

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007799.D
 Acq On : 01 Mar 2019 19:26
 Operator : JC/SP
 Sample : K1708-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 01 22:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	335213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	520491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236380	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	191592	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
35) Dibromofluoromethane	5.51	113	173542	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	8.71	98	630985	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.13	95	228061	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	

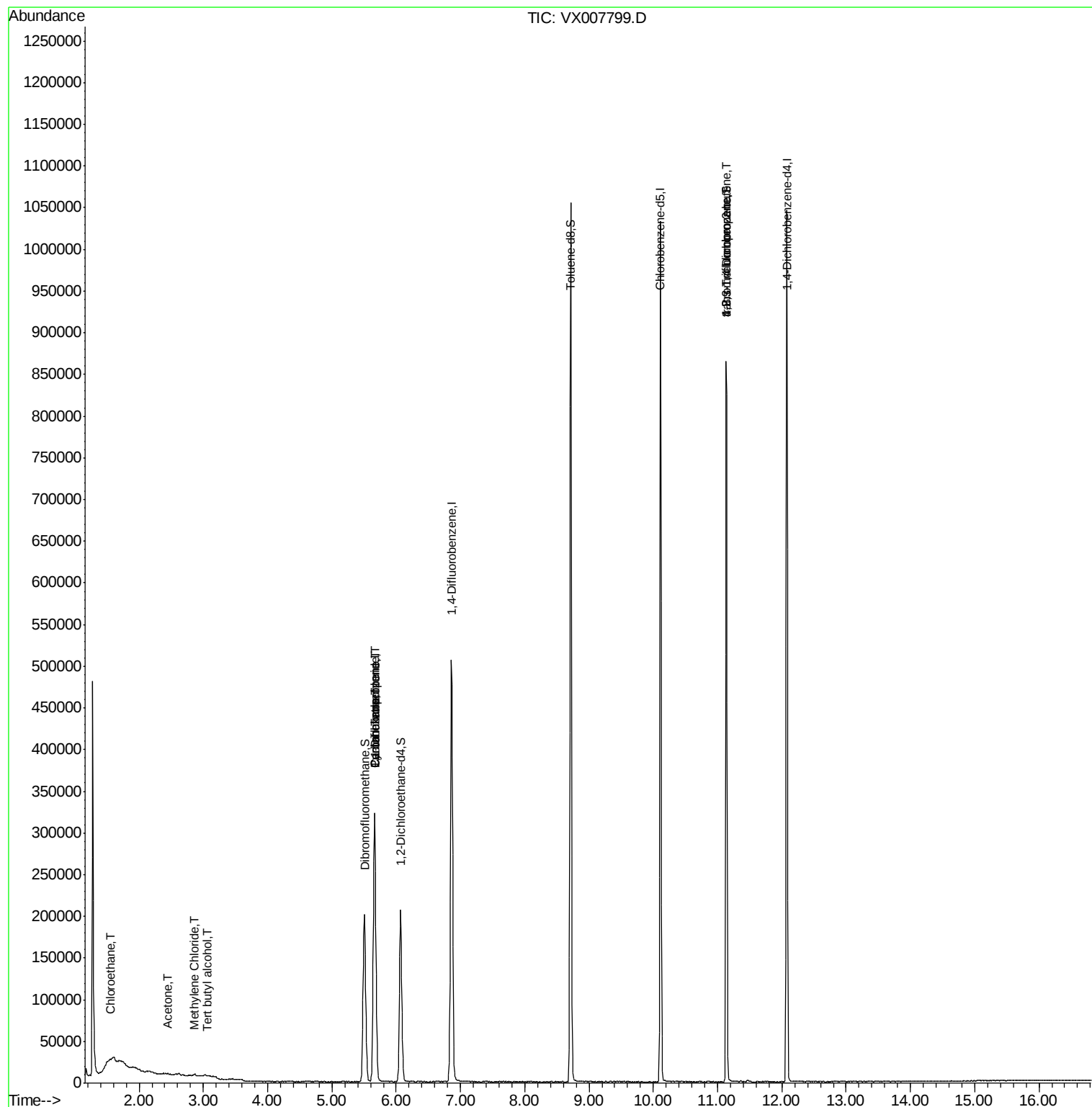
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	359	Below Cal		83
6) Chloroethane	1.55	64	42819	19.090	ug/l #	51
11) Tert butyl alcohol	3.07	59	198	0.251	ug/l #	71
16) Acetone	2.45	43	1030	0.558	ug/l	98
20) Methylene Chloride	2.86	84	747	0.219	ug/l #	92
31) Cyclohexane	5.66	56	5578	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	21344	4.561	ug/l #	47
38) Carbon Tetrachloride	5.66	117	29001	6.170	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	106978	21.232	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	106978	56.481	ug/l #	9

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

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 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: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

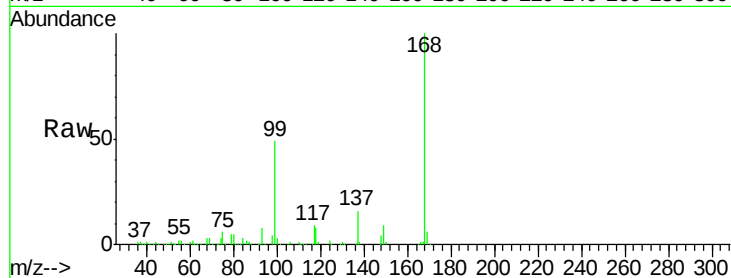
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 335213

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

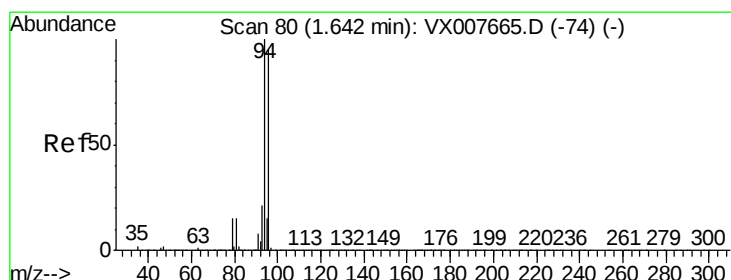
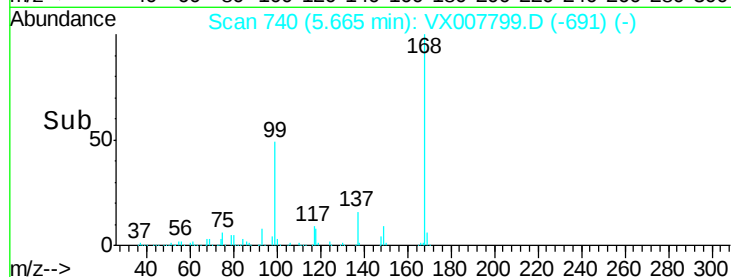
5.66

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007799.D

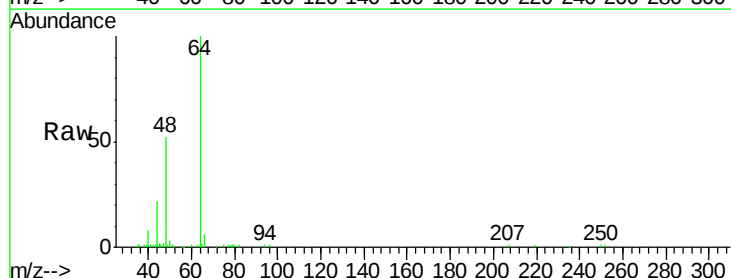
Acq: 01 Mar 2019 19:26

Tgt Ion: 94 Resp: 359

Ion Ratio Lower Upper

94 100

96 76.3 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

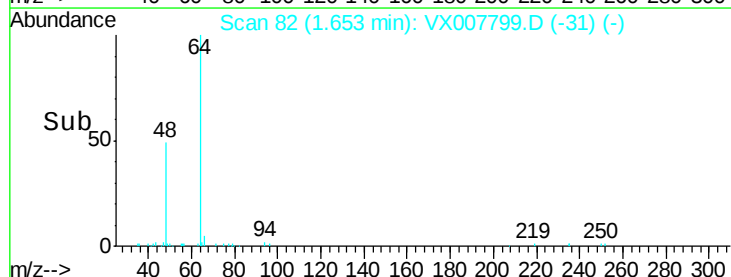
150

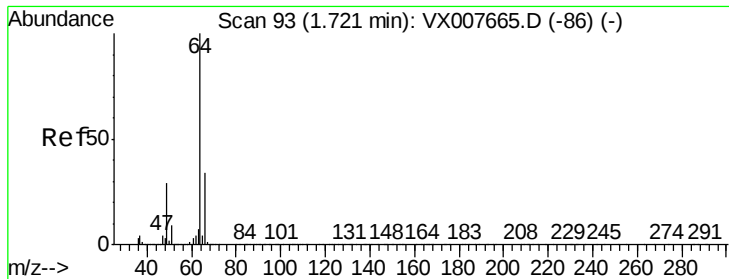
100

50

0

Time-->





#6

Chloroethane

Concen: 19.090 ug/l

RT: 1.55 min Scan# 65

Delta R.T. -0.17 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

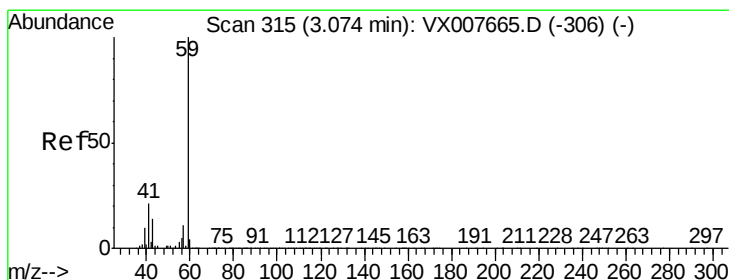
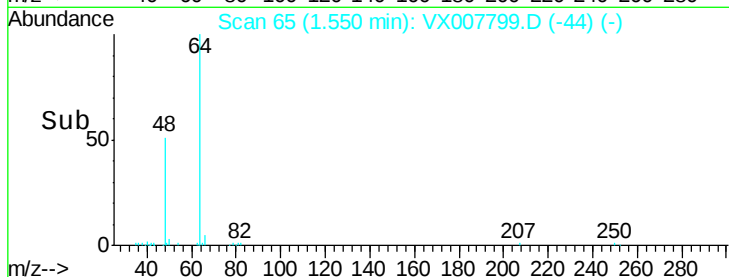
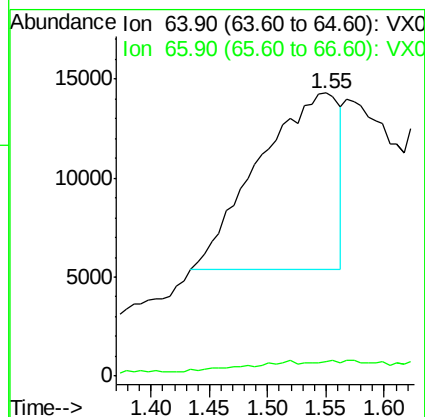
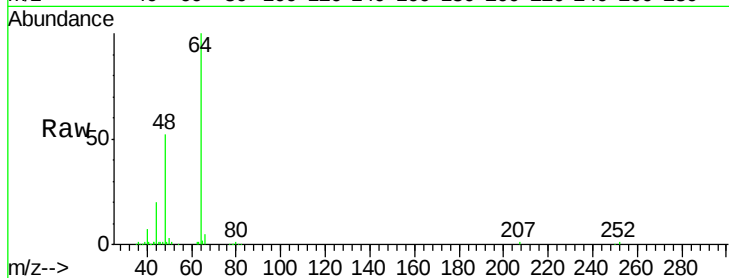
STORAGE-BLANK-WATER-REF-5

Tot Ion: 64 Resp: 42819

Ion Ratio Lower Upper

64 100

66 4.6 25.5 38.3#



#11

Tert butyl alcohol

Concen: 0.251 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007799.D

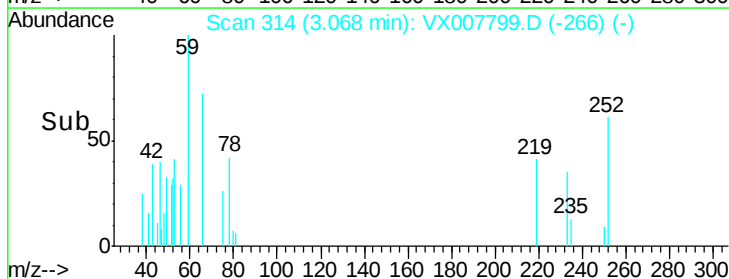
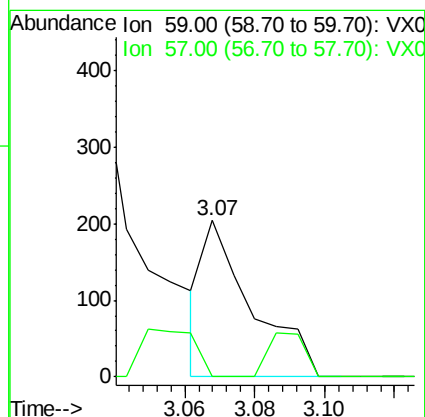
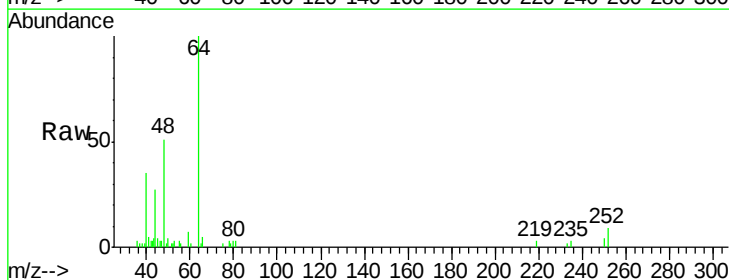
Acq: 01 Mar 2019 19:26

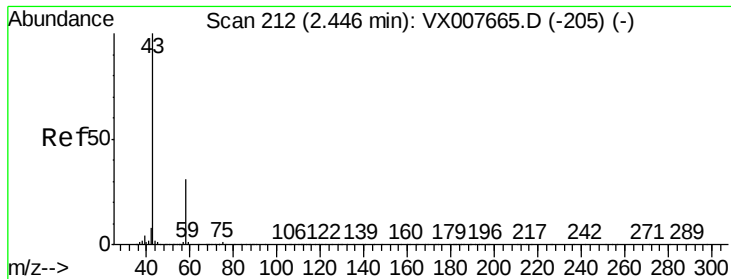
Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

59 100

57 20.7 8.1 12.1#





#16

Acetone

Concen: 0.558 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

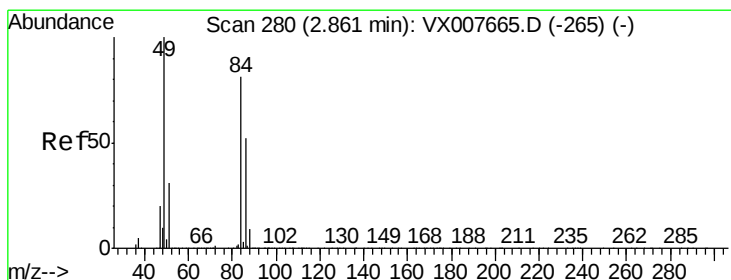
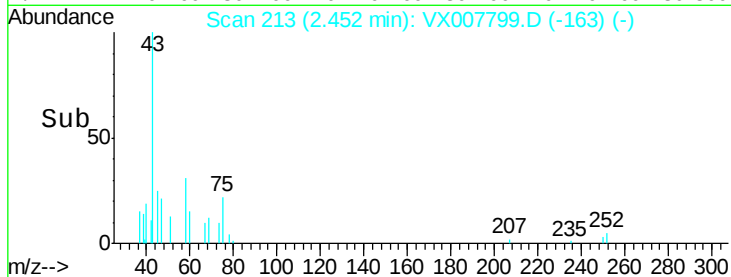
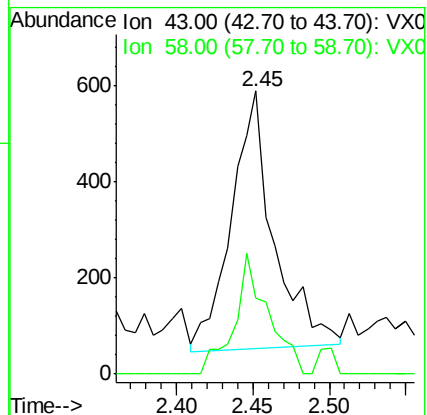
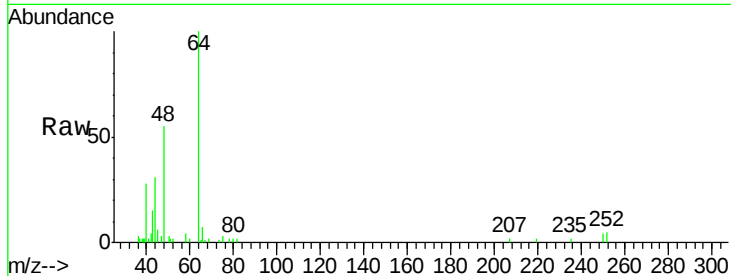
STORAGE-BLANK-WATER-REF-5

Tot Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3



#20

Methylene Chloride

Concen: 0.219 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Tgt Ion: 84 Resp: 747

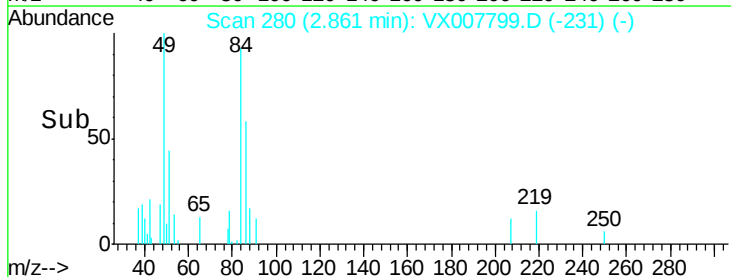
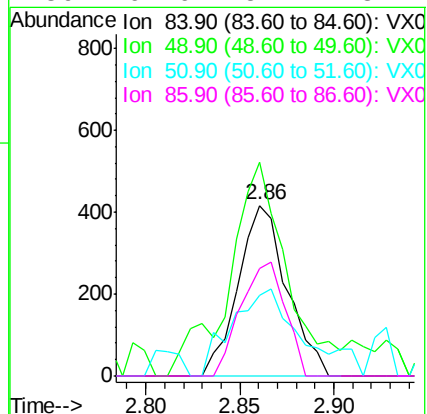
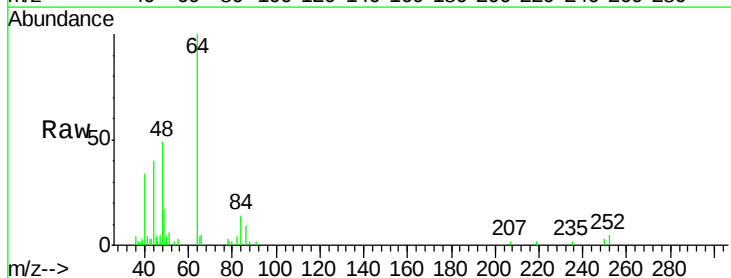
Ion Ratio Lower Upper

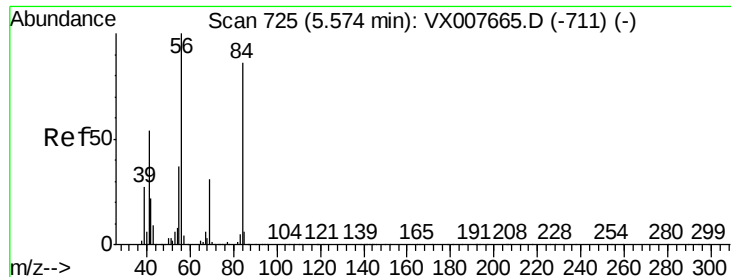
84 100

49 110.6 94.8 142.2

51 47.0 29.8 44.8#

86 62.6 54.1 81.1

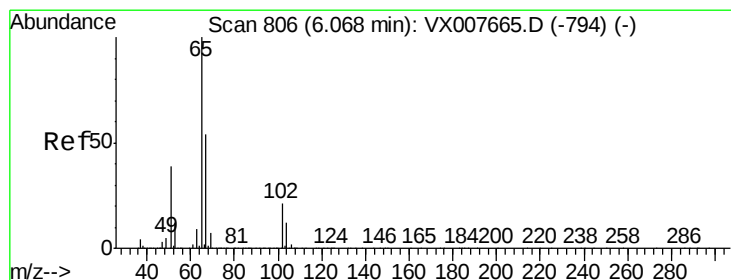
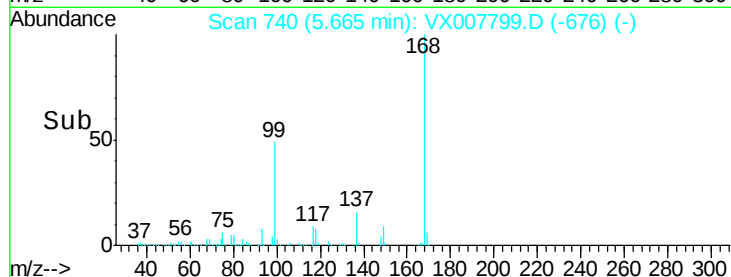
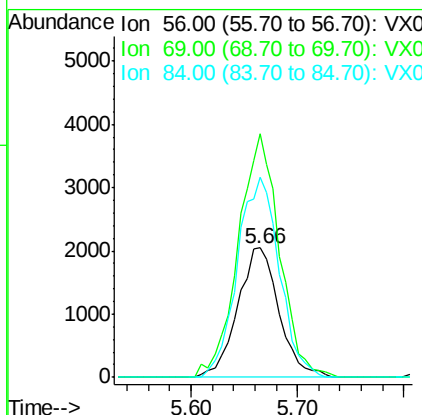
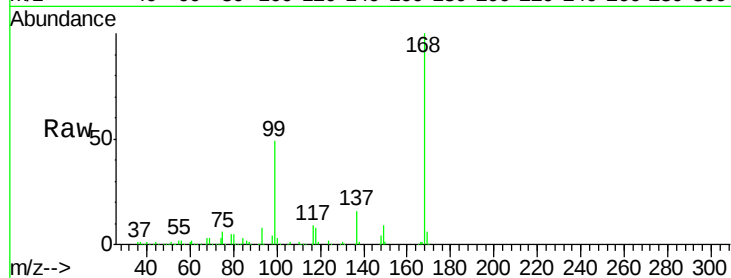




#31
Cyclohexane
Concen: 0.967 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007799.D
Acq: 01 Mar 2019 19:26

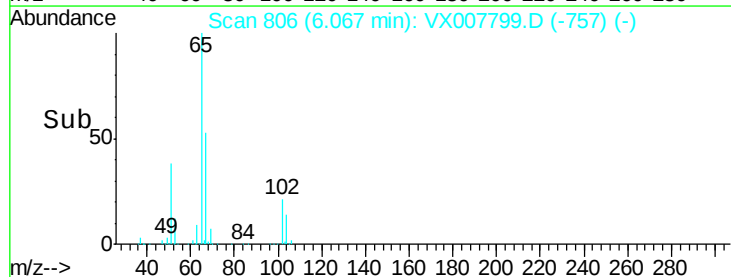
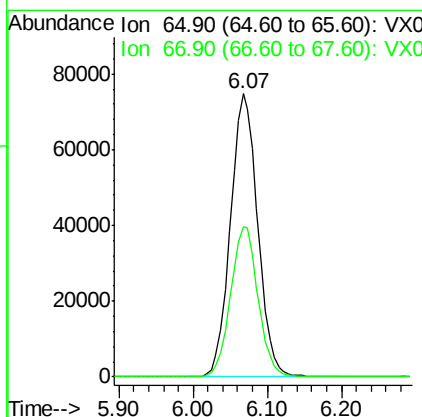
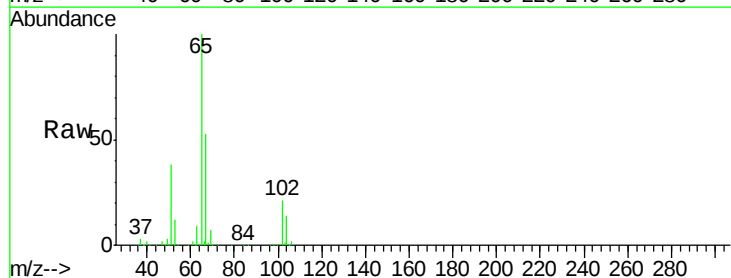
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

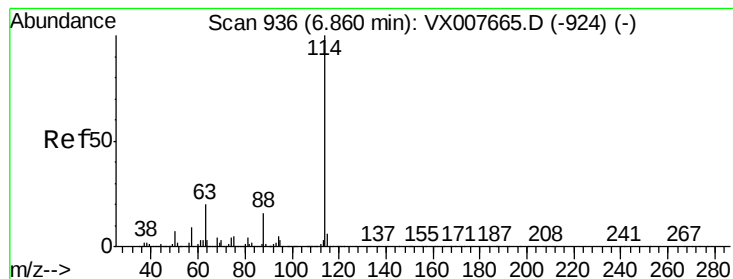
Tot Ion: 56 Resp: 5578
Ion Ratio Lower Upper
56 100
69 188.1 23.0 34.6#
84 154.5 69.8 104.6#



#33
1,2-Dichloroethane-d4
Concen: 46.142 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007799.D
Acq: 01 Mar 2019 19:26

Tgt Ion: 65 Resp: 191592
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

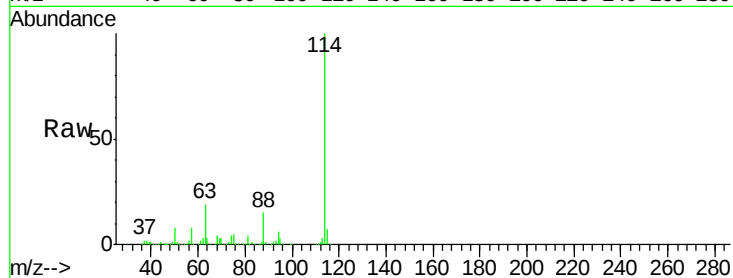
Tot Ion:114 Resp: 520491

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.6

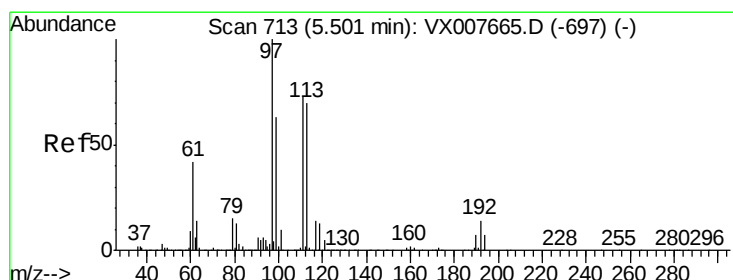
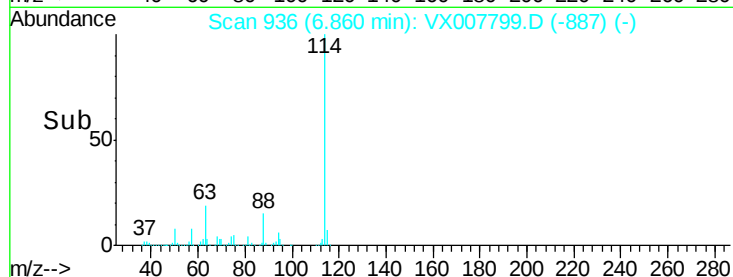
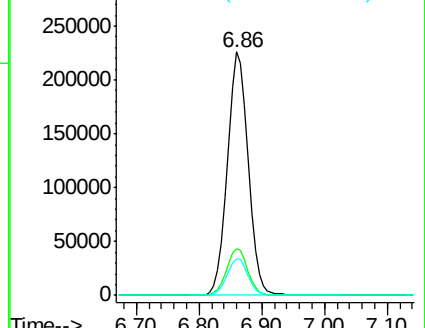
88 15.2 0.0 29.6



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: 49.878 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

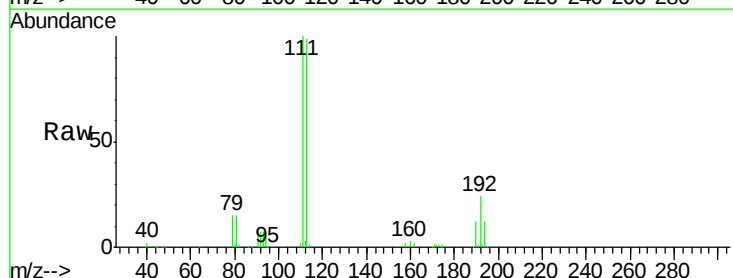
Tgt Ion:113 Resp: 173542

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

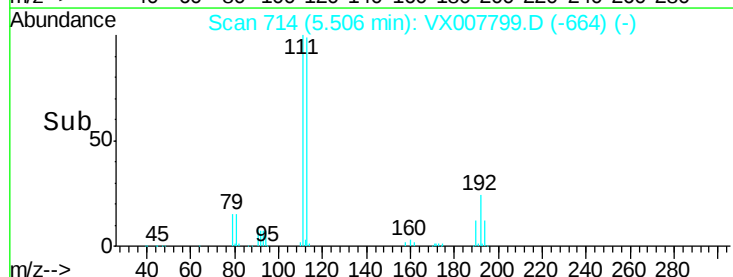
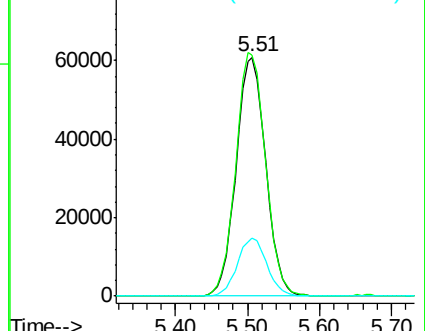
192 24.2 18.5 27.7

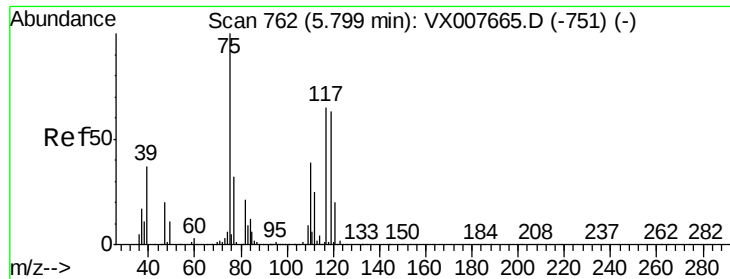


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.561 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

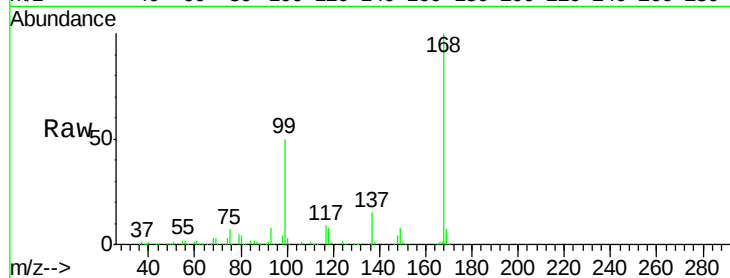
Tot Ion: 75 Resp: 21344

Ion Ratio Lower Upper

75 100

110 8.8 20.0 59.9#

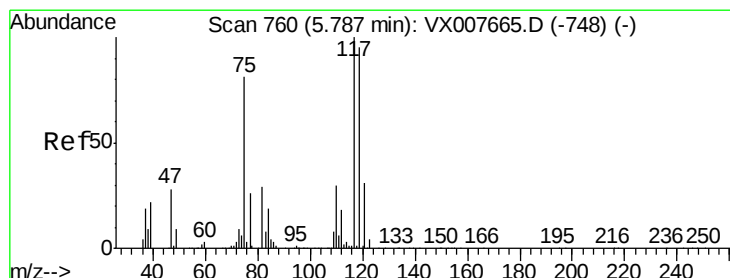
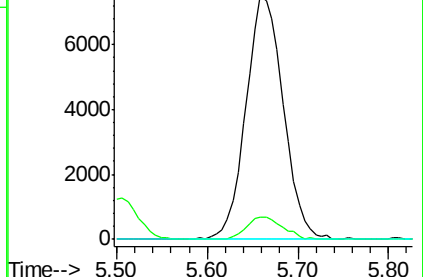
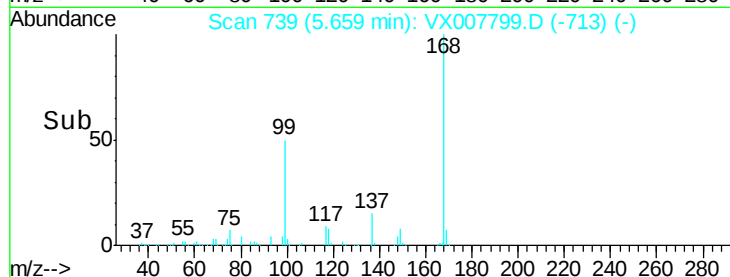
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX007799.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX007799.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX007799.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.170 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

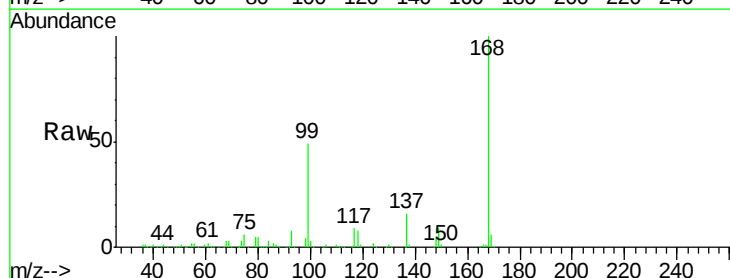
Tgt Ion: 117 Resp: 29001

Ion Ratio Lower Upper

117 100

119 6.1 75.3 112.9#

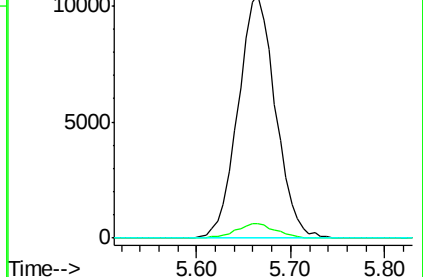
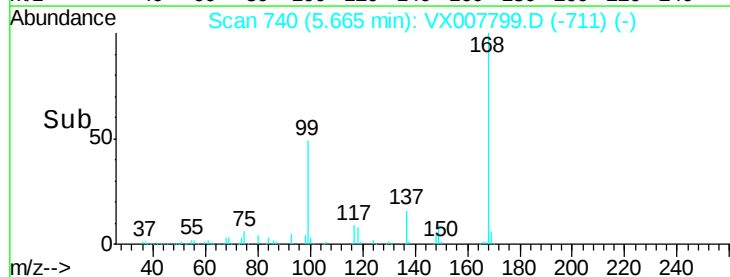
121 0.0 25.0 37.4#

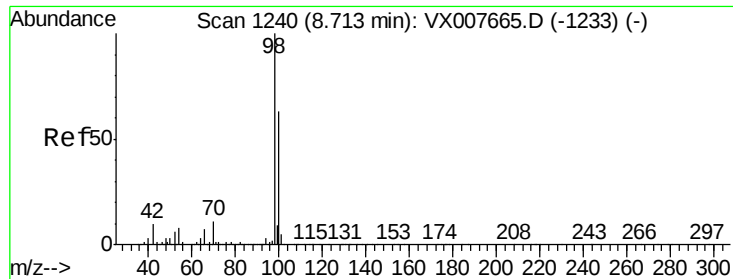


Abundance Ion 116.80 (116.50 to 117.50): VX007799.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX007799.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX007799.D (-711) (-)

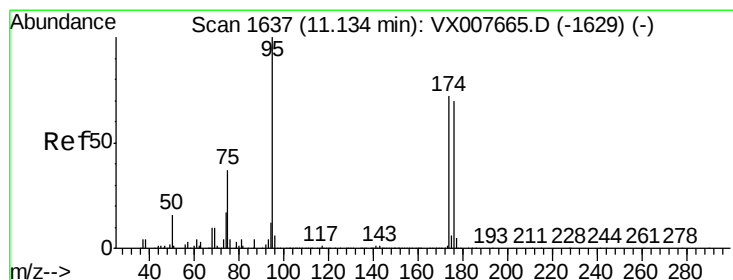
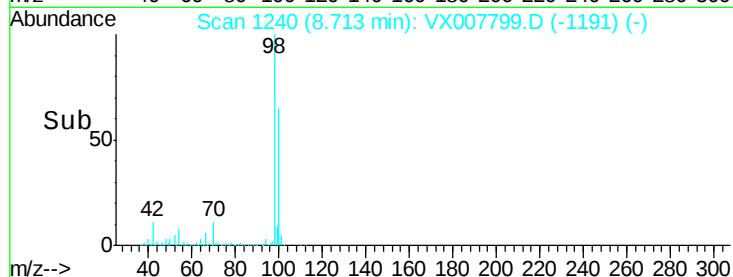
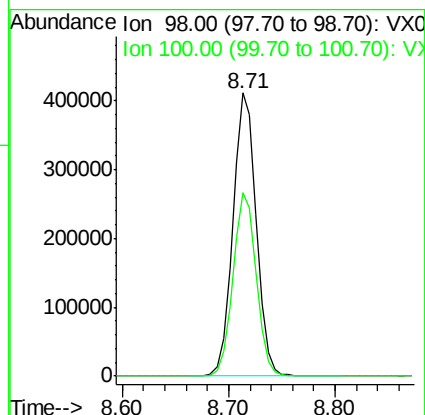
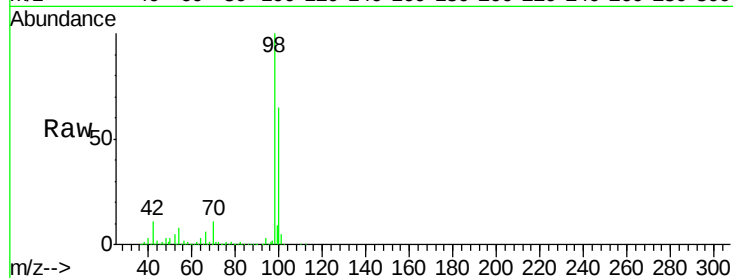




#50
Toluene-d8
Concen: 47.371 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007799.D
Acq: 01 Mar 2019 19:26

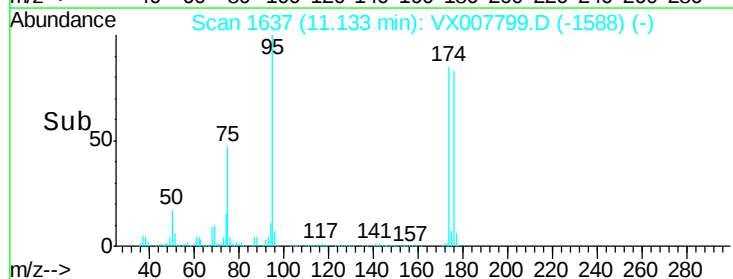
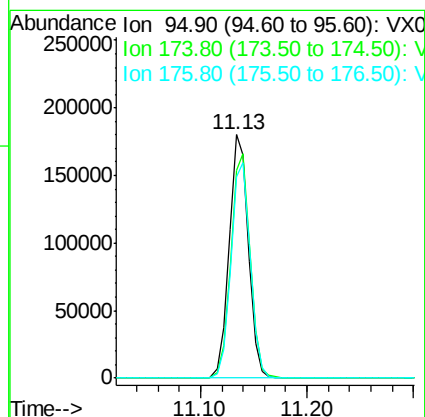
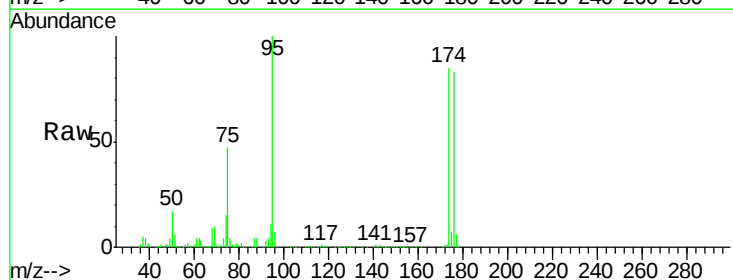
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

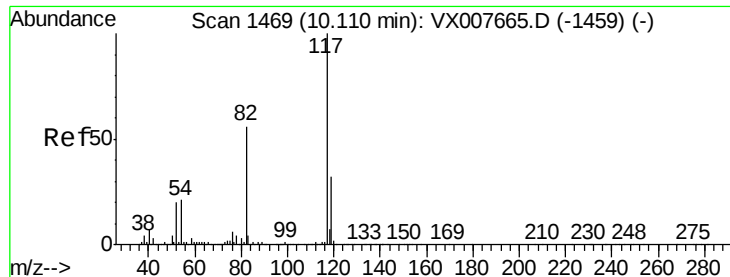
Tot Ion: 98 Resp: 630985
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007799.D
Acq: 01 Mar 2019 19:26

Tgt Ion: 95 Resp: 228061
Ion Ratio Lower Upper
95 100
174 92.5 0.0 189.2
176 89.2 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

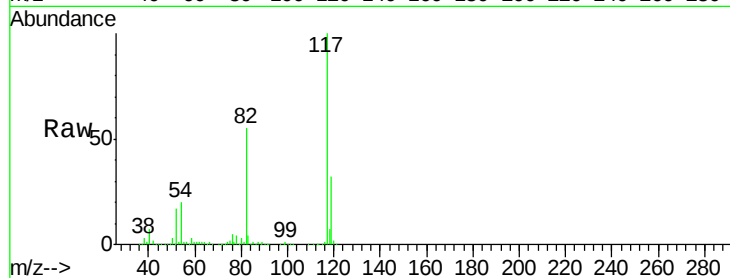
Tot Ion:117 Resp: 488751

Ion Ratio Lower Upper

117 100

82 55.1 42.1 63.1

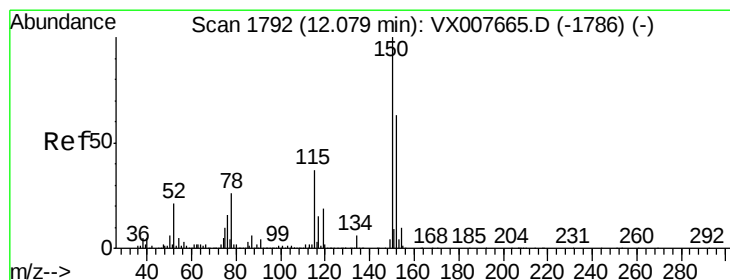
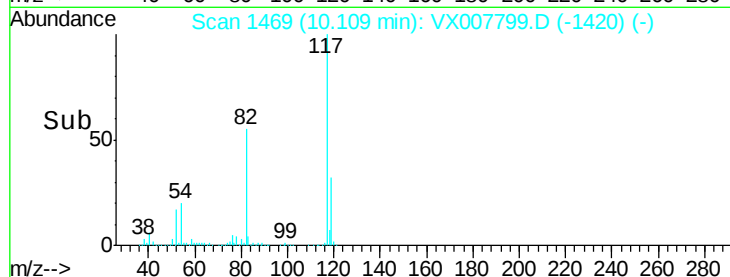
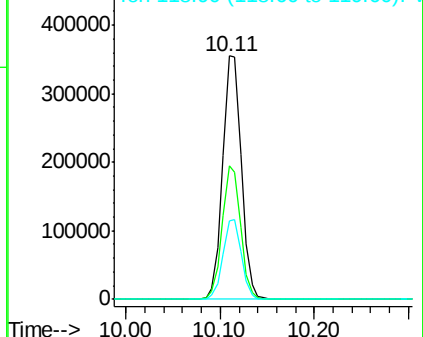
119 32.4 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007799.D

Acq: 01 Mar 2019 19:26

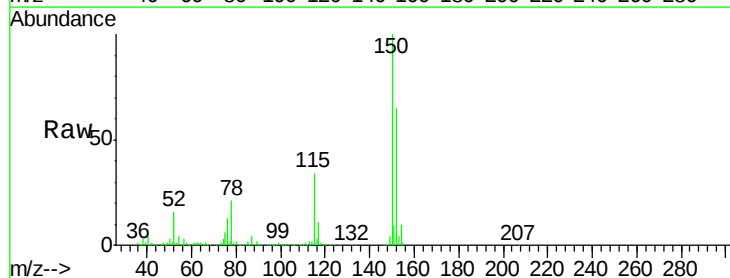
Tgt Ion:152 Resp: 236380

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

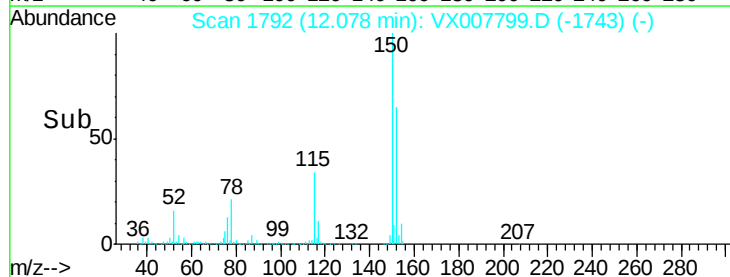
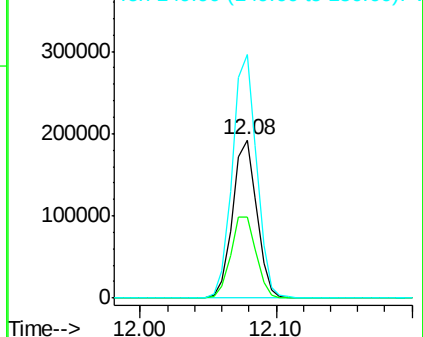
150 155.6 0.0 346.4

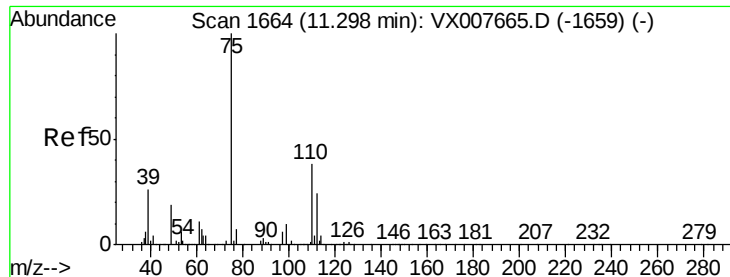


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.232 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

Instrument :

MSVOA_X

ClientSampleId :

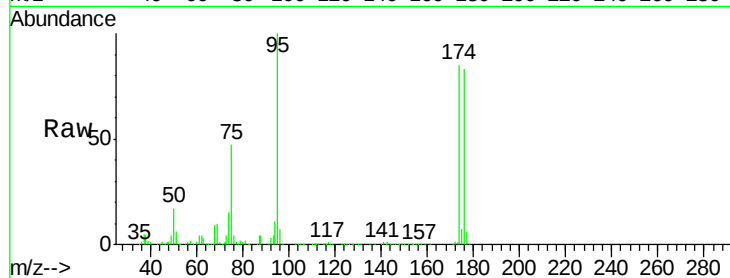
STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 106978

Ion Ratio Lower Upper

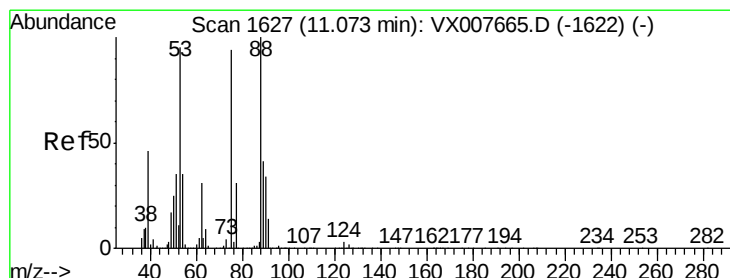
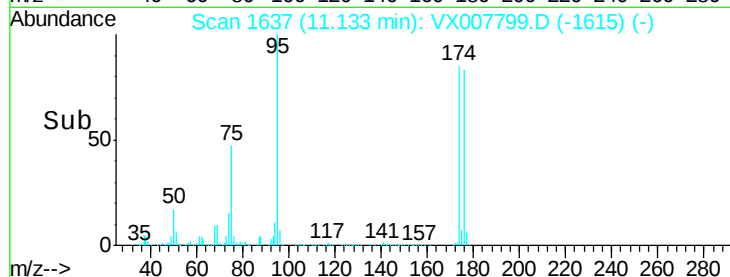
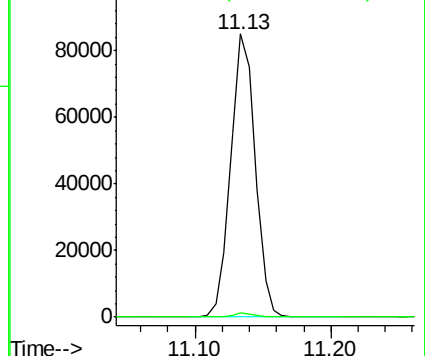
75 100

77 1.3 23.0 69.0#



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: 56.481 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007799.D

Acq: 01 Mar 2019 19:26

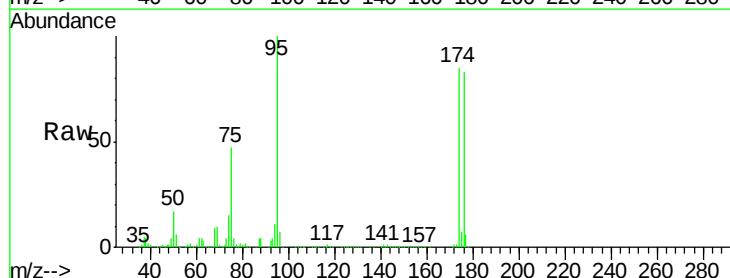
Tgt Ion: 75 Resp: 106978

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

