

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009360.D
 Acq On : 06 May 2019 18:59
 Operator : JC/SP
 Sample : K2696-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190502

Quant Time: May 07 06:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	115788	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	85652	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	346618	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.13	95	112894	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	

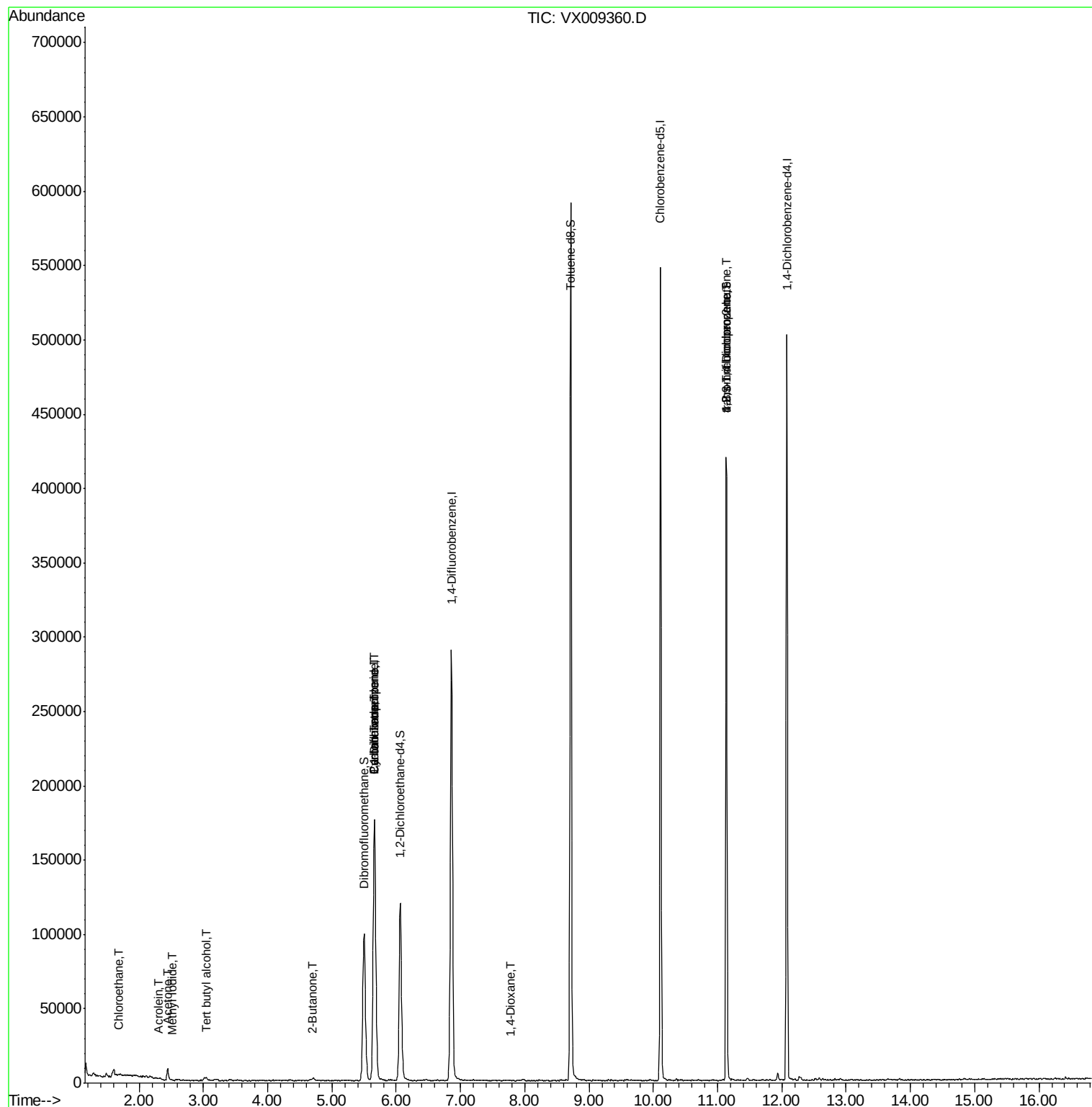
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.67	64	2392	1.754	ug/l #	61
10) Methyl Iodide	2.52	142	20	4.604	ug/l #	42
11) Tert butyl alcohol	3.04	59	2976	5.439	ug/l #	84
13) Acrolein	2.31	56	187	0.377	ug/l #	73
16) Acetone	2.45	43	8449	6.657	ug/l	99
25) 2-Butanone	4.68	43	1032	0.523	ug/l #	53
28) Bromochloromethane	5.05	49	96	Below Cal	#	20
31) Cyclohexane	5.66	56	3759	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13328	5.118	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16543	6.992	ug/l #	17
49) 1,4-Dioxane	7.79	88	22	0.377	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	57338	24.295	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	57338	62.161	ug/l #	11

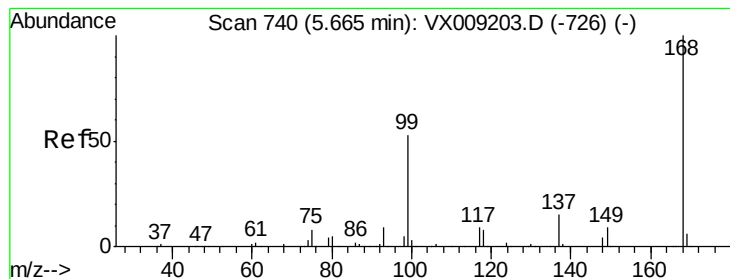
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050619\
Data File : VX009360.D
Acq On : 06 May 2019 18:59
Operator : JC/SP
Sample : K2696-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
WC-20190502

Quant Time: May 07 06:38:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 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: VX009360.D

Acq: 06 May 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

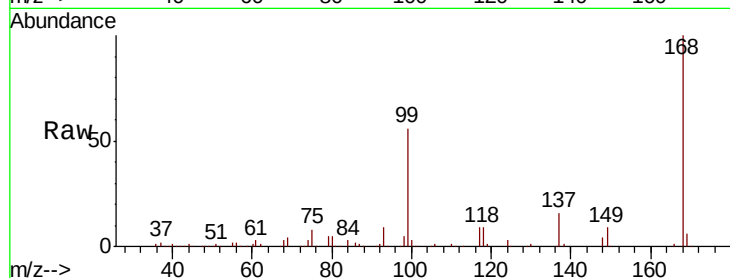
WC-20190502

Tot Ion:168 Resp: 173153

Ion Ratio Lower Upper

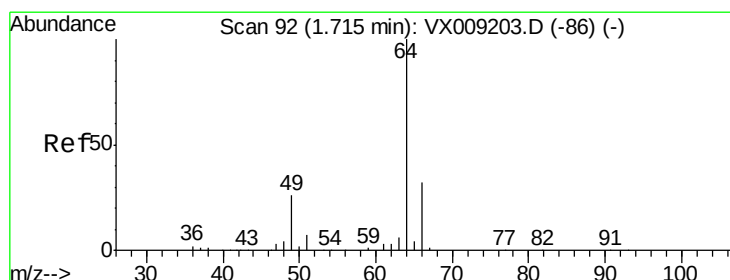
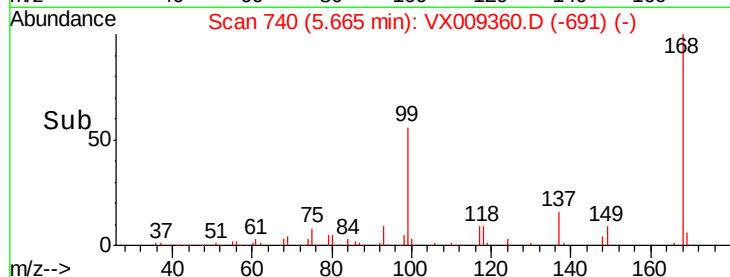
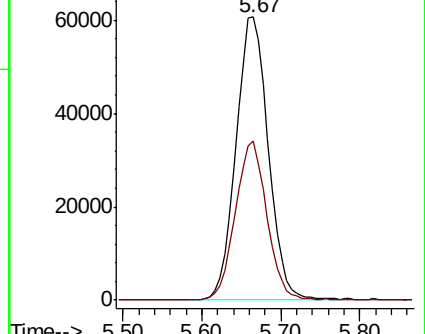
168 100

99 56.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 1.754 ug/l

RT: 1.67 min Scan# 85

Delta R.T. -0.04 min

Lab File: VX009360.D

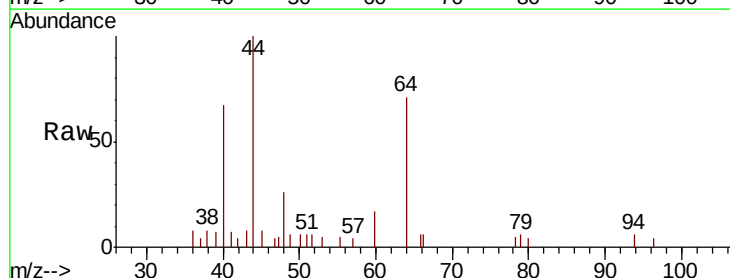
Acq: 06 May 2019 18:59

Tgt Ion: 64 Resp: 2392

Ion Ratio Lower Upper

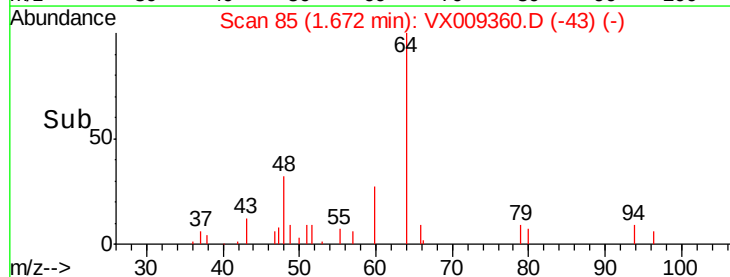
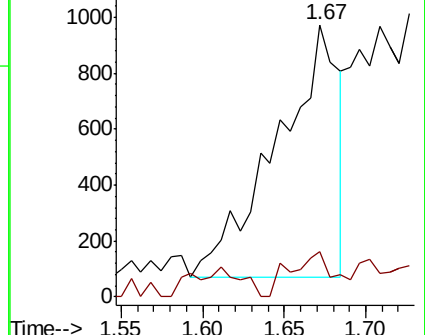
64 100

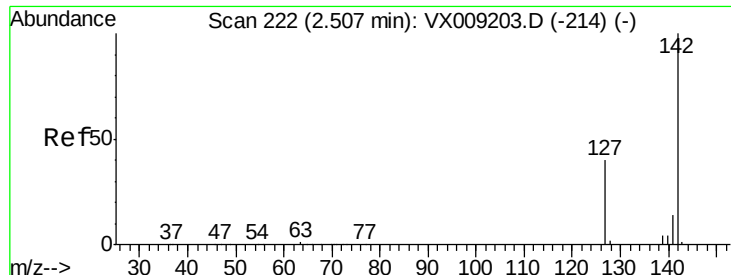
66 10.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

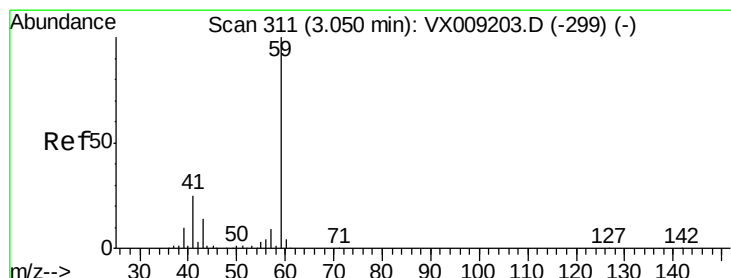
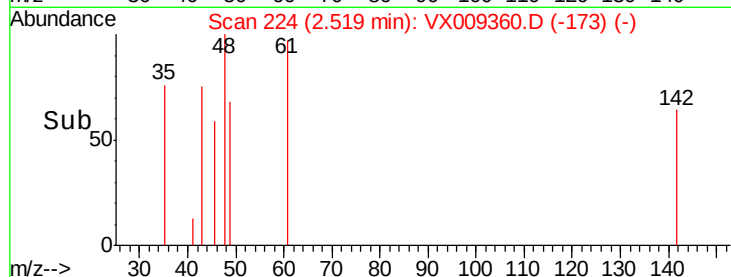
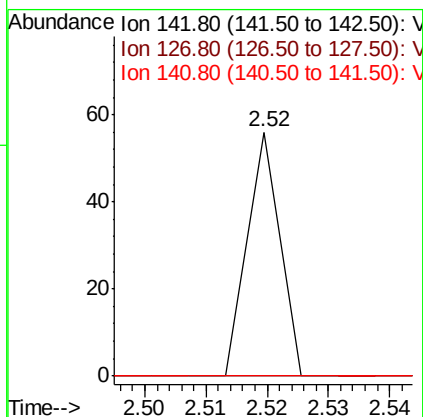
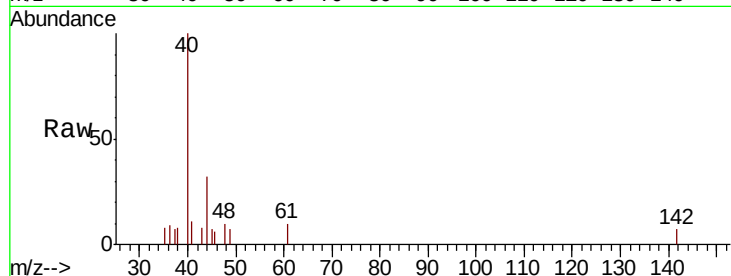




#10
Methvl Iodide
Concen: 4.604 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

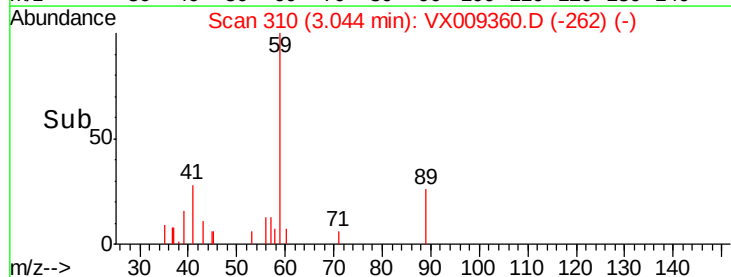
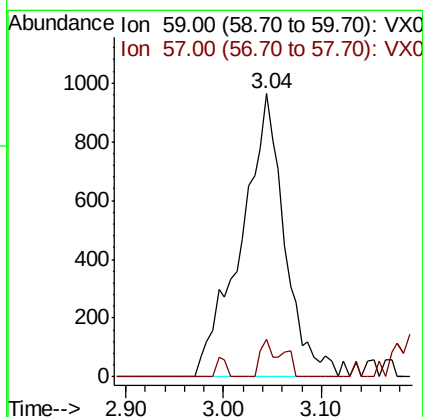
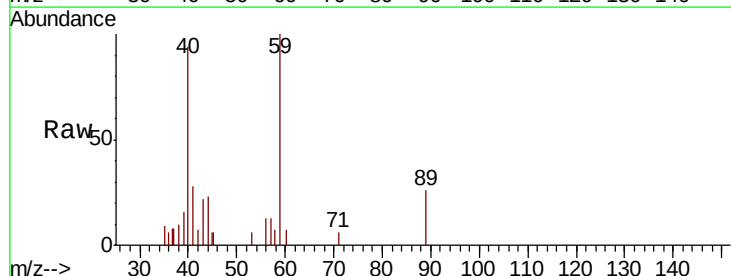
Instrument :
MSVOA_X
ClientSampleId :
WC-20190502

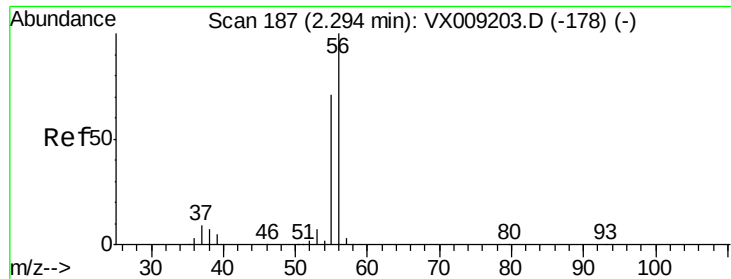
Tot Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 5.439 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

Tgt Ion: 59 Resp: 2976
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.2#

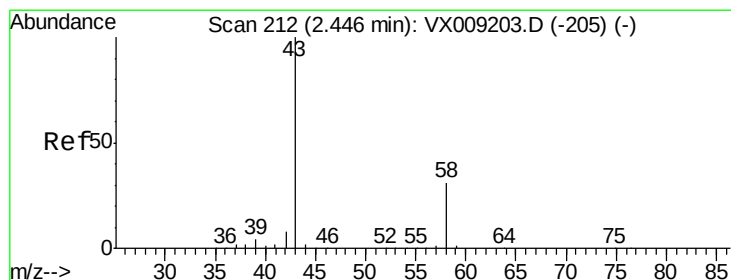
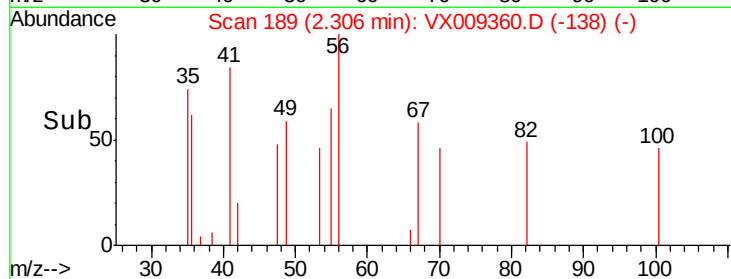
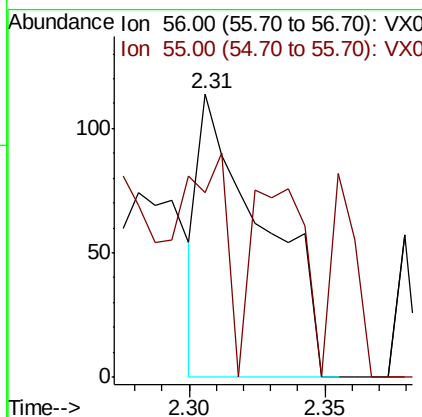
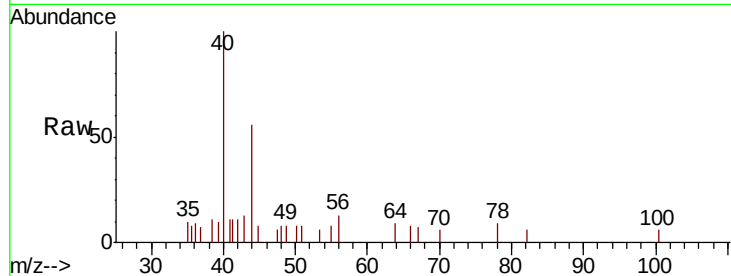




#13
Acrolein
Concen: 0.377 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

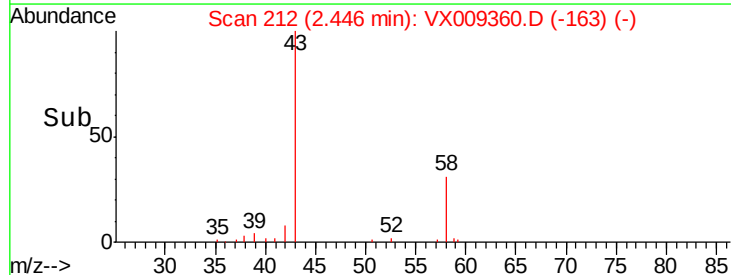
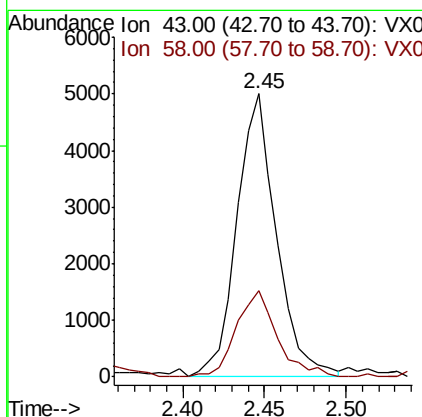
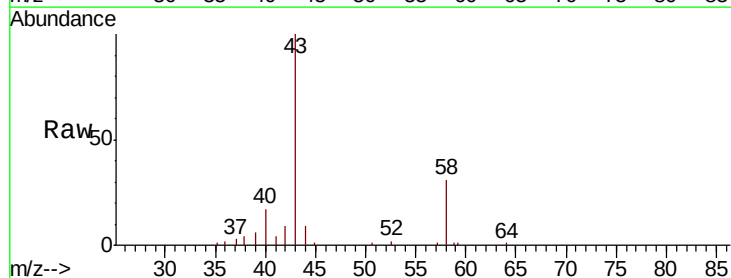
Instrument :
MSVOA_X
ClientSampleId :
WC-20190502

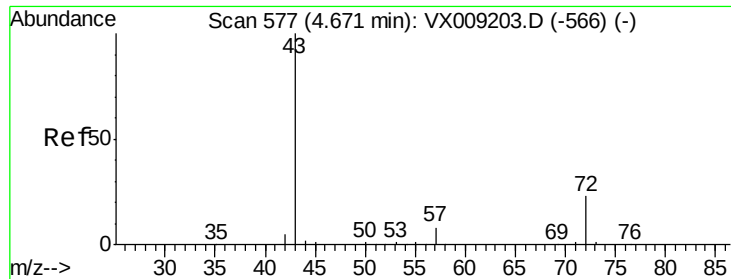
Tot Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 48.1 56.6 85.0#



#16
Acetone
Concen: 6.657 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

Tgt Ion: 43 Resp: 8449
Ion Ratio Lower Upper
43 100
58 30.6 24.9 37.3





#25

2-Butanone

Concen: 0.523 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

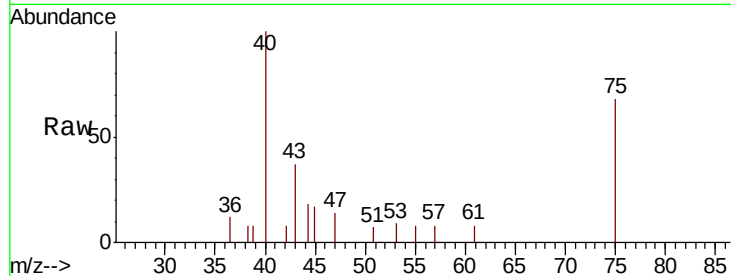
WC-20190502

Tot Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

300

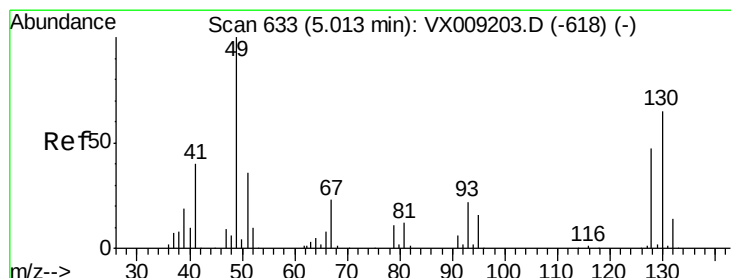
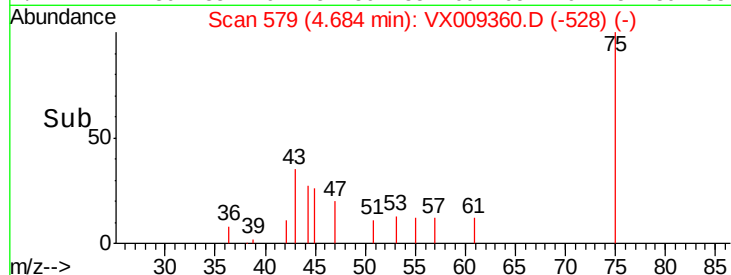
200

100

0

4.60 4.65 4.70 4.75

Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.05 min Scan# 639

Delta R.T. 0.04 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

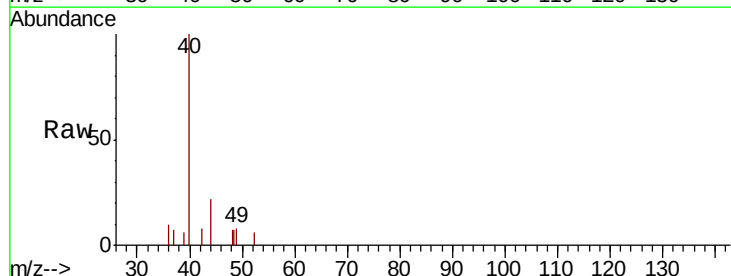
Tgt Ion: 49 Resp: 96

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

100

80

60

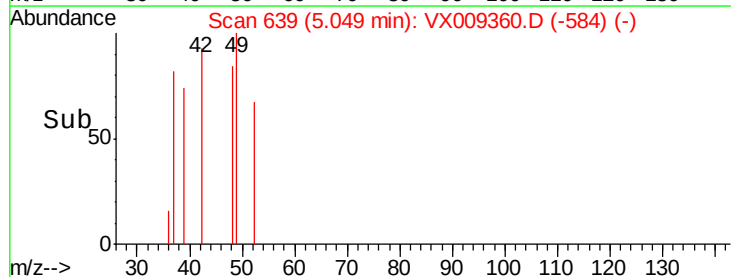
40

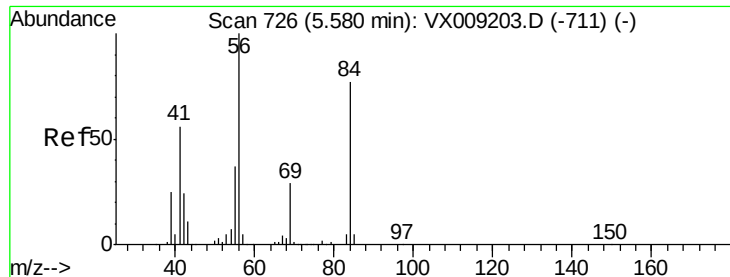
20

0

5.02 5.04 5.06 5.08

Time-->

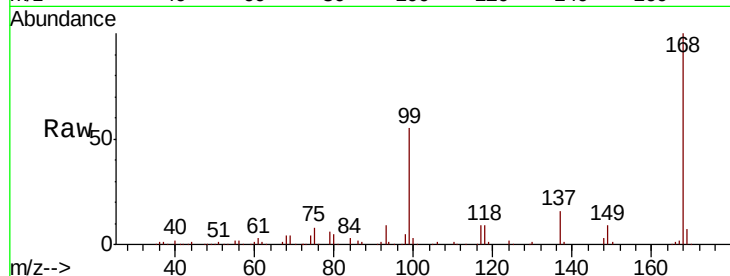




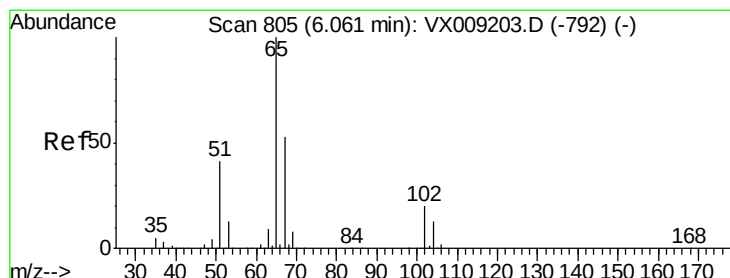
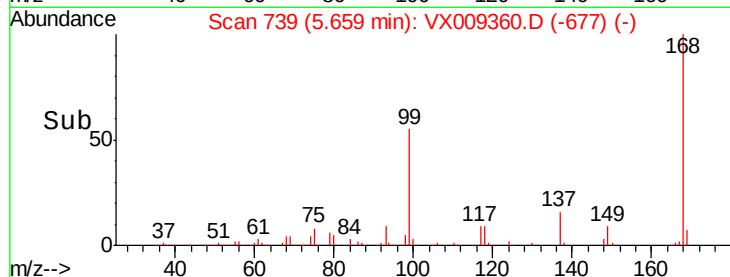
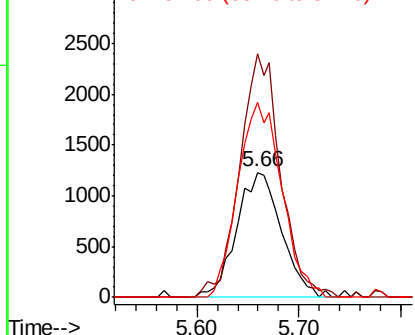
#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
WC-20190502

Tot Ion: 56 Resp: 3759
Ion Ratio Lower Upper
56 100
69 195.4 23.4 35.0#
84 156.6 61.9 92.9#

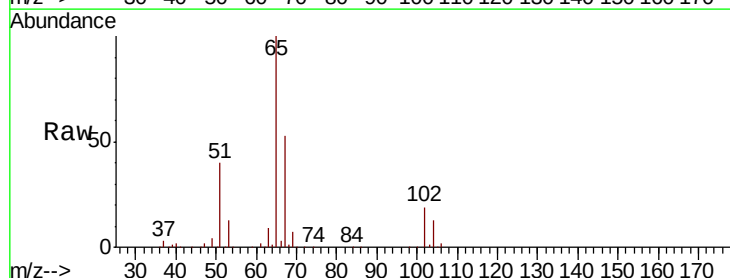


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

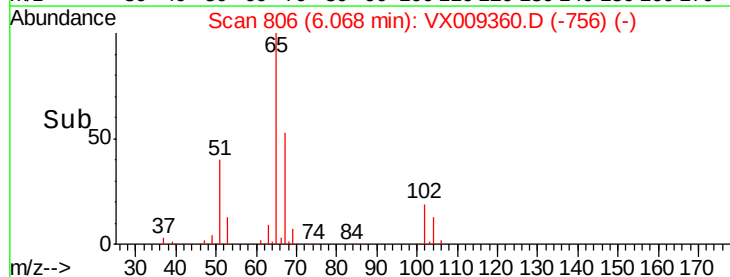
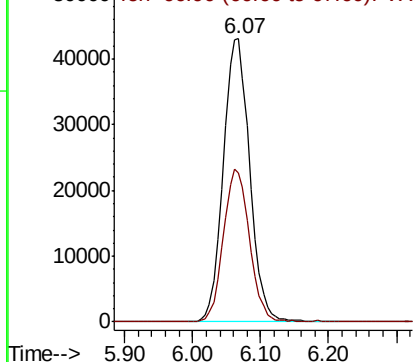


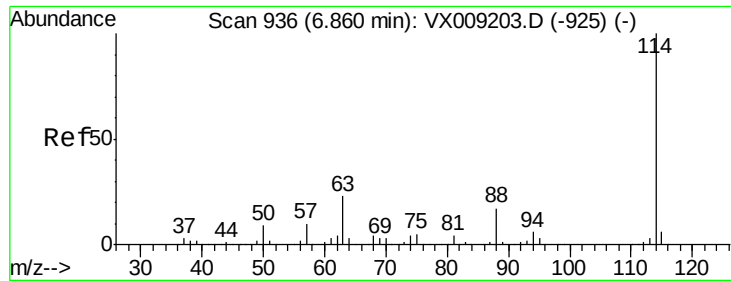
#33
1,2-Dichloroethane-d4
Concen: 48.985 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

Tgt Ion: 65 Resp: 115788
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6



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

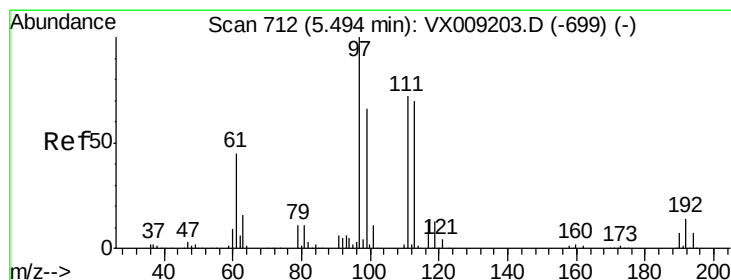
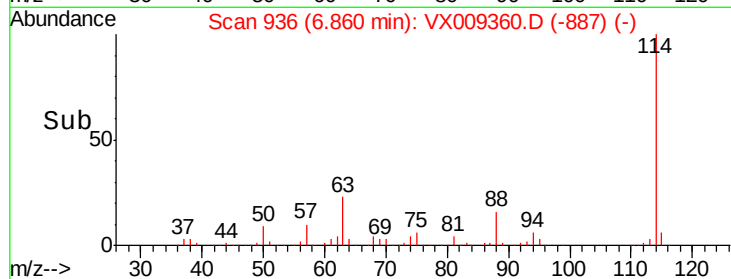
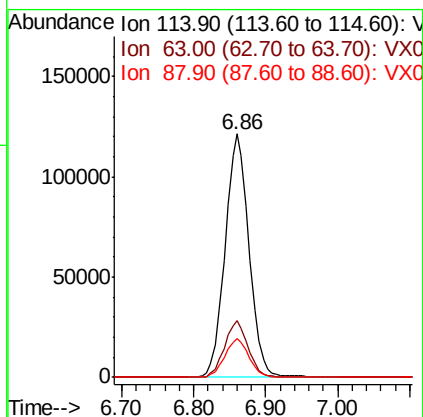
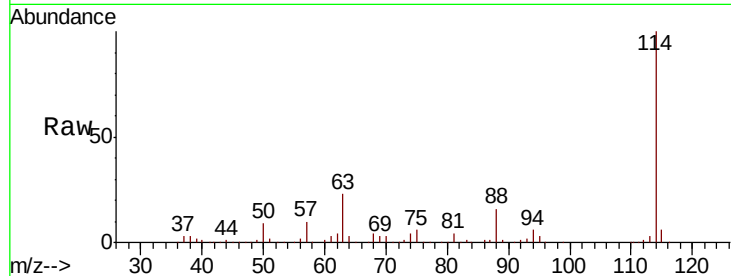




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

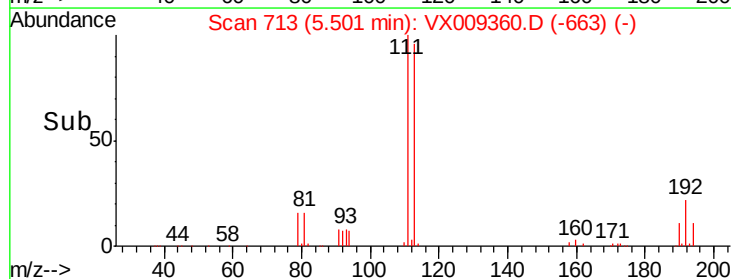
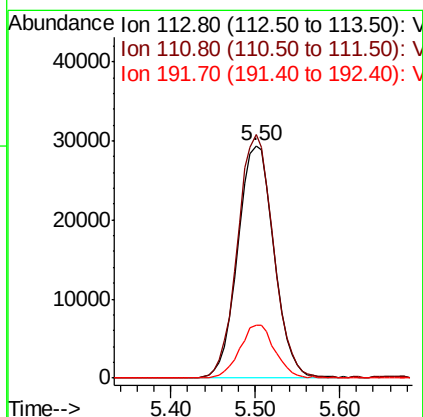
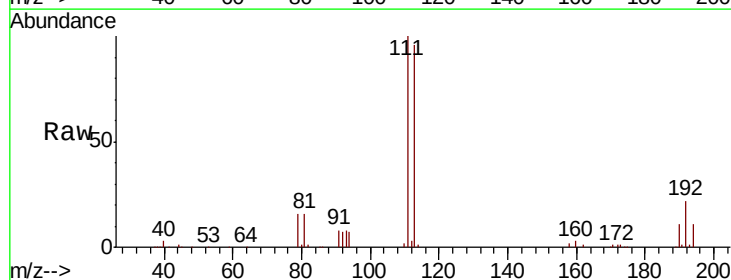
Instrument :
MSVOA_X
ClientSampleId :
WC-20190502

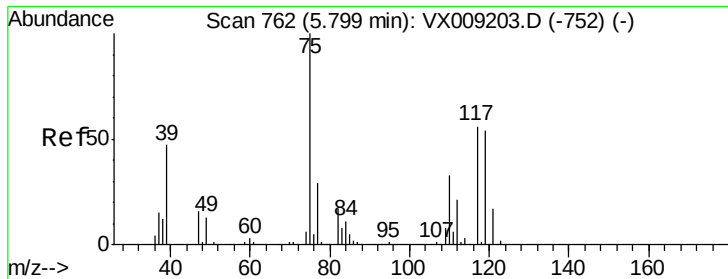
Tot Ion:114 Resp: 280225
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009360.D
Acq: 06 May 2019 18:59

Tgt Ion:113 Resp: 85652
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 22.1 17.0 25.6

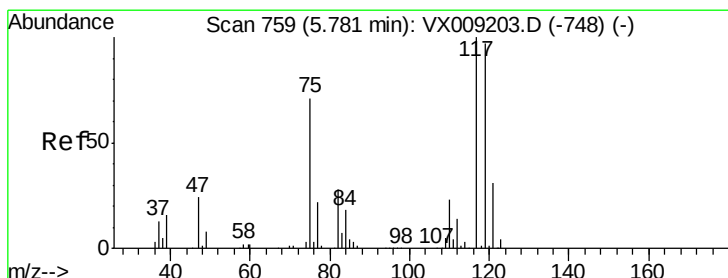
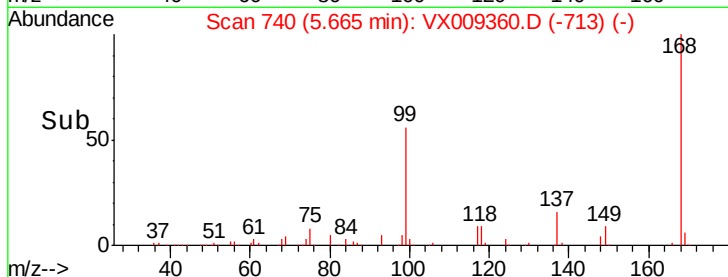
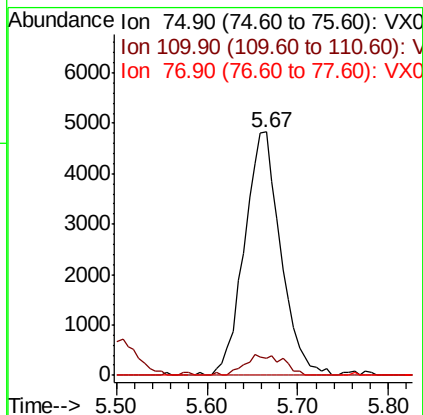
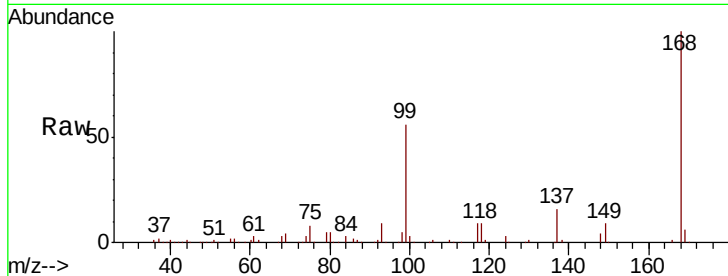




#36
 1,1-Dichloropropene
 Concen: 5.118 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009360.D
 Acq: 06 May 2019 18:59

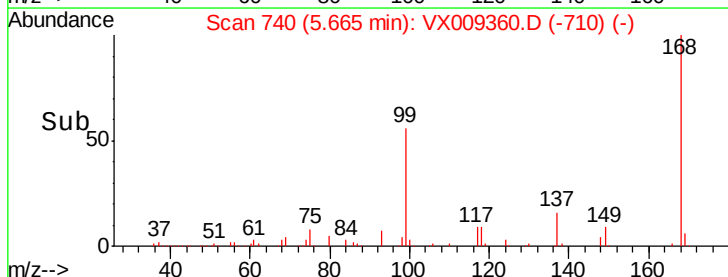
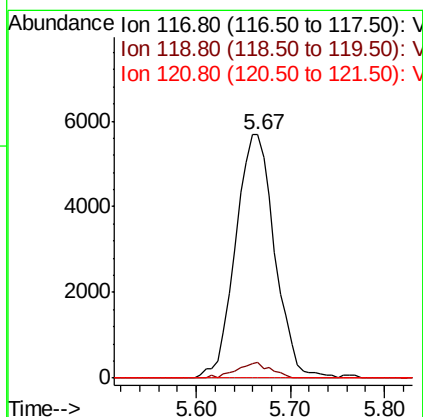
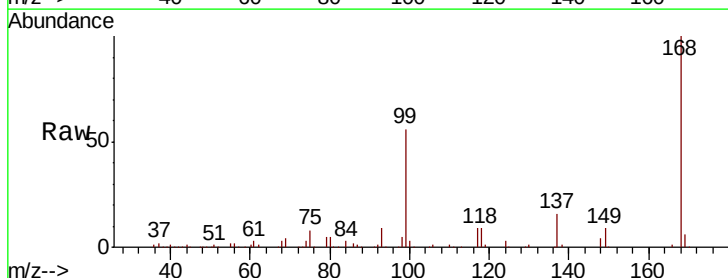
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190502

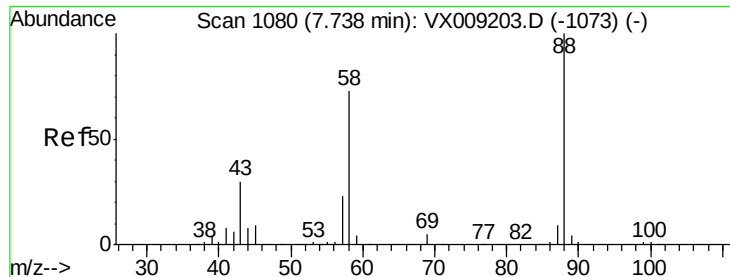
Tot Ion: 75 Resp: 13328
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.992 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009360.D
 Acq: 06 May 2019 18:59

Tgt Ion: 117 Resp: 16543
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.5 116.3#
 121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 0.377 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.05 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

Instrument :

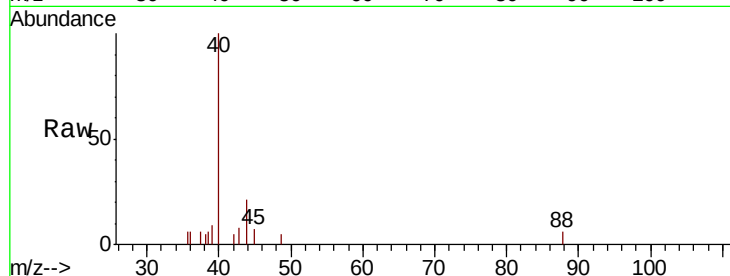
MSVOA_X

ClientSampleId :

WC-20190502

Tot Ion: 88 Resp: 22

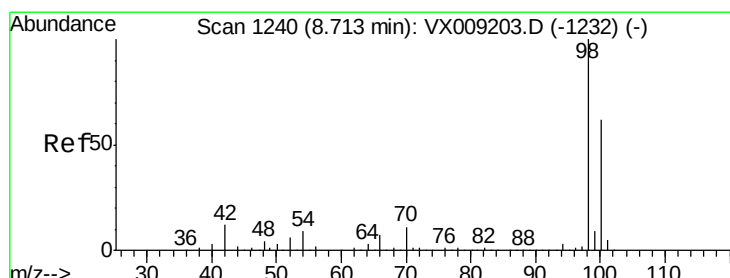
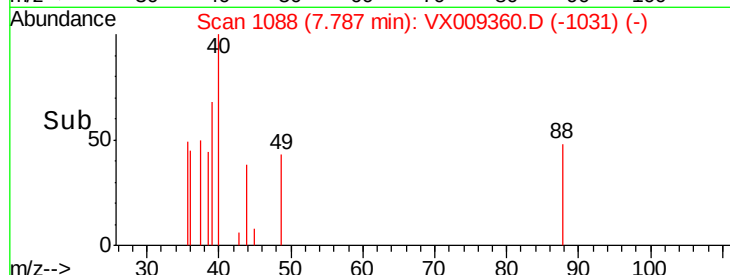
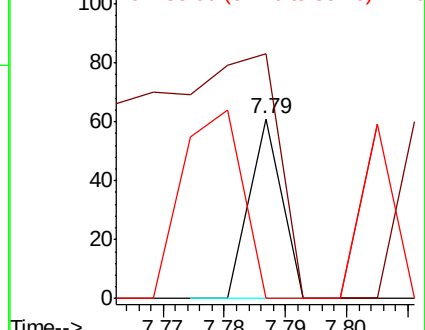
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	200.0	61.7	92.5#



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: 48.737 ug/l

RT: 8.71 min Scan# 1240

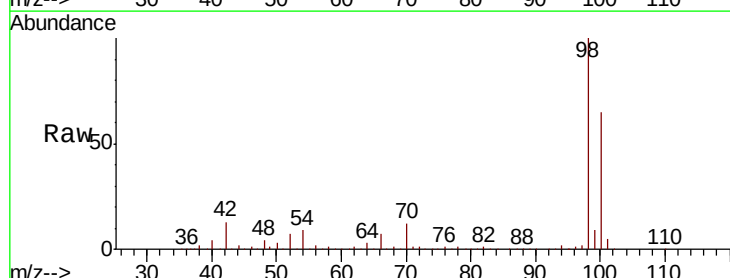
Delta R.T. -0.00 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

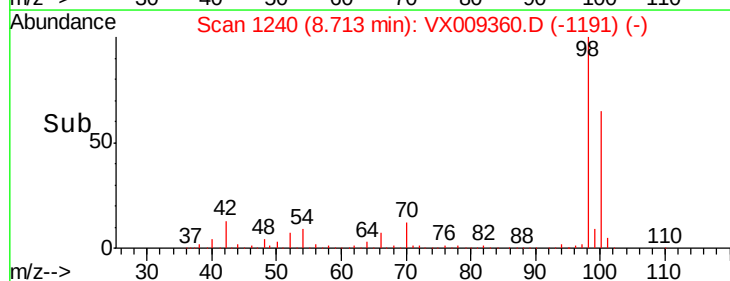
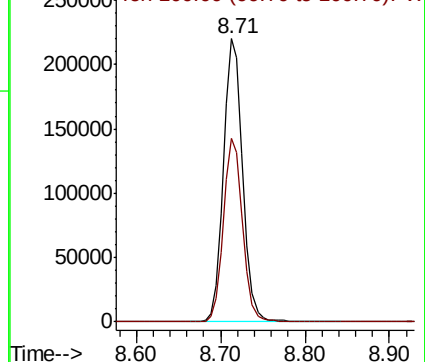
Tgt Ion: 98 Resp: 346618

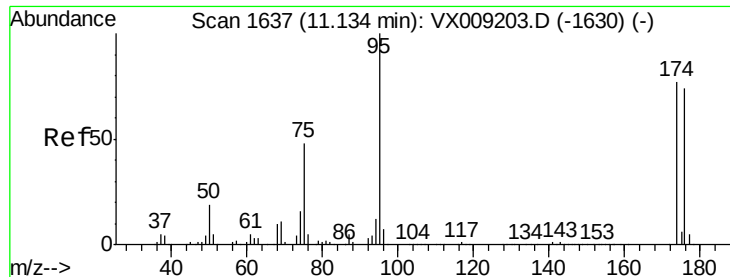
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.685 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WC-20190502

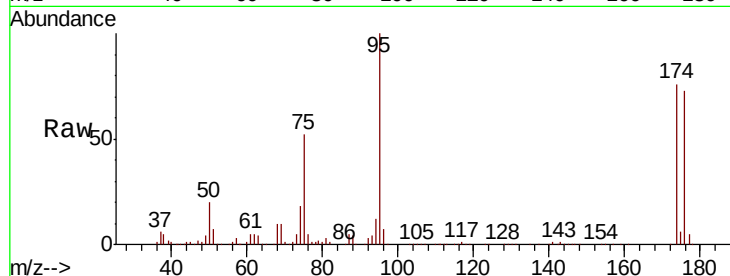
Tot Ion: 95 Resp: 112894

Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.6

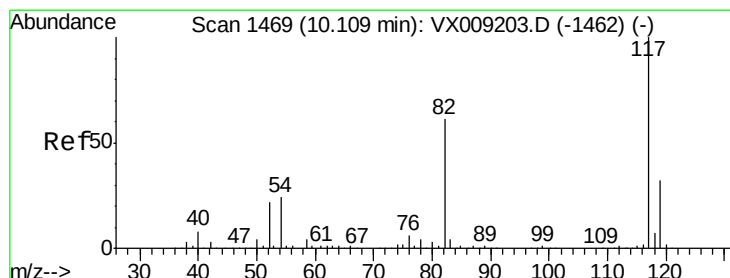
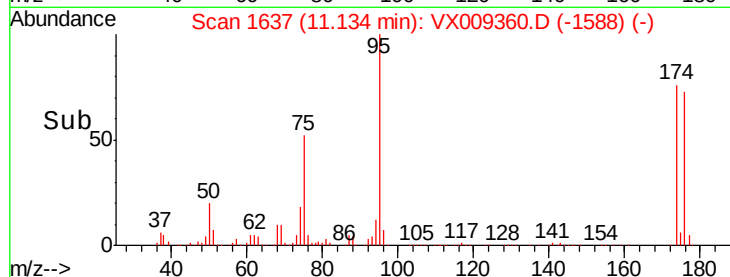
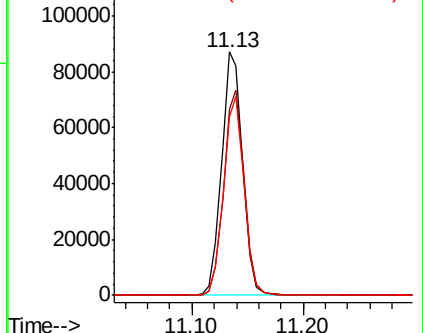
176 79.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009360.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009360.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009360.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

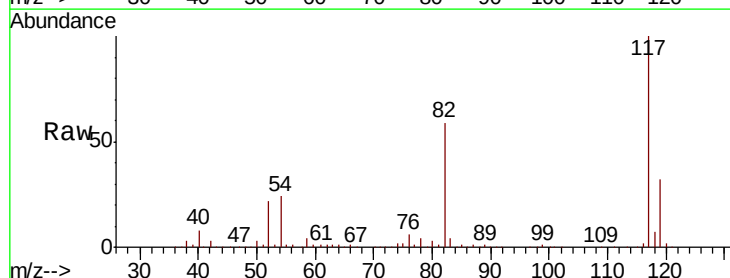
Tgt Ion: 117 Resp: 242998

Ion Ratio Lower Upper

117 100

82 59.3 48.8 73.2

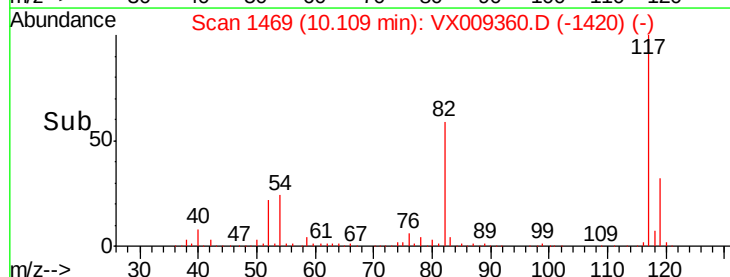
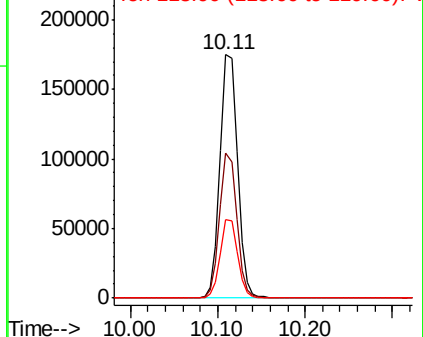
119 32.3 25.8 38.6

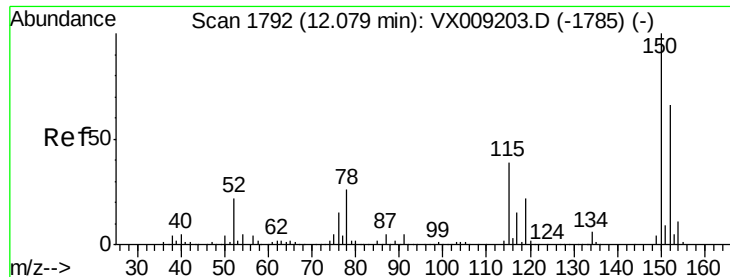


Abundance Ion 116.90 (116.60 to 117.60): VX009360.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009360.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009360.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WC-20190502

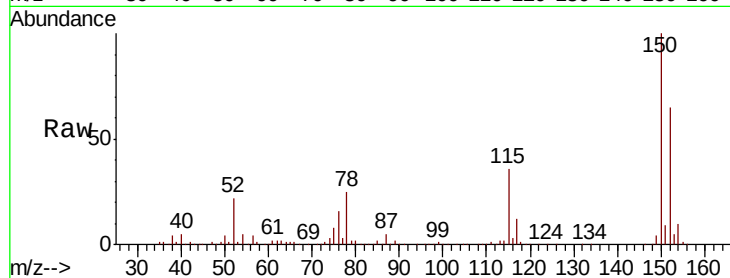
Tot Ion:152 Resp: 101745

Ion Ratio Lower Upper

152 100

115 58.5 41.2 123.6

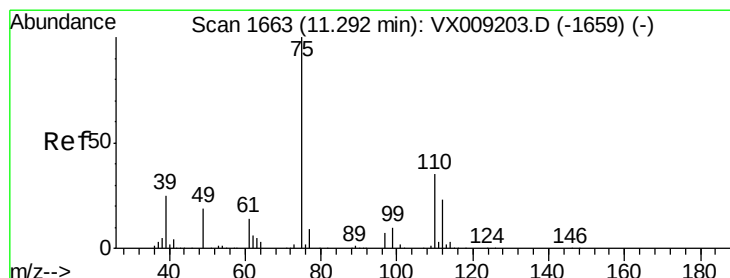
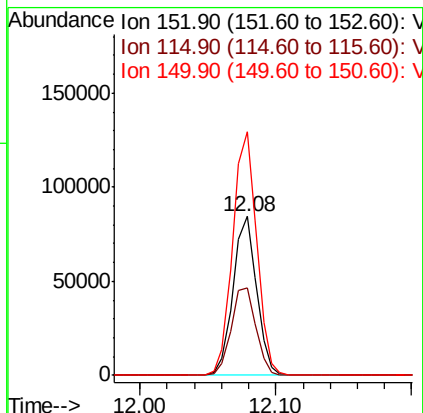
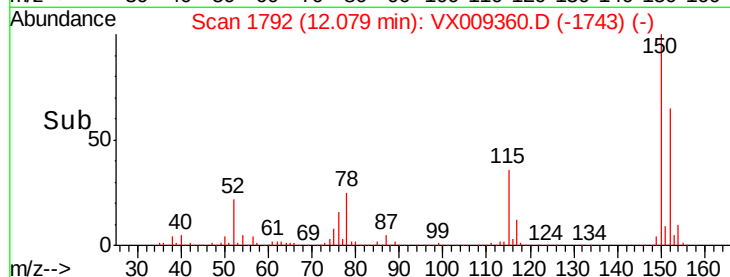
150 156.3 0.0 346.4



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: 24.295 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009360.D

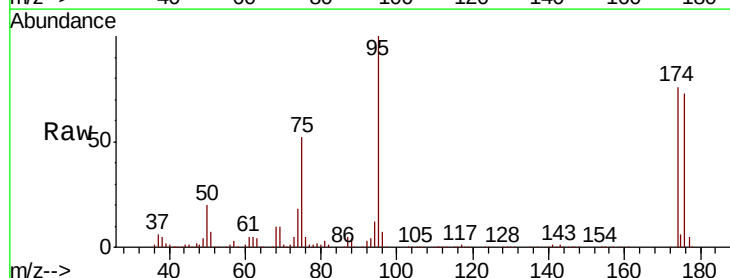
Acq: 06 May 2019 18:59

Tgt Ion: 75 Resp: 57338

Ion Ratio Lower Upper

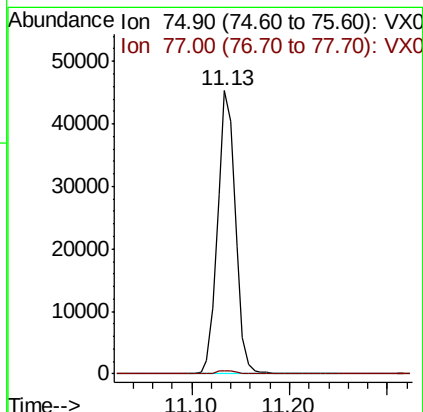
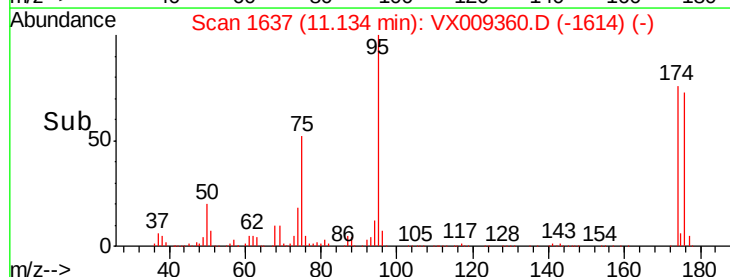
75 100

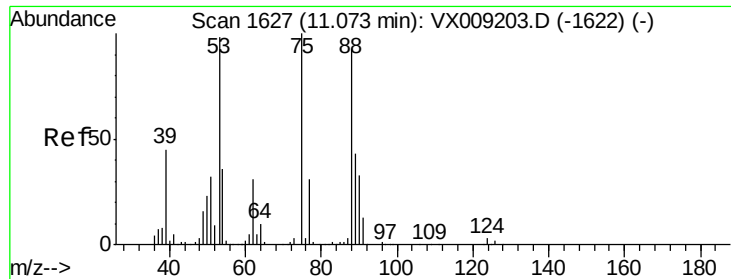
77 1.3 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 62.161 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009360.D

Acq: 06 May 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

WC-20190502

Tot Ion: 75 Resp: 57338

Ion Ratio Lower Upper

75 100

53 0.4 79.0 118.6#

89 0.1 34.7 52.1#

