

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010597.D
 Acq On : 01 Jul 2019 17:41
 Operator : JC/SP
 Sample : K3585-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RM-WATER-COMP

Quant Time: Jul 02 04:54:10 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	248908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160471	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	121516	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	5.50	113	117006	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	8.71	98	454360	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	152960	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	

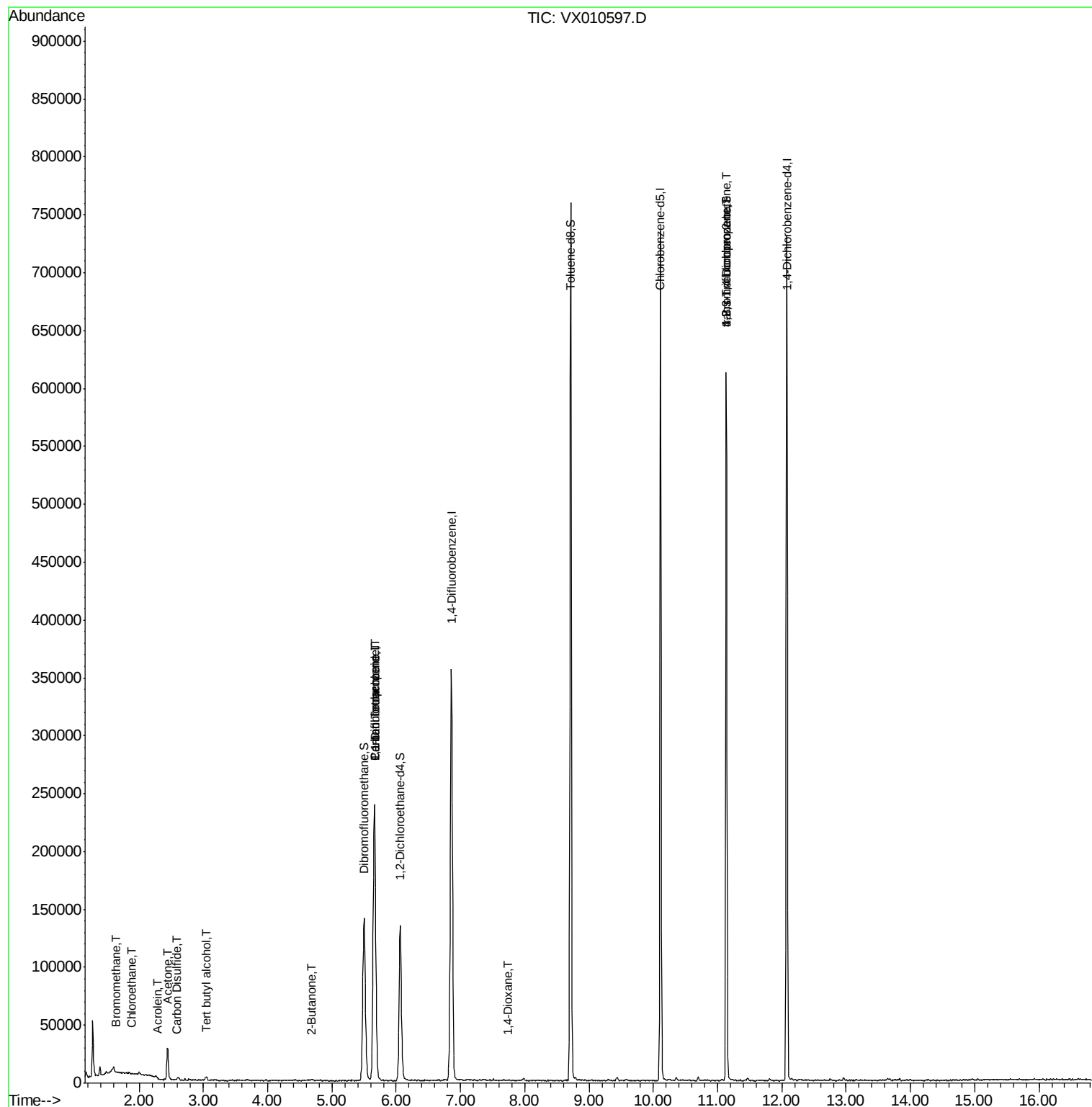
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	522	0.485	ug/l #	73
6) Chloroethane	1.89	64	670	0.515	ug/l #	53
11) Tert butyl alcohol	3.05	59	3744	6.131	ug/l #	82
13) Acrolein	2.29	56	339	0.837	ug/l #	14
16) Acetone	2.44	43	29491	25.214	ug/l	100
17) Carbon Disulfide	2.57	76	1245	0.215	ug/l #	69
25) 2-Butanone	4.68	43	542	0.316	ug/l #	33
36) 1,1-Dichloropropene	5.66	75	16221	5.289	ug/l #	47
38) Carbon Tetrachloride	5.67	117	22791	6.863	ug/l #	15
49) 1,4-Dioxane	7.74	88	123	1.760	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	73269	25.056	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	73269	58.453	ug/l #	16

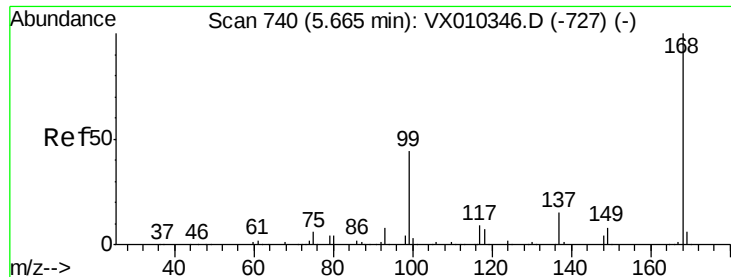
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070119\
Data File : VX010597.D
Acq On : 01 Jul 2019 17:41
Operator : JC/SP
Sample : K3585-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

Quant Time: Jul 02 04:54:10 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: VX010597.D

Acq: 01 Jul 2019 17:41

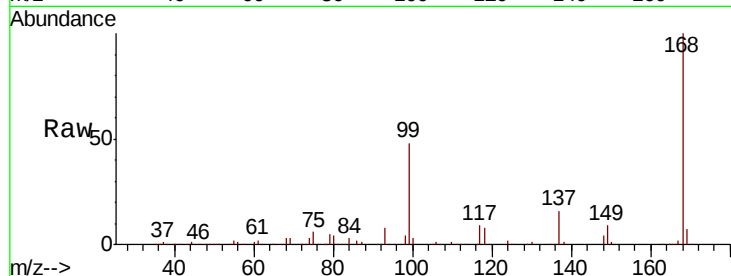
Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

Tot Ion:168 Resp: 248908

Ion Ratio Lower Upper

168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

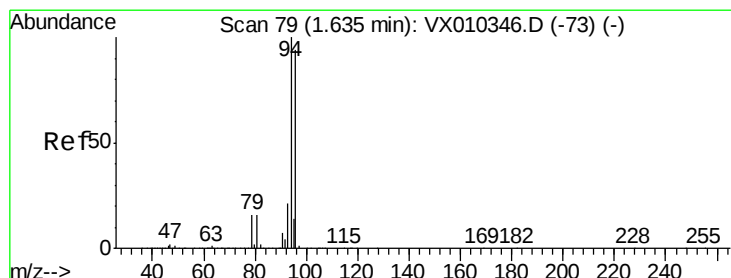
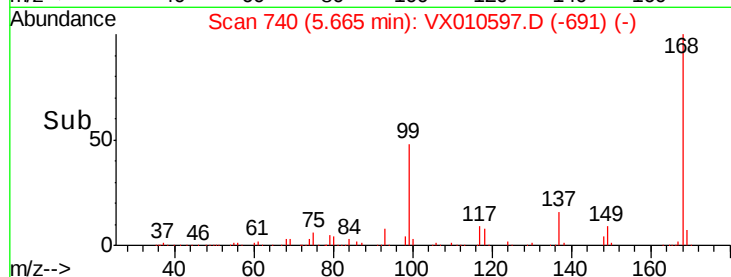
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.485 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010597.D

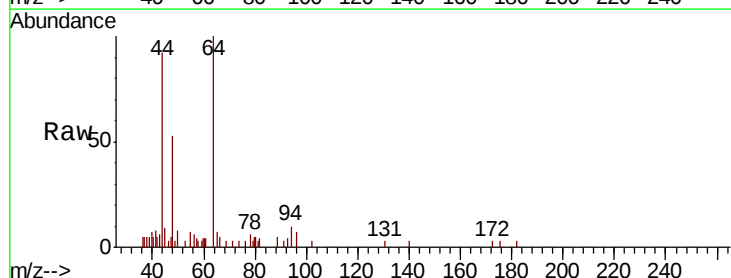
Acq: 01 Jul 2019 17:41

Tgt Ion: 94 Resp: 522

Ion Ratio Lower Upper

94 100

96 67.8 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

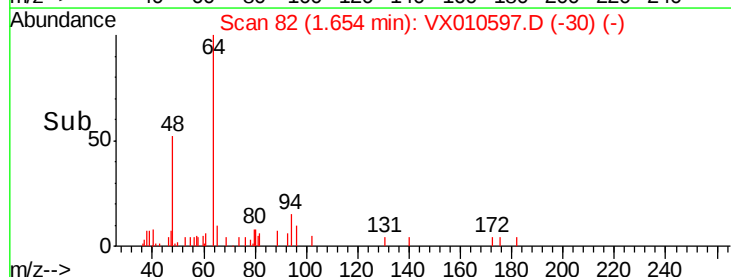
150

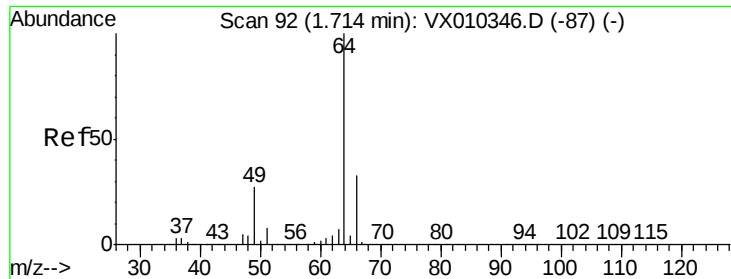
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.515 ug/l

RT: 1.89 min Scan# 121

Delta R.T. 0.18 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

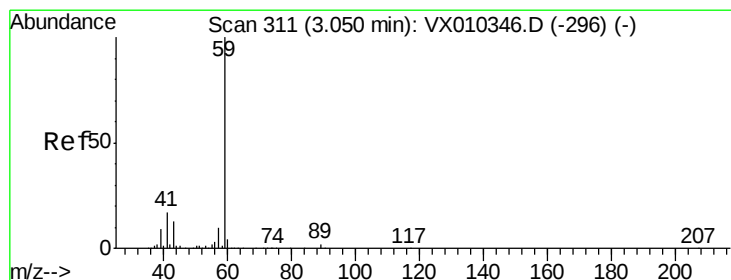
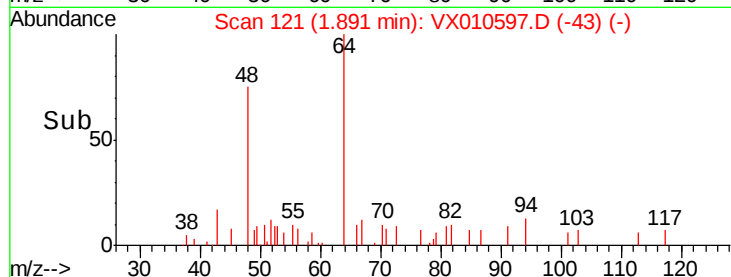
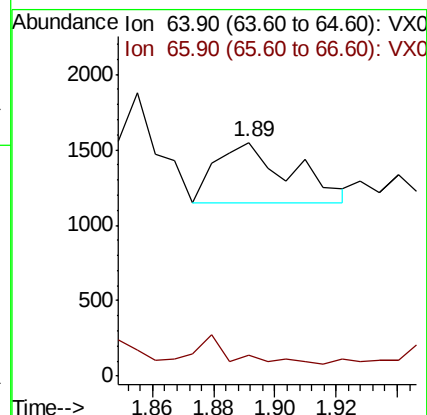
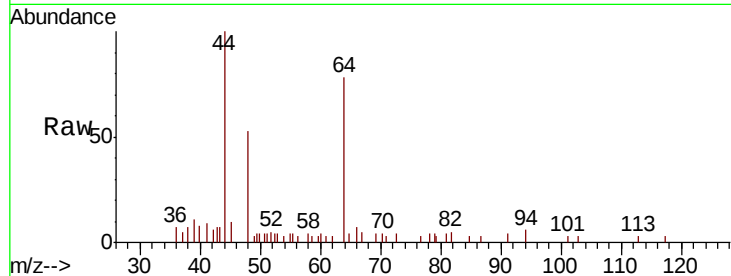
RM-WATER-COMP

Tot Ion: 64 Resp: 670

Ion Ratio Lower Upper

64 100

66 6.5 26.6 40.0#



#11

Tert butyl alcohol

Concen: 6.131 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX010597.D

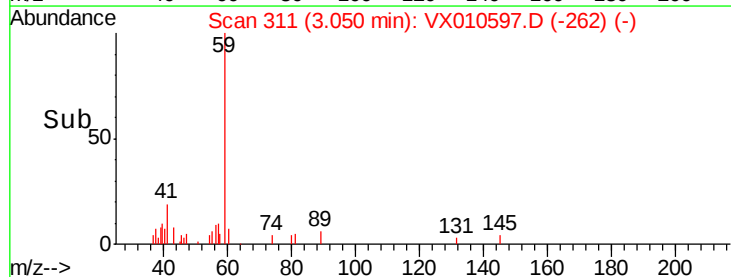
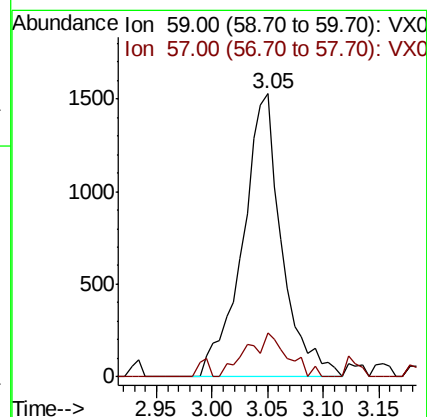
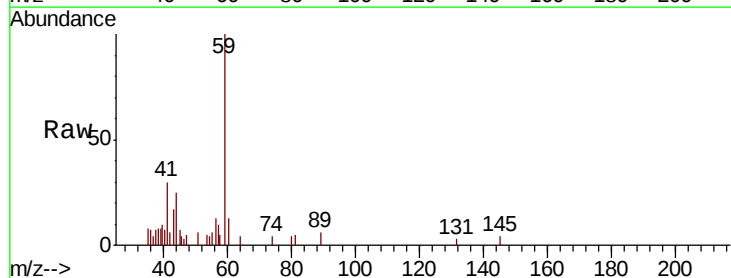
Acq: 01 Jul 2019 17:41

Tgt Ion: 59 Resp: 3744

Ion Ratio Lower Upper

59 100

57 16.1 7.7 11.5#





#13

Acrolein

Concen: 0.837 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

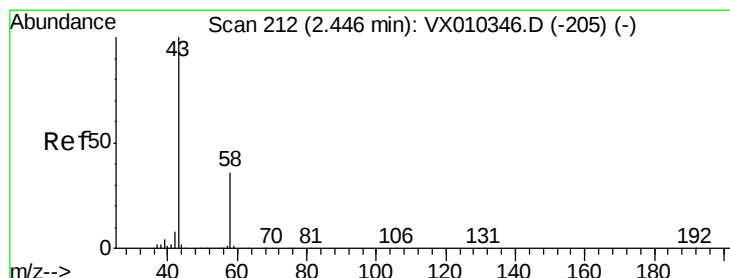
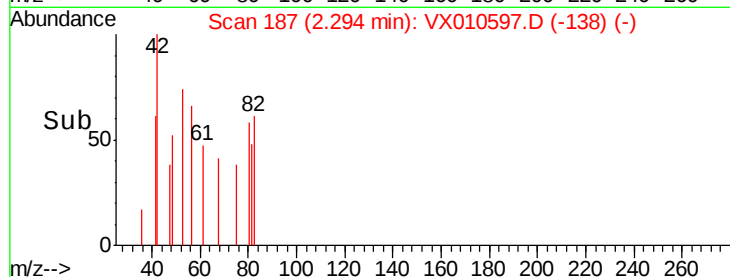
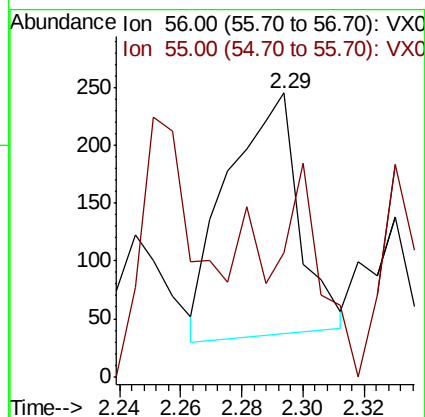
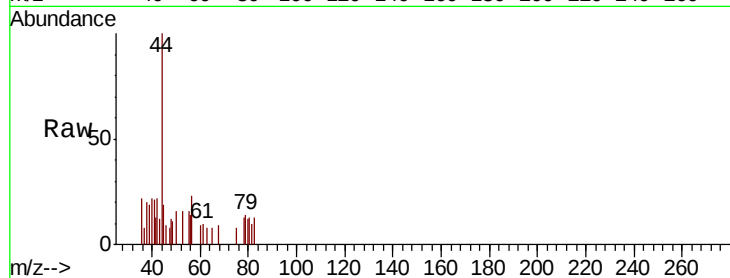
Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

Tot Ion: 56 Resp: 339

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 25.214 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010597.D

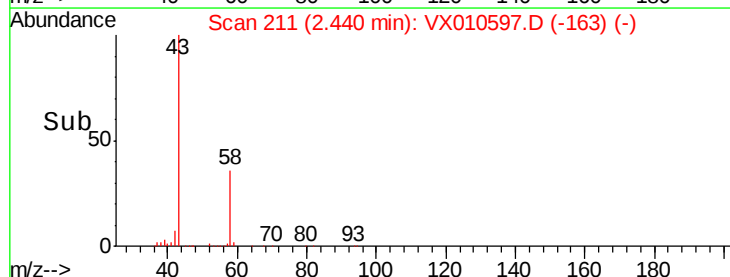
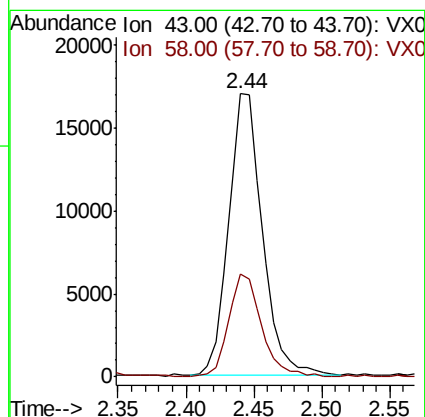
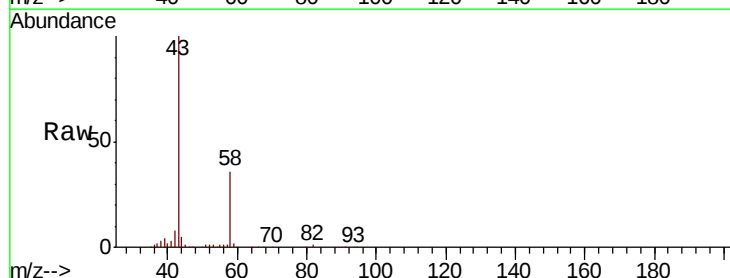
Acq: 01 Jul 2019 17:41

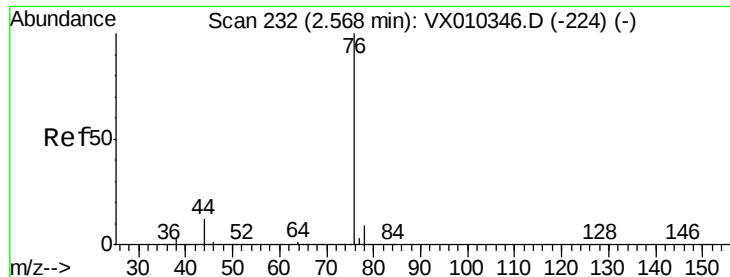
Tgt Ion: 43 Resp: 29491

Ion Ratio Lower Upper

43 100

58 36.4 28.9 43.3





#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

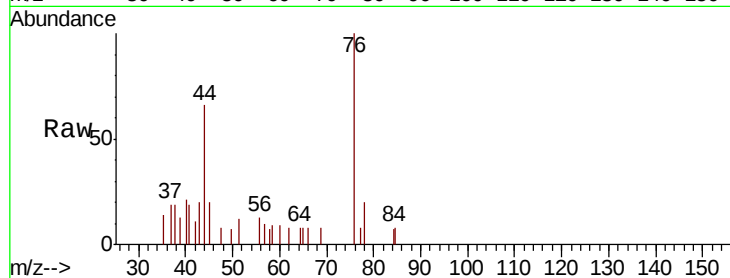
RM-WATER-COMP

Tot Ion: 76 Resp: 1245

Ion Ratio Lower Upper

76 100

78 20.5 7.3 10.9#



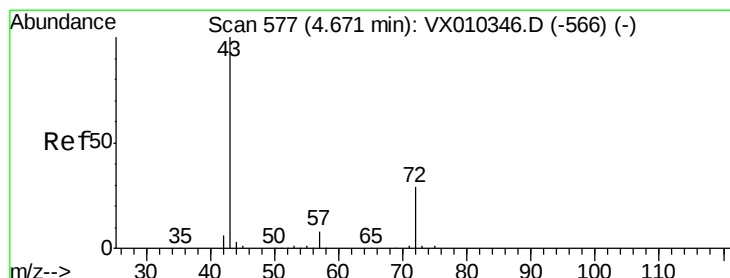
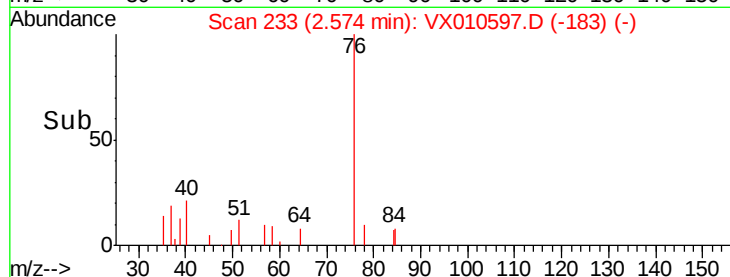
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

2.55 2.60

Time-->



#25

2-Butanone

Concen: 0.316 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010597.D

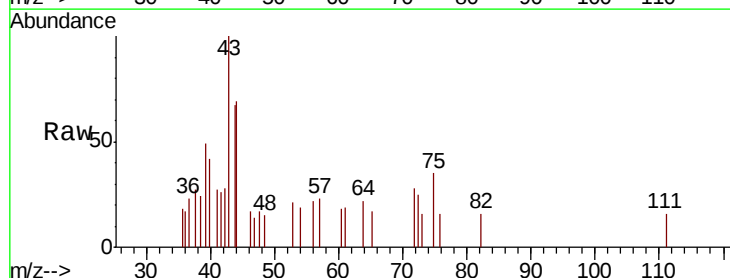
Acq: 01 Jul 2019 17:41

Tgt Ion: 43 Resp: 542

Ion Ratio Lower Upper

43 100

72 64.9 23.3 34.9#



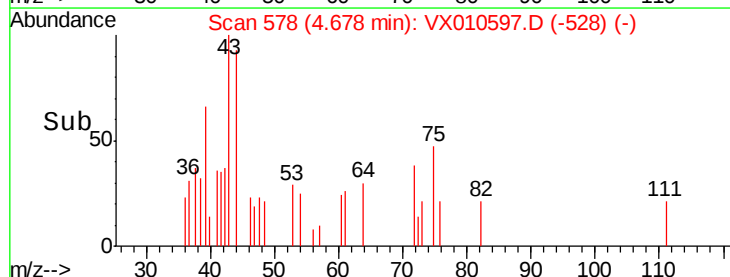
Abundance Ion 43.00 (42.70 to 43.70): VX0

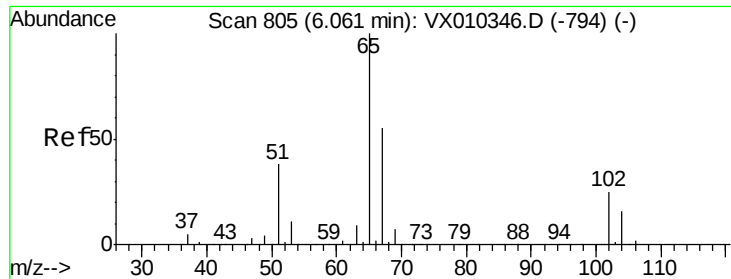
Ion 72.00 (71.70 to 72.70): VX0

4.68

4.65 4.70

Time-->

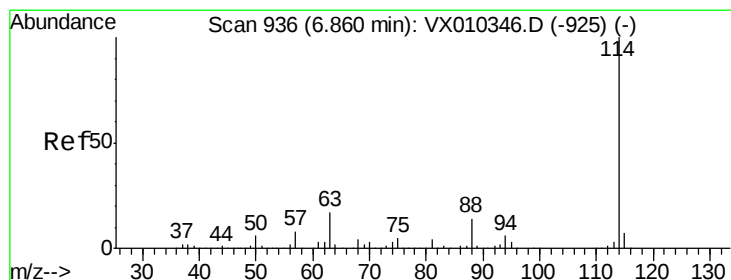
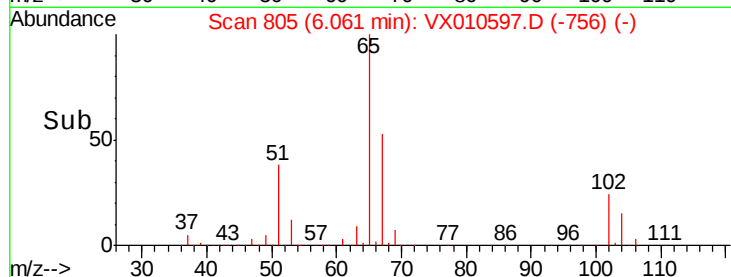
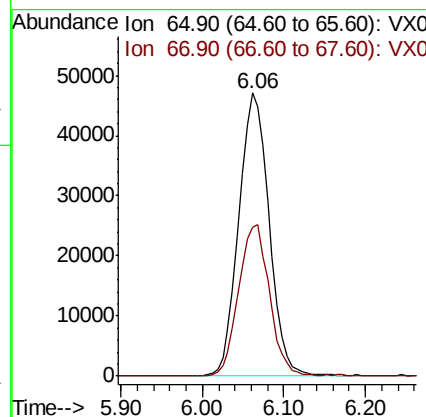
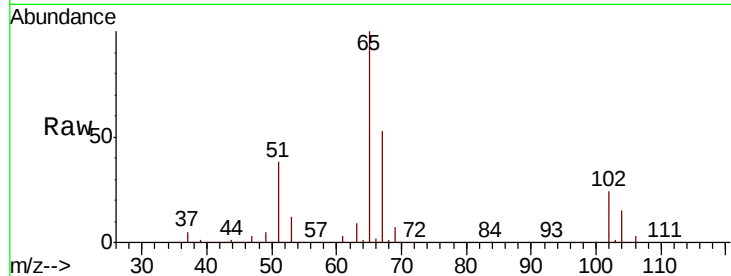




#33
 1,2-Dichloroethane-d4
 Concen: 52.069 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010597.D
 Acq: 01 Jul 2019 17:41

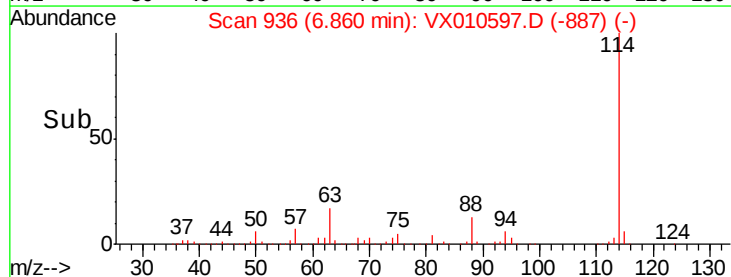
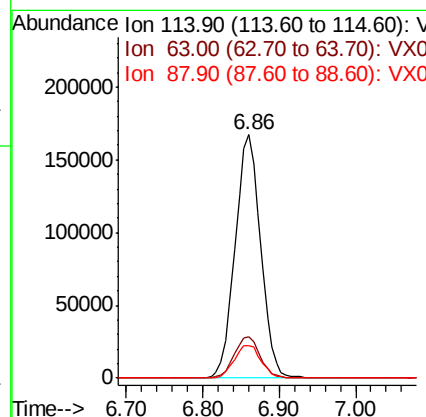
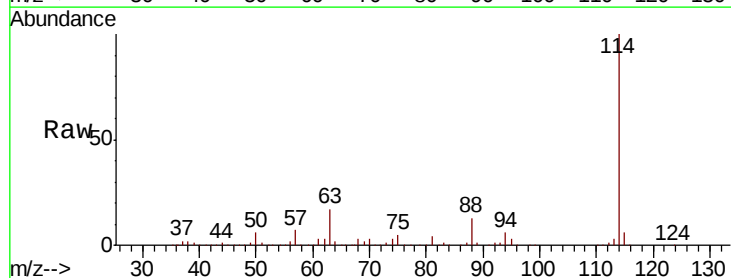
Instrument :
 MSVOA_X
 ClientSampleId :
 RM-WATER-COMP

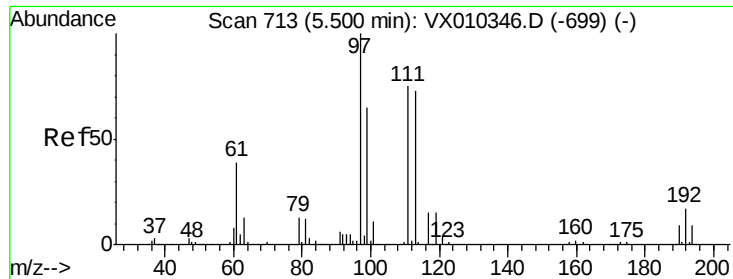
Tot Ion: 65 Resp: 121516
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010597.D
 Acq: 01 Jul 2019 17:41

Tgt Ion: 114 Resp: 385914
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 13.5 0.0 27.6

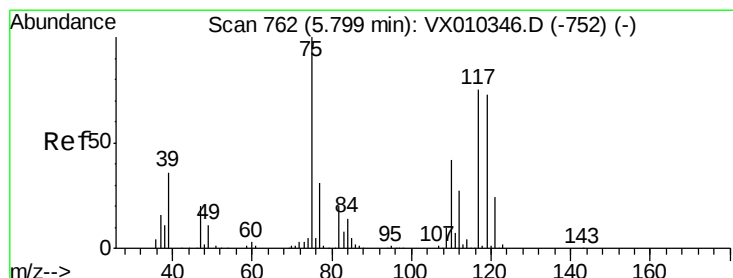
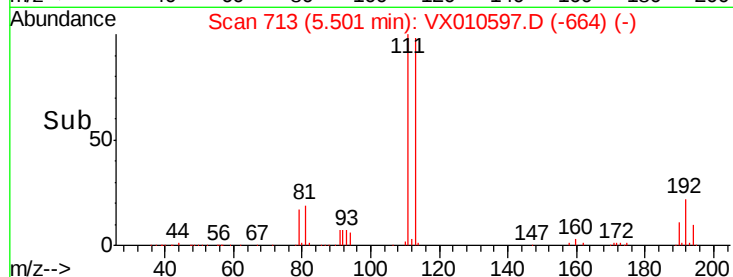
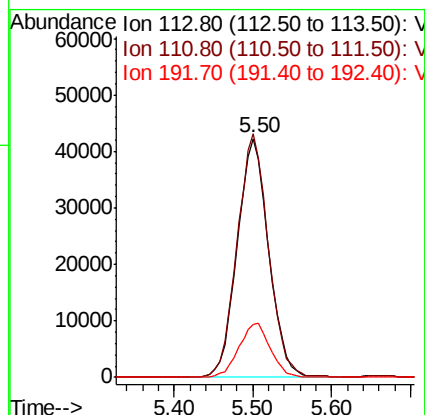
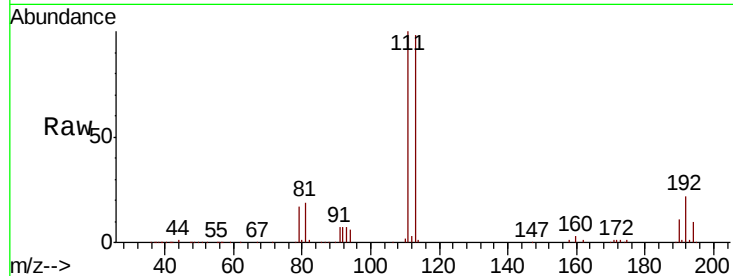




#35
 Dibromofluoromethane
 Concen: 49.554 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010597.D
 Acq: 01 Jul 2019 17:41

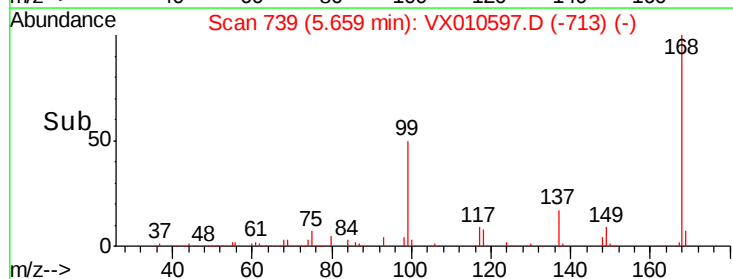
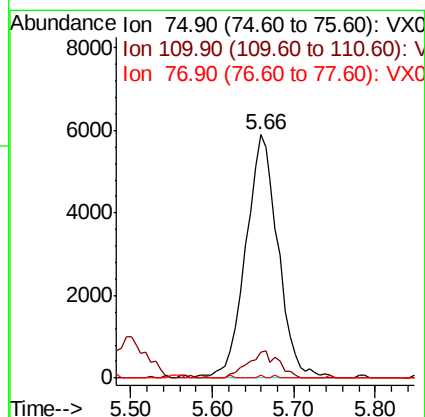
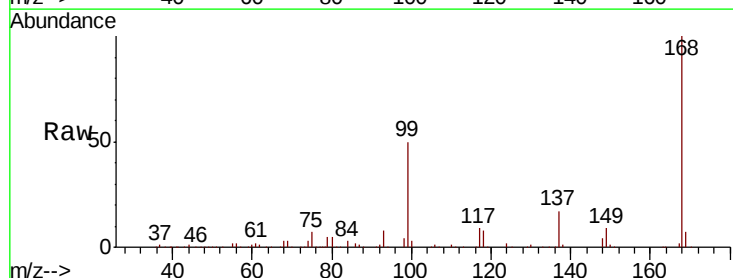
Instrument :
 MSVOA_X
 ClientSampleId :
 RM-WATER-COMP

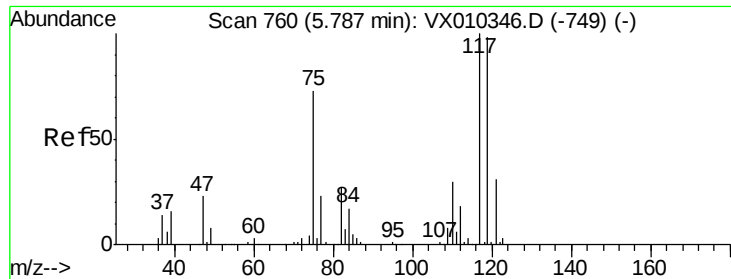
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.2	121.8
192	22.7	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 5.289 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010597.D
 Acq: 01 Jul 2019 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.8	62.2#
77	0.1	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 6.863 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

RM-WATER-COMP

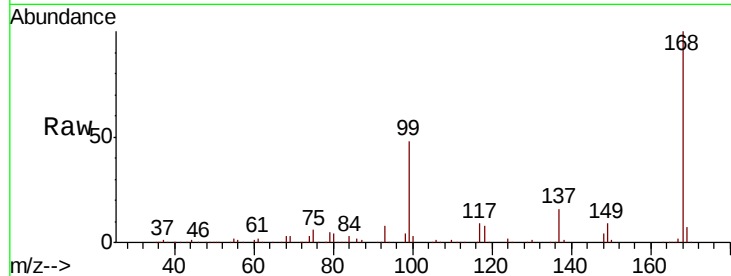
Tot Ion:117 Resp: 22791

Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.4#

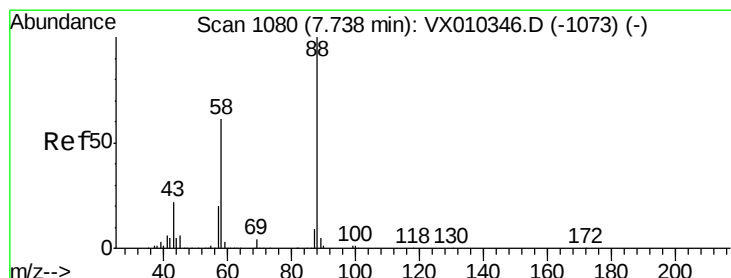
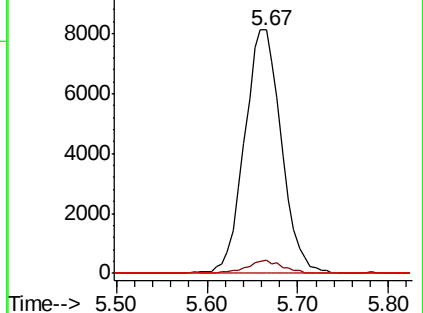
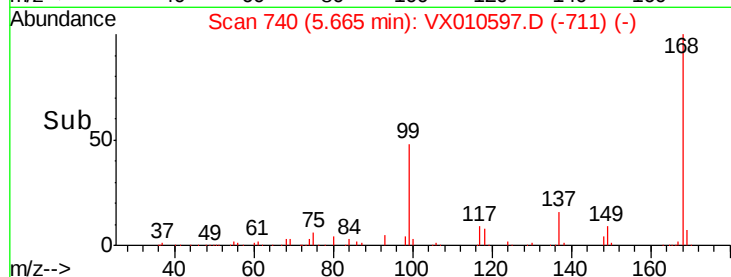
121 0.0 24.7 37.1#



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: 1.760 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010597.D

Acq: 01 Jul 2019 17:41

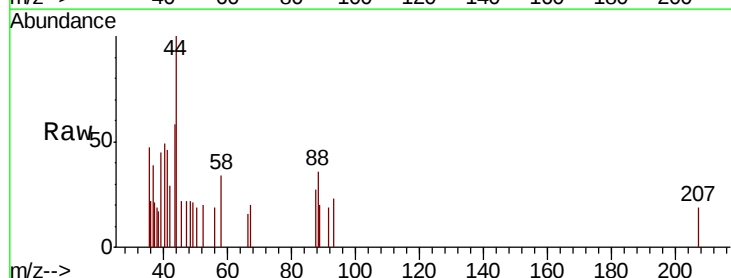
Tgt Ion: 88 Resp: 123

Ion Ratio Lower Upper

88 100

43 261.0 20.2 30.2#

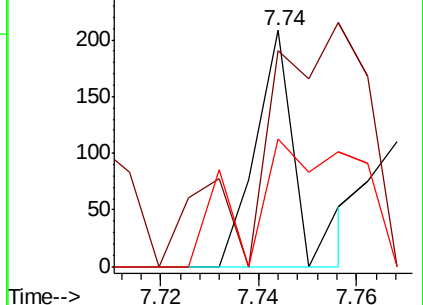
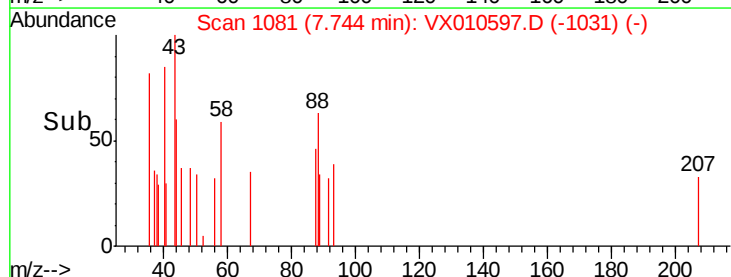
58 140.7 49.5 74.3#

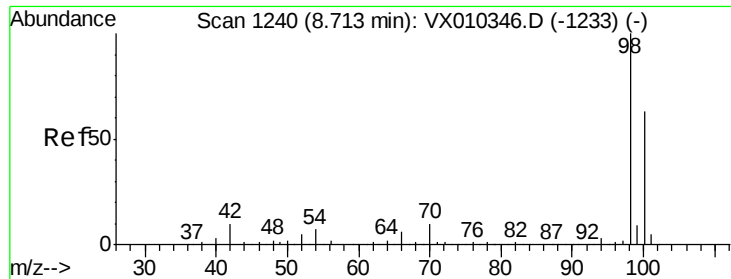


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

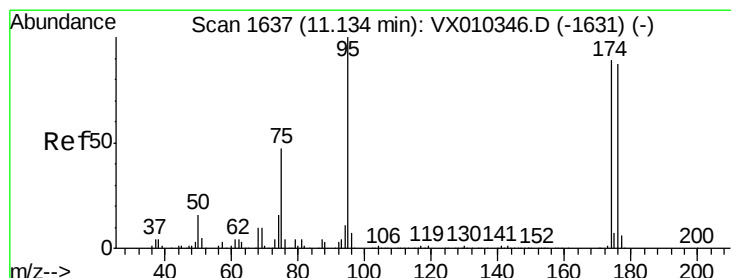
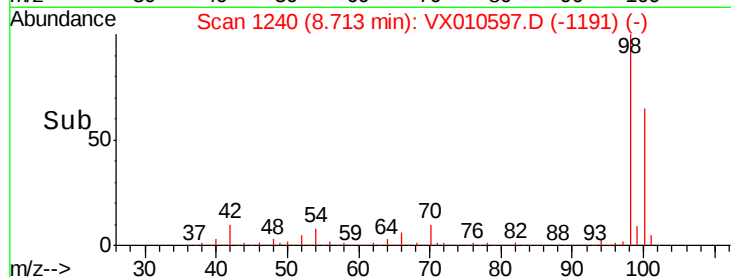
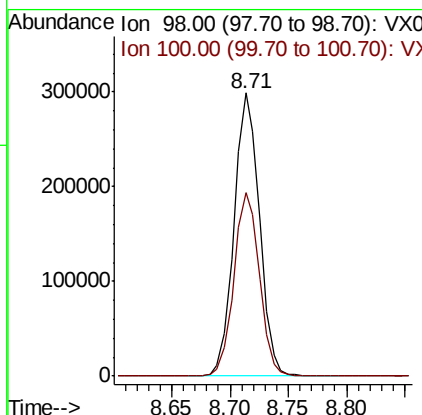
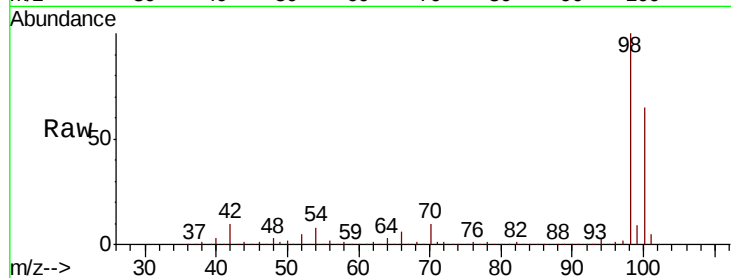




#50
Toluene-d8
Concen: 50.298 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

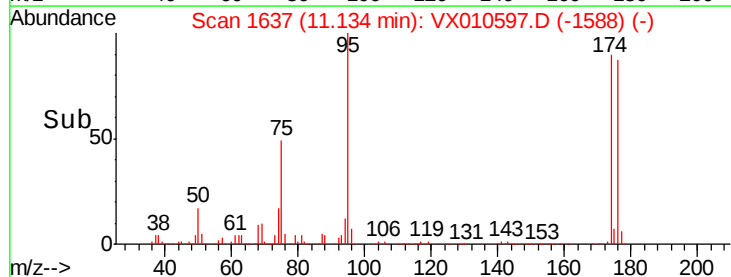
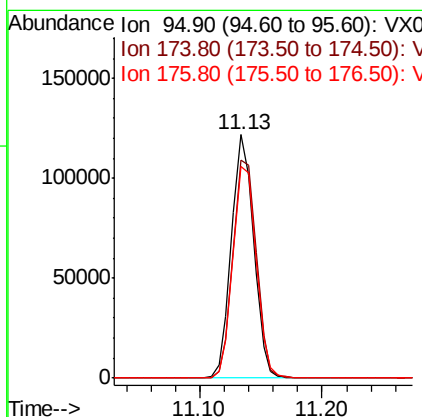
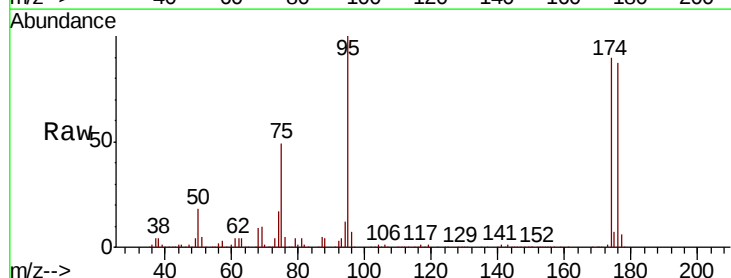
Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

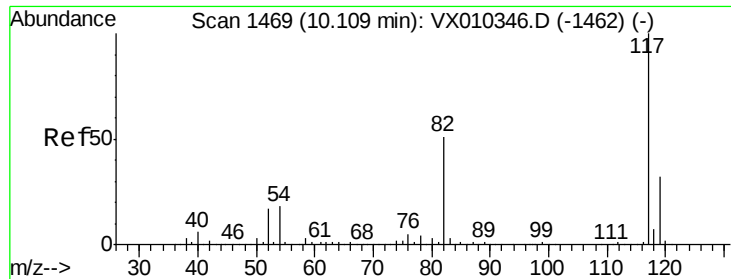
Tot Ion: 98 Resp: 454360
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.902 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

Tgt Ion: 95 Resp: 152960
Ion Ratio Lower Upper
95 100
174 94.3 0.0 187.6
176 91.1 0.0 184.0

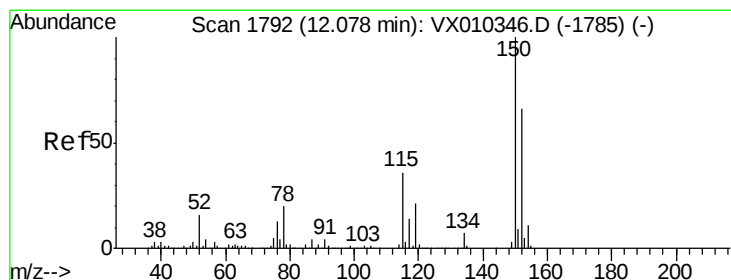
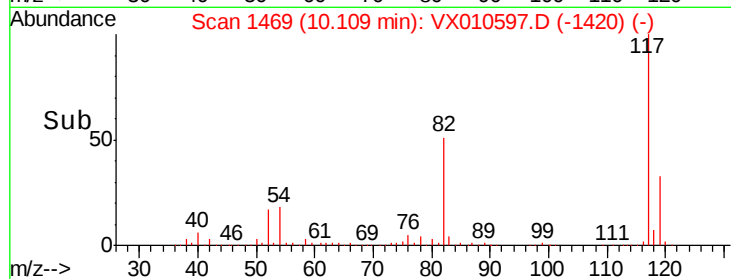
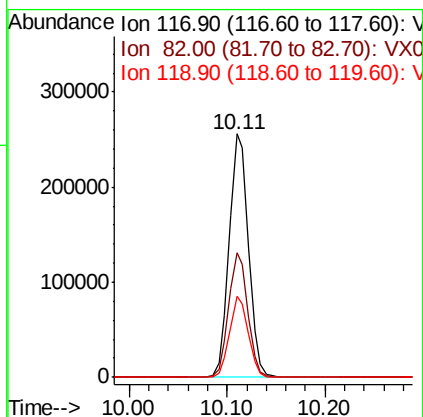
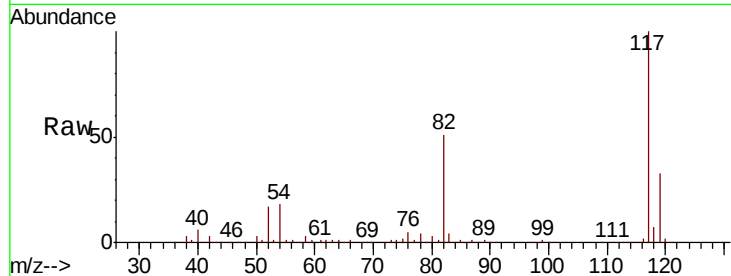




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

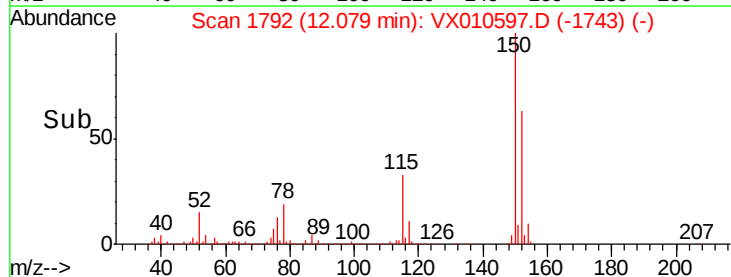
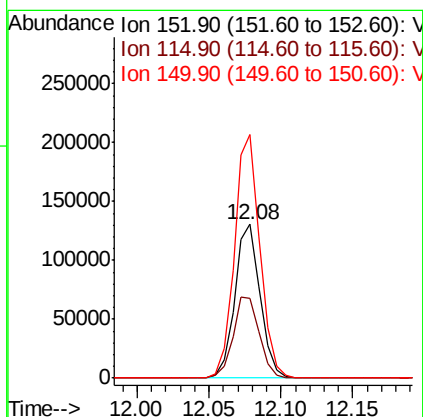
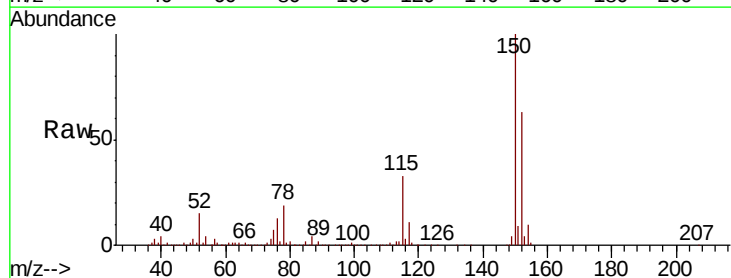
Instrument :
MSVOA_X
ClientSampleId :
RM-WATER-COMP

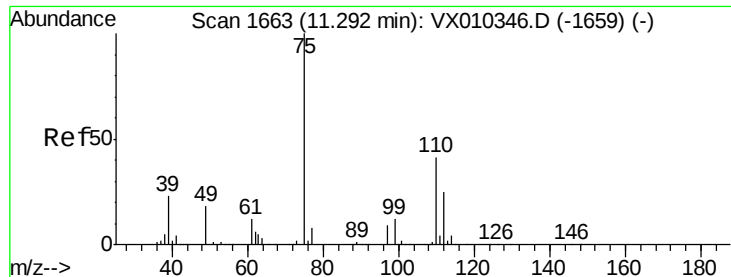
Tot Ion:117 Resp: 350098
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010597.D
Acq: 01 Jul 2019 17:41

Tgt Ion:152 Resp: 160471
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 158.3 0.0 347.4

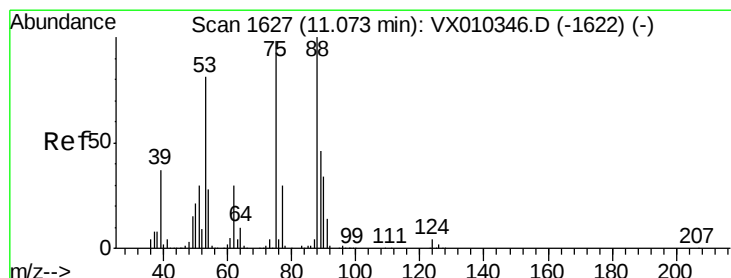
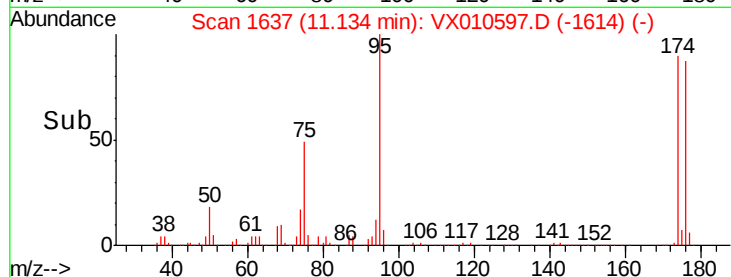
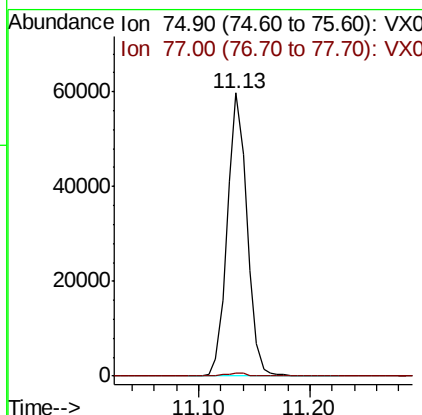
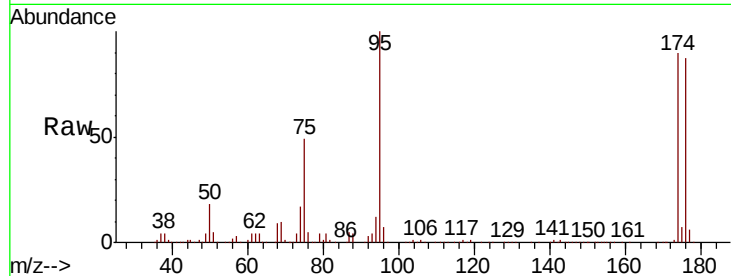




#76
 1,2,3-Trichloropropane
 Concen: 25.056 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010597.D
 Acq: 01 Jul 2019 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RM-WATER-COMP

Tot Ion: 75 Resp: 73269
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.453 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010597.D
 Acq: 01 Jul 2019 17:41

Tgt Ion: 75 Resp: 73269
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

