

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010393.D
 Acq On : 21 Jun 2019 18:32
 Operator : JC/SP
 Sample : K3477-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 21 23:15:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	442145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183038	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	134945	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	5.50	113	135861	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
50) Toluene-d8	8.71	98	523860	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	173104	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

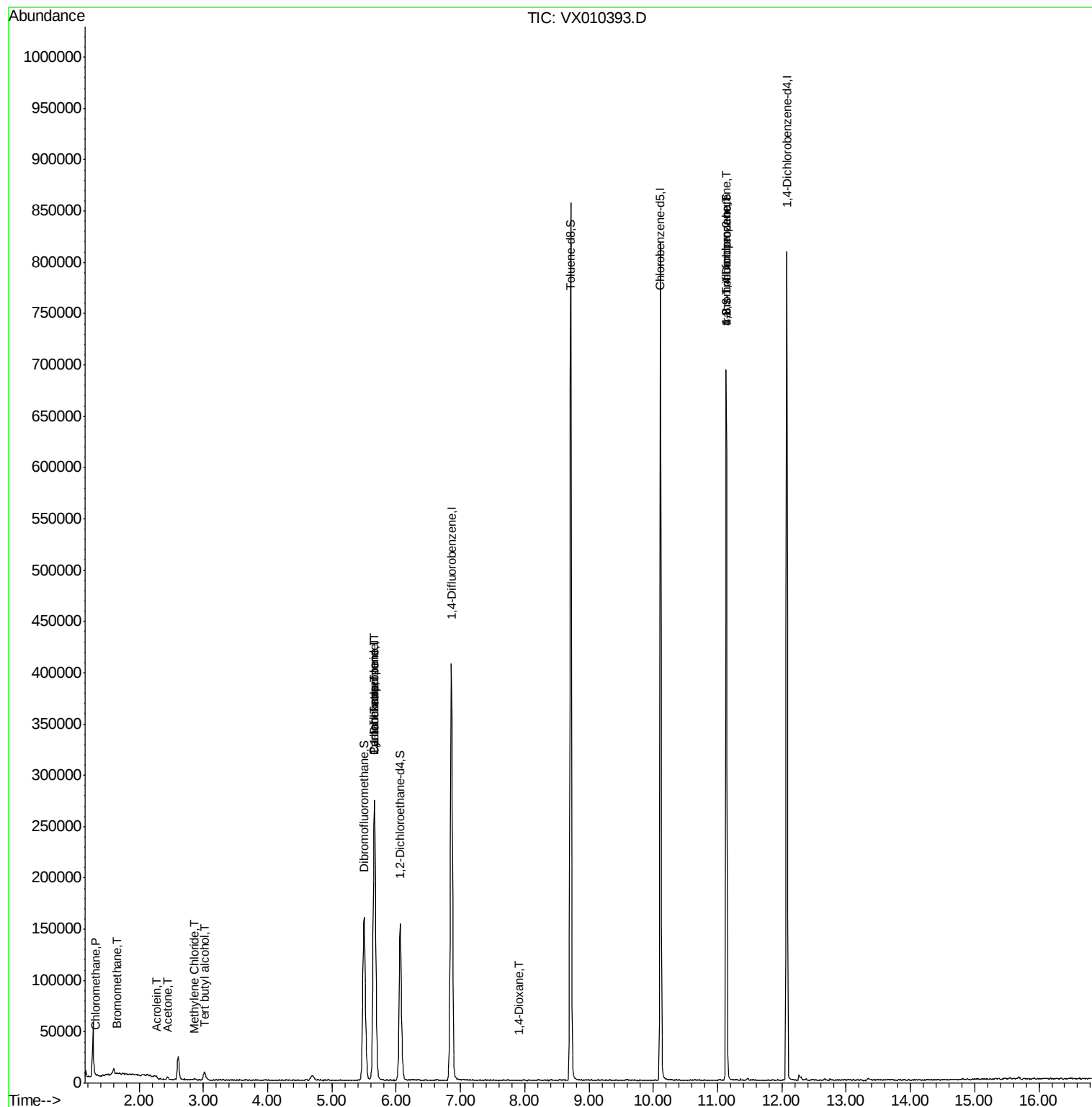
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	573	0.245	ug/l #	76
5) Bromomethane	1.65	94	641	0.514	ug/l #	57
11) Tert butyl alcohol	3.01	59	4657	6.572	ug/l #	77
13) Acrolein	2.27	56	396	0.842	ug/l #	28
16) Acetone	2.45	43	2818	2.076	ug/l	96
20) Methylene Chloride	2.87	84	569	0.204	ug/l #	55
31) Cyclohexane	5.67	56	5424	1.387	ug/l #	4
36) 1,1-Dichloropropene	5.67	75	18007	5.125	ug/l #	48
38) Carbon Tetrachloride	5.66	117	25270	6.642	ug/l #	16
49) 1,4-Dioxane	7.90	88	22	0.275	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	81907	24.557	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	81907	57.288	ug/l #	16

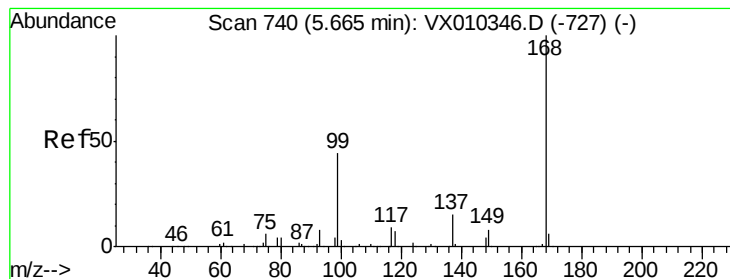
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010393.D
Acq On : 21 Jun 2019 18:32
Operator : JC/SP
Sample : K3477-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 21 23:15:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010393.D

Acq: 21 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

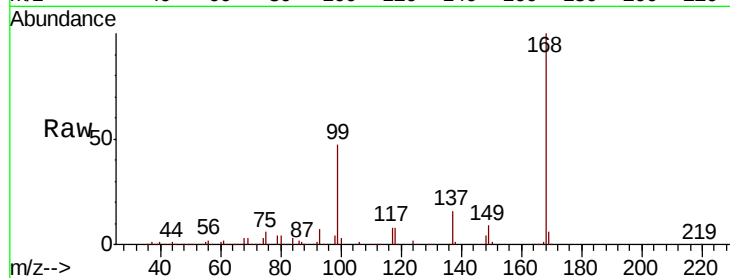
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 288822

Ion Ratio Lower Upper

168 100

99 47.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

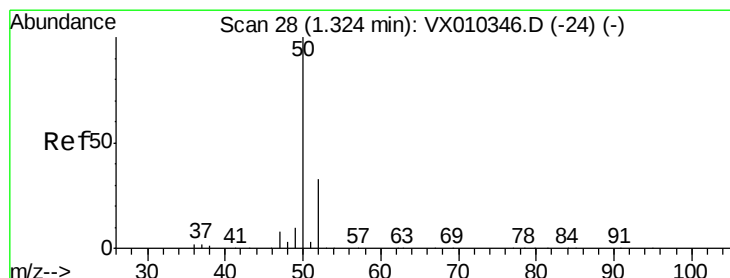
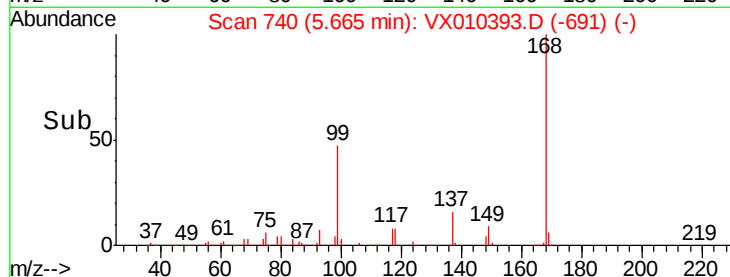
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.245 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010393.D

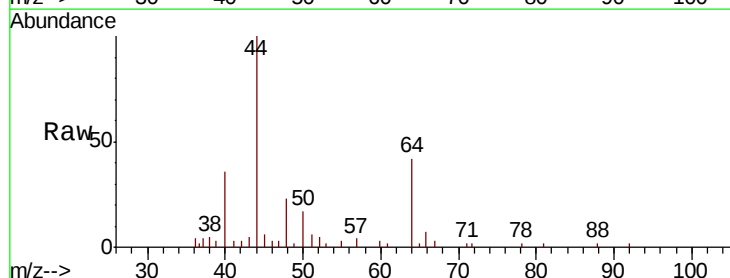
Acq: 21 Jun 2019 18:32

Tgt Ion: 50 Resp: 573

Ion Ratio Lower Upper

50 100

52 19.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

500

400

300

200

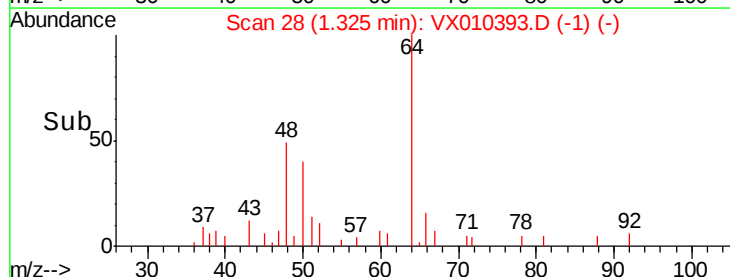
100

0

1.32

1.30 1.35

Time-->





#5

Bromomethane

Concen: 0.514 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010393.D

Acq: 21 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

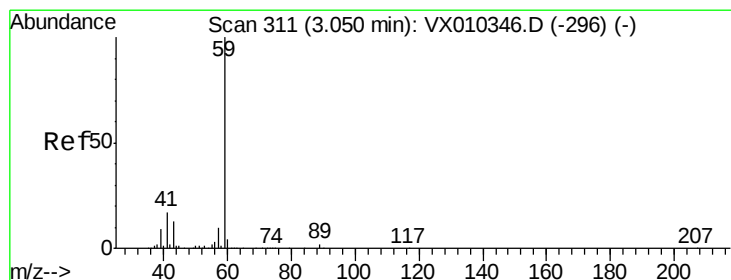
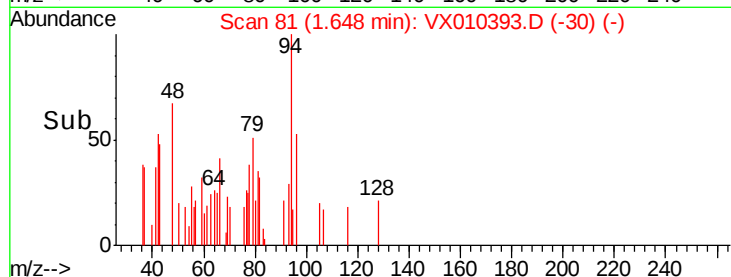
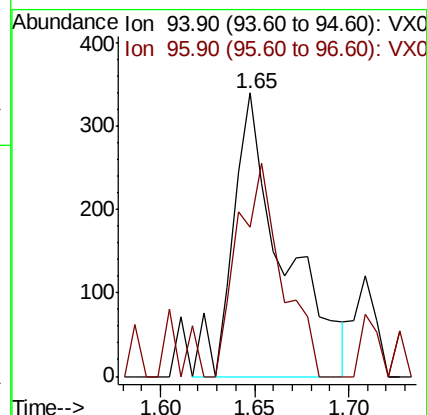
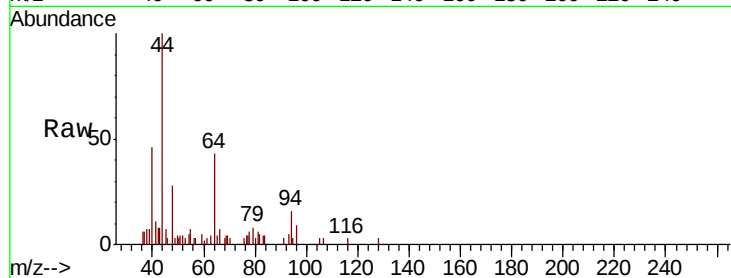
STORAGE-BLANK-WATER-REF-5

Tot Ion: 94 Resp: 641

Ion Ratio Lower Upper

94 100

96 52.8 75.5 113.3#



#11

Tert butyl alcohol

Concen: 6.572 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010393.D

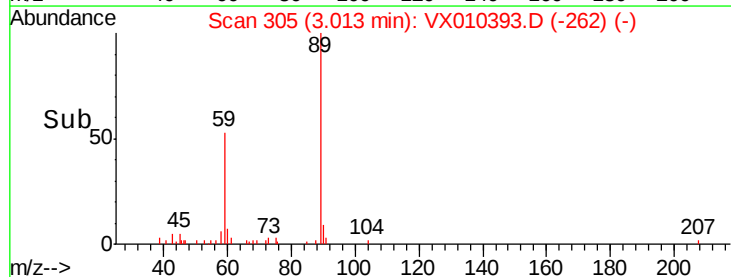
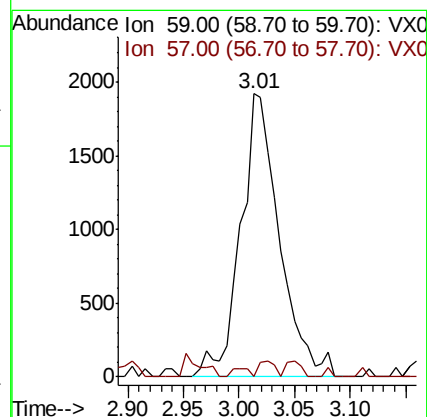
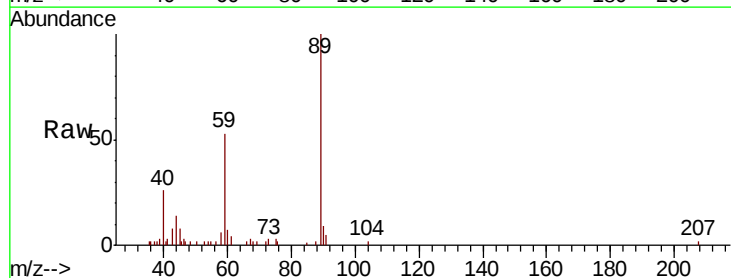
Acq: 21 Jun 2019 18:32

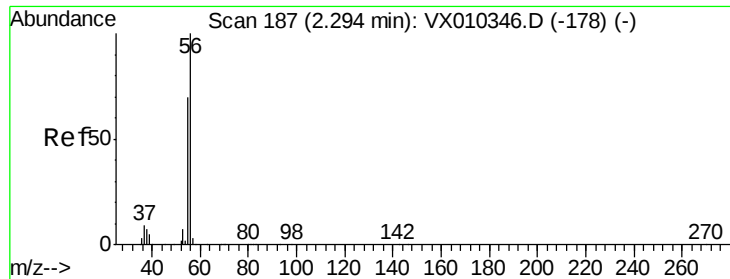
Tgt Ion: 59 Resp: 4657

Ion Ratio Lower Upper

59 100

57 1.3 7.7 11.5#





#13

Acrolein

Concen: 0.842 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX010393.D

Acq: 21 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

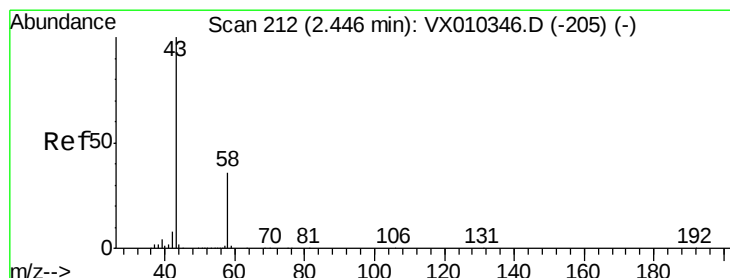
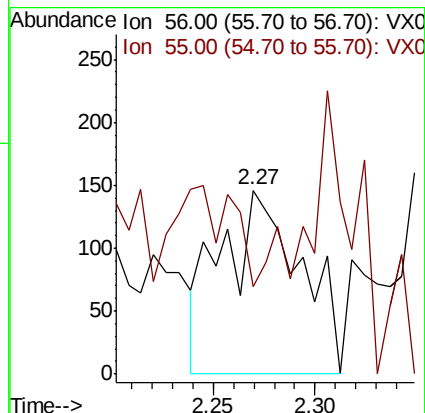
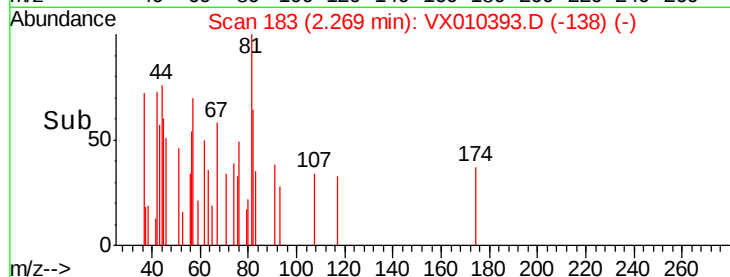
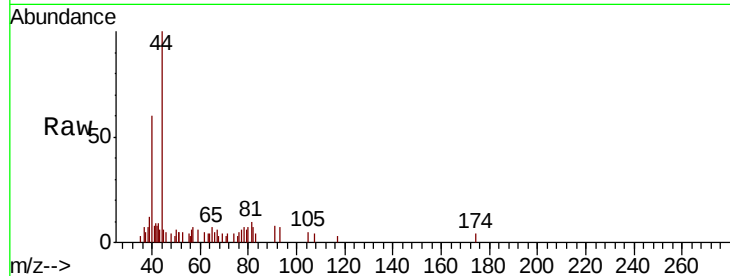
STORAGE-BLANK-WATER-REF-5

Tot Ion: 56 Resp: 396

Ion Ratio Lower Upper

56 100

55 11.4 56.9 85.3#



#16

Acetone

Concen: 2.076 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010393.D

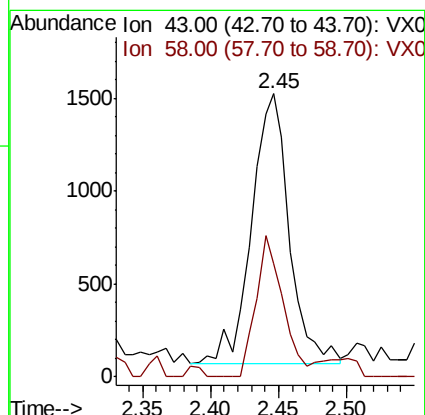
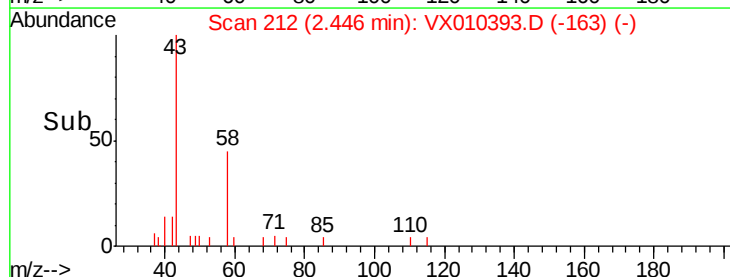
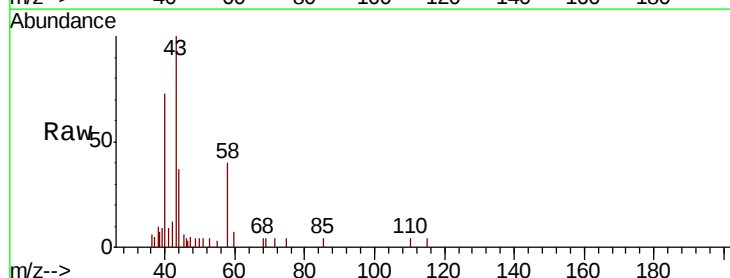
Acq: 21 Jun 2019 18:32

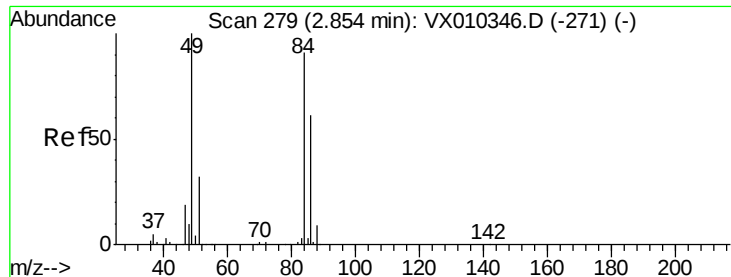
Tgt Ion: 43 Resp: 2818

Ion Ratio Lower Upper

43 100

58 38.3 28.9 43.3

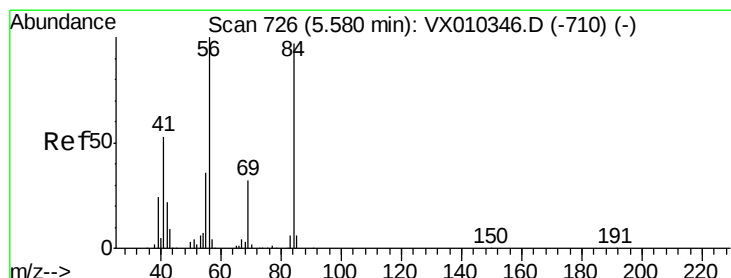
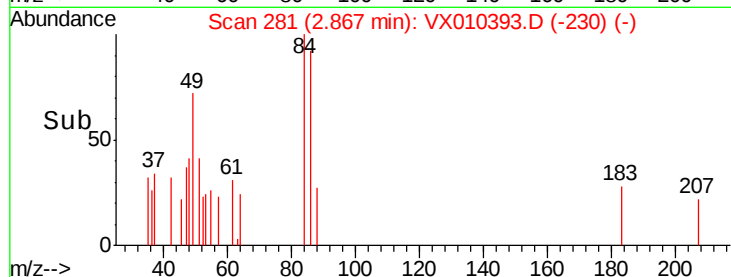
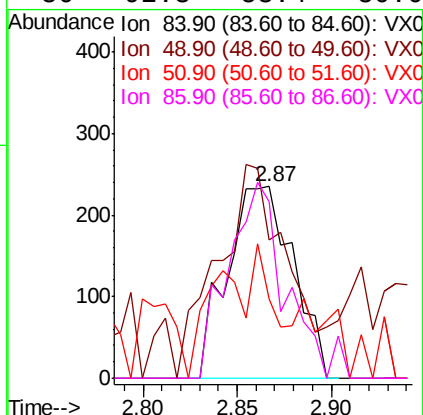
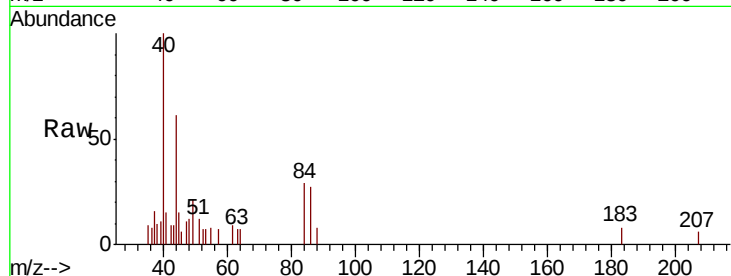




#20
Methvlene Chloride
Concen: 0.204 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010393.D
Acq: 21 Jun 2019 18:32

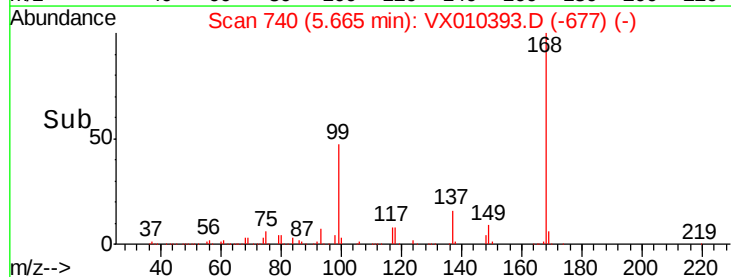
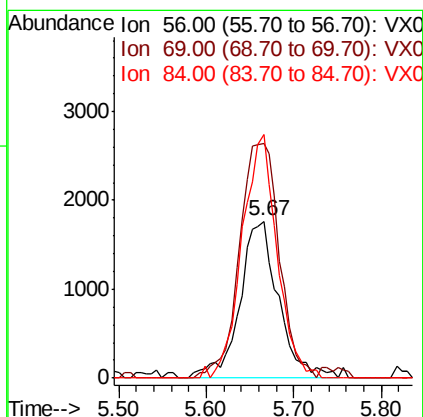
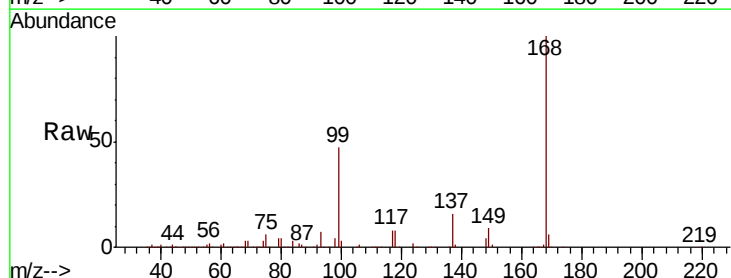
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

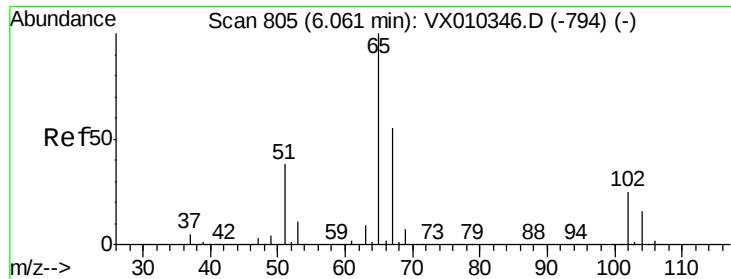
Tot Ion: 84 Resp: 569
Ion Ratio Lower Upper
84 100
49 42.1 87.5 131.3#
51 41.3 27.7 41.5
86 92.3 53.4 80.0#



#31
Cyclohexane
Concen: 1.387 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX010393.D
Acq: 21 Jun 2019 18:32

Tgt Ion: 56 Resp: 5424
Ion Ratio Lower Upper
56 100
69 149.1 25.9 38.9#
84 154.9 78.0 117.0#

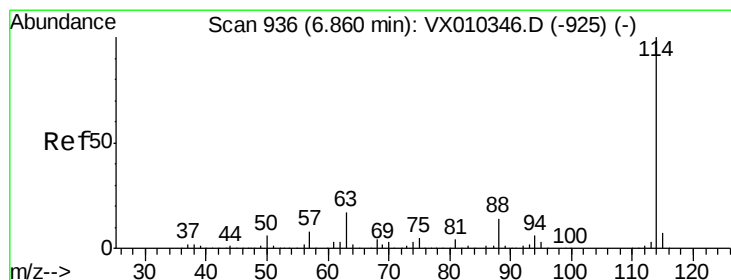
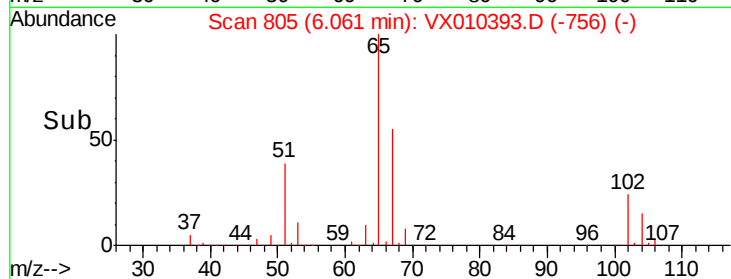
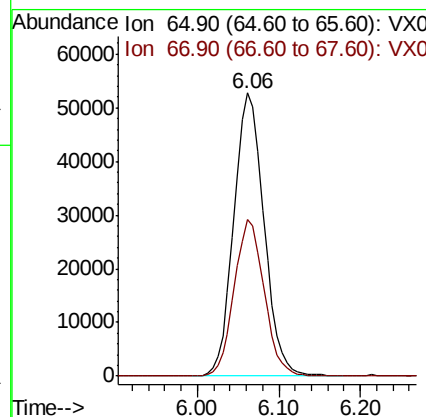
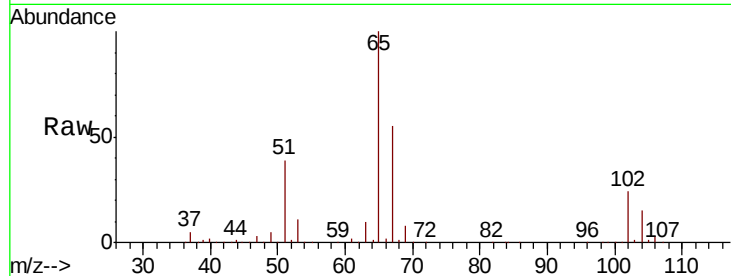




#33
 1,2-Dichloroethane-d4
 Concen: 49.832 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010393.D
 Acq: 21 Jun 2019 18:32

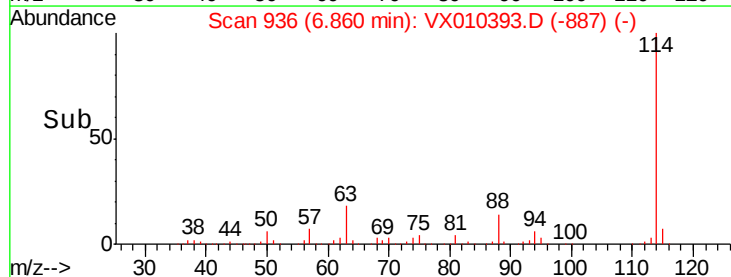
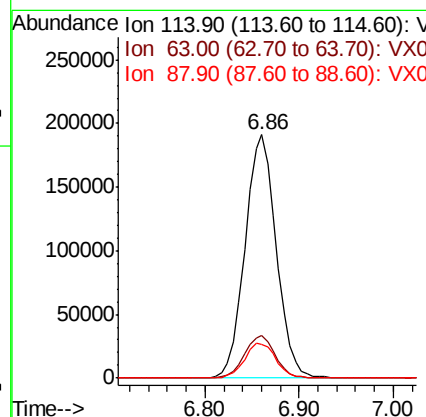
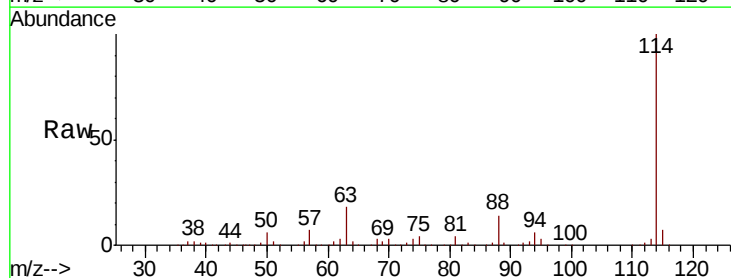
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

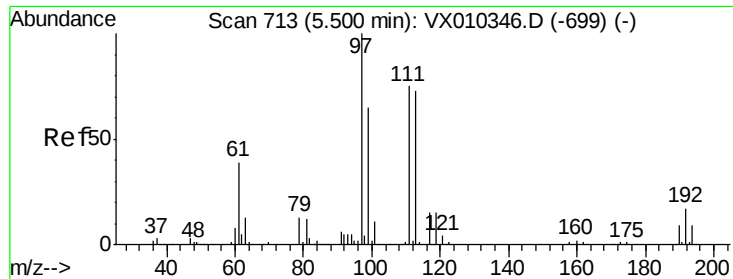
Tot Ion: 65 Resp: 134945
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010393.D
 Acq: 21 Jun 2019 18:32

Tgt Ion: 114 Resp: 442145
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 13.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.222 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010393.D

Acq: 21 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

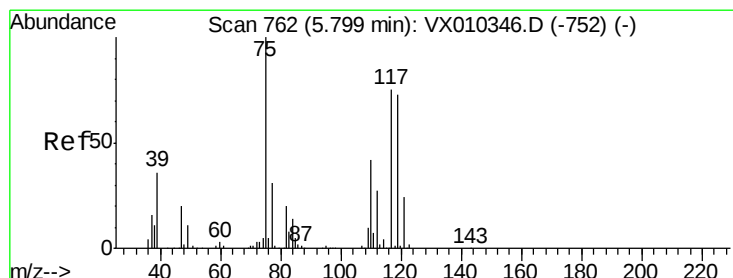
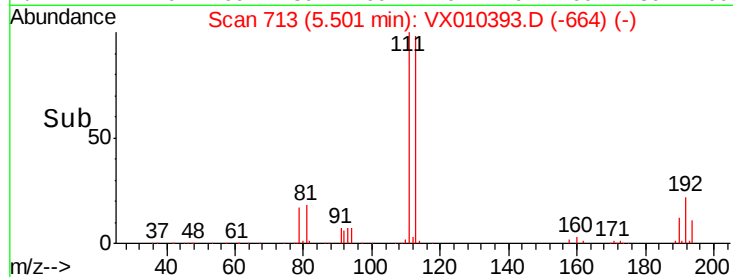
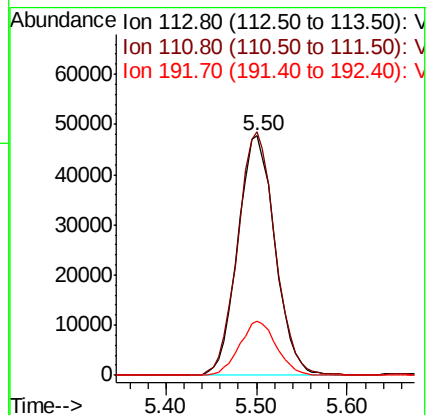
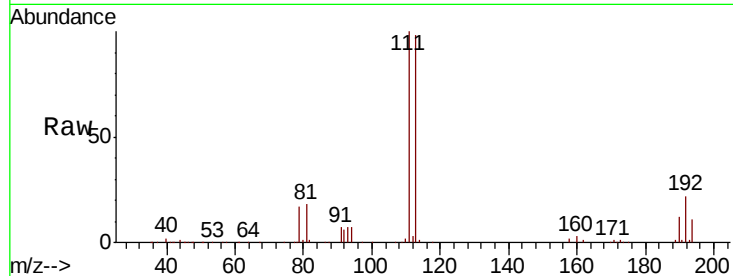
Tot Ion:113 Resp: 135861

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 22.4 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.125 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010393.D

Acq: 21 Jun 2019 18:32

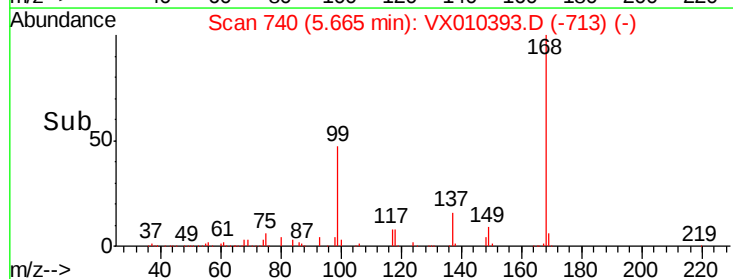
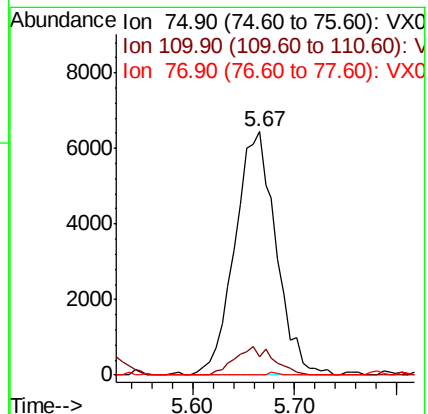
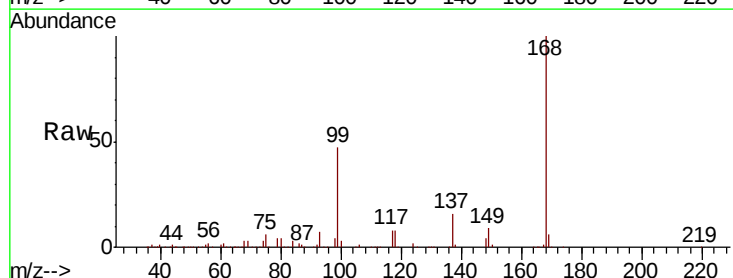
Tgt Ion: 75 Resp: 18007

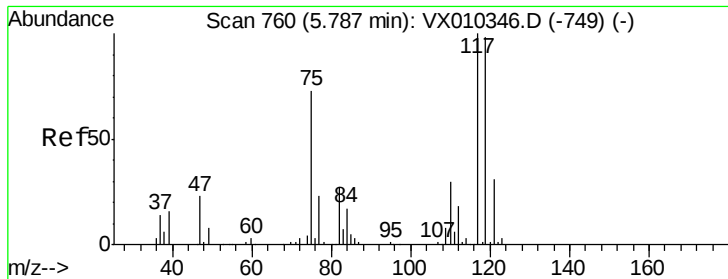
Ion Ratio Lower Upper

75 100

110 11.0 20.8 62.2#

77 0.2 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.642 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010393.D

Acq: 21 Jun 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

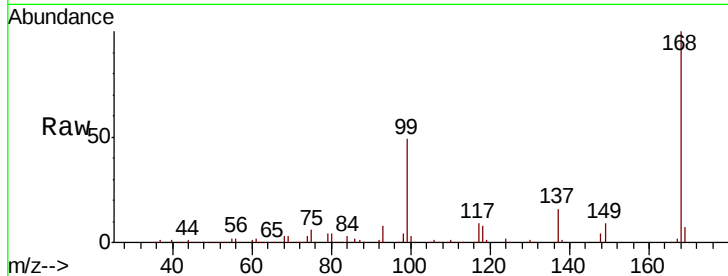
Tot Ion:117 Resp: 25270

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.4#

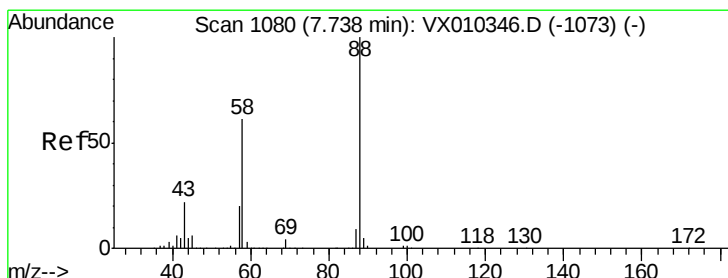
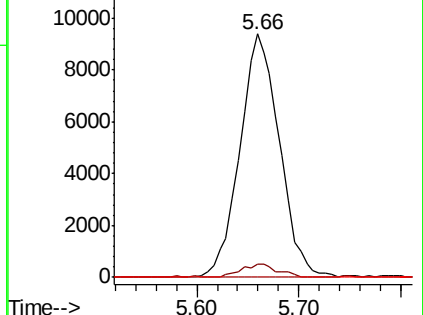
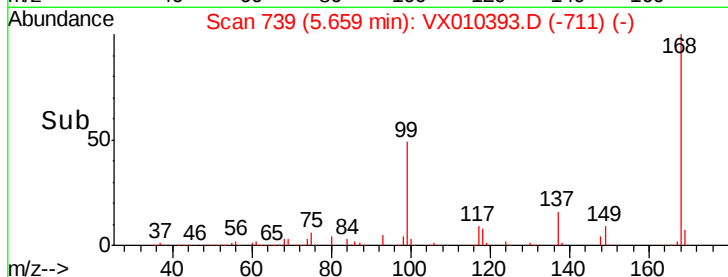
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.275 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.16 min

Lab File: VX010393.D

Acq: 21 Jun 2019 18:32

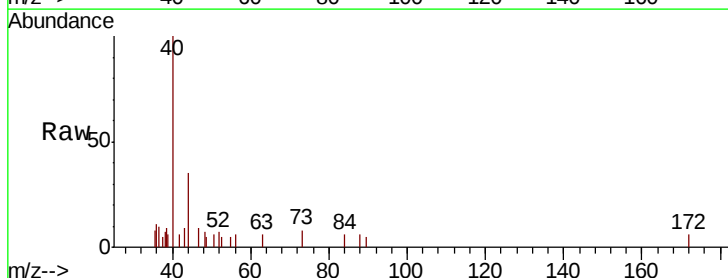
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 1159.1 20.2 30.2#

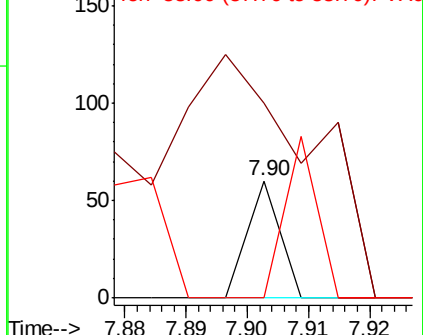
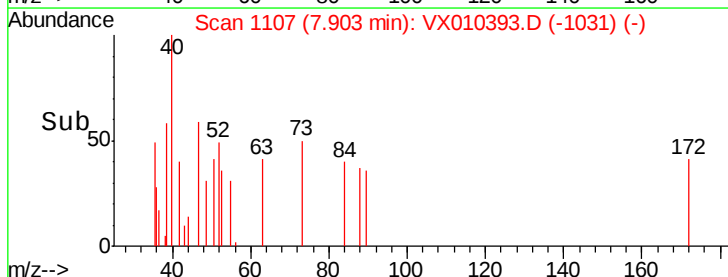
58 136.4 49.5 74.3#

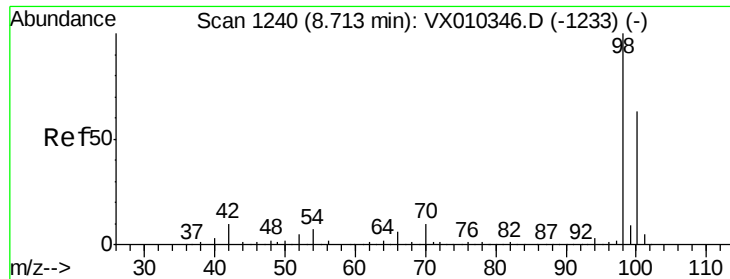


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

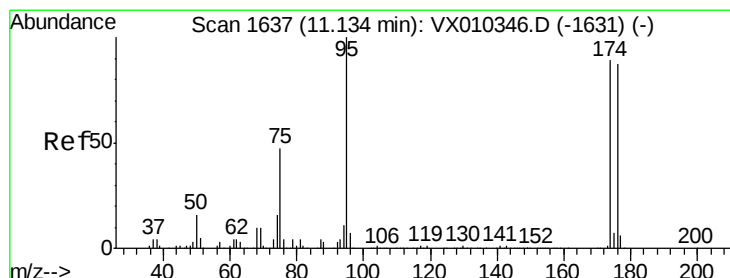
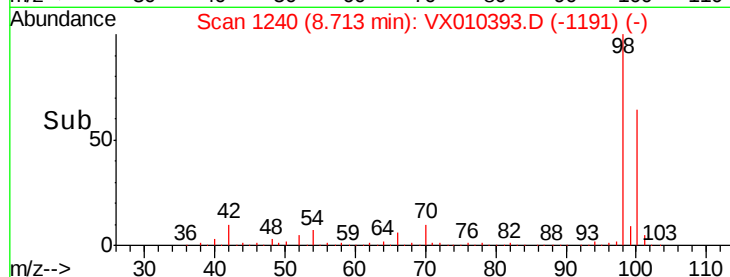
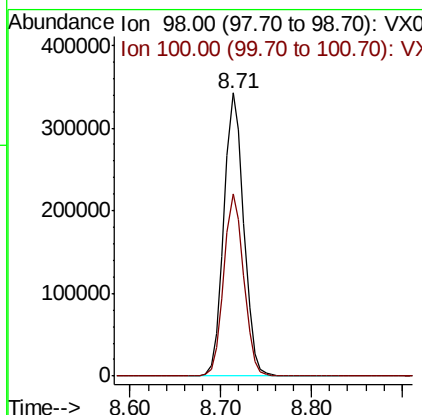
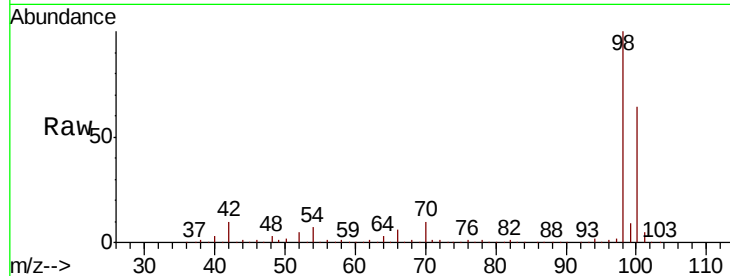




#50
Toluene-d8
Concen: 50.617 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010393.D
Acq: 21 Jun 2019 18:32

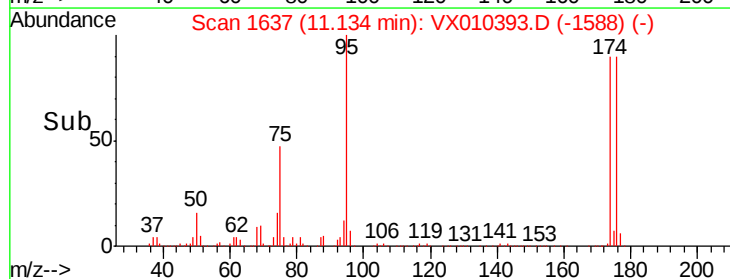
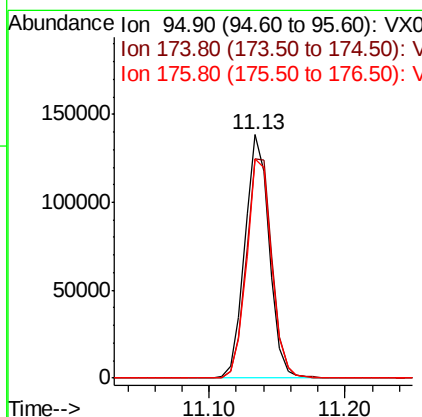
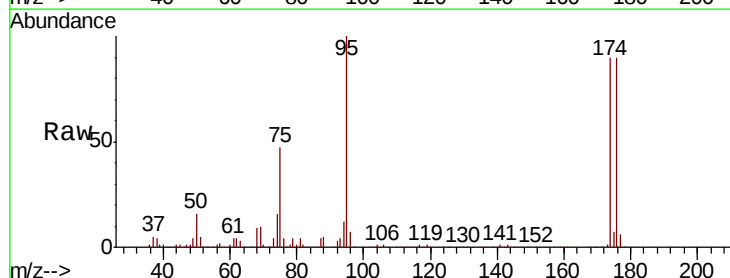
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

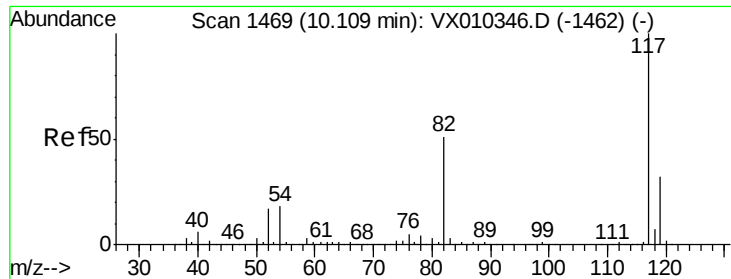
Tot Ion: 98 Resp: 523860
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.328 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010393.D
Acq: 21 Jun 2019 18:32

Tgt Ion: 95 Resp: 173104
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.6
176 92.5 0.0 184.0

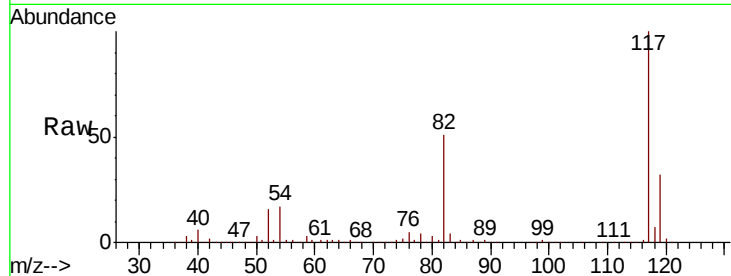




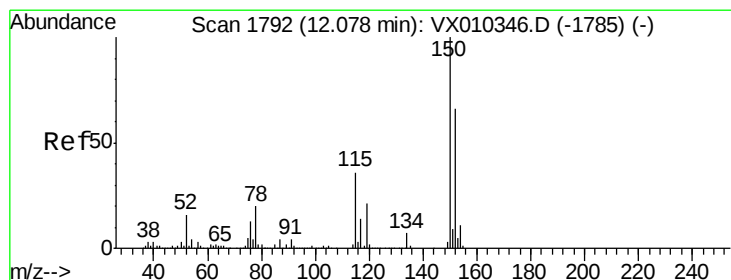
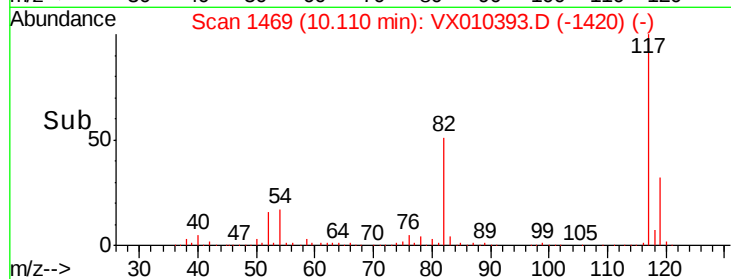
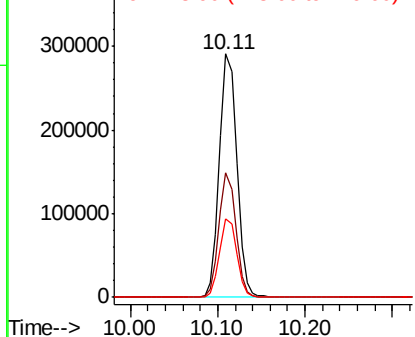
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010393.D
Acq: 21 Jun 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 402640
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.2 25.5 38.3

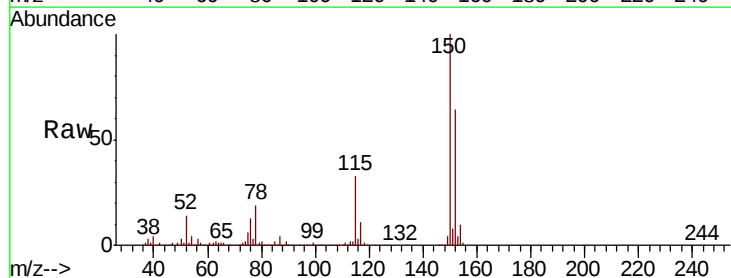


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

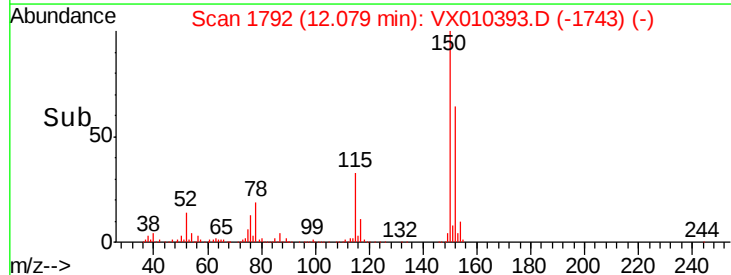
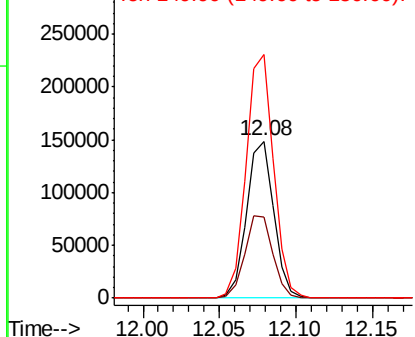


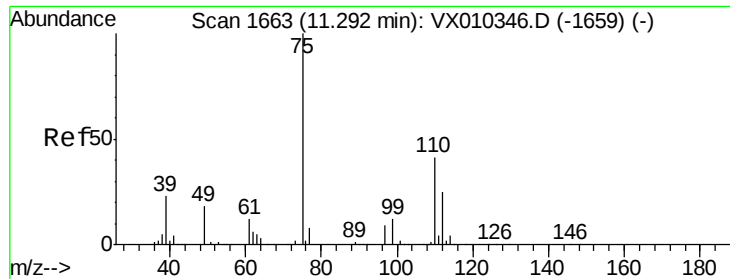
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010393.D
Acq: 21 Jun 2019 18:32

Tgt Ion:152 Resp: 183038
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 157.5 0.0 347.4



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

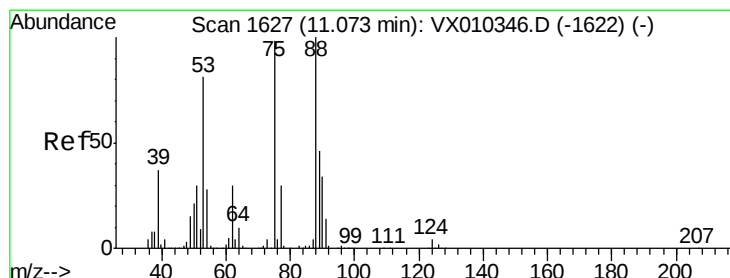
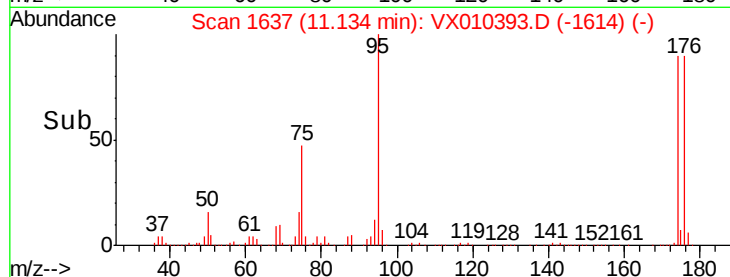
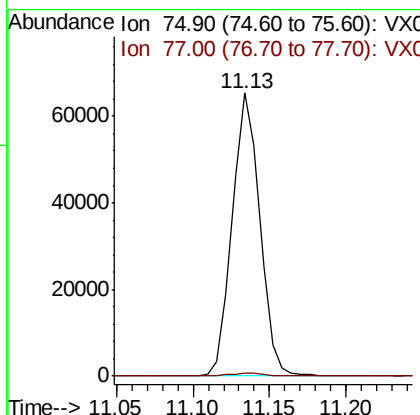
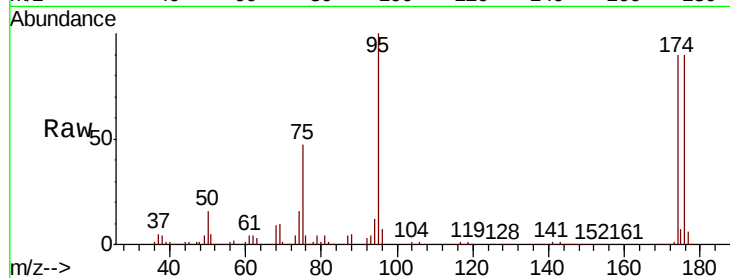




#76
 1,2,3-Trichloropropane
 Concen: 24.557 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010393.D
 Acq: 21 Jun 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 81907
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.288 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010393.D
 Acq: 21 Jun 2019 18:32

Tgt Ion: 75 Resp: 81907
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

