

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020119\
 Data File : VX007342.D
 Acq On : 01 Feb 2019 17:46
 Operator : JC/SP
 Sample : K1314-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 02 03:20:07 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	508689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	791062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360166	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	274410	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	5.51	113	248309	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	948830	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	339630	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	

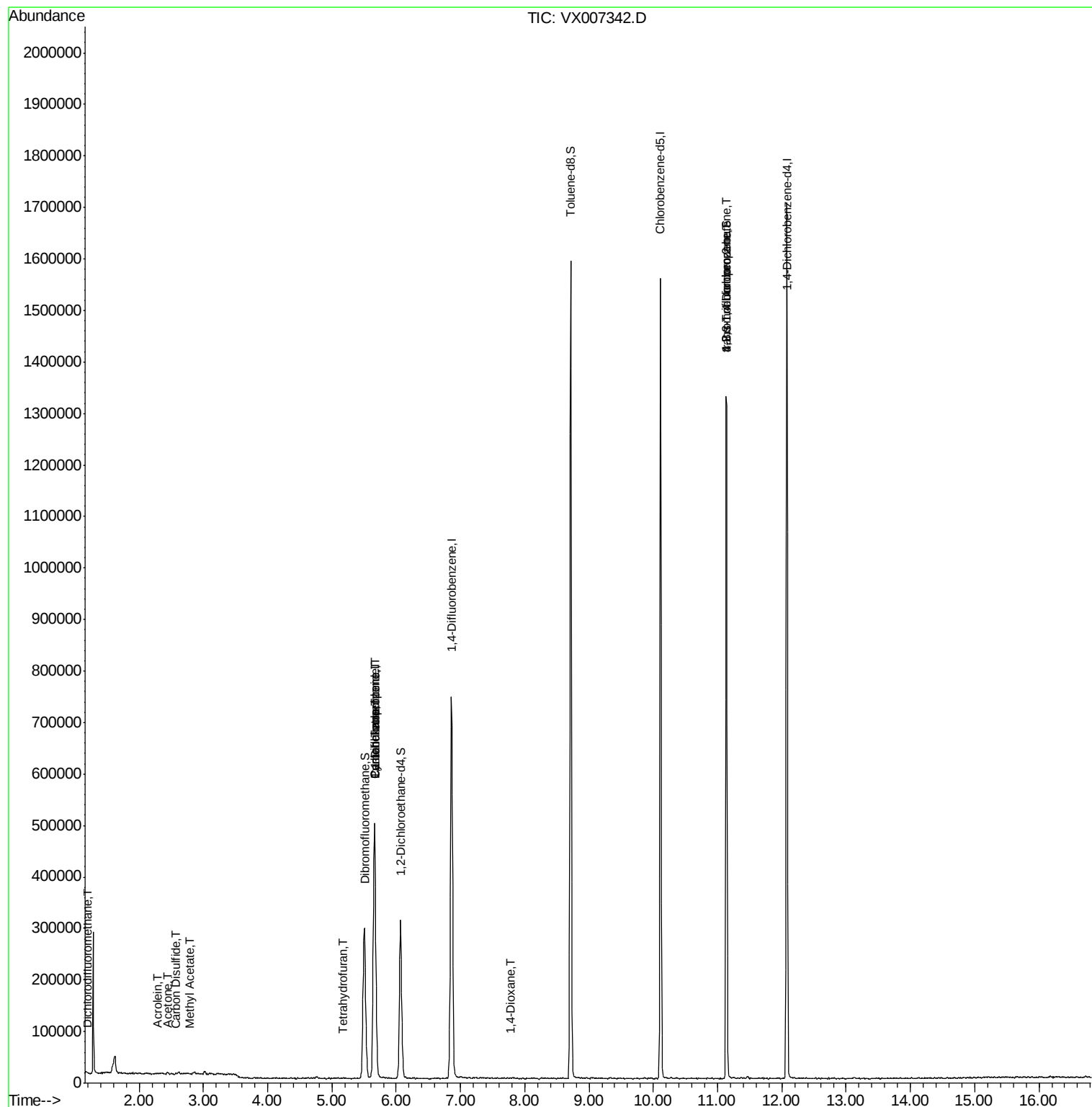
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	583	0.270	ug/l #	64
5) Bromomethane	1.65	94	988	Below Cal	#	63
13) Acrolein	2.29	56	157	0.300	ug/l	91
16) Acetone	2.45	43	2996	1.211	ug/l	97
17) Carbon Disulfide	2.57	76	1013	2.197	ug/l #	88
18) Methyl Acetate	2.79	43	1663	0.848	ug/l #	14
29) Tetrahydrofuran	5.18	42	563	0.254	ug/l #	54
31) Cyclohexane	5.67	56	9745	1.298	ug/l #	11
36) 1,1-Dichloropropene	5.66	75	32912	4.637	ug/l #	49
38) Carbon Tetrachloride	5.66	117	46002	6.681	ug/l #	17
49) 1,4-Dioxane	7.77	88	100	7.667	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	162579	23.207	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	162579	69.892	ug/l #	9

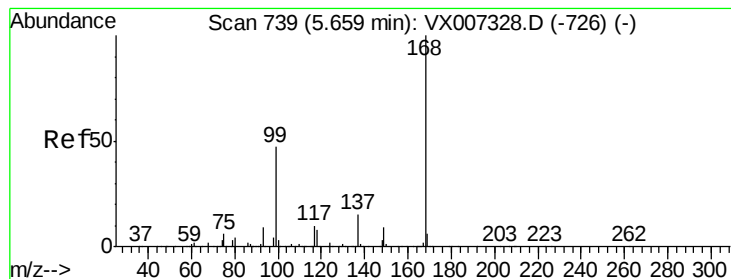
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007342.D

Acq: 01 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

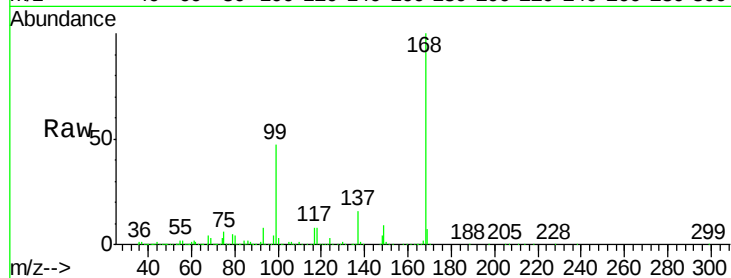
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 508689

Ion Ratio Lower Upper

168 100

99 47.1 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

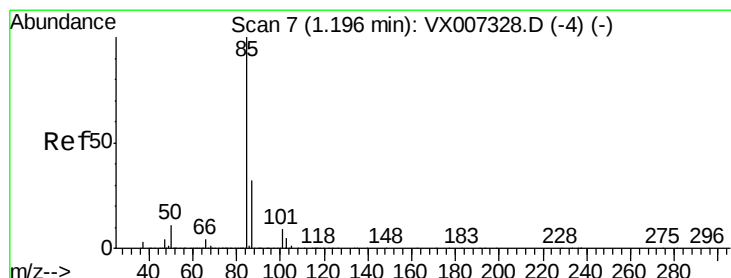
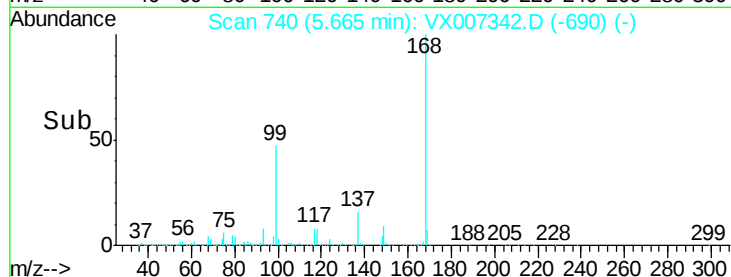
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.270 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007342.D

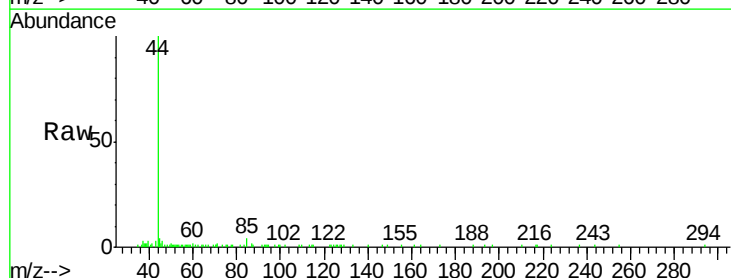
Acq: 01 Feb 2019 17:46

Tgt Ion: 85 Resp: 583

Ion Ratio Lower Upper

85 100

87 51.8 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

300

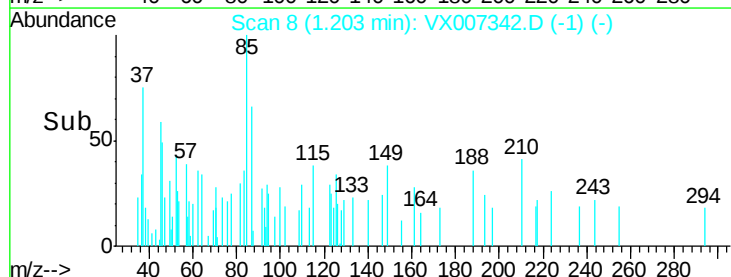
200

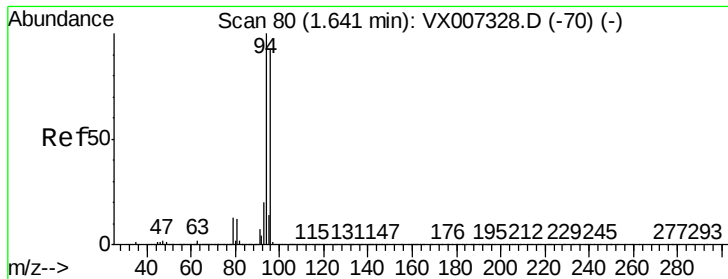
100

0

Time-->

1.15 1.20 1.25





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007342.D

Acq: 01 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

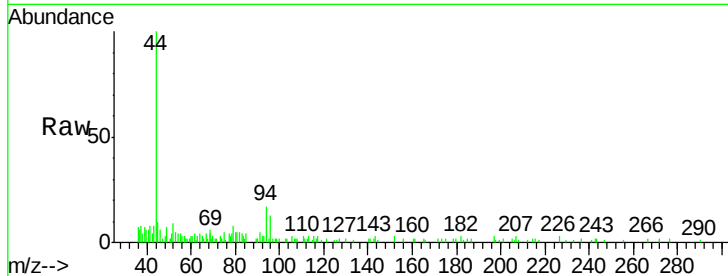
STORAGE-BLANK-WATER-REF-4

Tot Ion: 94 Resp: 988

Ion Ratio Lower Upper

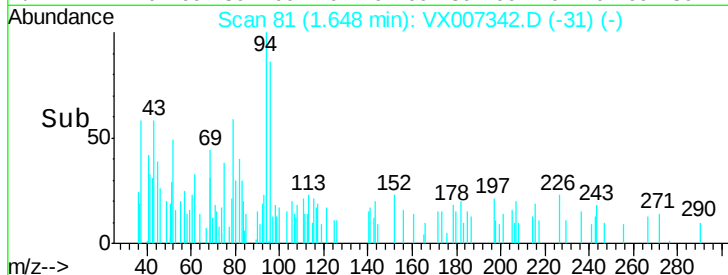
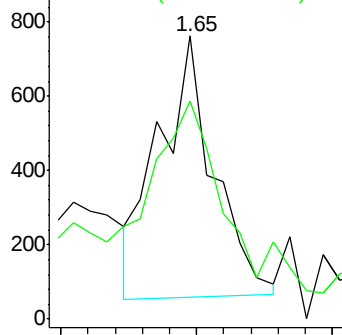
94 100

96 56.8 73.9 110.9#

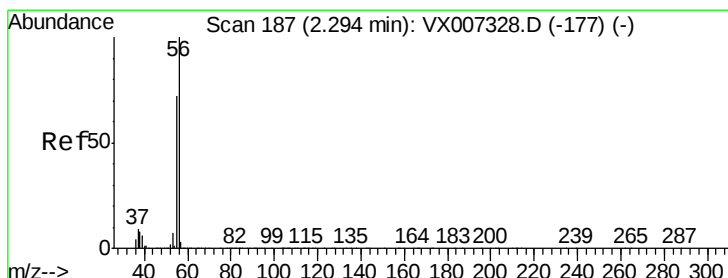


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#13

Acrolein

Concen: 0.300 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007342.D

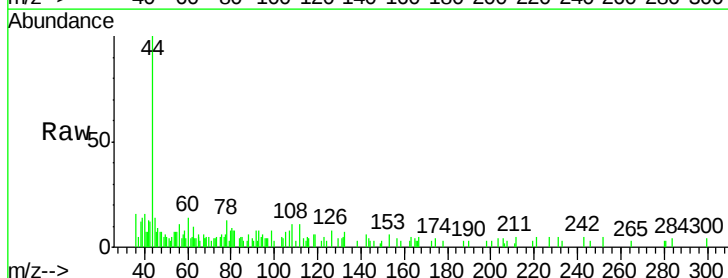
Acq: 01 Feb 2019 17:46

Tgt Ion: 56 Resp: 157

Ion Ratio Lower Upper

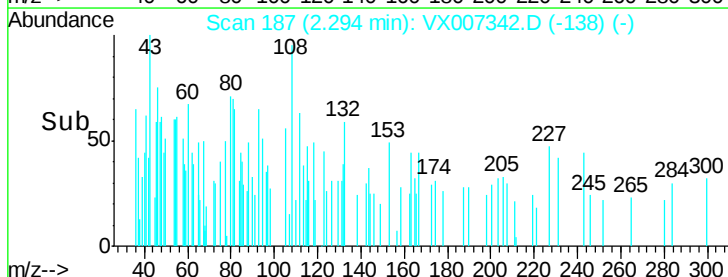
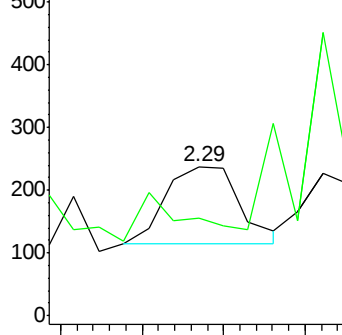
56 100

55 63.7 56.9 85.3

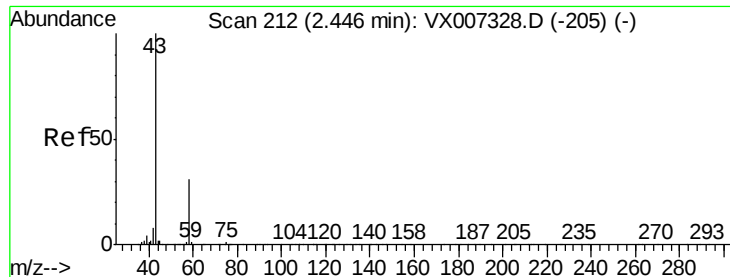


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 1.211 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007342.D

Acq: 01 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

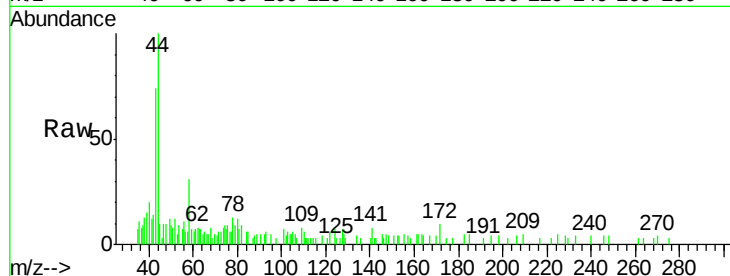
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 2996

Ion Ratio Lower Upper

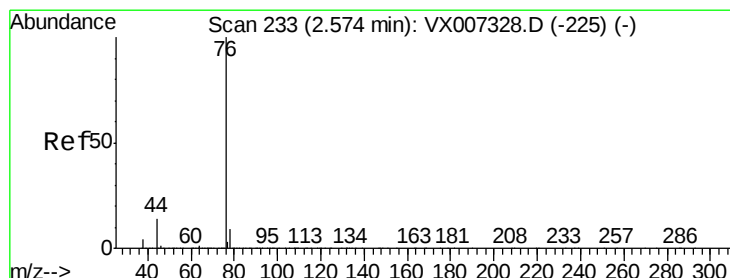
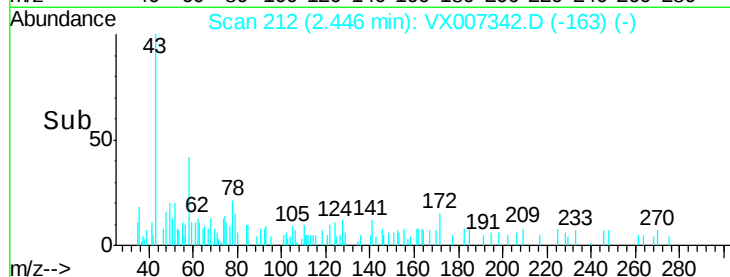
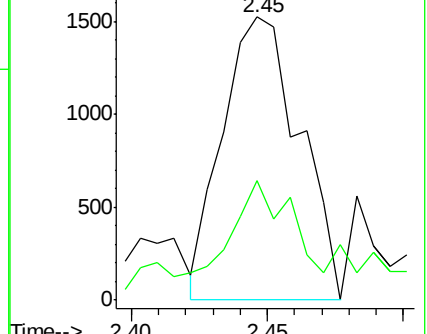
43 100

58 32.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.197 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007342.D

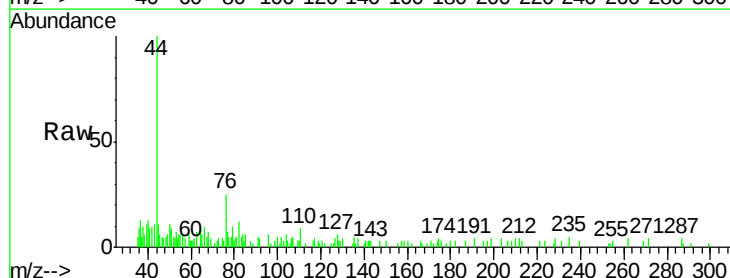
Acq: 01 Feb 2019 17:46

Tgt Ion: 76 Resp: 1013

Ion Ratio Lower Upper

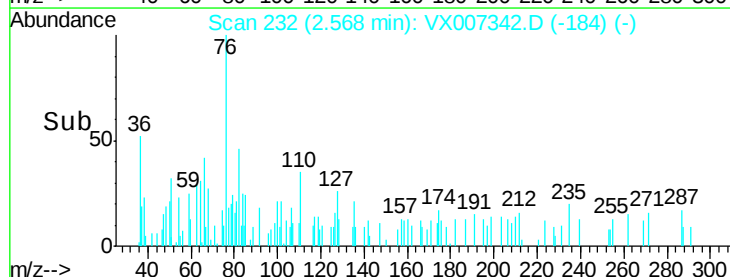
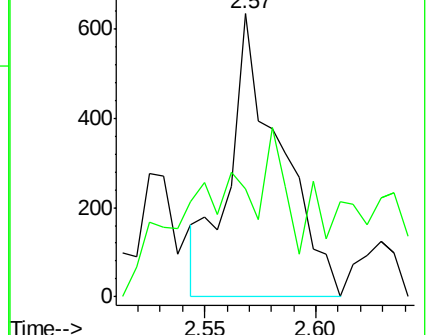
76 100

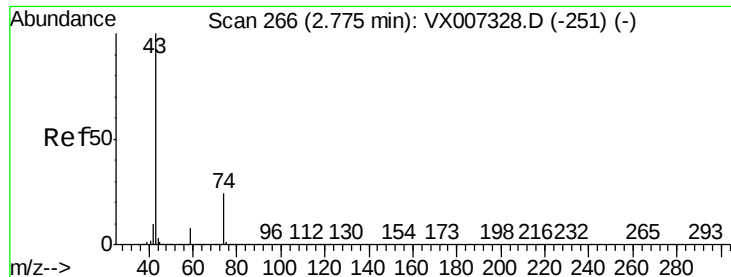
78 4.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

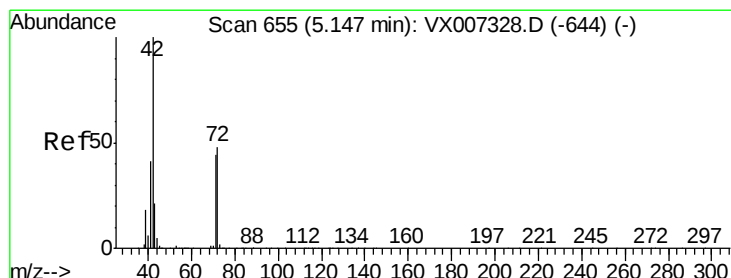
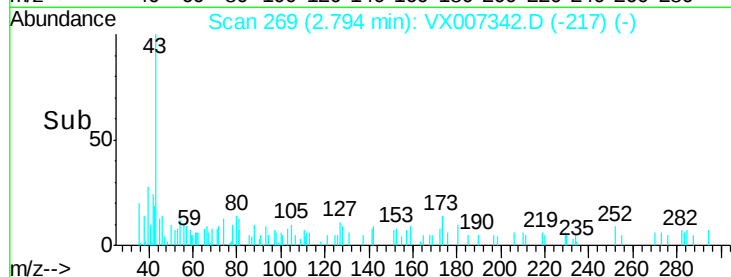
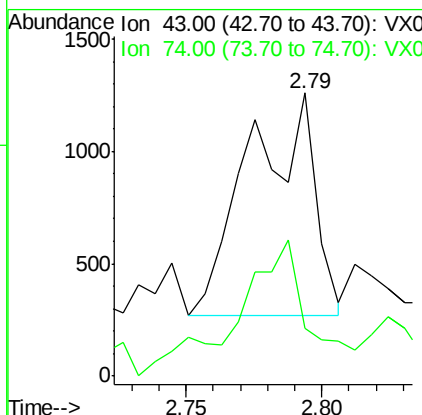
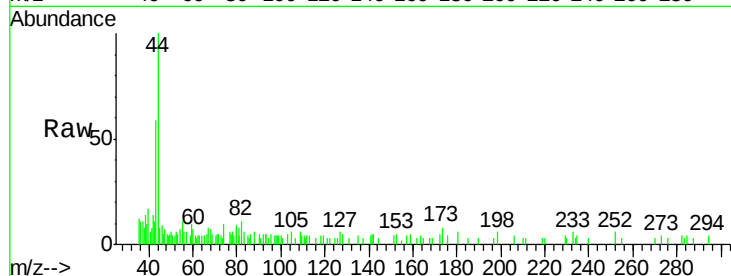




#18
Methvl Acetate
Concen: 0.848 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

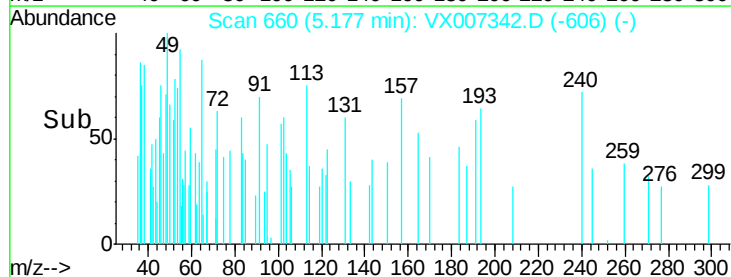
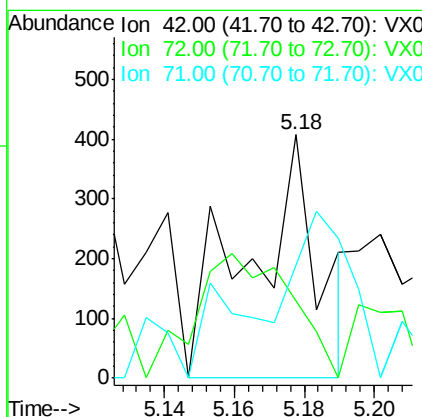
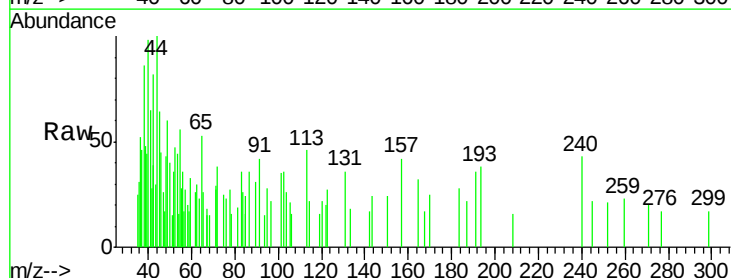
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

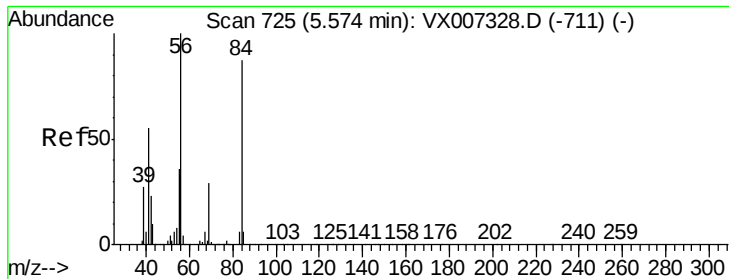
Tot Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
74 67.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.254 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

Tgt Ion: 42 Resp: 563
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 55.4 34.6 51.8#

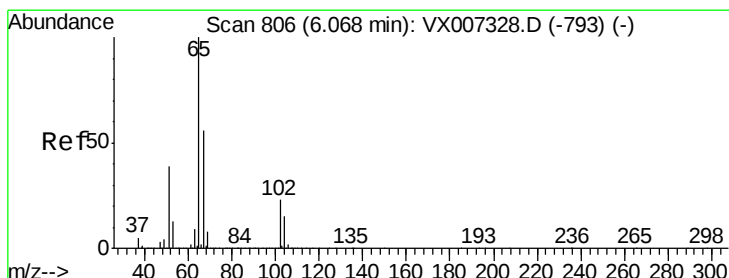
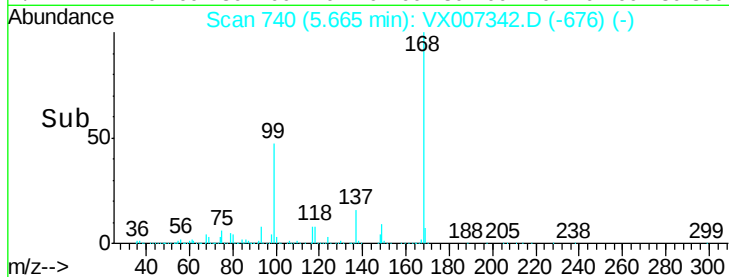
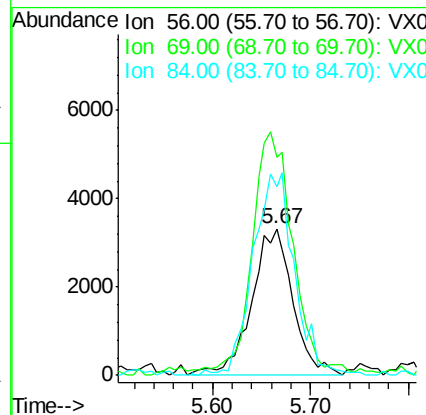
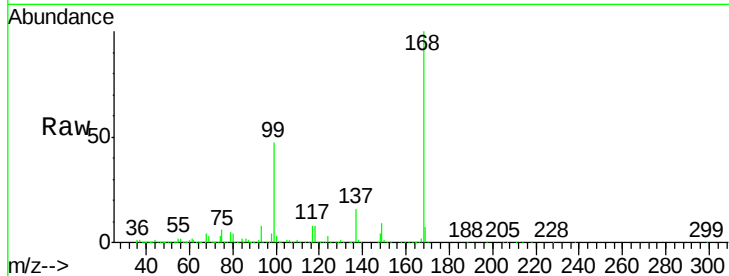




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

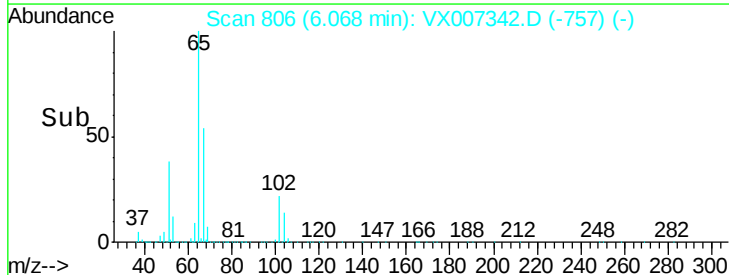
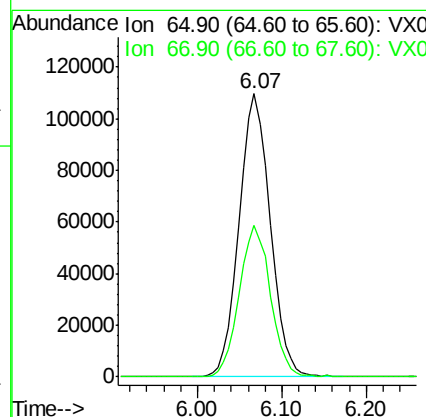
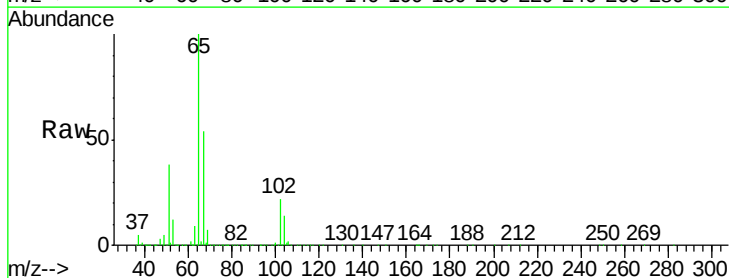
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

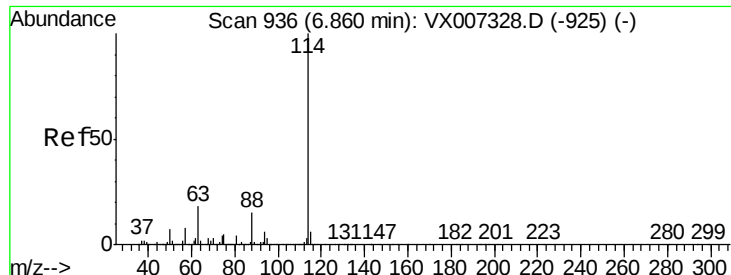
Tot Ion: 56 Resp: 9745
Ion Ratio Lower Upper
56 100
69 145.6 23.0 34.6#
84 129.2 69.8 104.6#



#33
1,2-Dichloroethane-d4
Concen: 50.823 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

Tgt Ion: 65 Resp: 274410
Ion Ratio Lower Upper
65 100
67 53.3 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: VX007342.D

Acq: 01 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

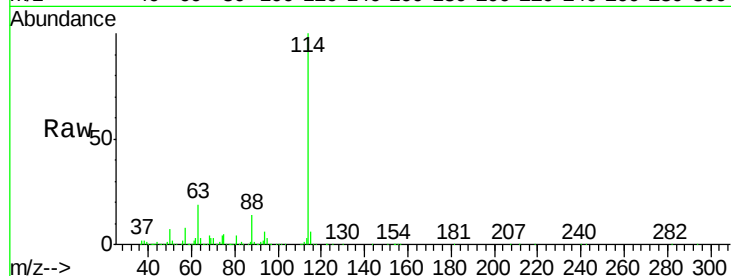
Tot Ion:114 Resp: 791062

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

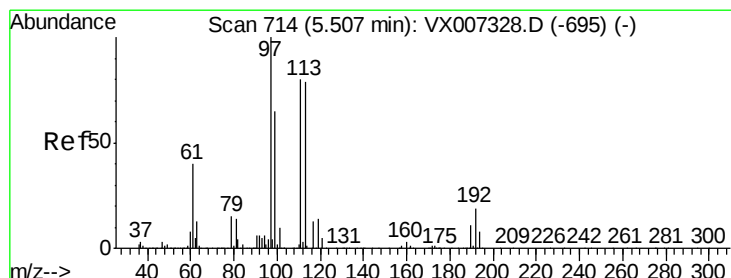
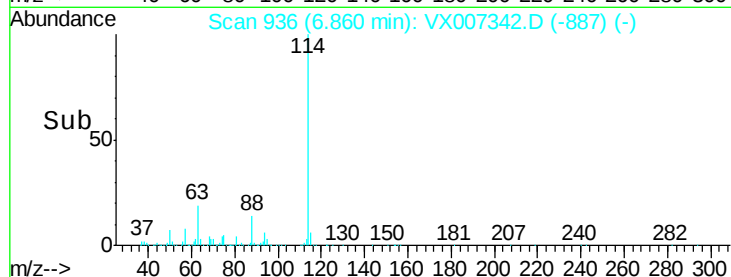
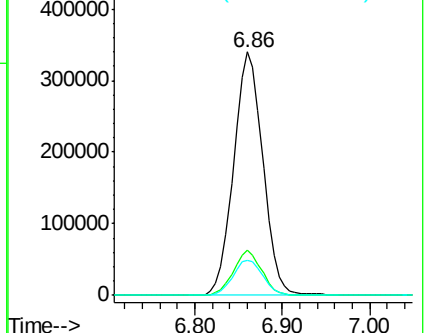
88 14.5 0.0 29.6



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: 48.242 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007342.D

Acq: 01 Feb 2019 17:46

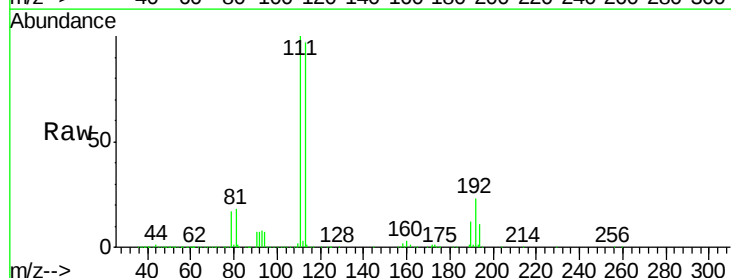
Tgt Ion:113 Resp: 248309

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

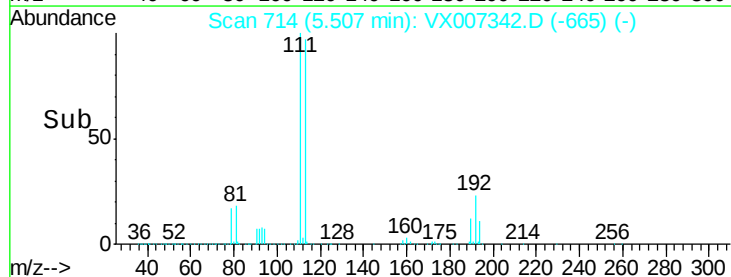
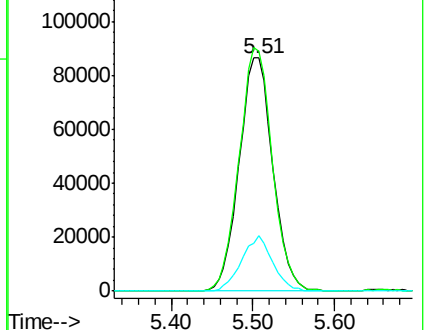
192 21.9 18.5 27.7

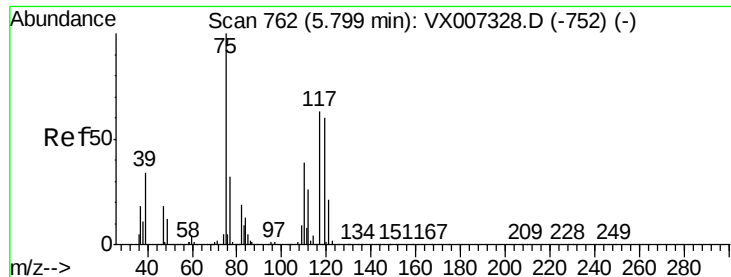


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

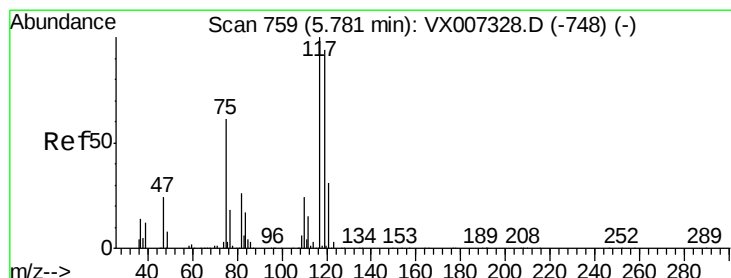
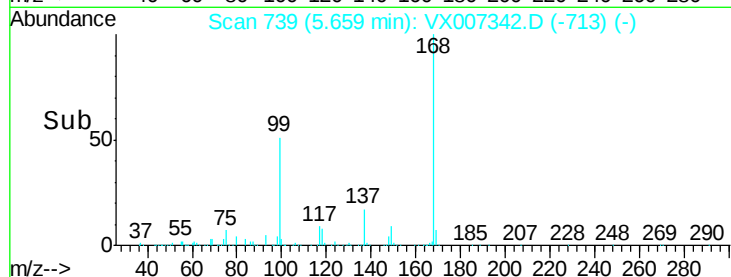
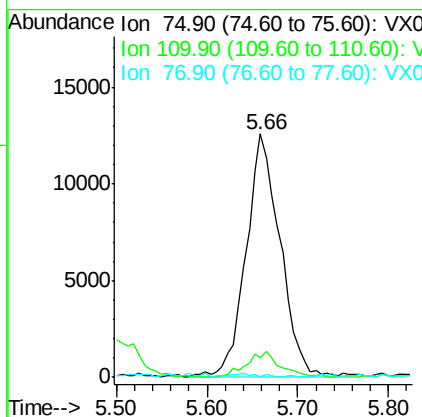
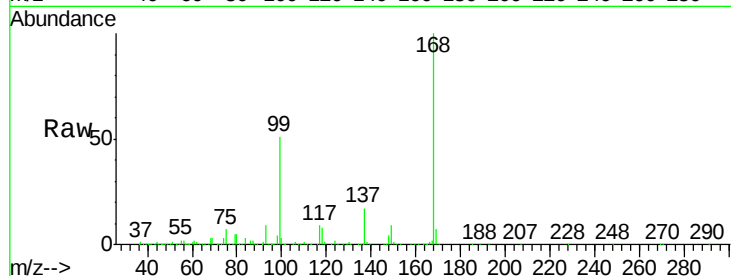




#36
 1,1-Dichloropropene
 Concen: 4.637 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007342.D
 Acq: 01 Feb 2019 17:46

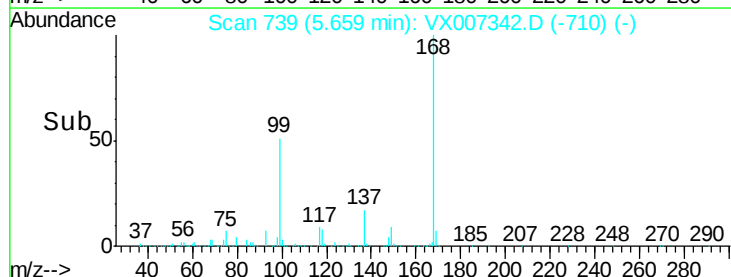
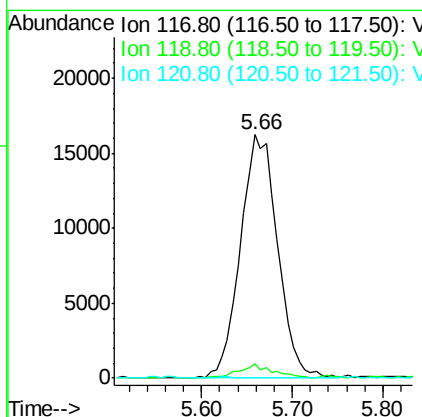
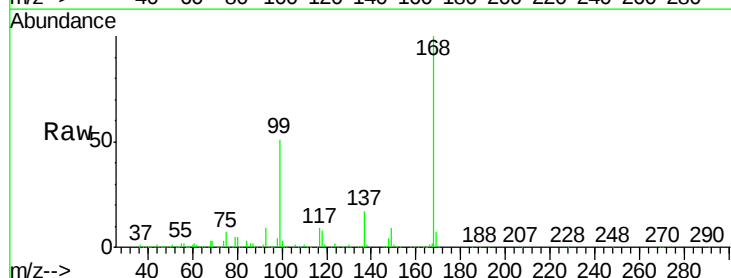
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

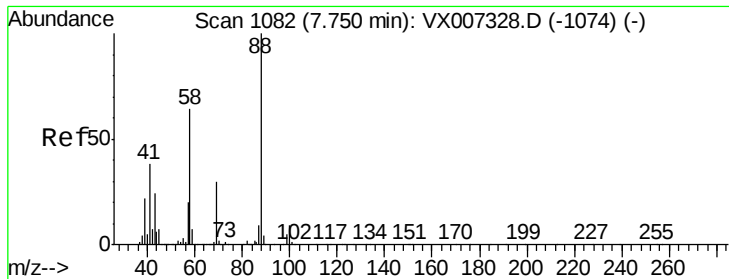
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.0	59.9#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.681 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX007342.D
 Acq: 01 Feb 2019 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.3	112.9#
121	0.0	25.0	37.4#

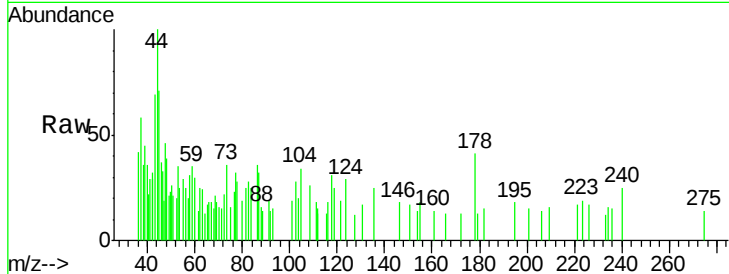




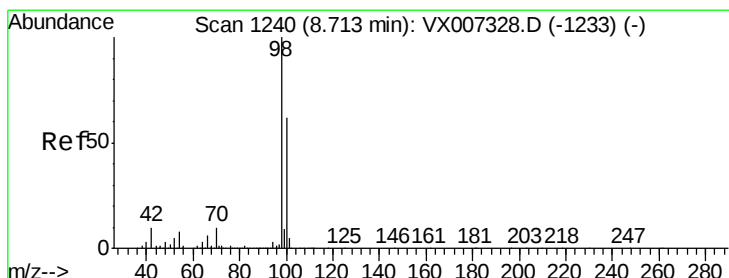
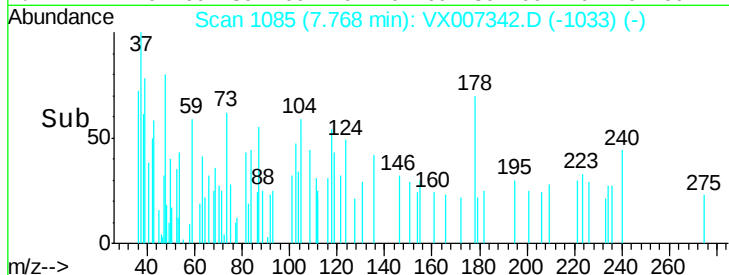
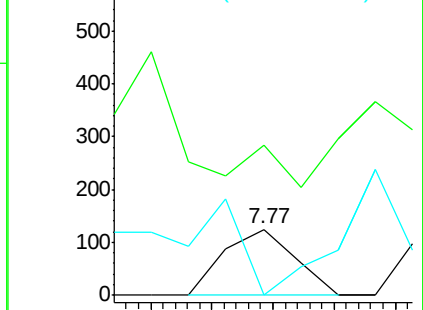
#49
1,4-Dioxane
Concen: 7.667 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 416.0 24.2 36.4#
58 0.0 53.0 79.4#

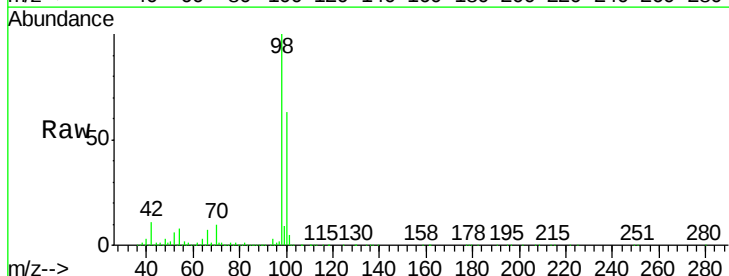


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

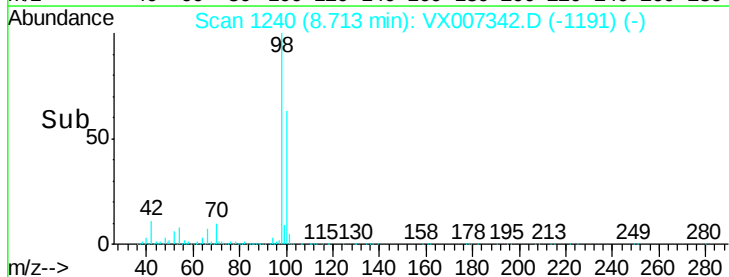
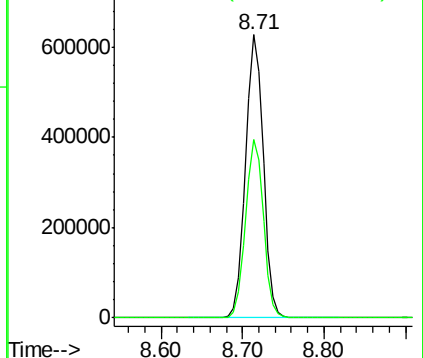


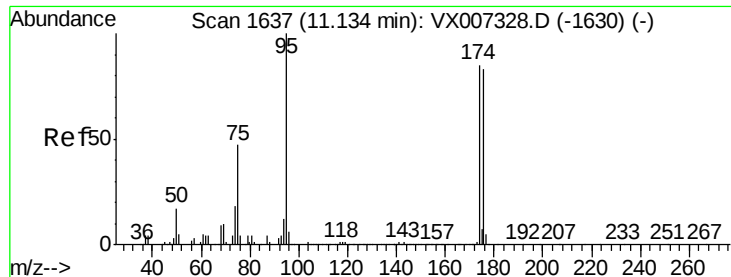
#50
Toluene-d8
Concen: 49.685 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

Tgt Ion: 98 Resp: 948830
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.712 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007342.D

Acq: 01 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

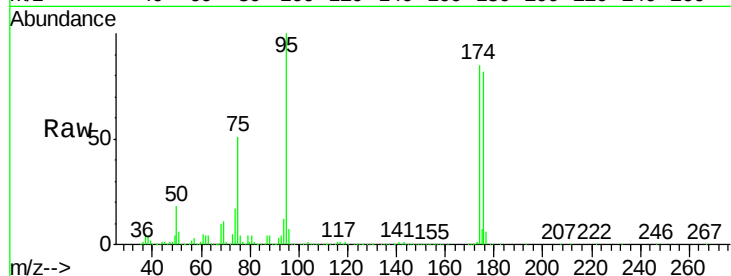
Tot Ion: 95 Resp: 339630

Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

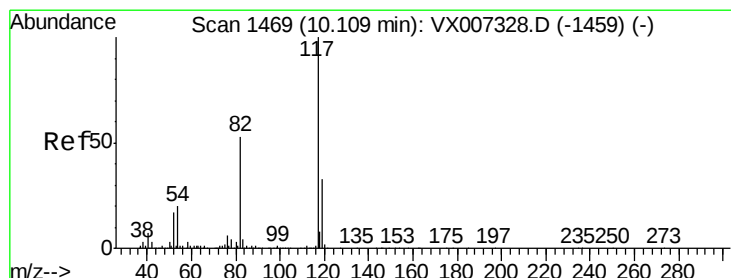
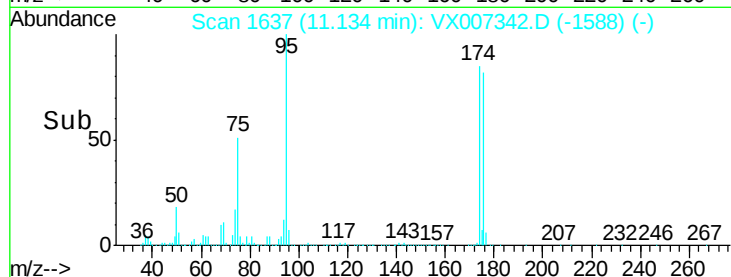
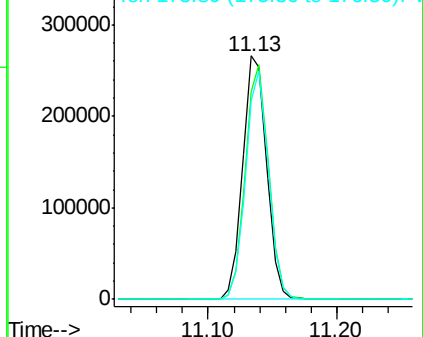
176 89.6 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007342.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007342.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007342.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007342.D

Acq: 01 Feb 2019 17:46

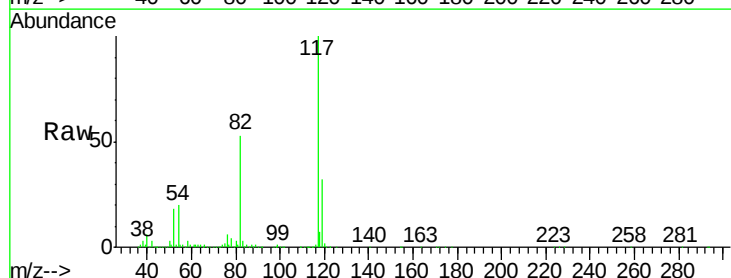
Tgt Ion: 117 Resp: 749980

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

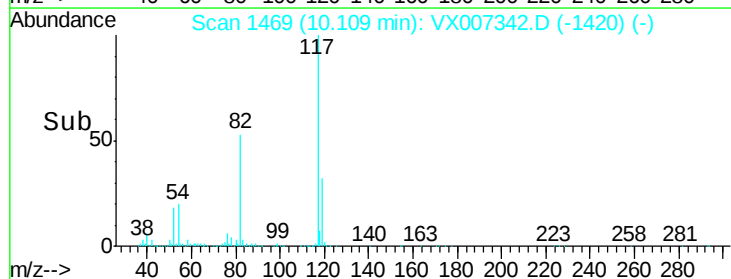
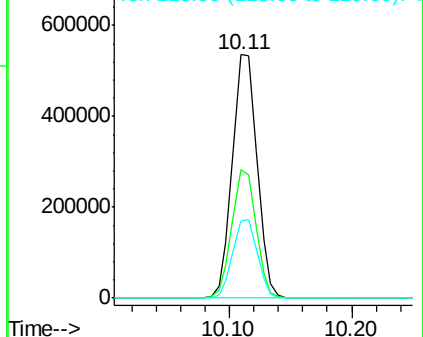
119 31.6 26.5 39.7

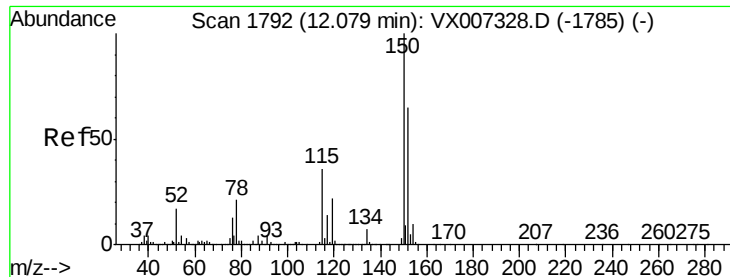


Abundance Ion 116.90 (116.60 to 117.60): VX007342.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007342.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007342.D (-1420) (-)



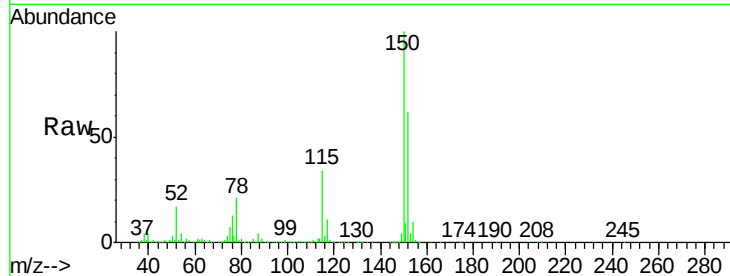


#72

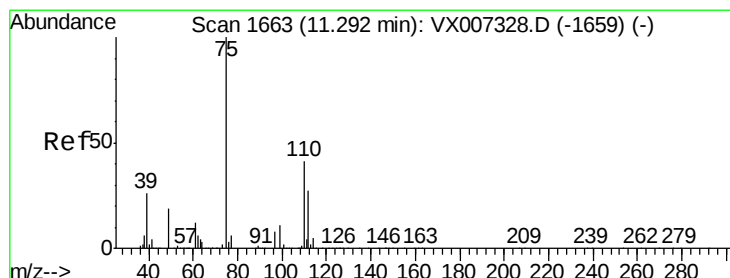
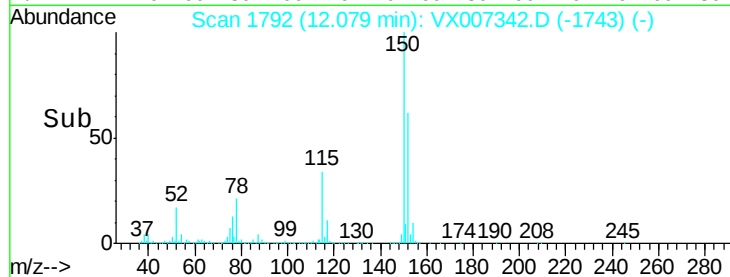
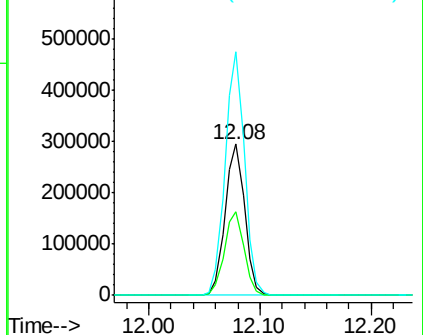
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:152 Resp: 360166
Ion Ratio Lower Upper
152 100
115 56.0 38.0 114.0
150 159.0 0.0 346.4



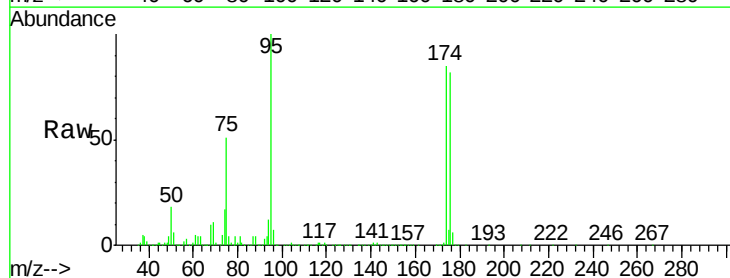
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



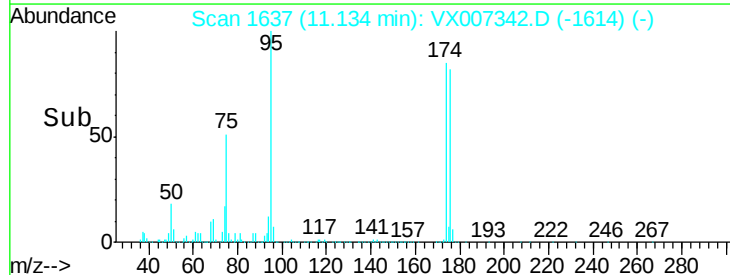
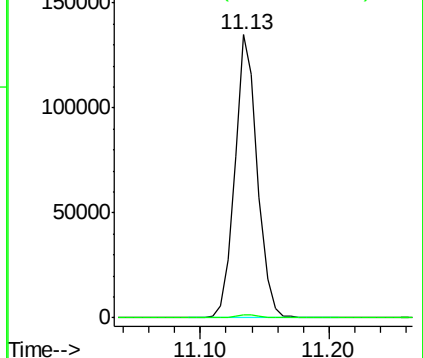
#76

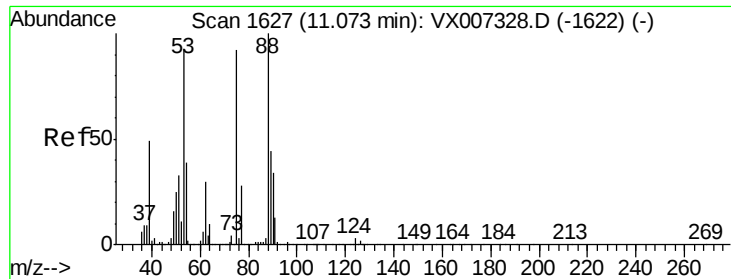
1,2,3-Trichloropropane
Concen: 23.207 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007342.D
Acq: 01 Feb 2019 17:46

Tgt Ion: 75 Resp: 162579
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: 69.892 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007342.D

Acq: 01 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 162579

Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.1 41.4 62.0#

