

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
 Data File : VX007341.D
 Acq On : 01 Feb 2019 17:20
 Operator : JC/SP
 Sample : K1314-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 02 03:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	494566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	774735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	731683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	356518	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	273035	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	5.50	113	245479	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	934033	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	336165	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	

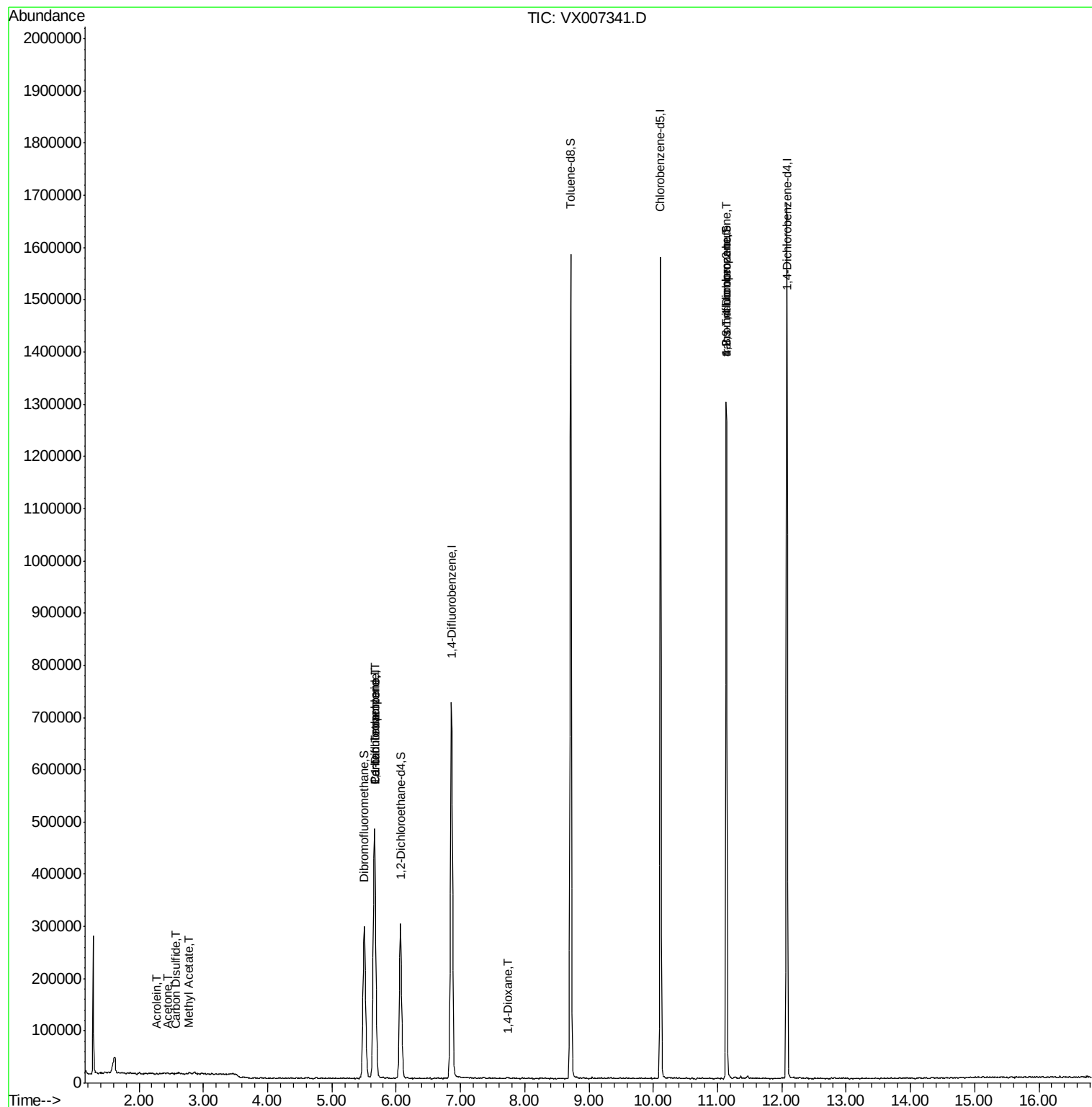
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	893	Below Cal		88
13) Acrolein	2.26	56	112	0.220	ug/l #	45
16) Acetone	2.45	43	1245	0.518	ug/l	93
17) Carbon Disulfide	2.57	76	1229	2.216	ug/l #	25
18) Methyl Acetate	2.78	43	1907	0.894	ug/l #	85
20) Methylene Chloride	2.86	84	1890	Below Cal	#	69
36) 1,1-Dichloropropene	5.66	75	33392	4.804	ug/l #	48
38) Carbon Tetrachloride	5.67	117	45084	6.685	ug/l #	17
49) 1,4-Dioxane	7.74	88	86	7.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	161031	23.221	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	161031	69.933	ug/l #	9

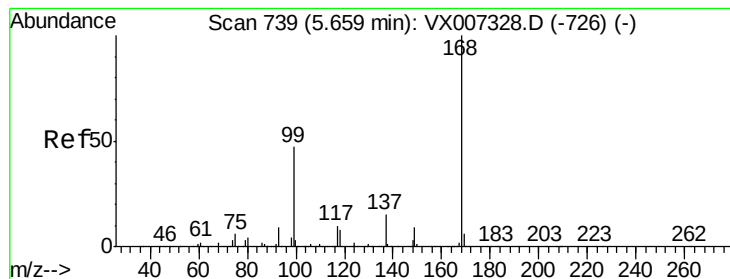
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020119\
Data File : VX007341.D
Acq On : 01 Feb 2019 17:20
Operator : JC/SP
Sample : K1314-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 02 03:19:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

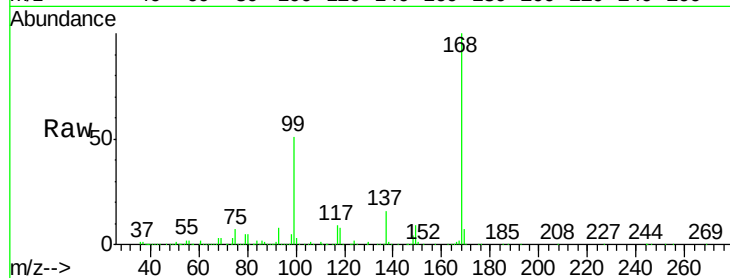
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 494566

Ion Ratio Lower Upper

168 100

99 50.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

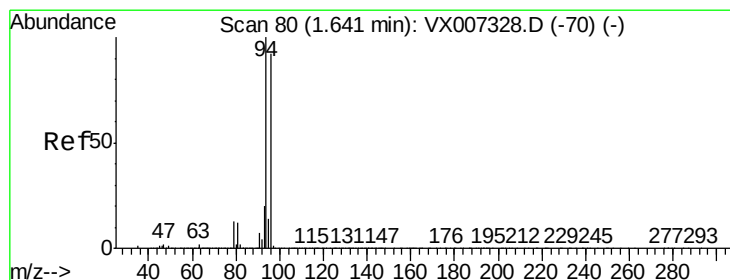
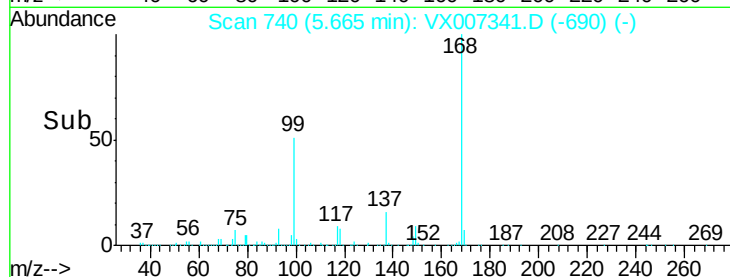
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007341.D

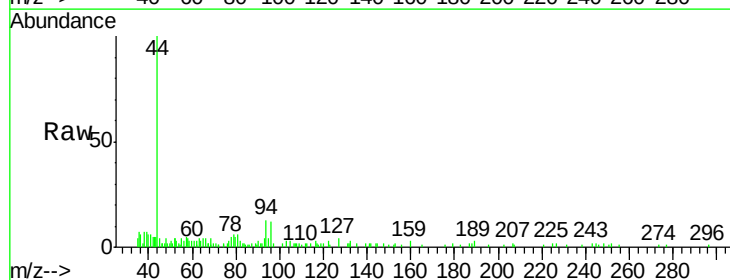
Acq: 01 Feb 2019 17:20

Tgt Ion: 94 Resp: 893

Ion Ratio Lower Upper

94 100

96 104.1 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

800

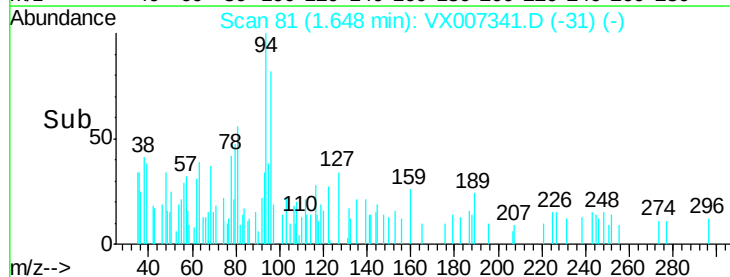
600

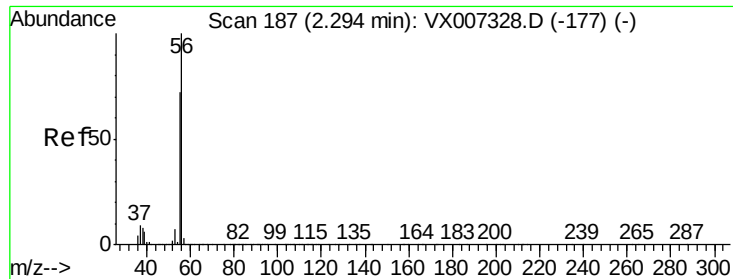
400

200

0

Time--> 1.62 1.64 1.66





#13

Acrolein

Concen: 0.220 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

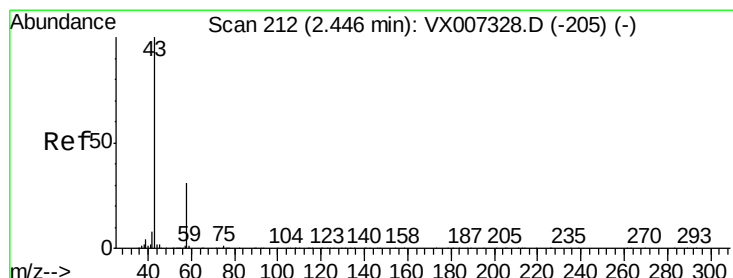
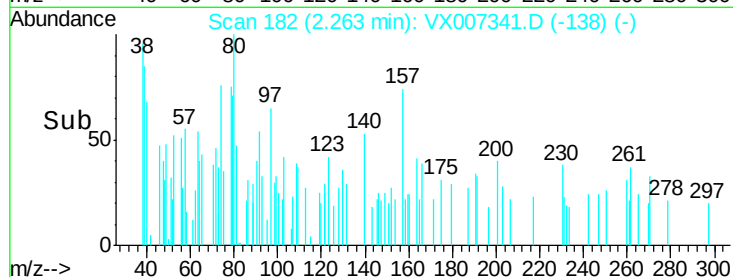
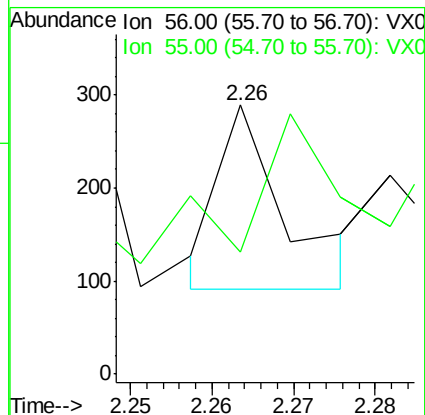
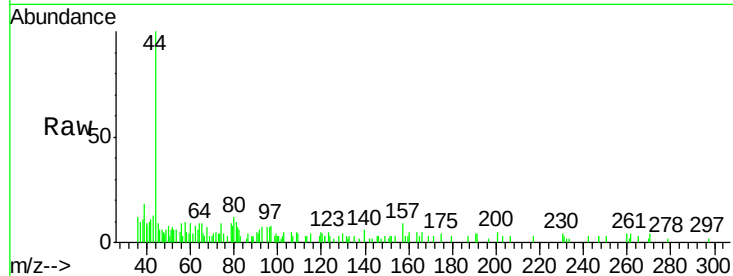
STORAGE-BLANK-WATER-REF-5

Tot Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

55 117.0 56.9 85.3#



#16

Acetone

Concen: 0.518 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007341.D

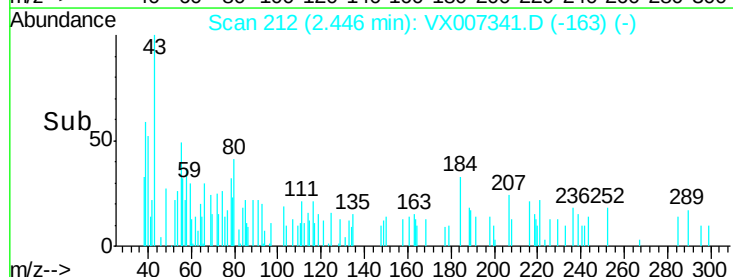
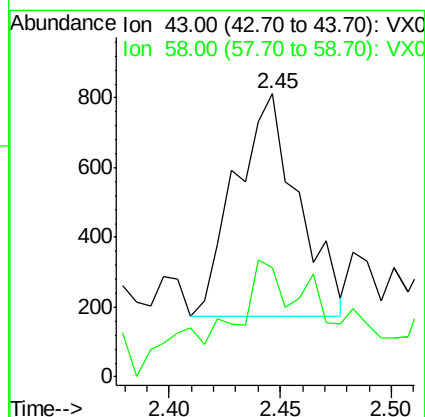
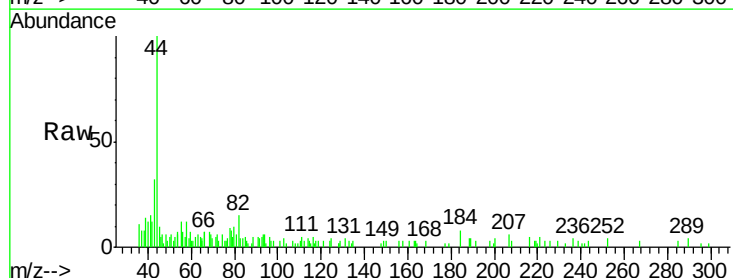
Acq: 01 Feb 2019 17:20

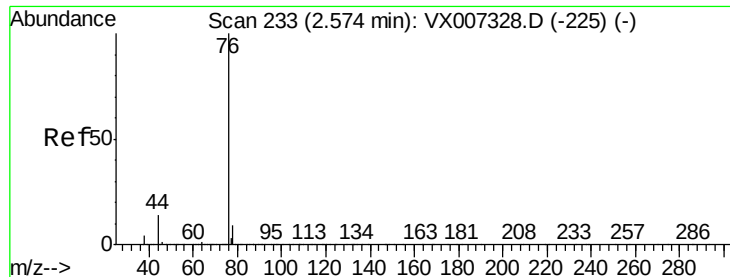
Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

58 27.0 24.9 37.3





#17

Carbon Disulfide

Concen: 2.216 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

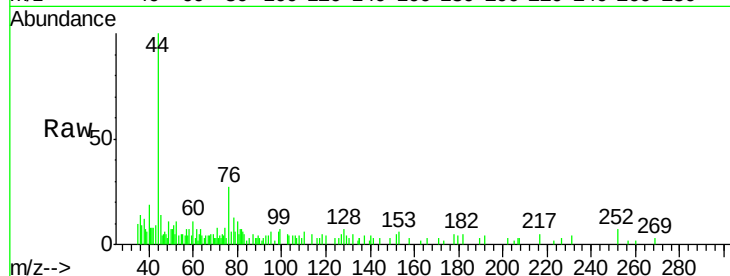
STORAGE-BLANK-WATER-REF-5

Tot Ion: 76 Resp: 1229

Ion Ratio Lower Upper

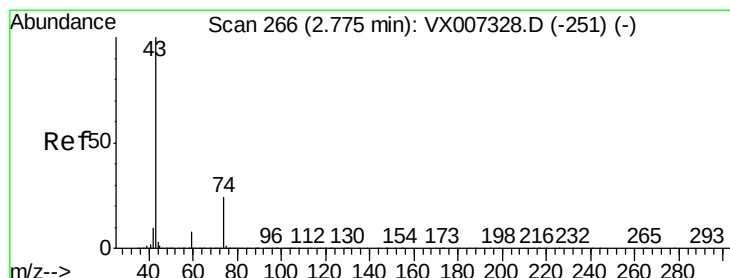
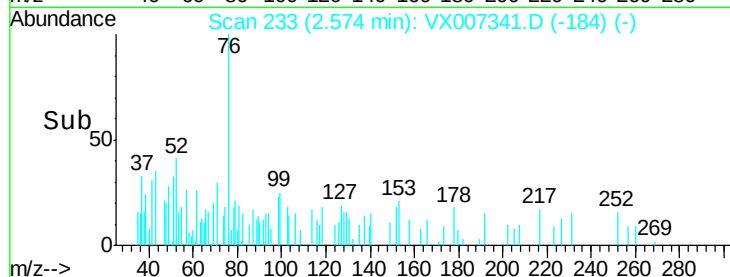
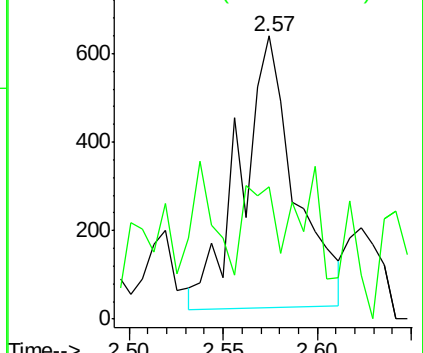
76 100

78 36.1 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.894 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007341.D

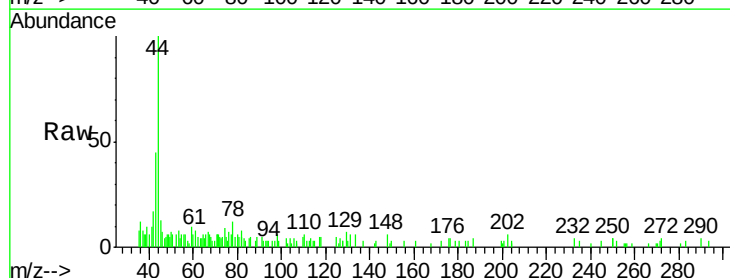
Acq: 01 Feb 2019 17:20

Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

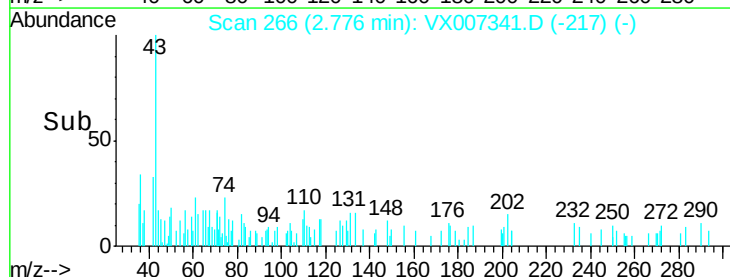
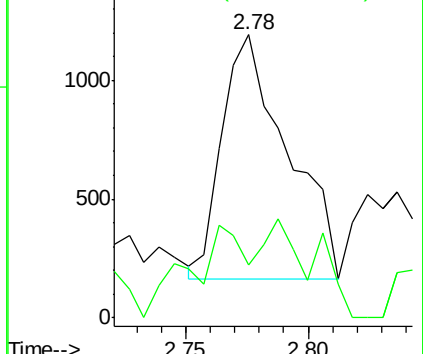
43 100

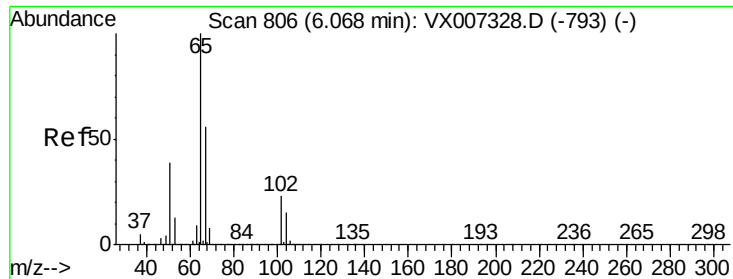
74 31.9 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

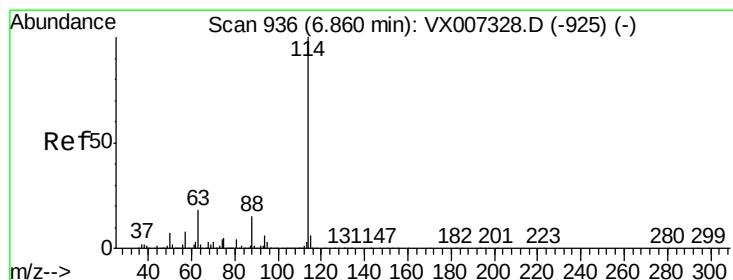
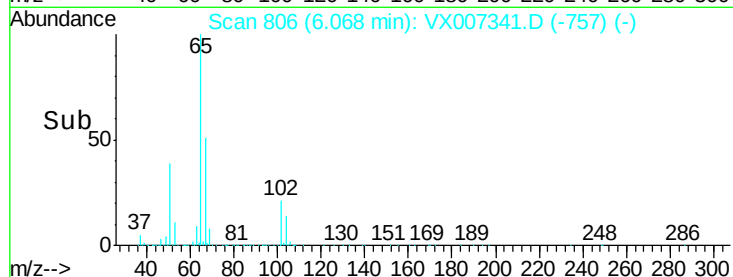
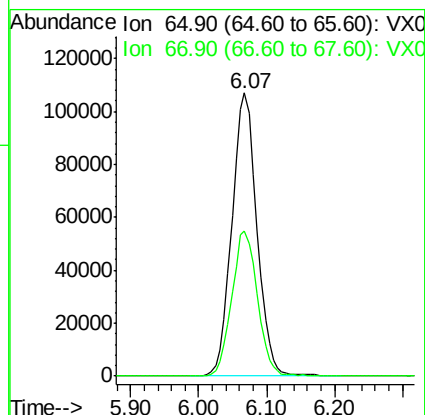
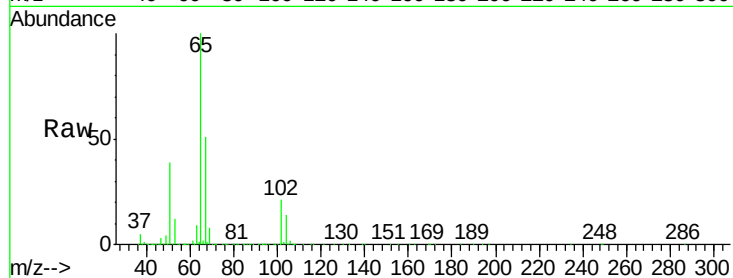




#33
 1,2-Dichloroethane-d4
 Concen: 52.012 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007341.D
 Acq: 01 Feb 2019 17:20

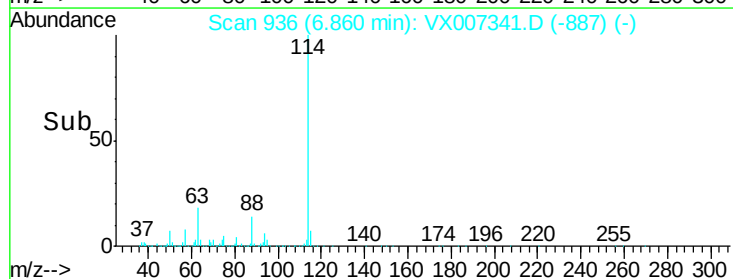
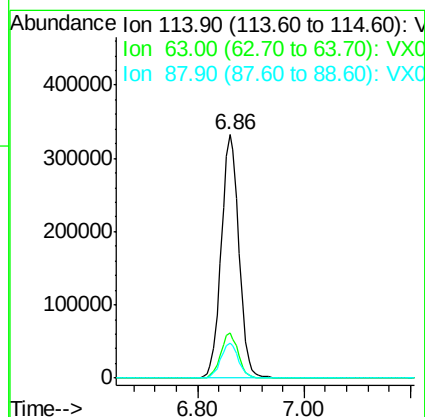
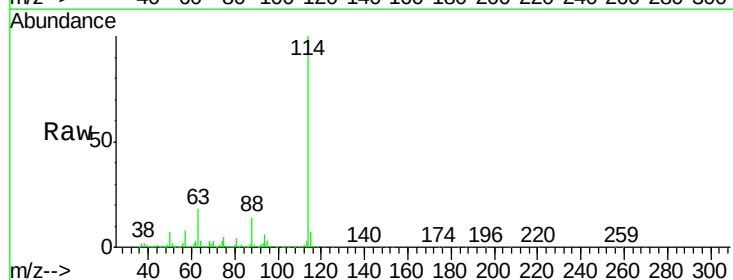
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

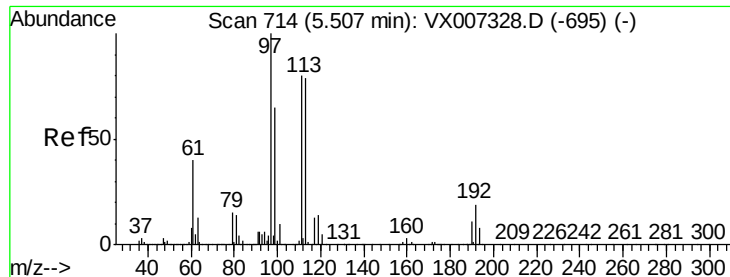
Tot Ion: 65 Resp: 273035
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007341.D
 Acq: 01 Feb 2019 17:20

Tgt Ion: 114 Resp: 774735
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 14.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.697 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

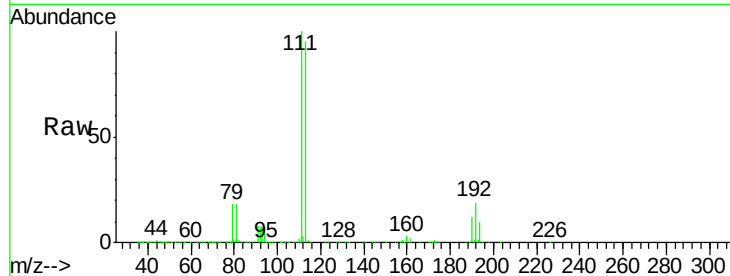
Tot Ion:113 Resp: 245479

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

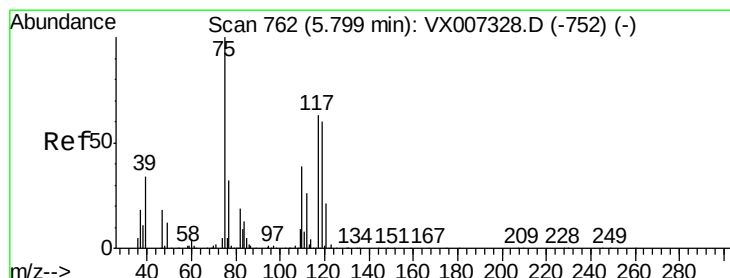
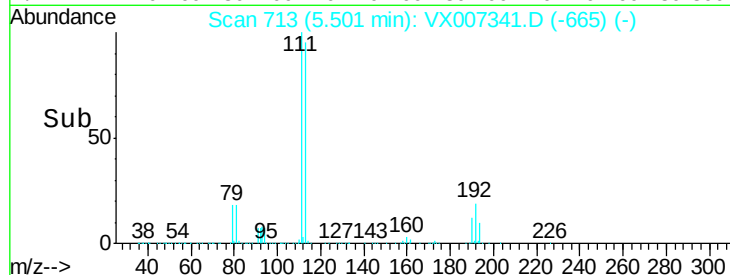
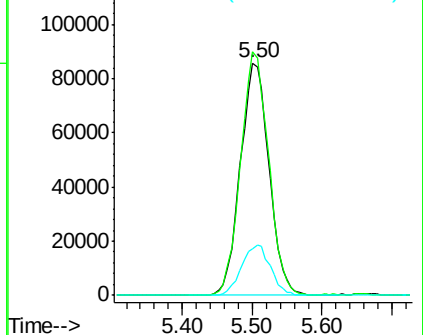
192 21.9 18.5 27.7



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: 4.804 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

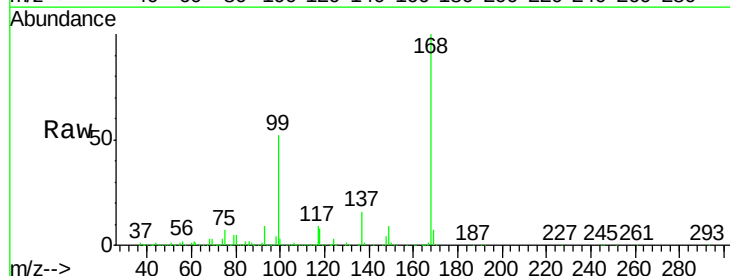
Tgt Ion: 75 Resp: 33392

Ion Ratio Lower Upper

75 100

110 9.9 20.0 59.9#

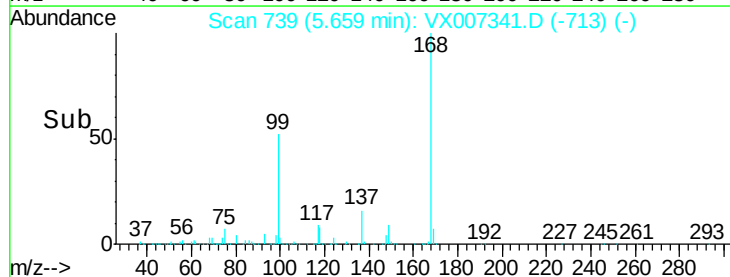
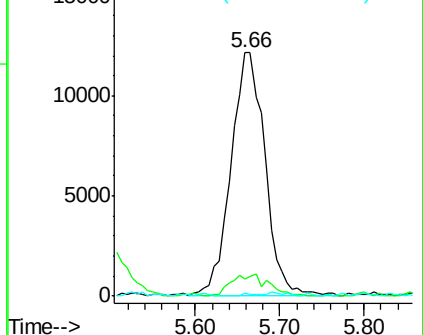
77 0.4 24.7 37.1#

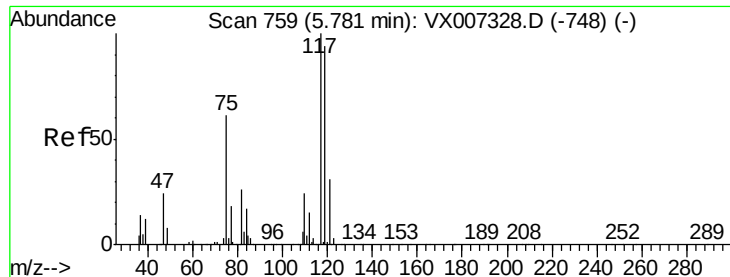


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.685 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

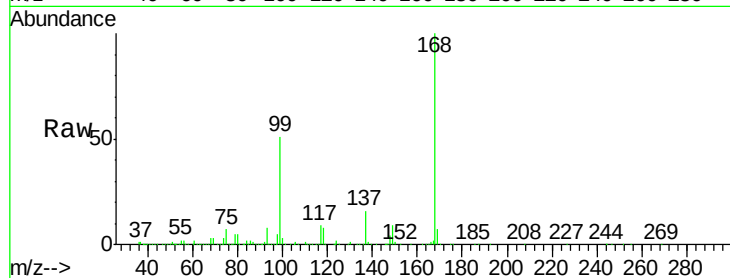
Tot Ion:117 Resp: 45084

Ion Ratio Lower Upper

117 100

119 5.2 75.3 112.9#

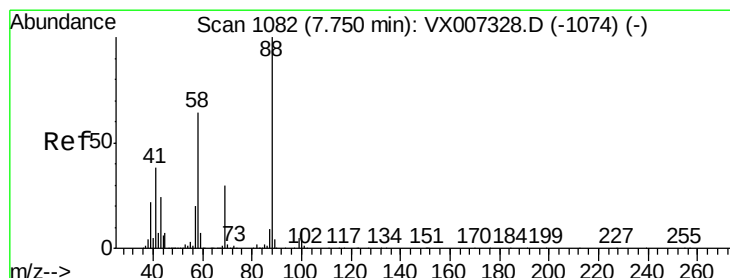
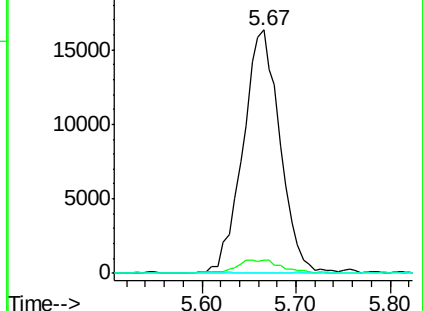
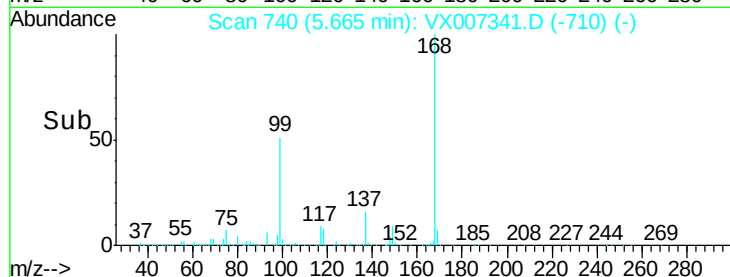
121 0.0 25.0 37.4#



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: 7.571 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

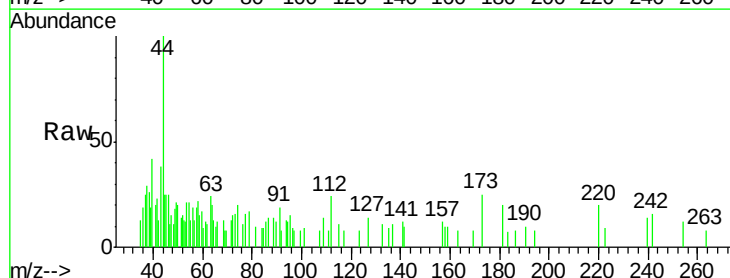
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

43 284.9 24.2 36.4#

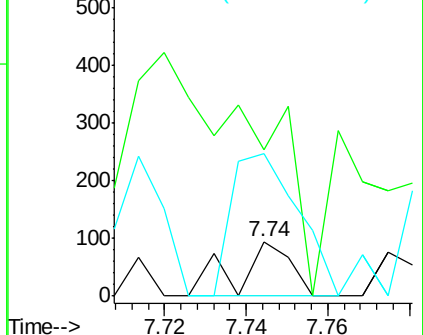
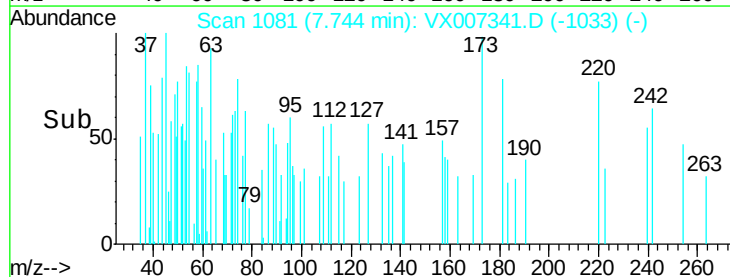
58 327.9 53.0 79.4#

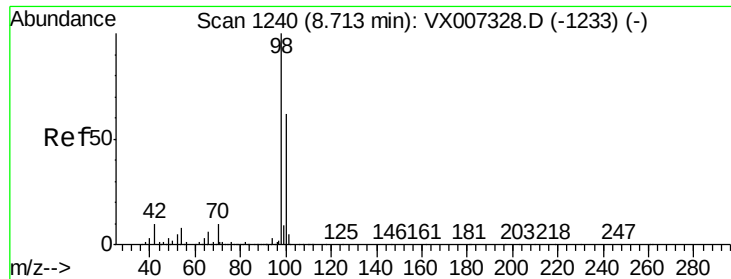


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.941 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

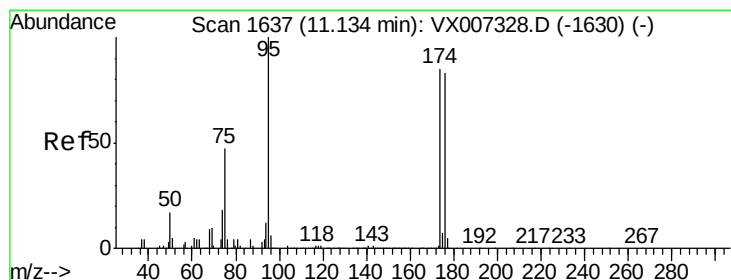
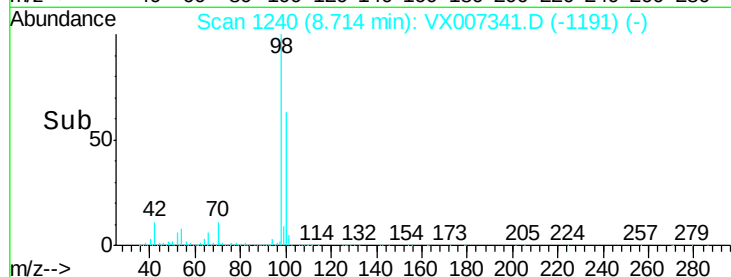
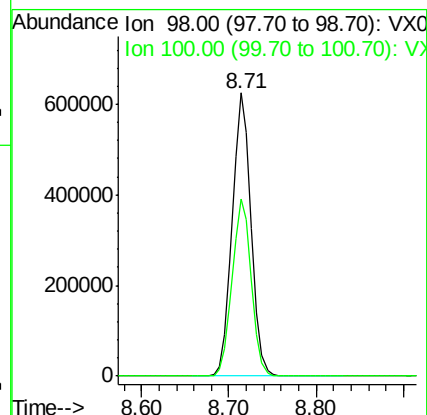
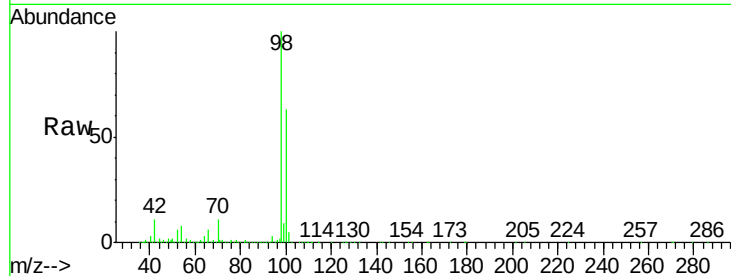
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 934033

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

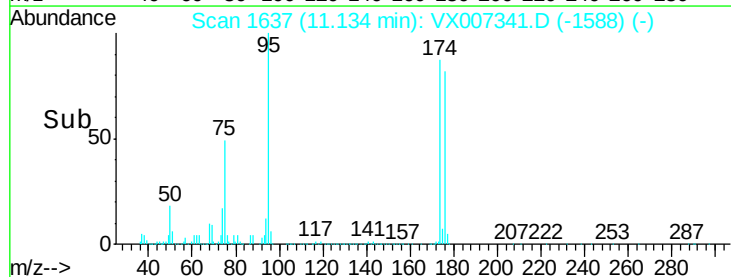
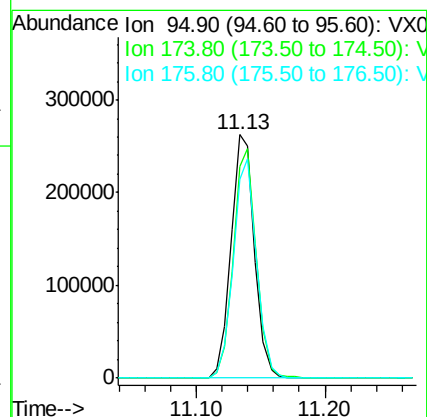
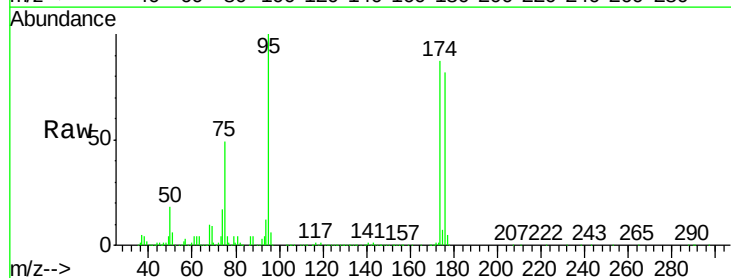
Tgt Ion: 95 Resp: 336165

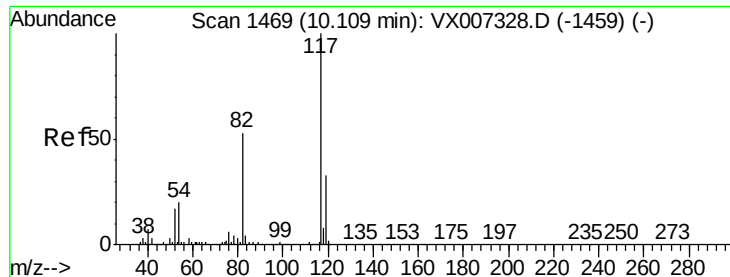
Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.2 0.0 186.2

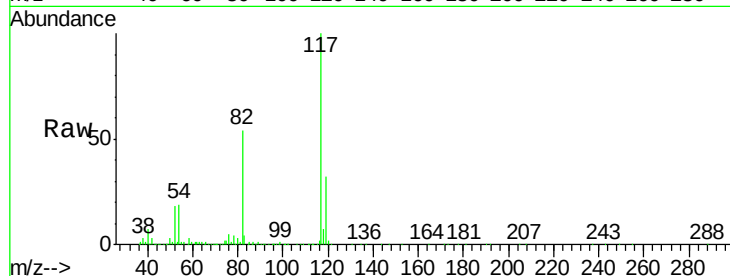




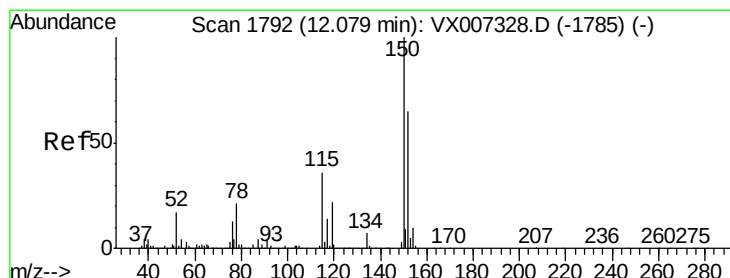
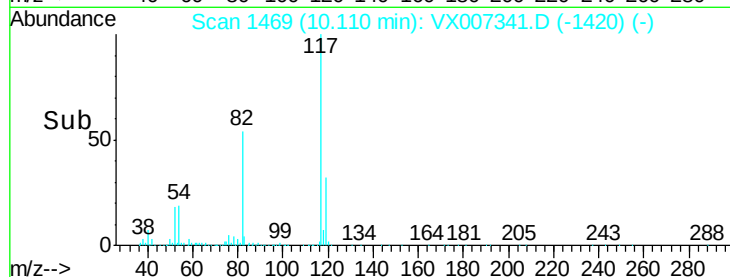
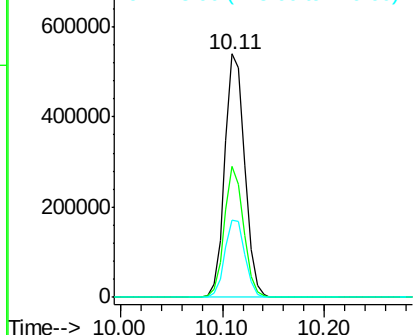
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007341.D
Acq: 01 Feb 2019 17:20

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

Tot Ion:117 Resp: 731683
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 31.5 26.5 39.7

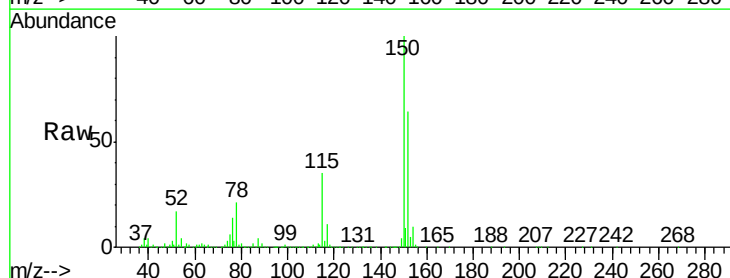


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

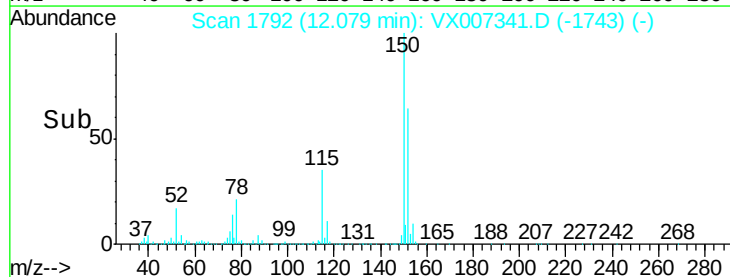
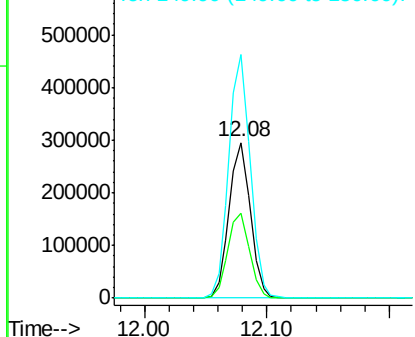


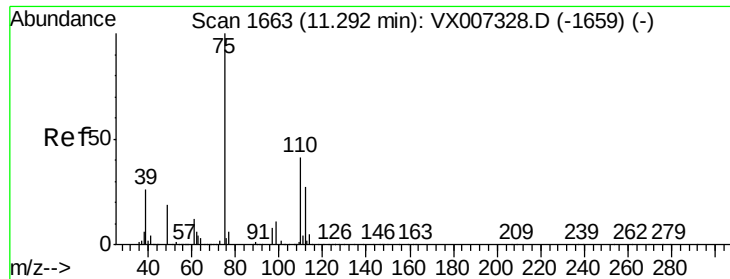
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007341.D
Acq: 01 Feb 2019 17:20

Tgt Ion:152 Resp: 356518
Ion Ratio Lower Upper
152 100
115 55.6 38.0 114.0
150 156.9 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: 23.221 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

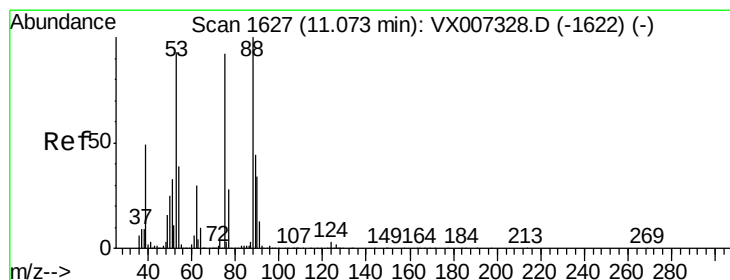
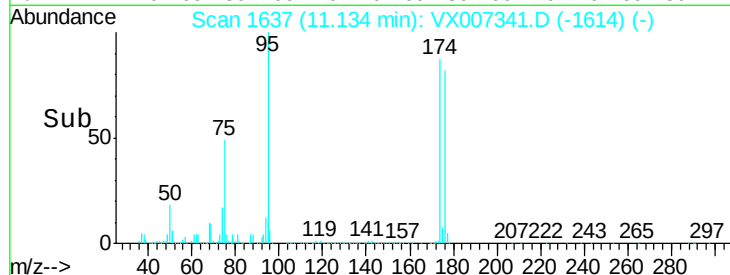
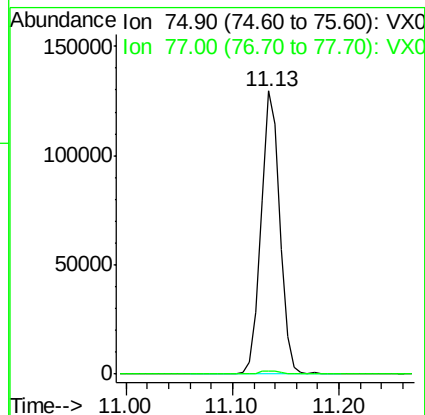
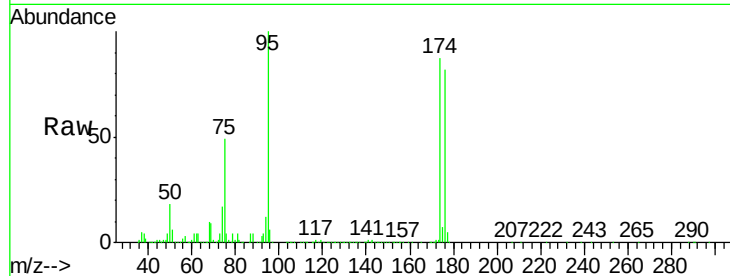
STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 161031

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.933 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007341.D

Acq: 01 Feb 2019 17:20

Tgt Ion: 75 Resp: 161031

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.1 41.4 62.0#

