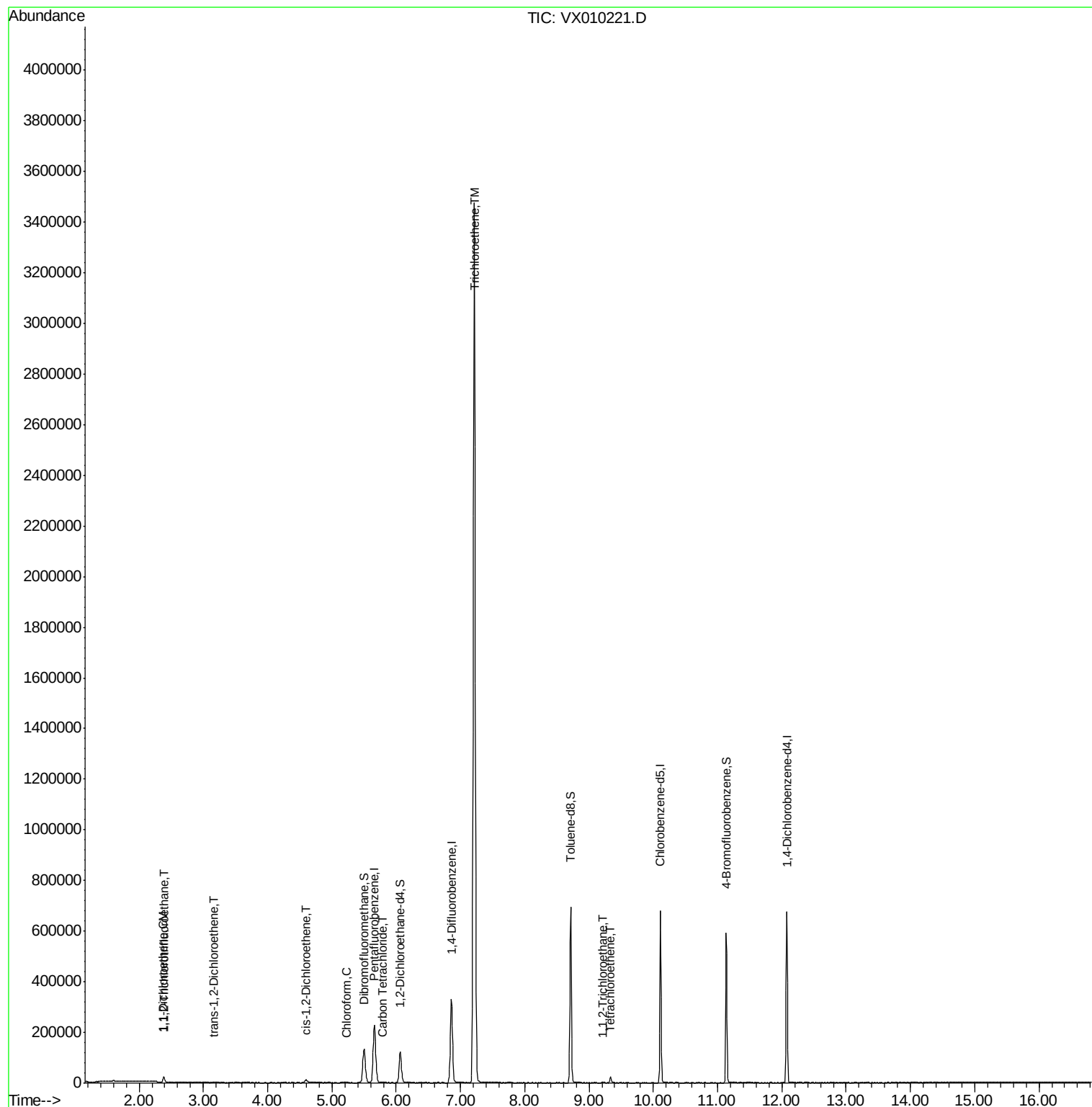
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109375	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	5.50	113	112583	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	437007	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	147991	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7231	3.378	ug/l	90
12) 1,1-Dichloroethene	2.37	96	2151	0.984	ug/l	83
21) trans-1,2-Dichloroethene	3.17	96	1081	0.447	ug/l #	61
27) cis-1,2-Dichloroethene	4.60	96	7623	2.832	ug/l	69
30) Chloroform	5.21	83	1991	0.500	ug/l #	74
38) Carbon Tetrachloride	5.79	117	2089	0.611	ug/l #	79
44) Trichloroethene	7.21	130	1431115	508.657	ug/l	87
55) 1,1,2-Trichloroethane	9.21	97	755	0.300	ug/l #	78
64) Tetrachloroethene	9.34	164	5141	2.086	ug/l #	83

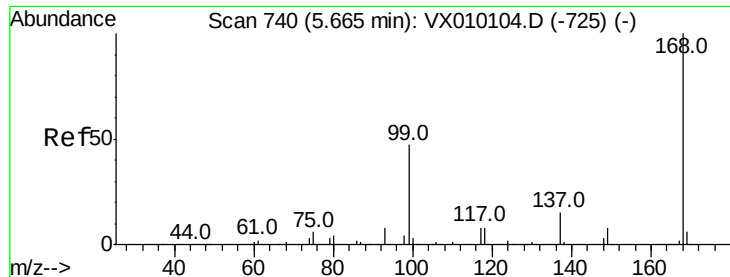
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010221.D

Acq: 11 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

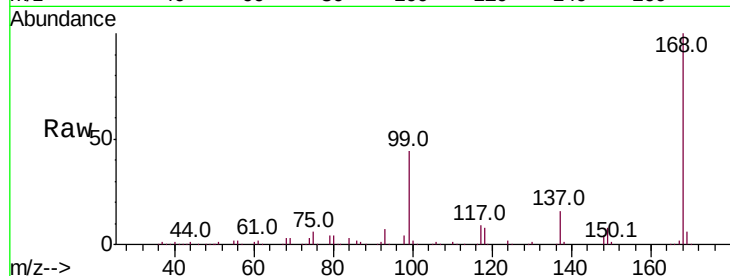
DUP01-20190604

Tot Ion:168 Resp: 243420

Ion Ratio Lower Upper

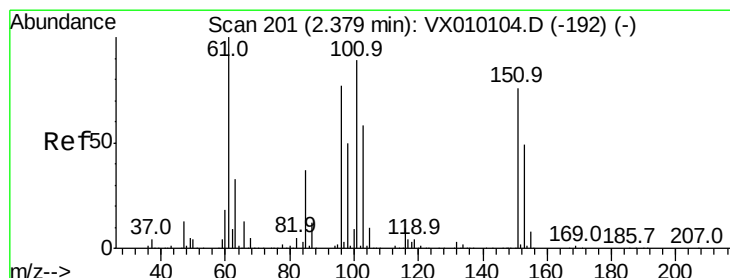
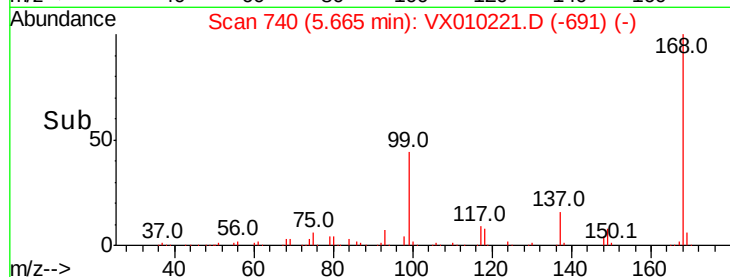
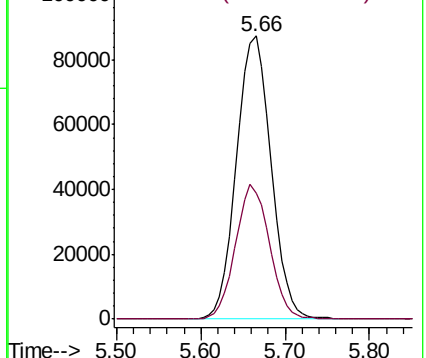
168 100

99 44.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.378 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010221.D

Acq: 11 Jun 2019 10:48

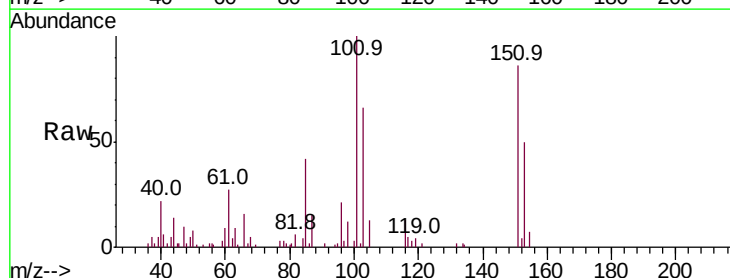
Tgt Ion:101 Resp: 7231

Ion Ratio Lower Upper

101 100

85 41.9 35.2 52.8

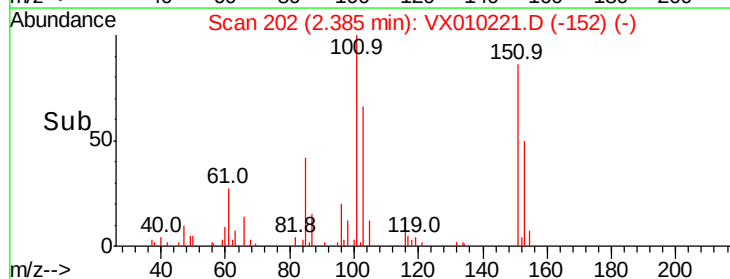
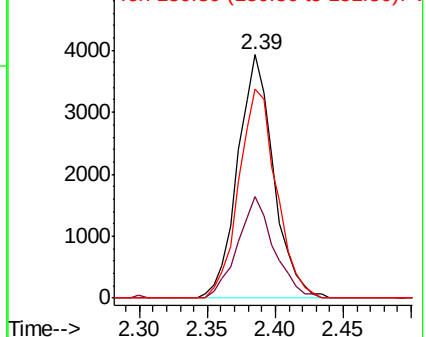
151 90.0 61.9 92.9

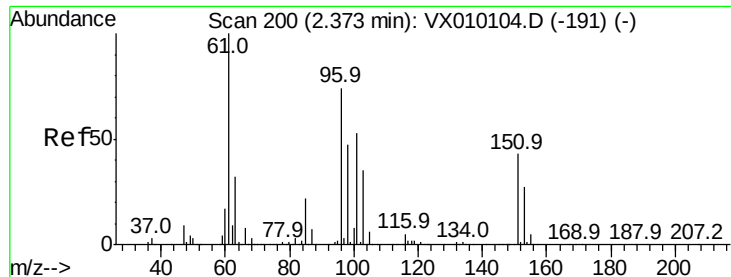


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.984 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010221.D

Acq: 11 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190604

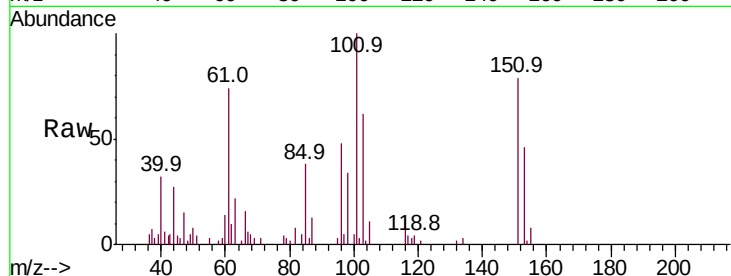
Tot Ion: 96 Resp: 2151

Ion Ratio Lower Upper

96 100

61 149.5 140.7 211.1

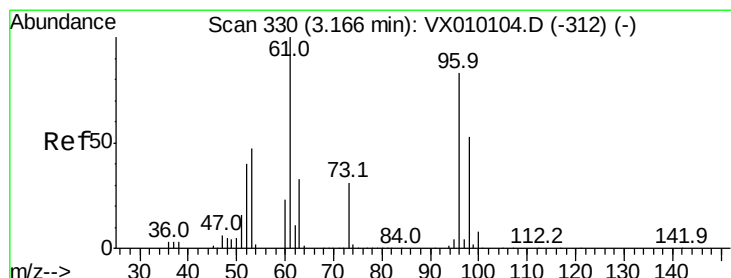
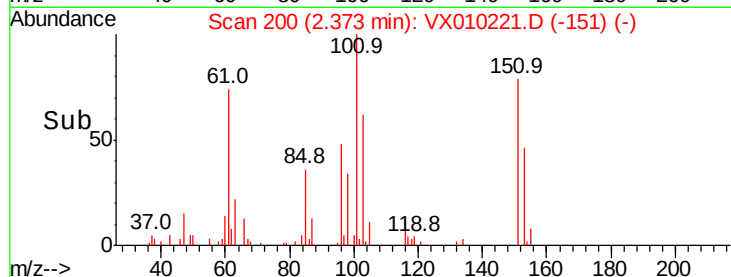
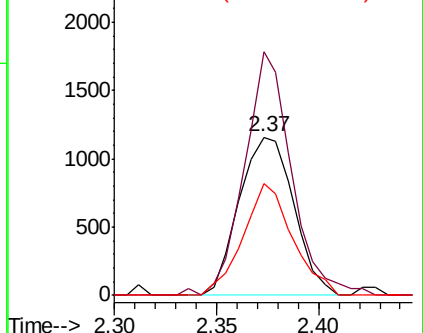
98 70.7 50.1 75.1



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



#21

trans-1,2-Dichloroethene

Concen: 0.447 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010221.D

Acq: 11 Jun 2019 10:48

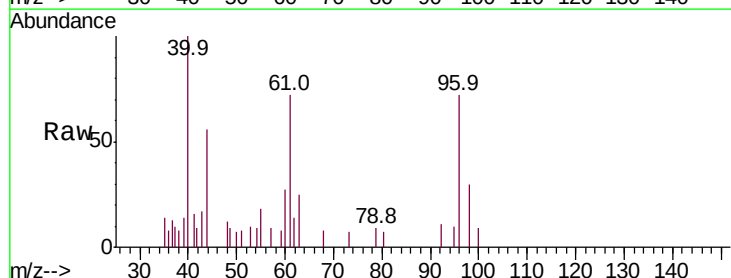
Tgt Ion: 96 Resp: 1081

Ion Ratio Lower Upper

96 100

61 99.6 125.7 188.5#

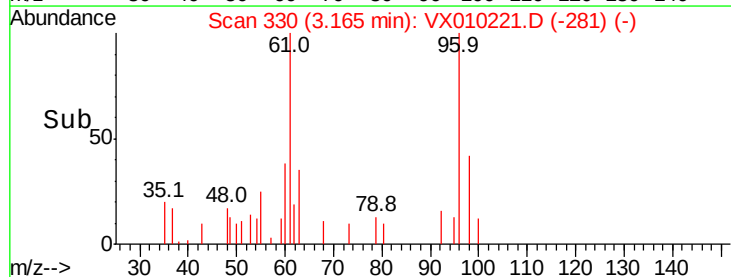
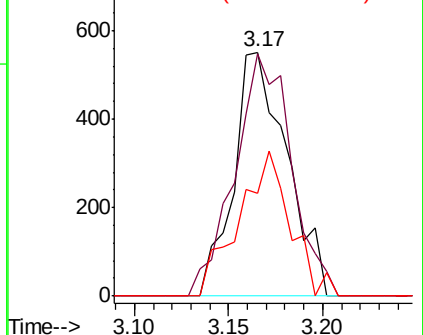
98 42.1 49.0 73.6#

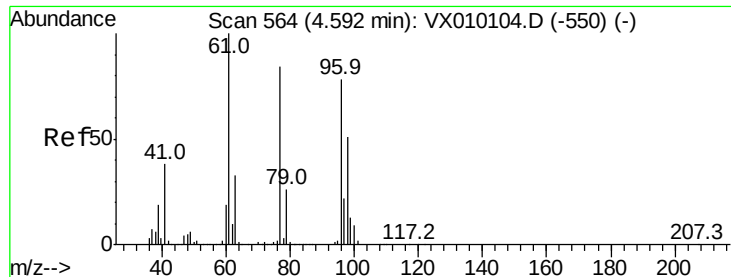


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 2.832 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010221.D

Acq: 11 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190604

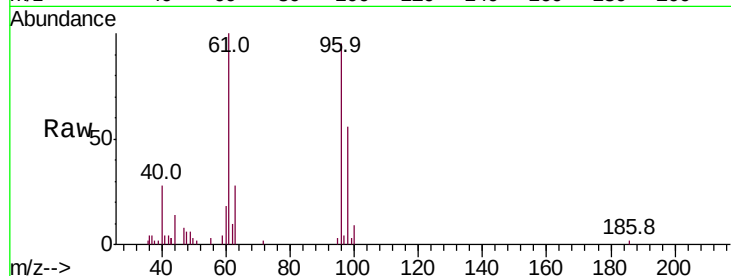
Tot Ion: 96 Resp: 7623

Ion Ratio Lower Upper

96 100

61 110.5 0.0 334.0

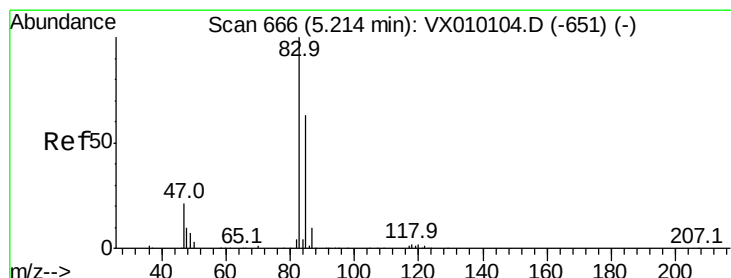
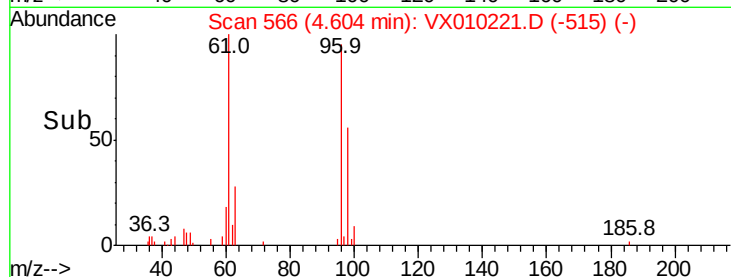
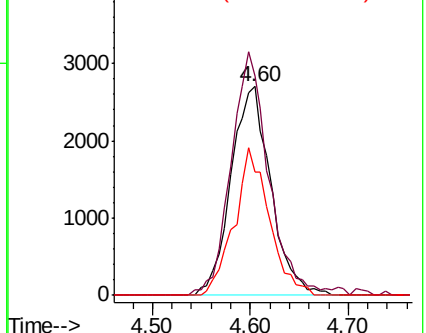
98 62.0 0.0 131.6



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



#30

Chloroform

Concen: 0.500 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010221.D

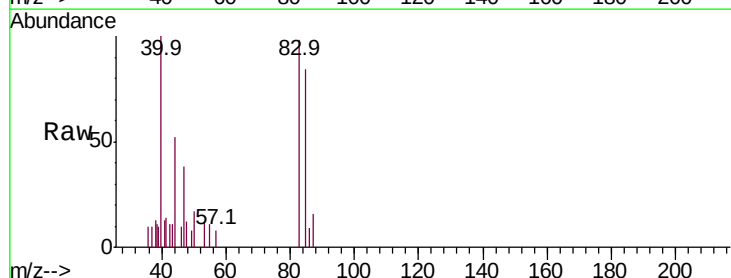
Acq: 11 Jun 2019 10:48

Tgt Ion: 83 Resp: 1991

Ion Ratio Lower Upper

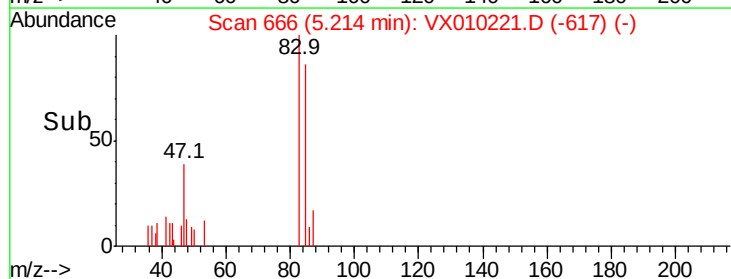
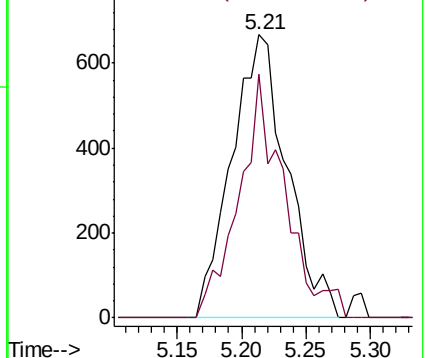
83 100

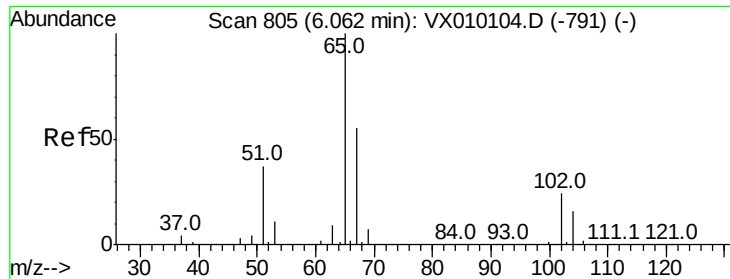
85 86.2 52.6 78.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

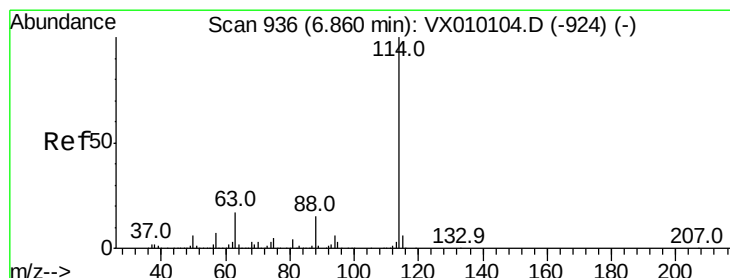
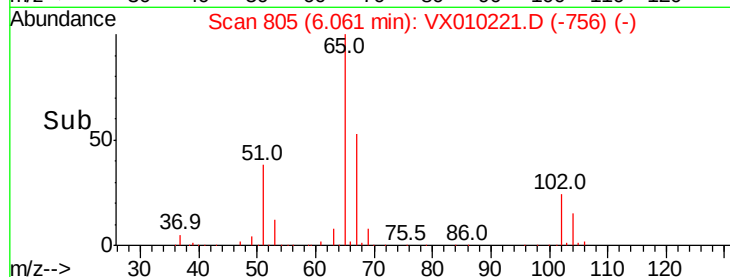
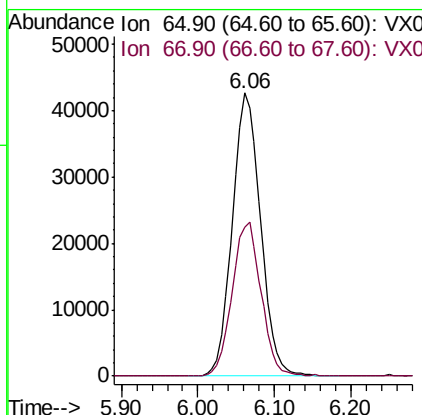
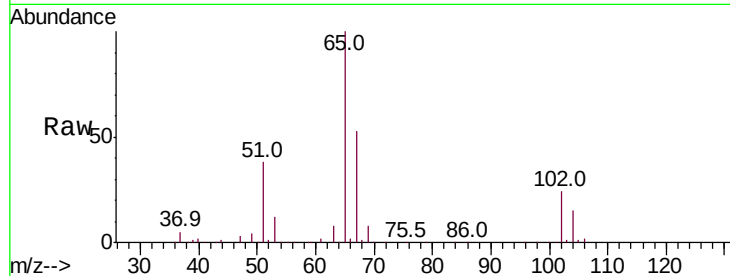




#33
 1,2-Dichloroethane-d4
 Concen: 46.032 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010221.D
 Acq: 11 Jun 2019 10:48

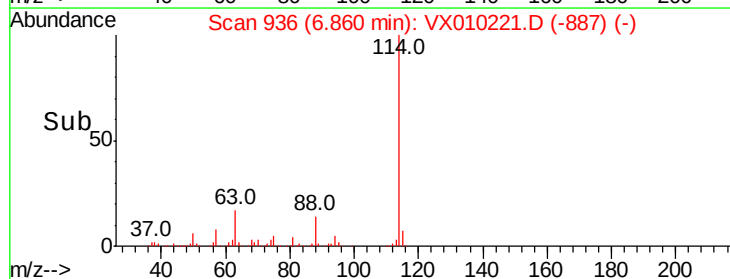
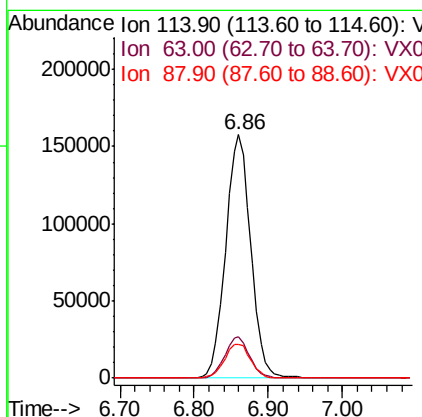
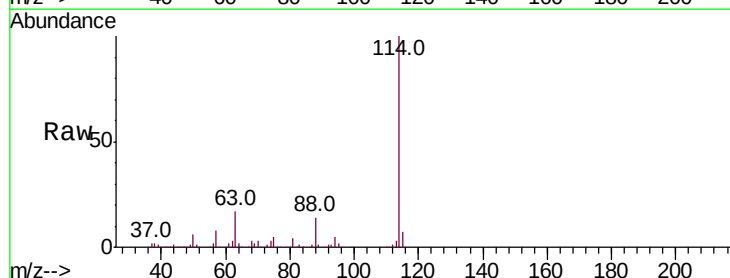
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190604

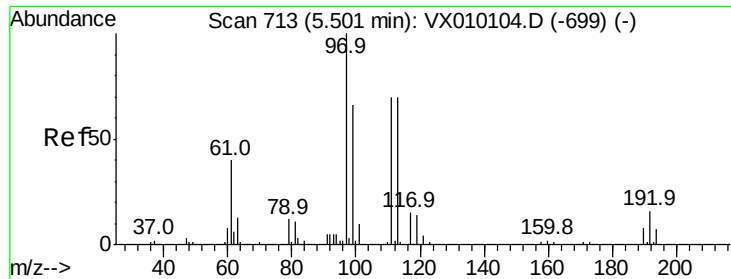
Tot Ion: 65 Resp: 109375
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010221.D
 Acq: 11 Jun 2019 10:48

Tgt Ion:114 Resp: 369989
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 47.4
 88 14.0 0.0 33.0

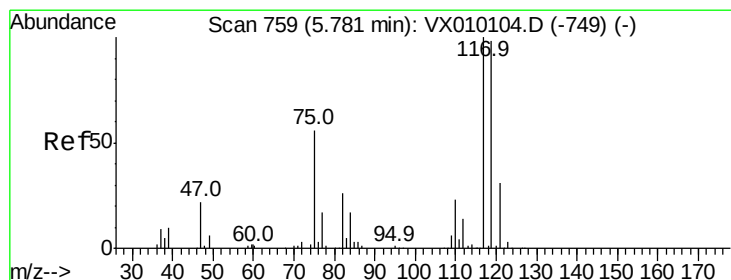
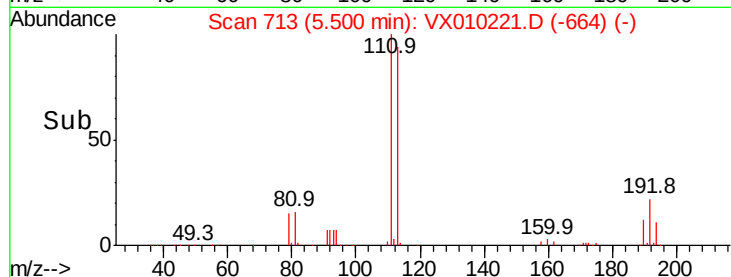
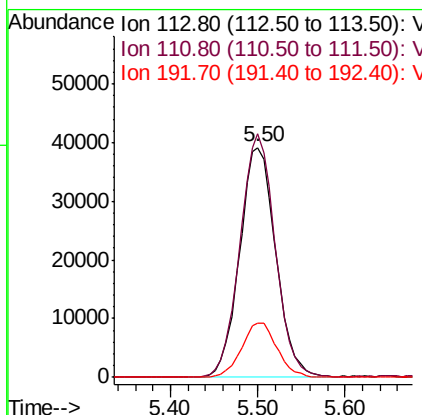
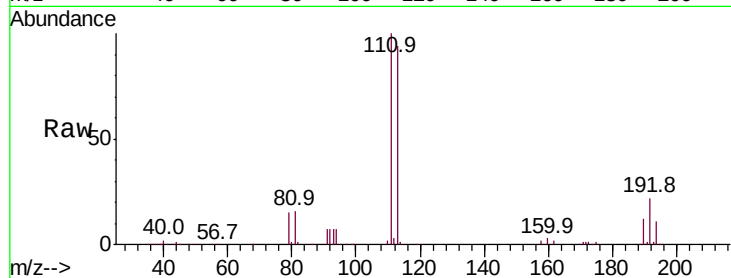




#35
Dibromofluoromethane
Concen: 49.331 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010221.D
Acq: 11 Jun 2019 10:48

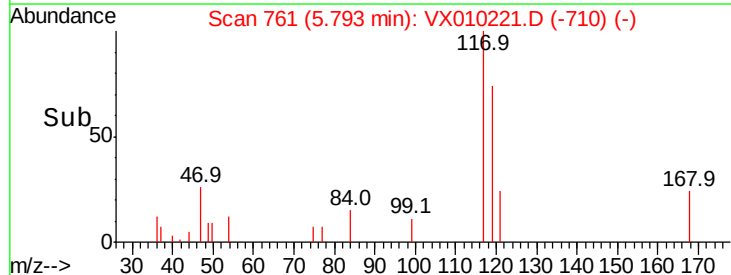
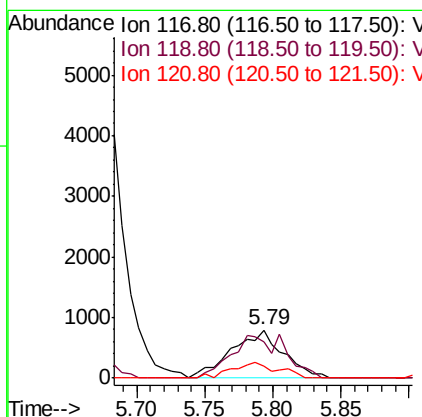
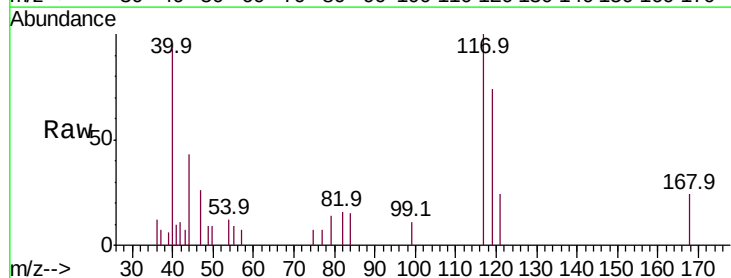
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190604

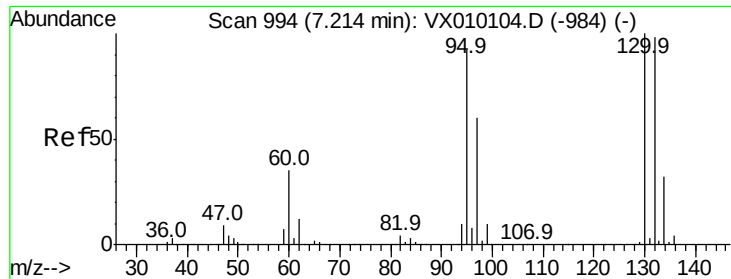
Tot Ion:113 Resp: 112583
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 23.3 17.1 25.7



#38
Carbon Tetrachloride
Concen: 0.611 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX010221.D
Acq: 11 Jun 2019 10:48

Tgt Ion:117 Resp: 2089
Ion Ratio Lower Upper
117 100
119 73.9 77.3 115.9#
121 24.4 25.4 38.0#

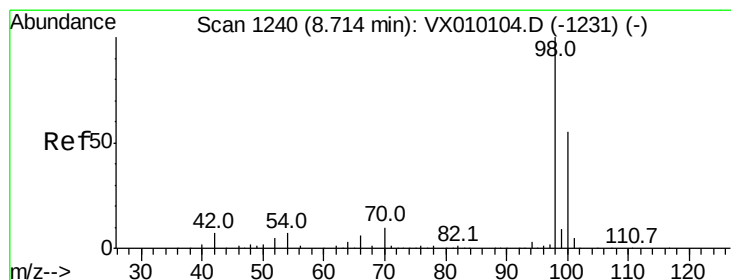
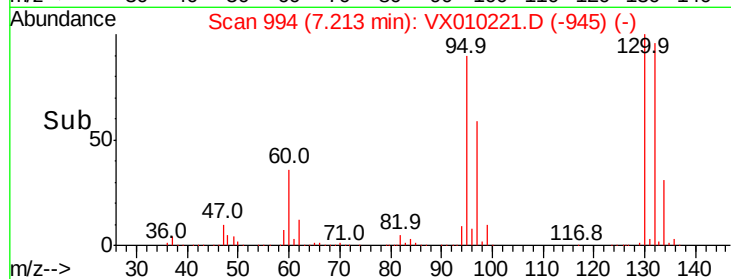
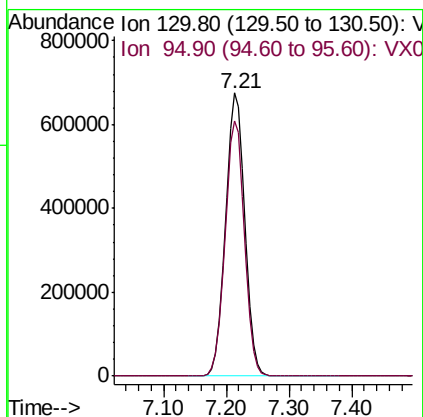
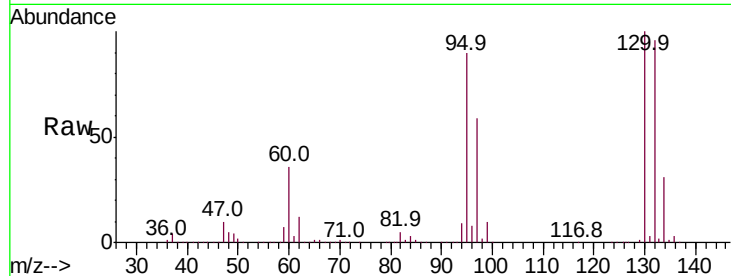




#44
 Trichloroethene
 Concen: 508.657 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010221.D
 Acq: 11 Jun 2019 10:48

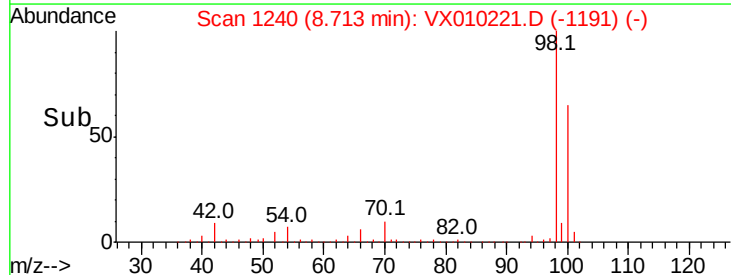
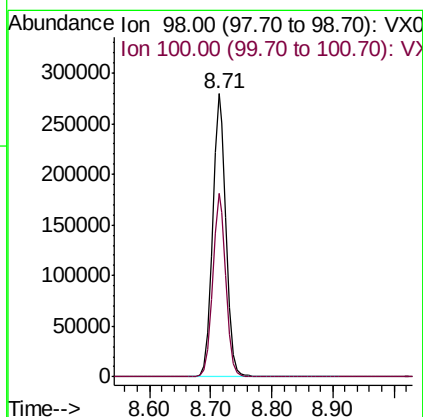
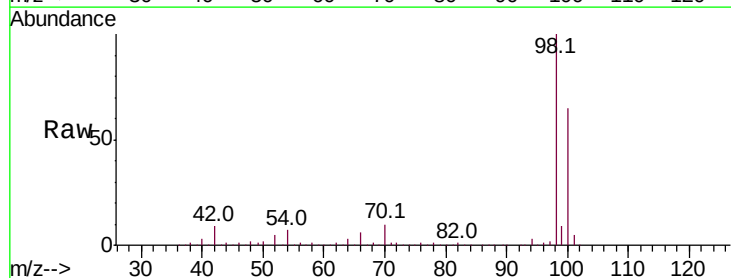
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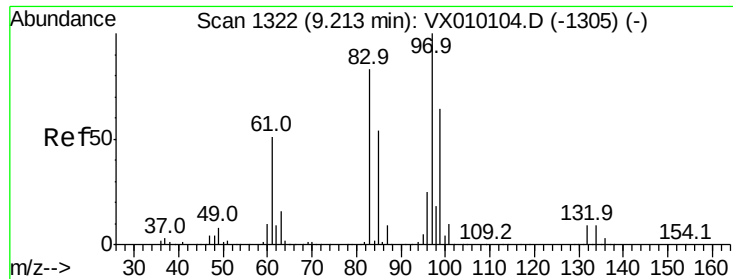
Tot Ion:130 Resp: 1431115
 Ion Ratio Lower Upper
 130 100
 95 90.4 0.0 207.4



#50
 Toluene-d8
 Concen: 51.093 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010221.D
 Acq: 11 Jun 2019 10:48

Tgt Ion: 98 Resp: 437007
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.5 77.3

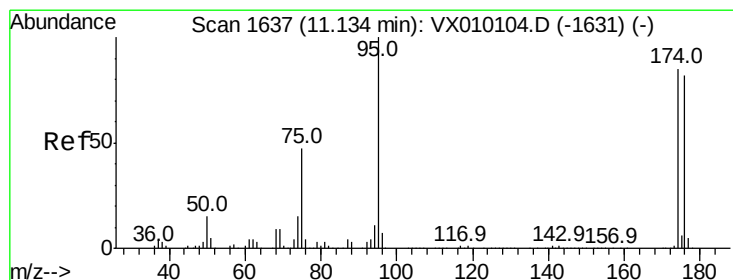
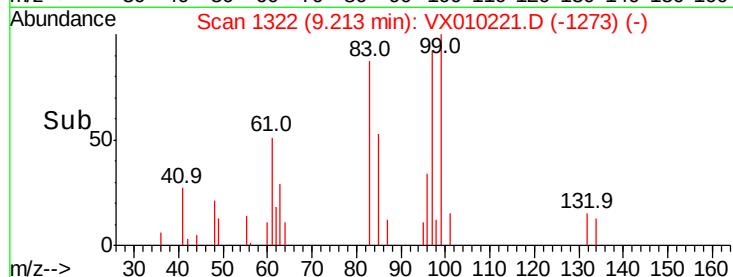
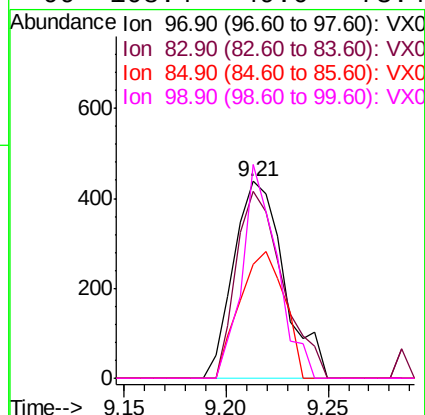
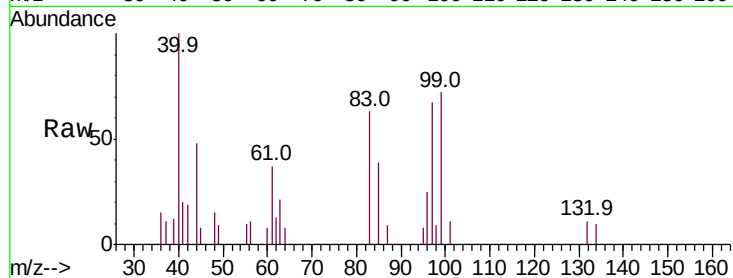




#55
 1,1,2-Trichloroethane
 Concen: 0.300 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010221.D
 Acq: 11 Jun 2019 10:48

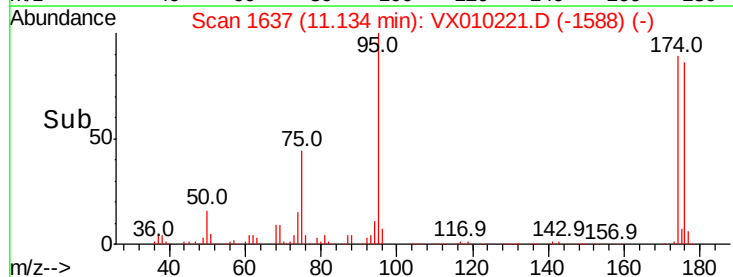
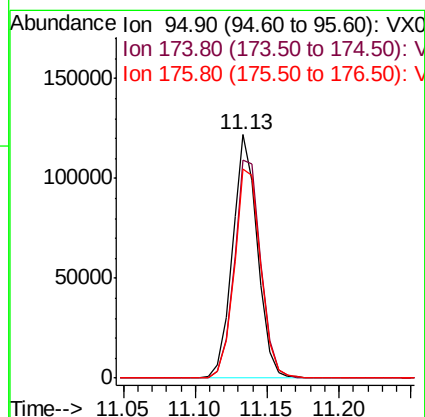
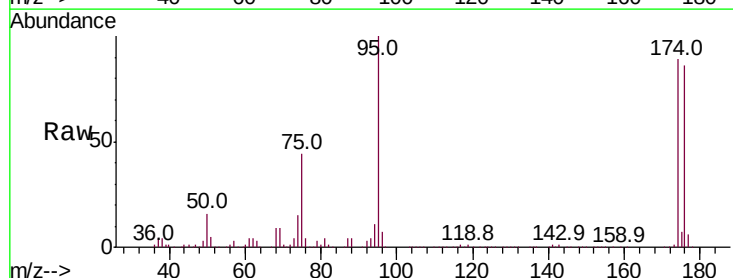
Instrument :
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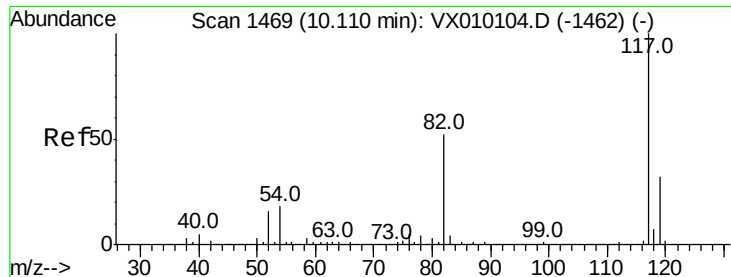
Tot Ion: 97 Resp: 755
 Ion Ratio Lower Upper
 97 100
 83 94.7 69.8 104.8
 85 57.8 45.3 67.9
 99 108.4 49.0 73.4#



#62
 4-Bromofluorobenzene
 Concen: 46.330 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010221.D
 Acq: 11 Jun 2019 10:48

Tgt Ion: 95 Resp: 147991
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 160.4
 176 91.0 0.0 154.6

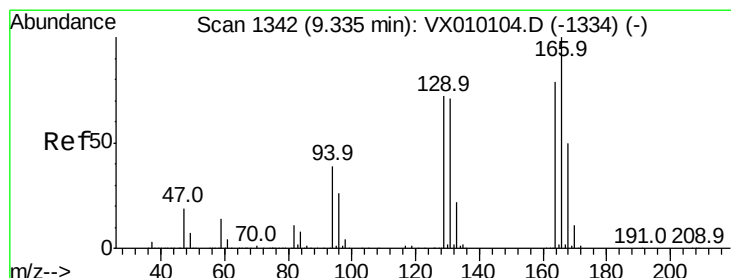
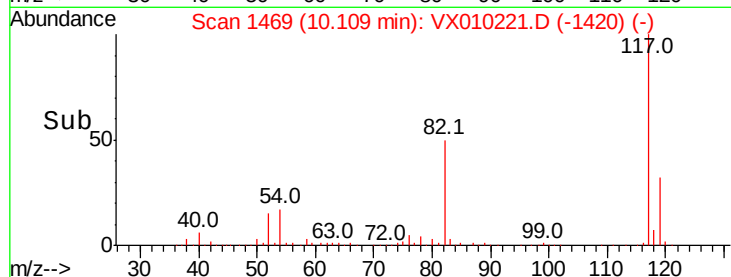
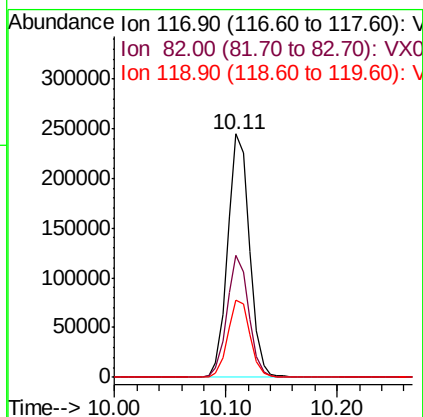
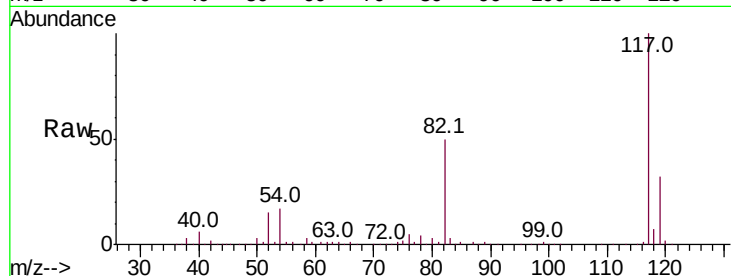




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010221.D
Acq: 11 Jun 2019 10:48

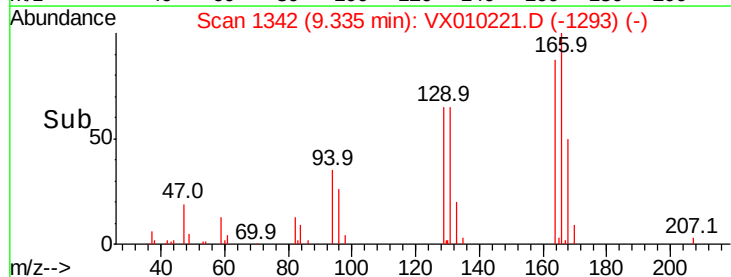
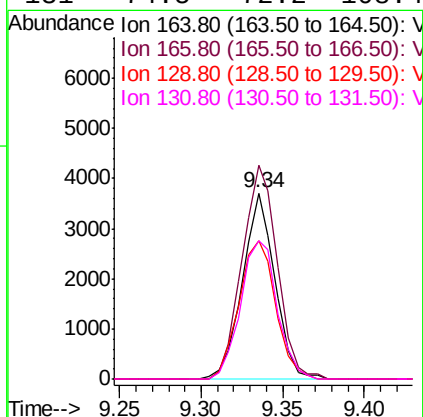
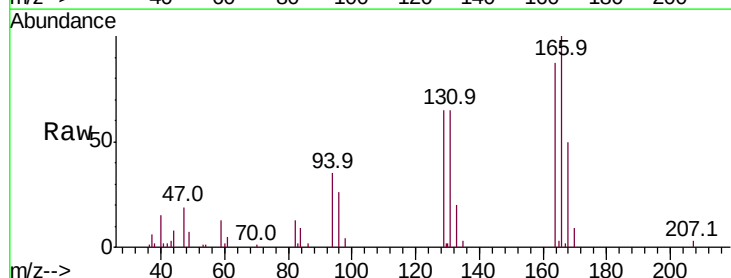
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190604

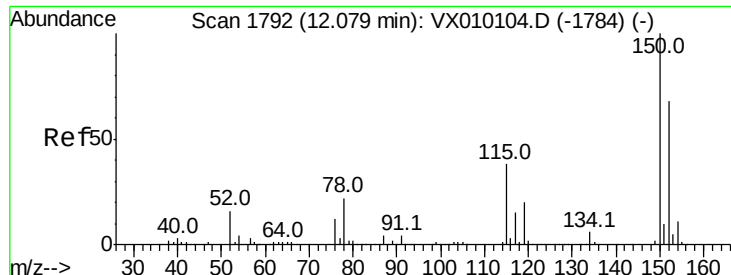
Tot Ion:117 Resp: 331757
Ion Ratio Lower Upper
117 100
82 50.0 49.2 73.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 2.086 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010221.D
Acq: 11 Jun 2019 10:48

Tgt Ion:164 Resp: 5141
Ion Ratio Lower Upper
164 100
166 114.9 105.0 157.4
129 74.3 75.1 112.7#
131 74.5 72.2 108.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010221.D

Acq: 11 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190604

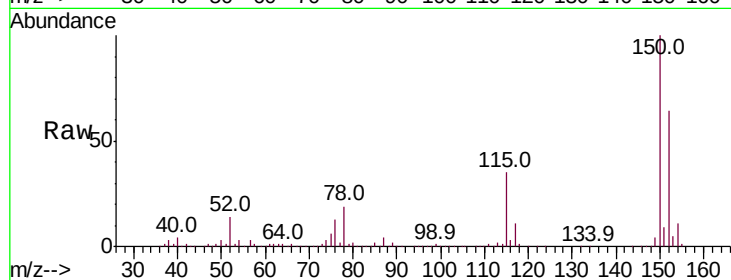
Tot Ion:152 Resp: 153715

Ion Ratio Lower Upper

152 100

115 55.3 41.4 124.2

150 157.8 0.0 345.2



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

