

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003180.D
 Acq On : 05 Jul 2018 18:47
 Operator : JC/MD
 Sample : J3846-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702

Quant Time: Jul 06 01:05:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204174	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	173464	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
35) Dibromofluoromethane	5.51	113	143863	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	8.72	98	516032	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	197016	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	

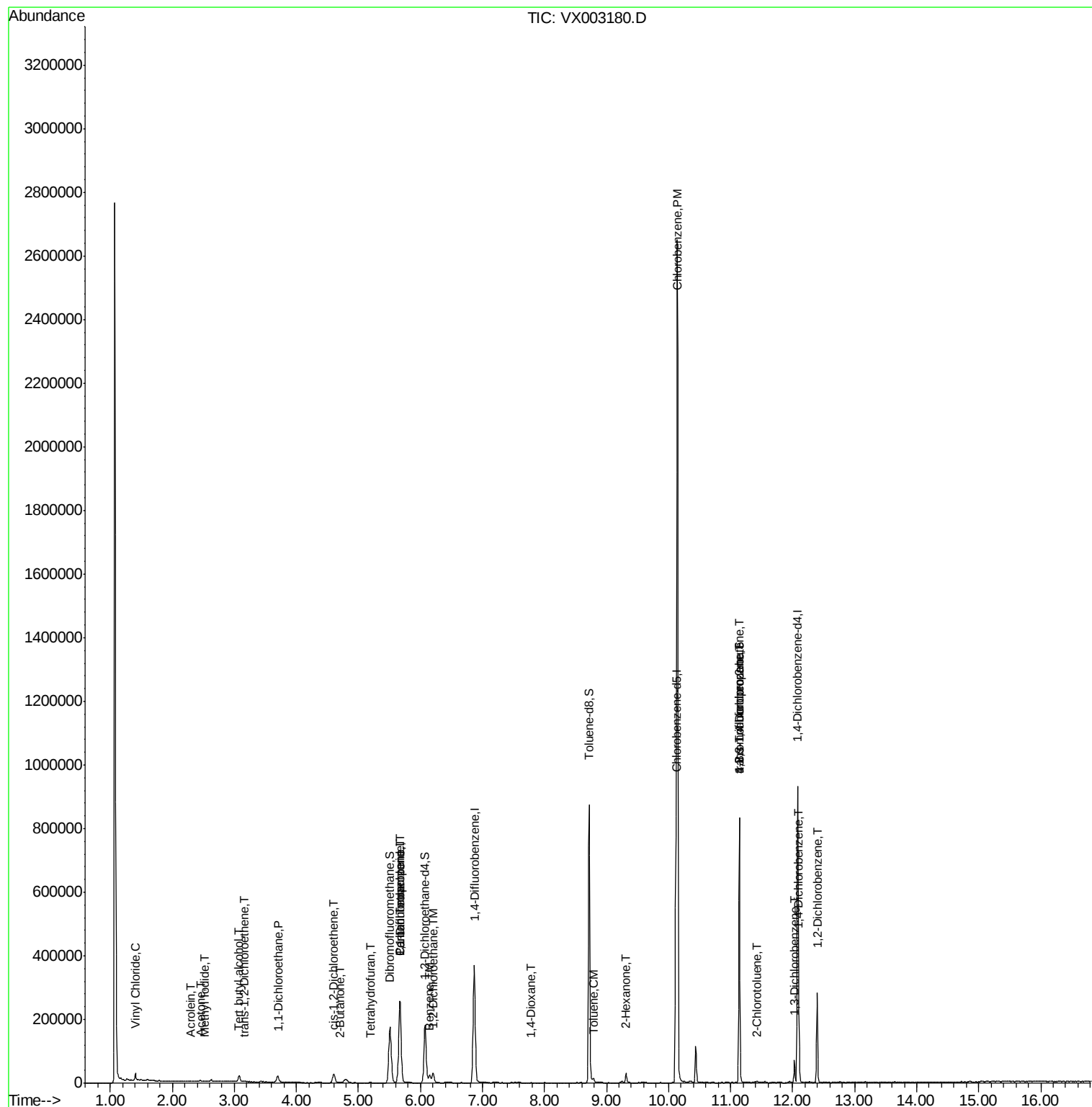
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	67	Below Cal	#	43
3) Chloromethane	1.33	50	578	Below Cal	#	63
4) Vinyl Chloride	1.40	62	13299	4.35	ug/l	80
5) Bromomethane	1.66	94	1611	Below Cal		95
6) Chloroethane	1.73	64	655	Below Cal	#	76
10) Methyl Iodide	2.51	142	1651	6.70	ug/l	95
11) Tert butyl alcohol	3.08	59	25212	33.88	ug/l	96
13) Acrolein	2.30	56	258	4.84	ug/l	12
16) Acetone	2.45	43	3824	2.47	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	581	0.20	ug/l	52
24) 1,1-Dichloroethane	3.70	63	21604	3.96	ug/l	100
25) 2-Butanone	4.71	43	1151	0.50	ug/l	52
27) cis-1,2-Dichloroethene	4.60	96	17662	5.43	ug/l	92
29) Tetrahydrofuran	5.19	42	916	0.62	ug/l	83
36) 1,1-Dichloropropene	5.66	75	17163	4.21	ug/l	50
38) Carbon Tetrachloride	5.67	117	24038	5.37	ug/l	16
40) Benzene	6.15	78	26880	2.27	ug/l	94
42) 1,2-Dichloroethane	6.20	62	32282	6.74	ug/l	97
49) 1,4-Dioxane	7.77	88	342	4.63	ug/l	70
52) Toluene	8.79	92	3400	0.45	ug/l	98
59) 2-Hexanone	9.31	43	16498	4.71	ug/l	81
65) Chlorobenzene	10.14	112	1135464	128.34	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	96283	26.03	ug/l	33
79) 2-Chlorotoluene	11.42	91	2176	0.23	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	96283	73.82	ug/l	7
87) 1,3-Dichlorobenzene	12.03	146	23375	3.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	68986	9.38	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	91678	12.71	ug/l	99

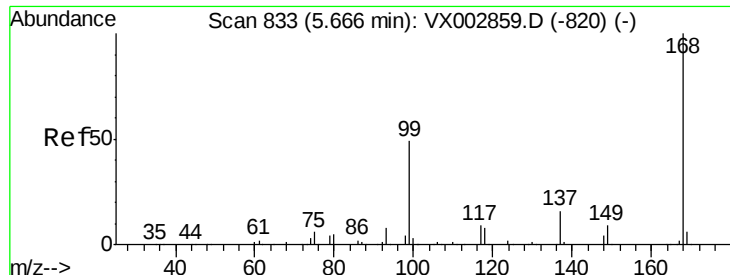
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070518\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

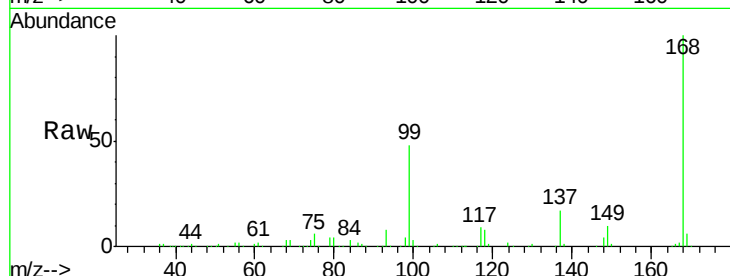
WP022RW350-180702

Tot Ion:168 Resp: 270257

Ion Ratio Lower Upper

168 100

99 48.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

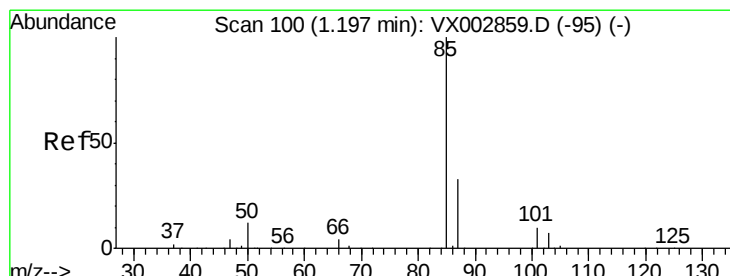
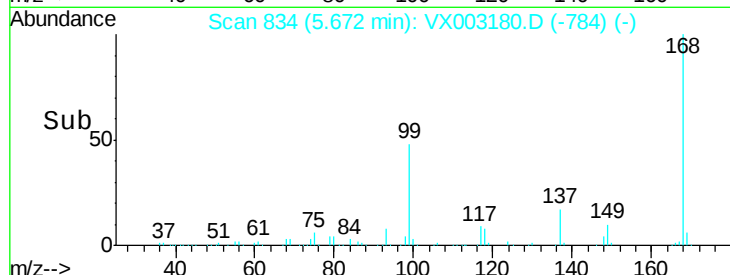
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003180.D

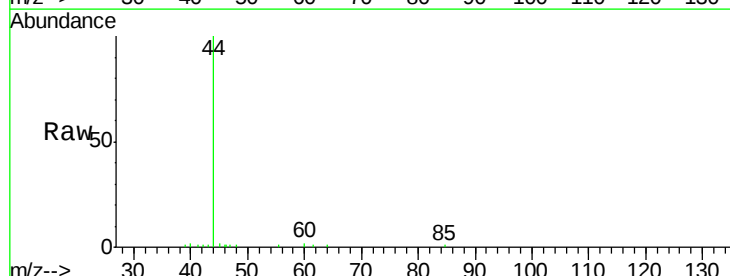
Acq: 05 Jul 2018 18:47

Tgt Ion: 85 Resp: 67

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80

60

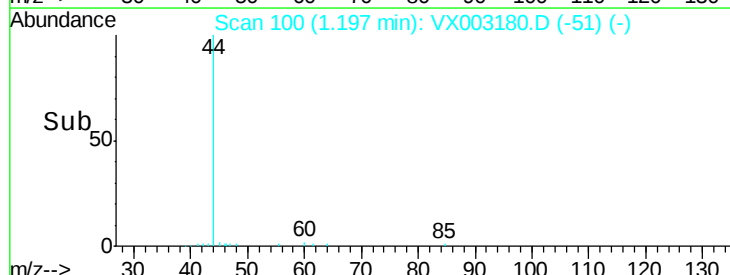
40

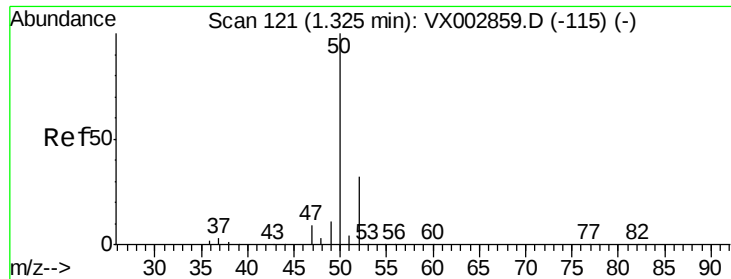
20

0

Time-->

1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

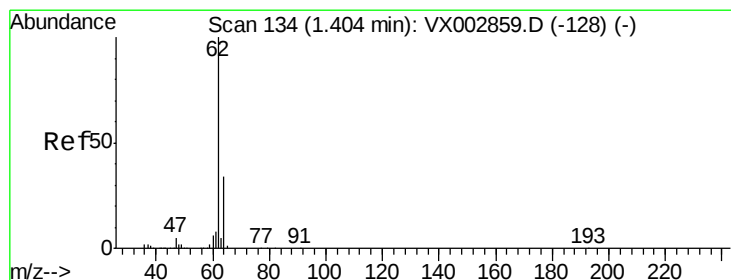
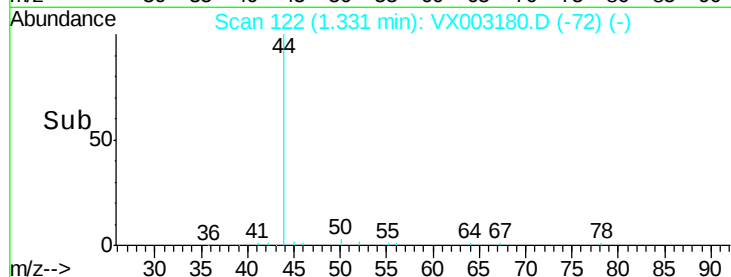
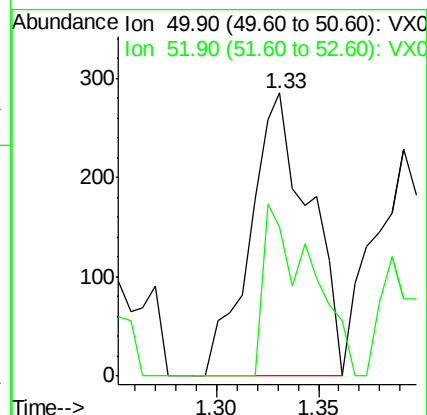
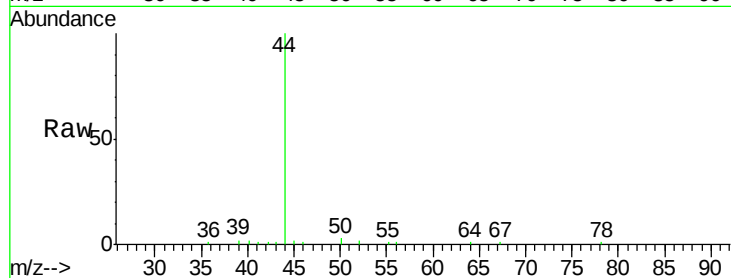
WP022RW350-180702

Tot Ion: 50 Resp: 578

Ion Ratio Lower Upper

50 100

52 52.6 25.7 38.5#



#4

Vinyl Chloride

Concen: 4.35 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003180.D

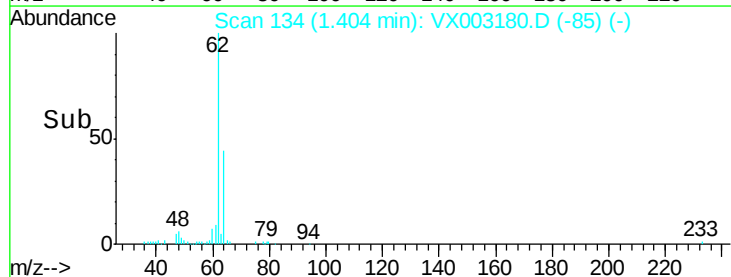
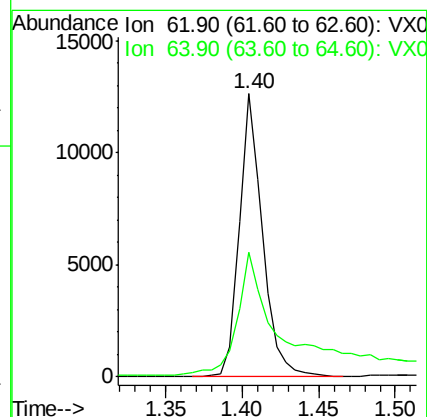
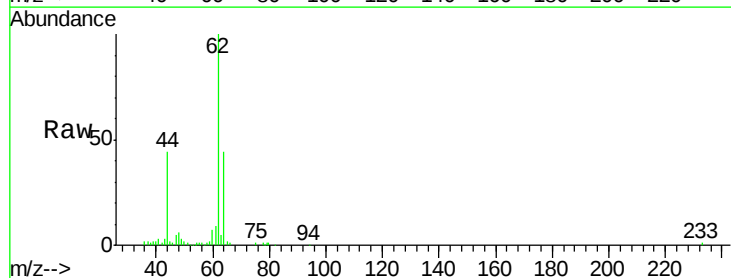
Acq: 05 Jul 2018 18:47

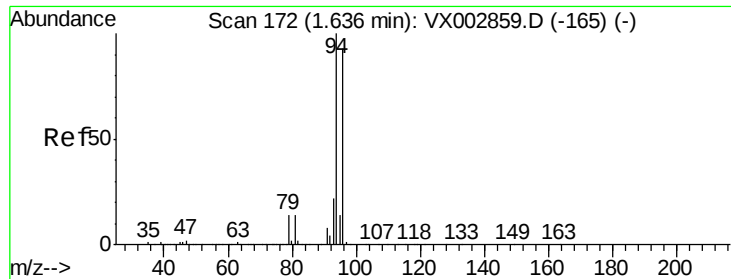
Tgt Ion: 62 Resp: 13299

Ion Ratio Lower Upper

62 100

64 42.7 25.4 38.2#





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

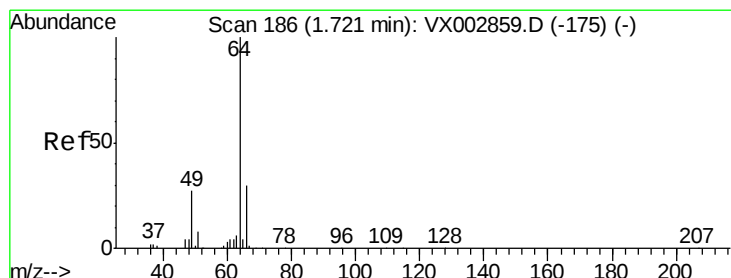
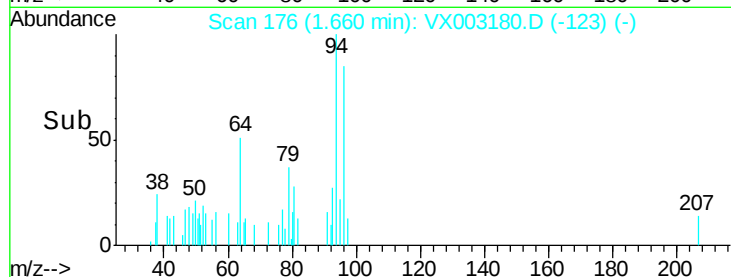
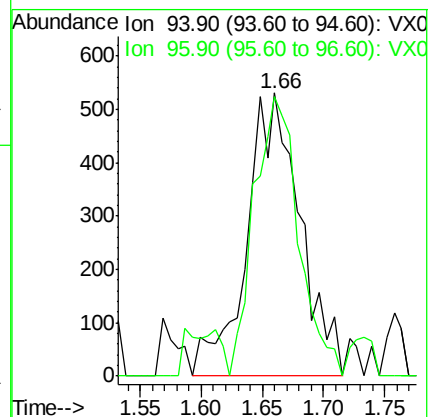
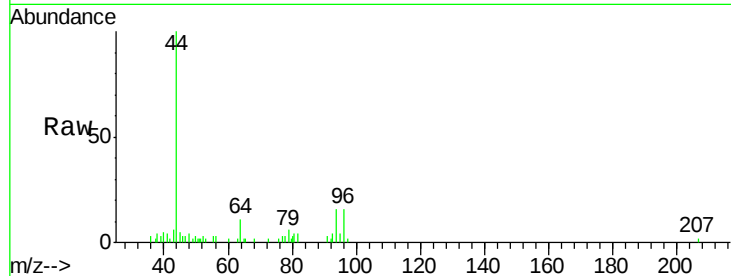
WP022RW350-180702

Tot Ion: 94 Resp: 1611

Ion Ratio Lower Upper

94 100

96 98.9 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003180.D

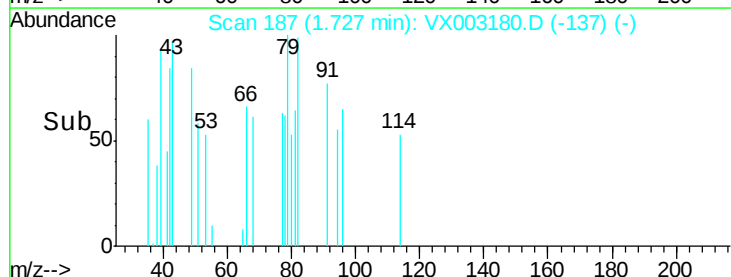
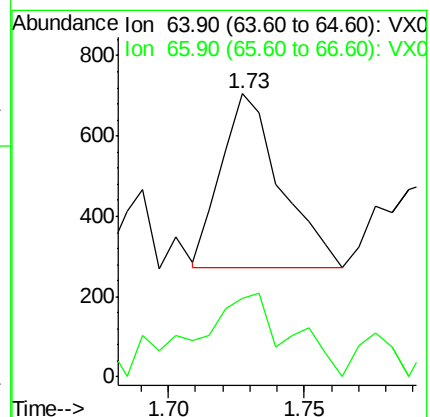
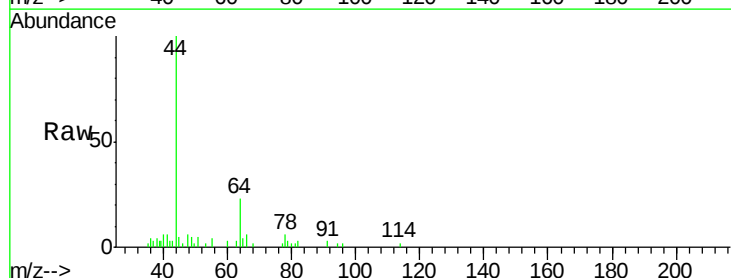
Acq: 05 Jul 2018 18:47

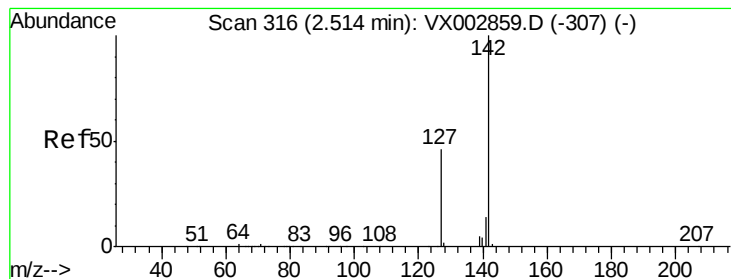
Tgt Ion: 64 Resp: 655

Ion Ratio Lower Upper

64 100

66 45.4 25.5 38.3#





#10

Methvl Iodide

Concen: 6.70 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

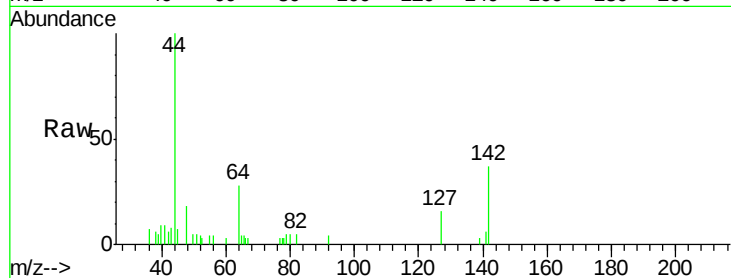
Tot Ion:142 Resp: 1651

Ion Ratio Lower Upper

142 100

127 48.4 36.6 55.0

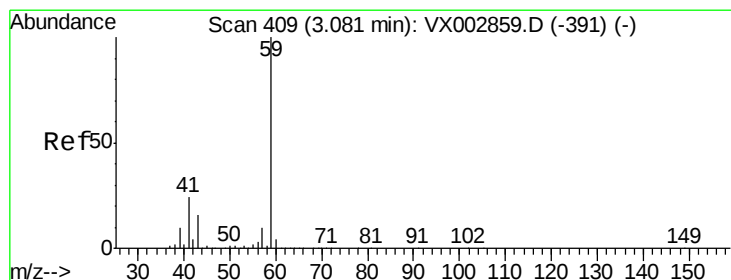
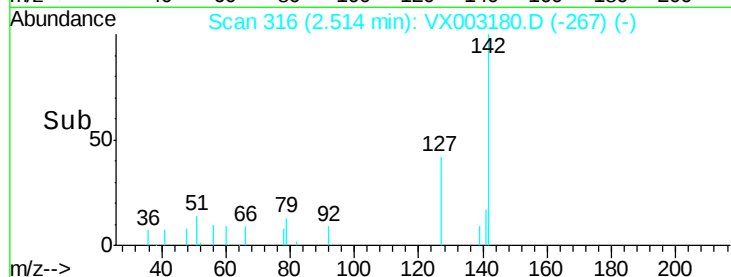
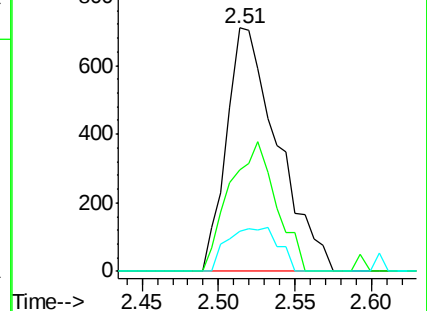
141 18.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 33.88 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX003180.D

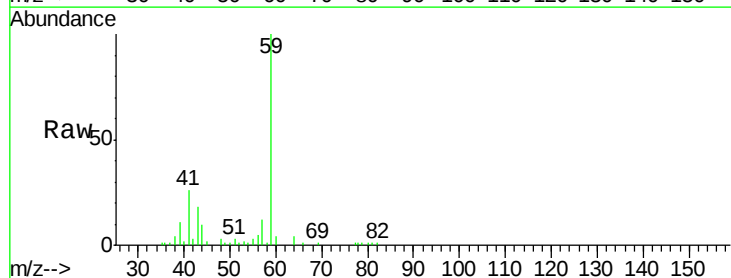
Acq: 05 Jul 2018 18:47

Tgt Ion: 59 Resp: 25212

Ion Ratio Lower Upper

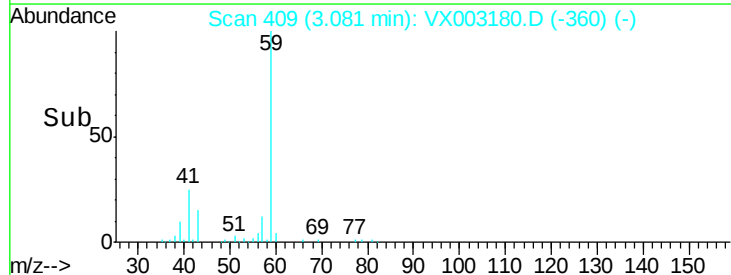
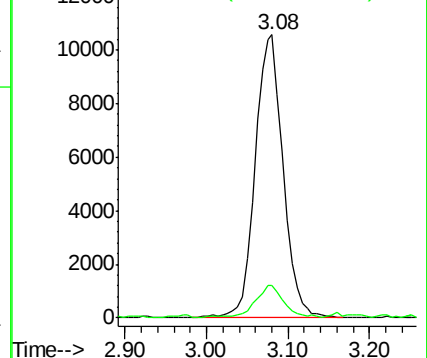
59 100

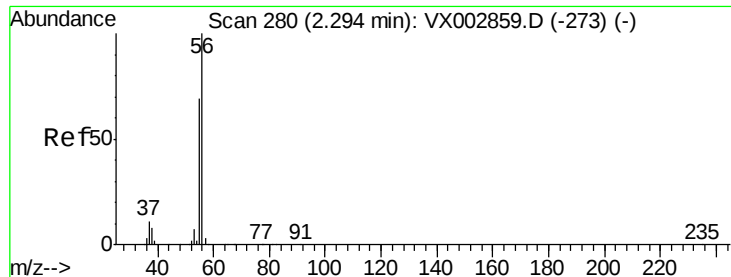
57 11.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 4.84 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

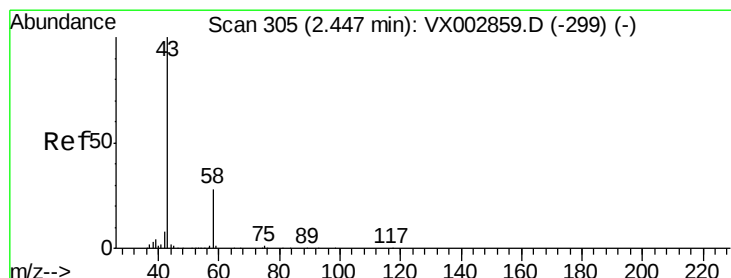
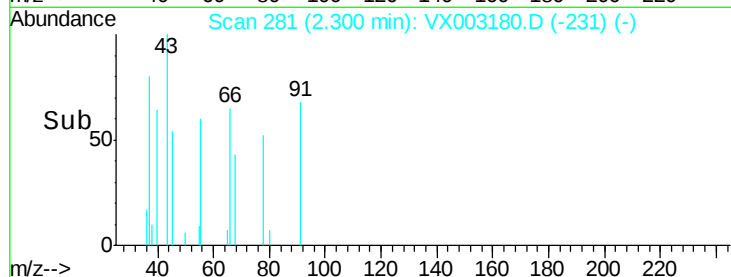
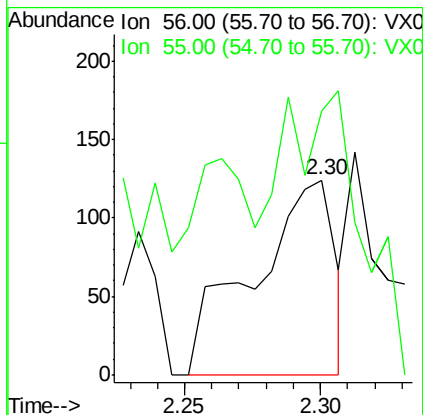
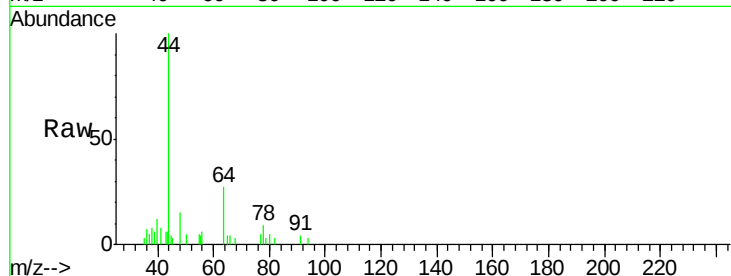
WP022RW350-180702

Tot Ion: 56 Resp: 258

Ion Ratio Lower Upper

56 100

55 144.2 57.0 85.4#



#16

Acetone

Concen: 2.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003180.D

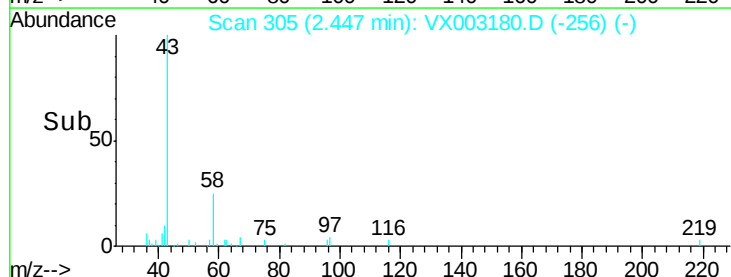
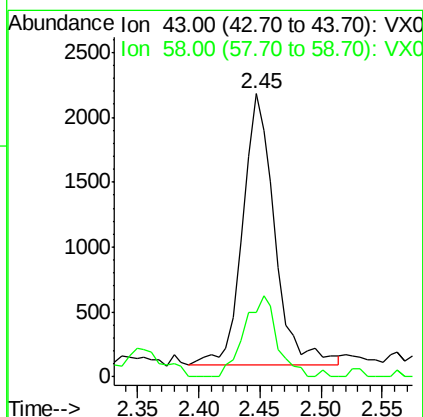
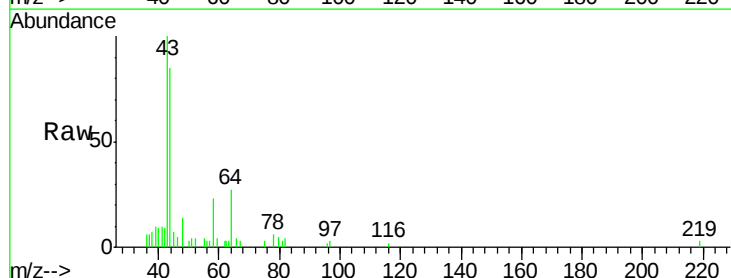
Acq: 05 Jul 2018 18:47

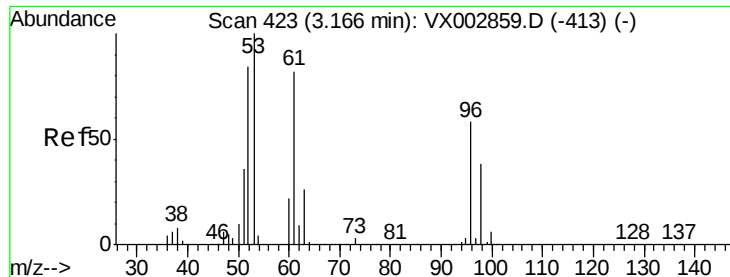
Tgt Ion: 43 Resp: 3824

Ion Ratio Lower Upper

43 100

58 23.9 22.1 33.1





#21

trans-1,2-Dichloroethene

Concen: 0.20 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

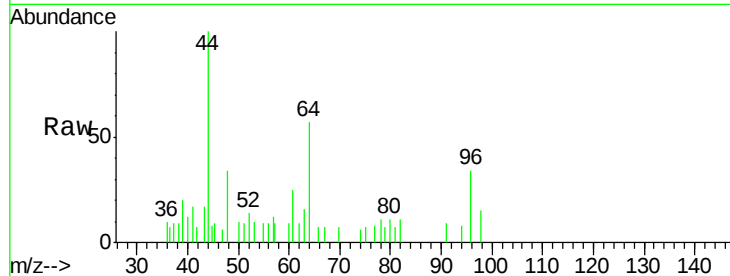
Tot Ion: 96 Resp: 581

Ion Ratio Lower Upper

96 100

61 74.3 117.0 175.4#

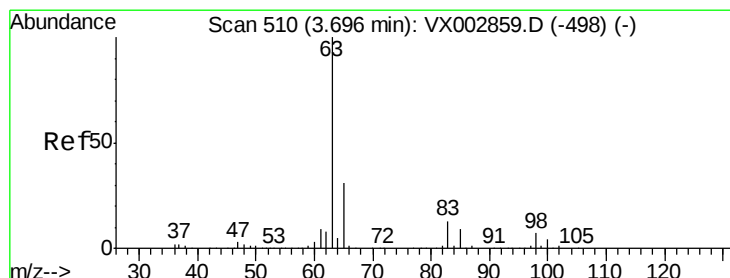
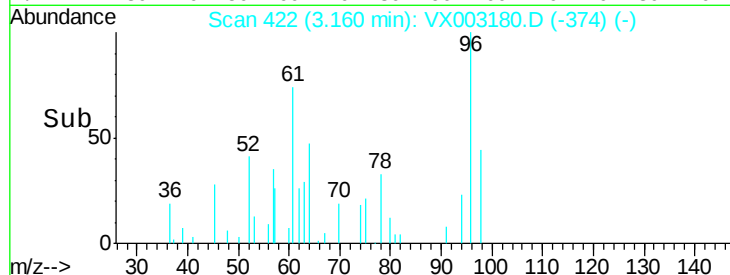
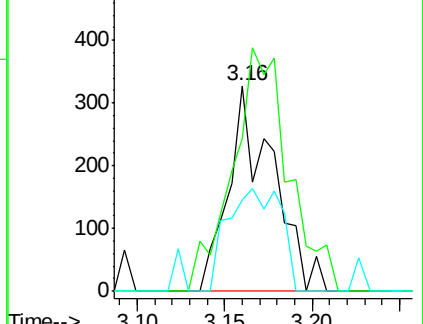
98 44.3 52.4 78.6#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 3.96 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

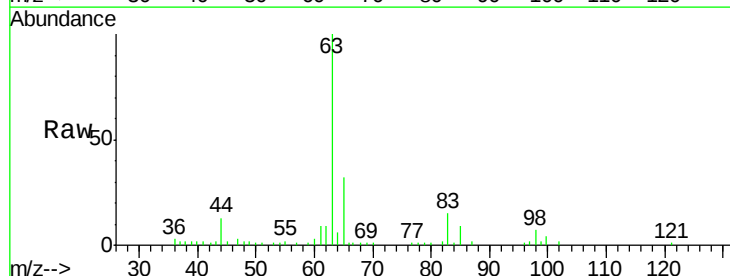
Tgt Ion: 63 Resp: 21604

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

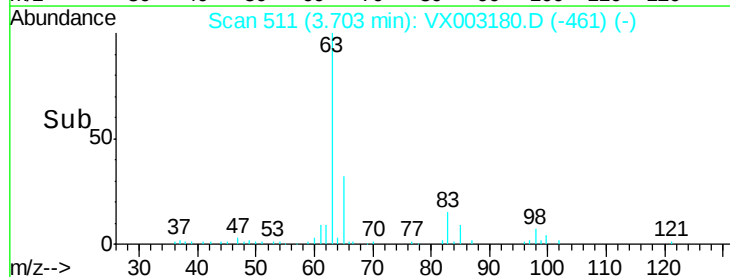
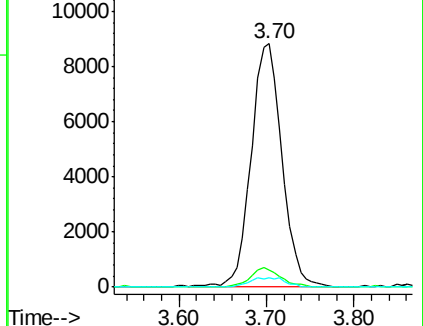
100 4.0 2.0 6.0

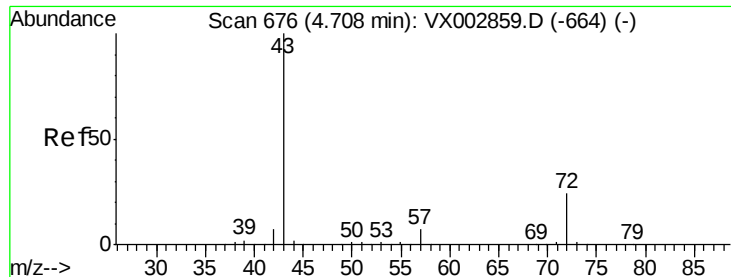


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.50 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

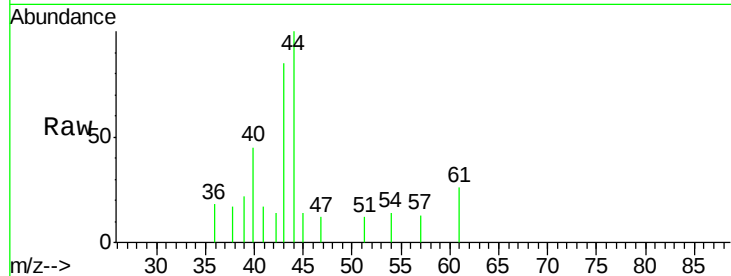
WP022RW350-180702

Tot Ion: 43 Resp: 1151

Ion Ratio Lower Upper

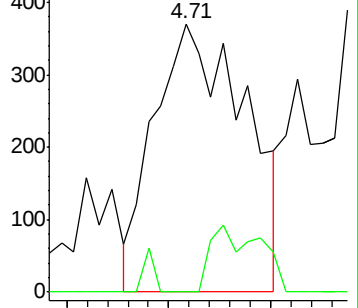
43 100

72 0.0 18.5 27.7#

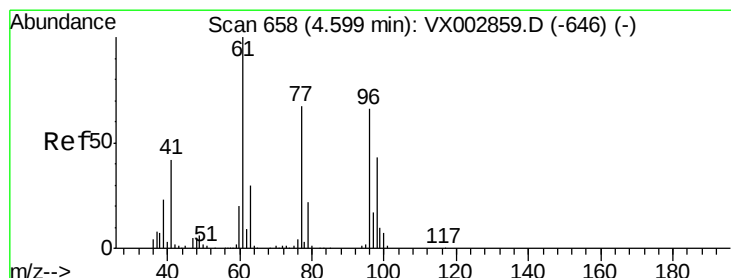
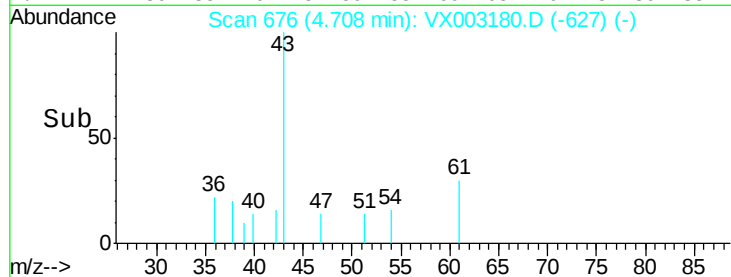


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 5.43 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

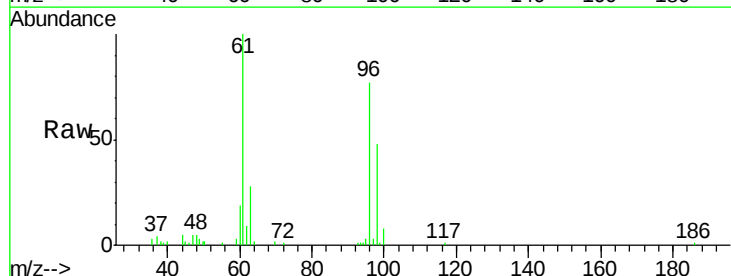
Tgt Ion: 96 Resp: 17662

Ion Ratio Lower Upper

96 100

61 150.2 0.0 330.2

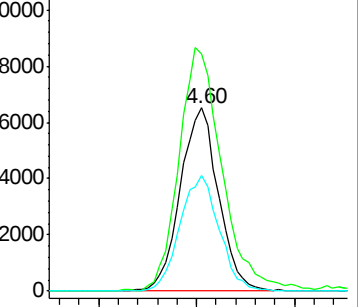
98 64.6 0.0 130.2



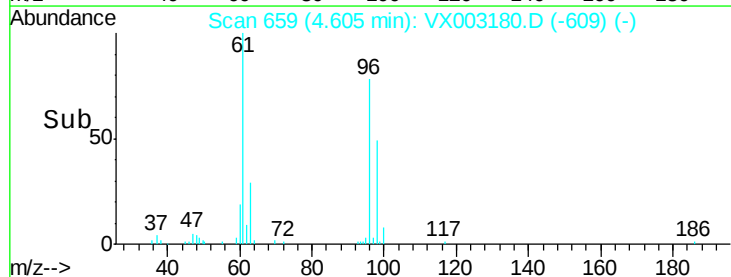
Abundance Ion 95.90 (95.60 to 96.60): VX0

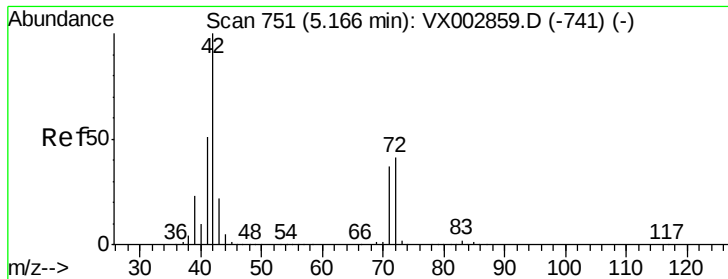
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->

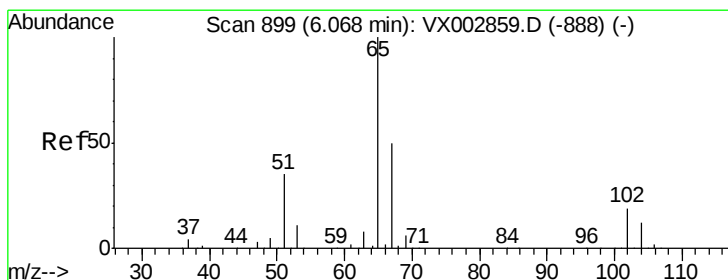
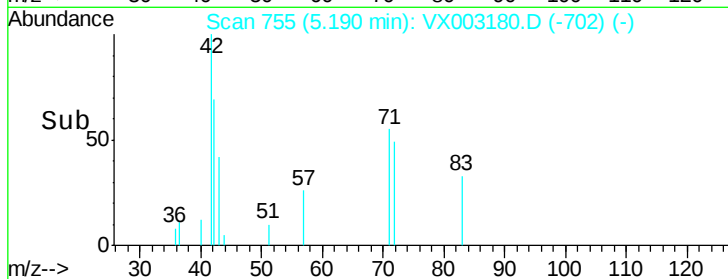
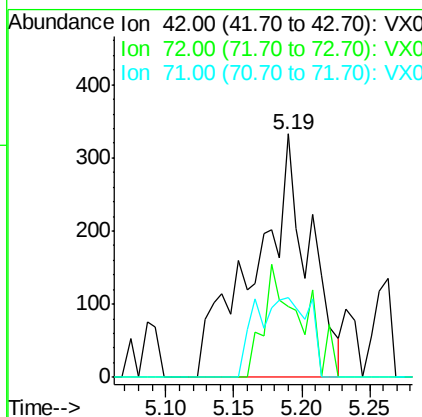
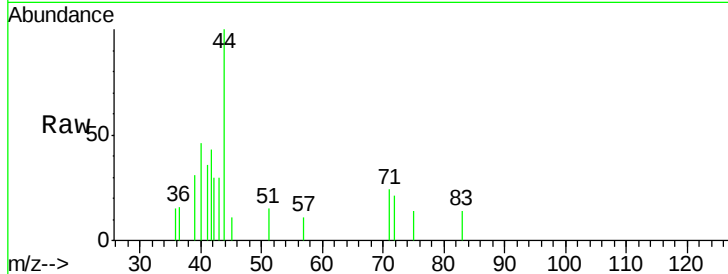




#29
Tetrahydrofuran
Concen: 0.62 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX003180.D
Acq: 05 Jul 2018 18:47

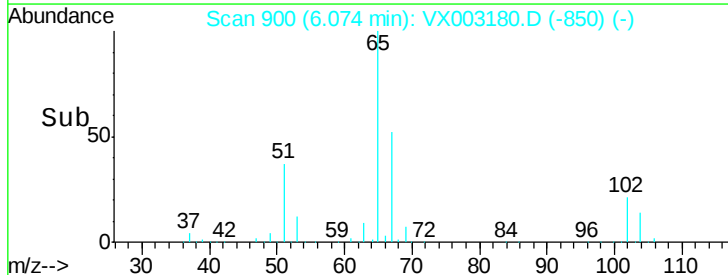
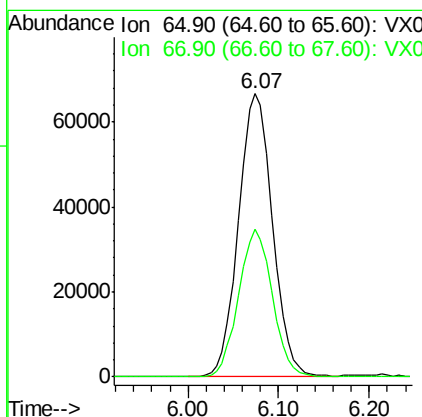
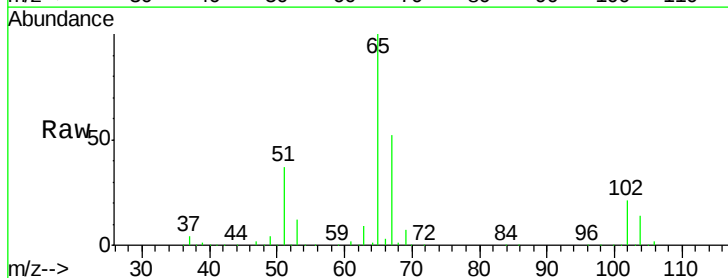
Instrument :
MSVOA_X
ClientSampleId :
WP022RW350-180702

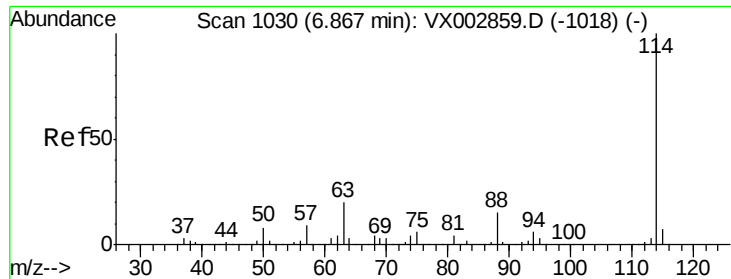
Tot Ion: 42 Resp: 916
Ion Ratio Lower Upper
42 100
72 32.6 32.0 48.0
71 23.7 30.1 45.1#



#33
1,2-Dichloroethane-d4
Concen: 46.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003180.D
Acq: 05 Jul 2018 18:47

Tgt Ion: 65 Resp: 173464
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.6

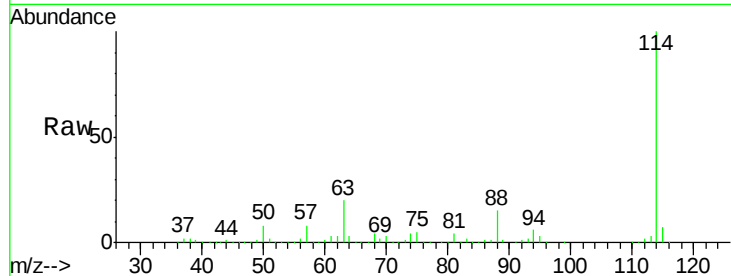




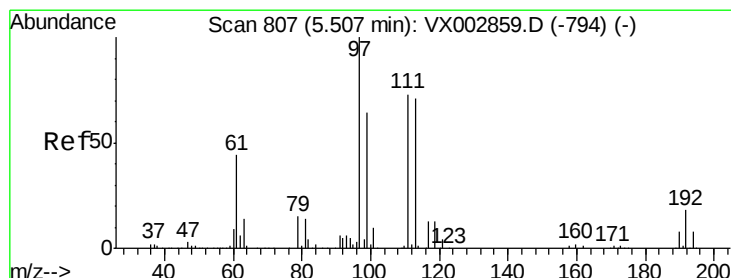
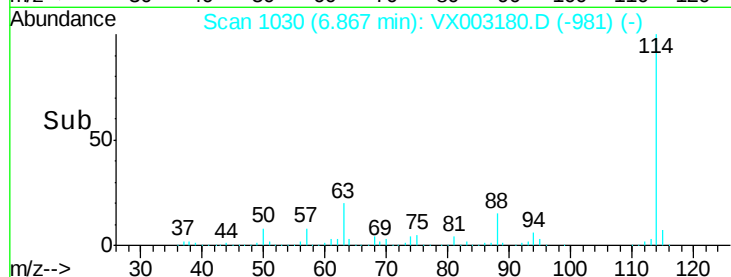
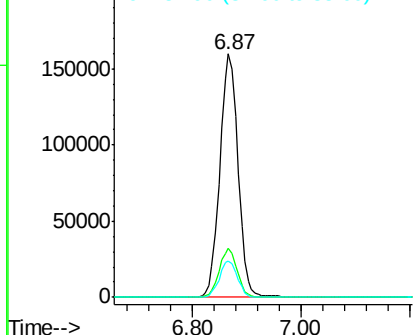
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003180.D
Acq: 05 Jul 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
WP022RW350-180702

Tot Ion:114 Resp: 372177
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.4
88 14.8 0.0 30.0

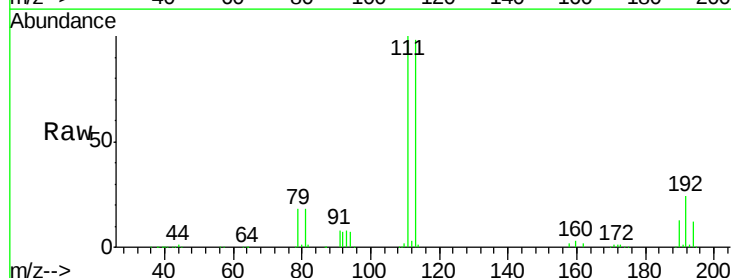


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

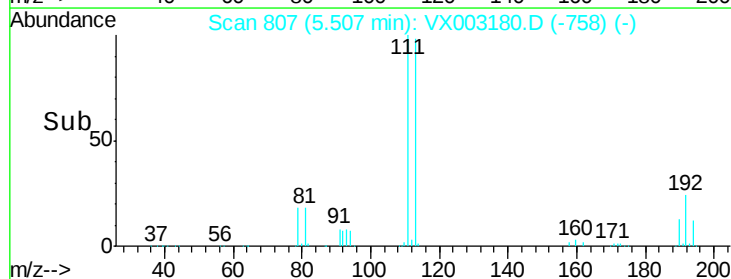
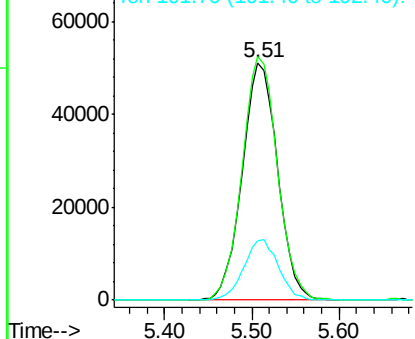


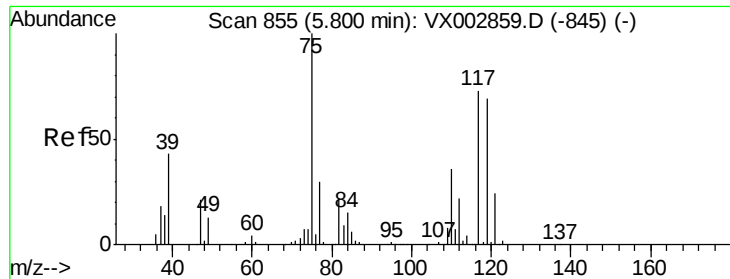
#35
Dibromofluoromethane
Concen: 48.81 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003180.D
Acq: 05 Jul 2018 18:47

Tgt Ion:113 Resp: 143863
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 25.1 19.1 28.7



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

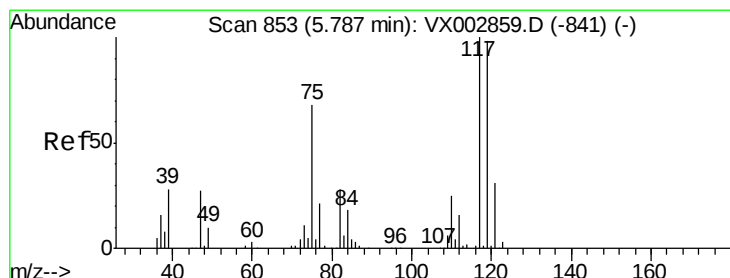
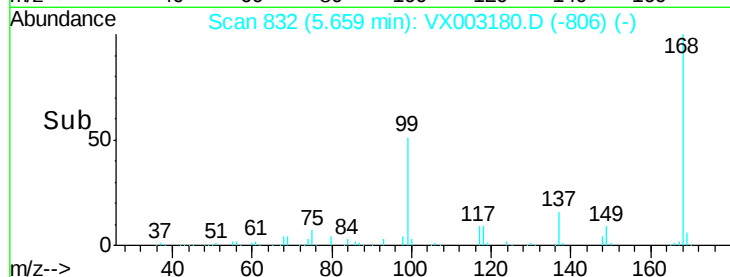
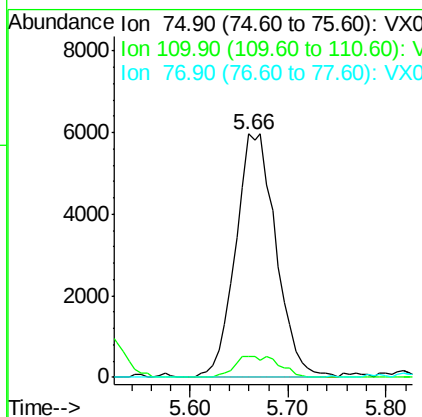
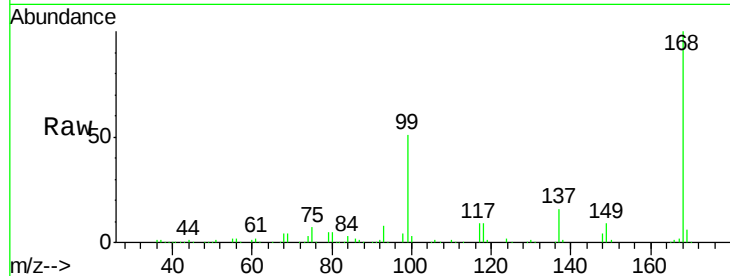




#36
 1,1-Dichloropropene
 Concen: 4.21 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003180.D
 Acq: 05 Jul 2018 18:47

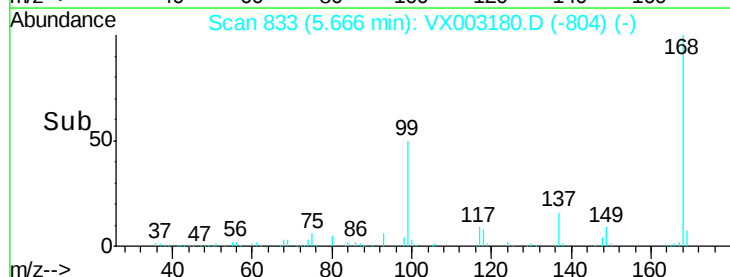
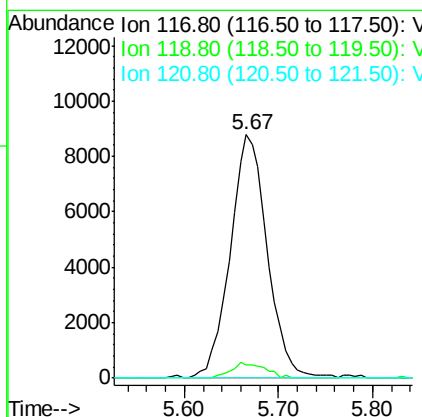
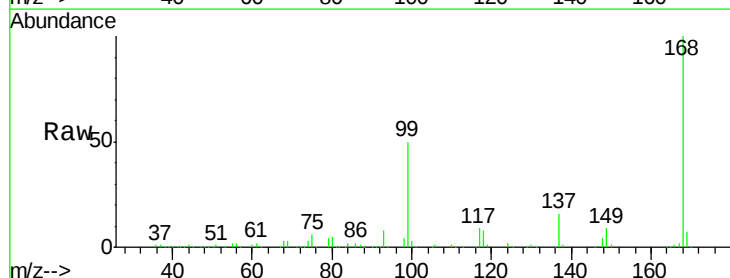
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702

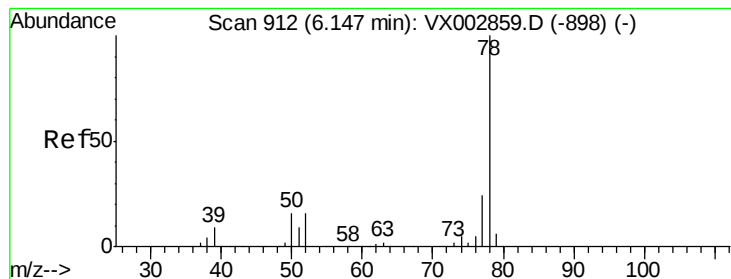
Tot Ion	75	Resp	17163
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.37 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003180.D
 Acq: 05 Jul 2018 18:47

Tgt Ion	117	Resp	24038
Ion Ratio	Lower	Upper	
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#





#40

Benzene

Concen: 2.27 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

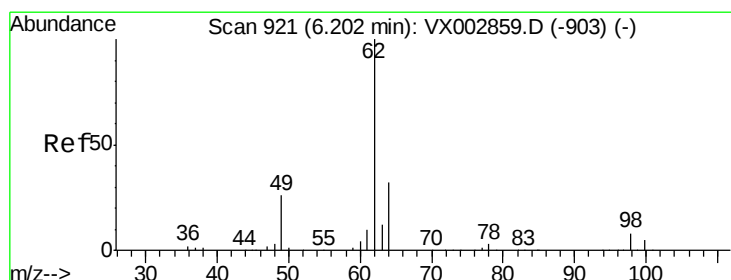
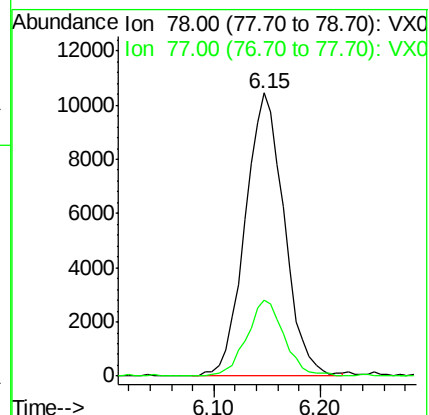
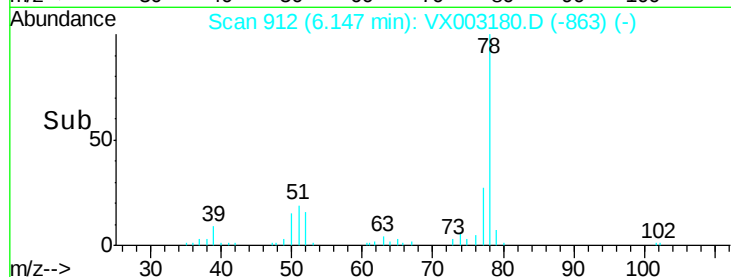
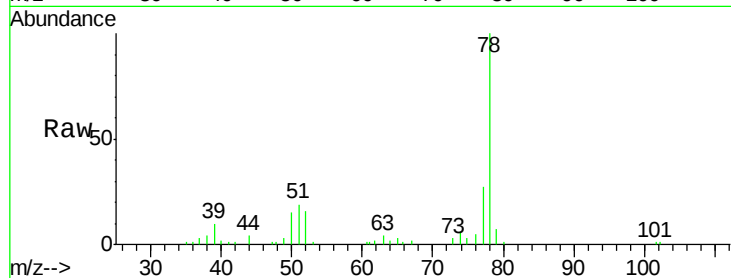
WP022RW350-180702

Tot Ion: 78 Resp: 26880

Ion Ratio Lower Upper

78 100

77 26.9 19.1 28.7



#42

1,2-Dichloroethane

Concen: 6.74 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003180.D

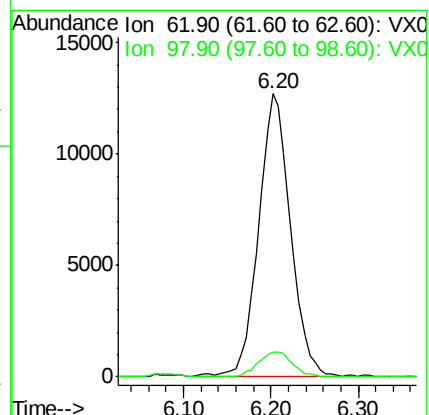
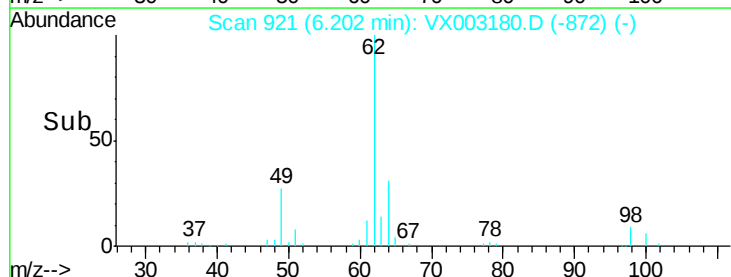
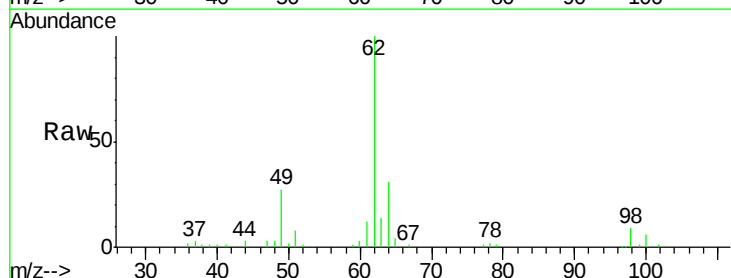
Acq: 05 Jul 2018 18:47

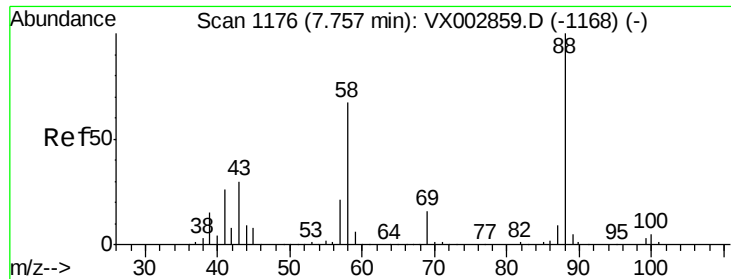
Tgt Ion: 62 Resp: 32282

Ion Ratio Lower Upper

62 100

98 9.4 0.0 16.6





#49

1,4-Dioxane

Concen: 4.63 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. 0.02 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

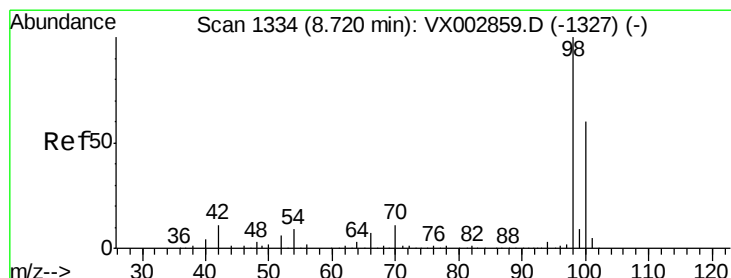
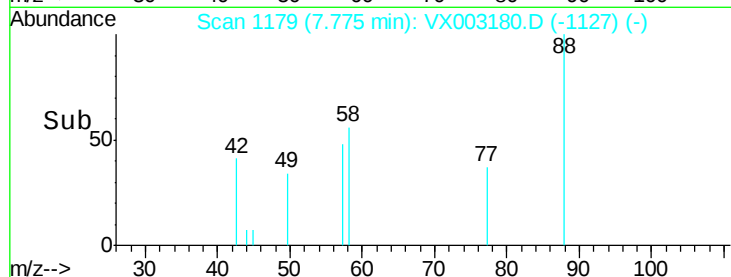
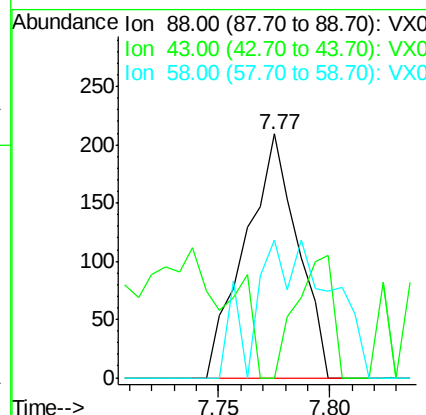
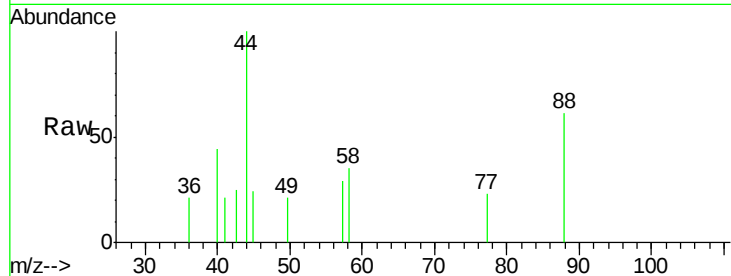
MSVOA_X

ClientSampleId :

WP022RW350-180702

Tot Ion: 88 Resp: 342

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	81.9	57.1	85.7



#50

Toluene-d8

Concen: 47.95 ug/l

RT: 8.72 min Scan# 1334

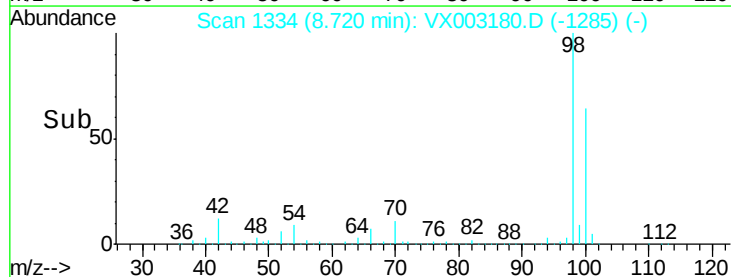
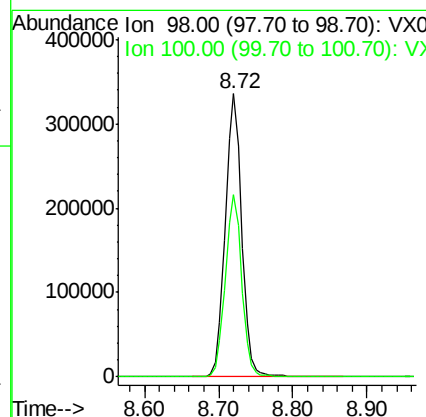
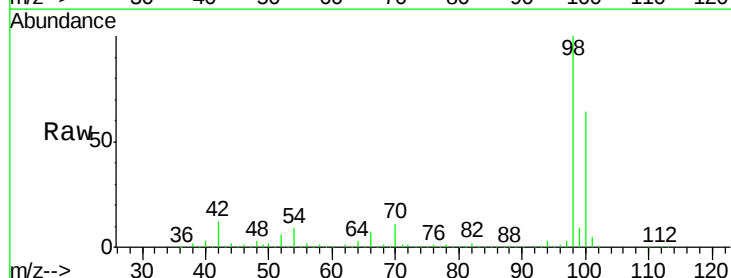
Delta R.T. 0.00 min

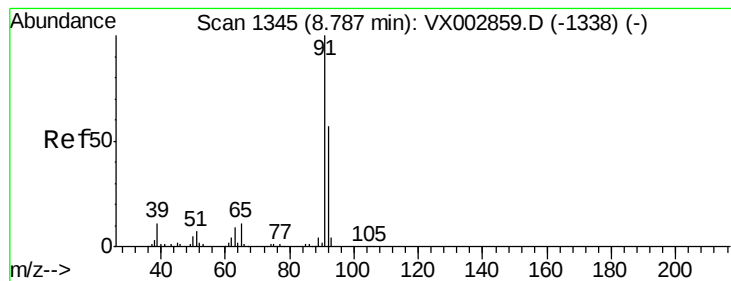
Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Tgt Ion: 98 Resp: 516032

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





#52

Toluene

Concen: 0.45 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

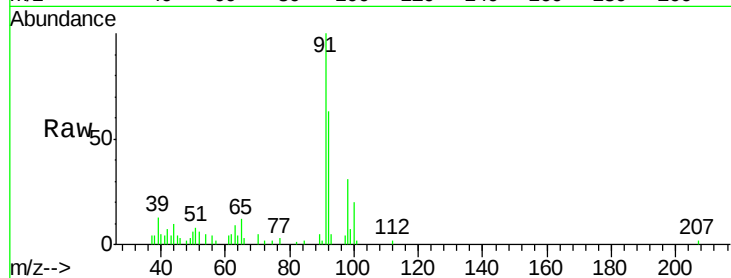
WP022RW350-180702

Tot Ion: 92 Resp: 3400

Ion Ratio Lower Upper

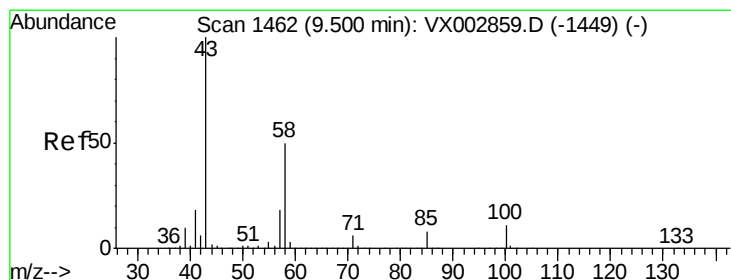
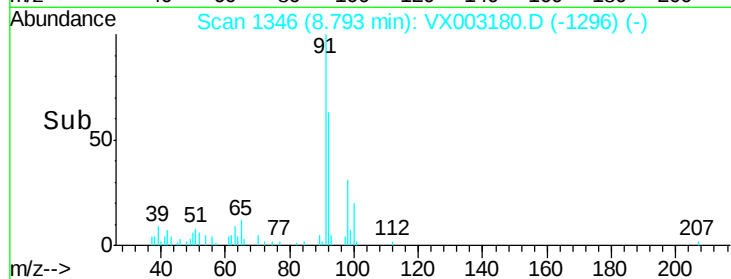
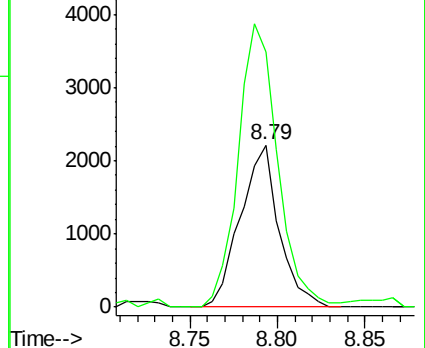
92 100

91 178.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 4.71 ug/l

RT: 9.31 min Scan# 1431

Delta R.T. -0.19 min

Lab File: VX003180.D

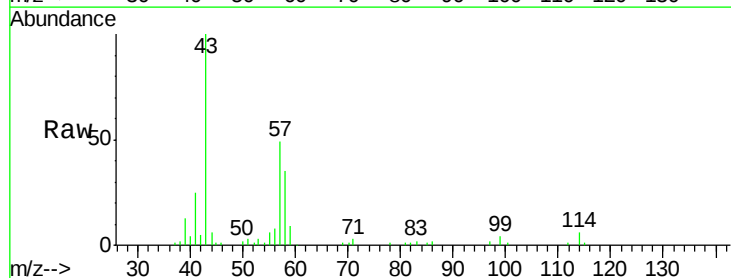
Acq: 05 Jul 2018 18:47

Tgt Ion: 43 Resp: 16498

Ion Ratio Lower Upper

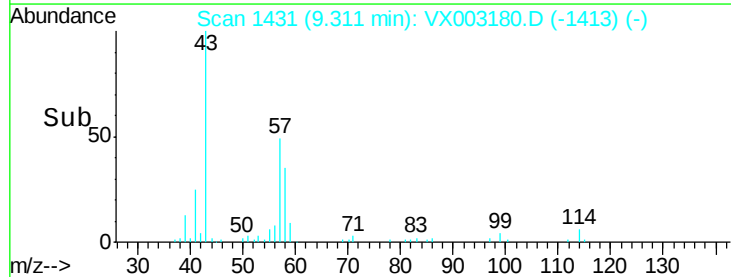
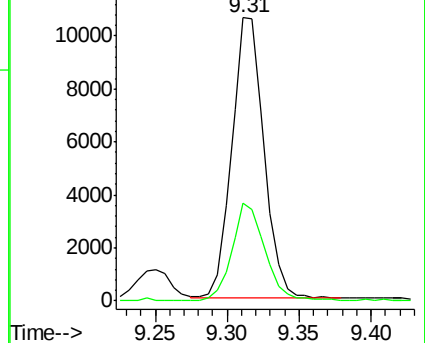
43 100

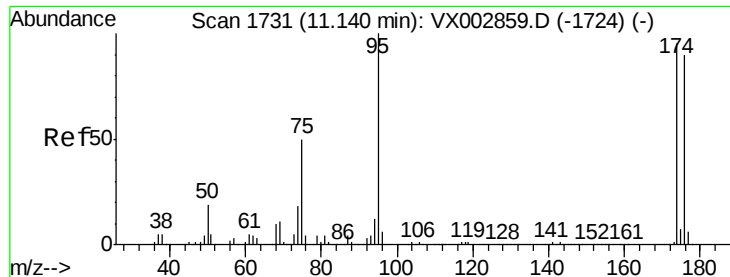
58 36.0 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

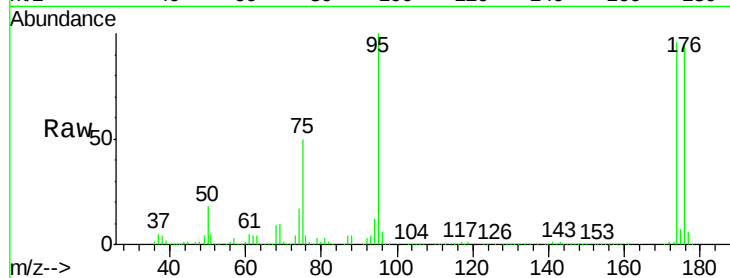
Tot Ion: 95 Resp: 197016

Ion Ratio Lower Upper

95 100

174 100.7 0.0 187.4

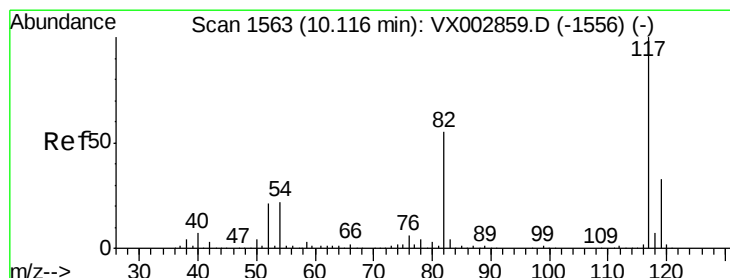
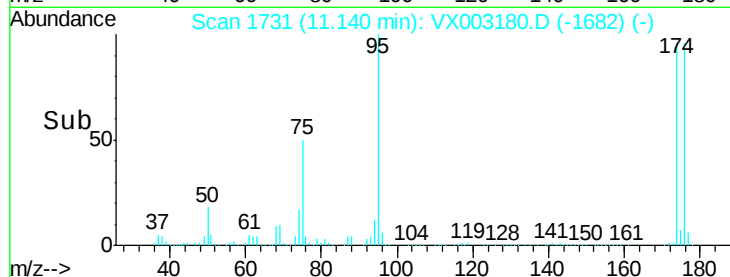
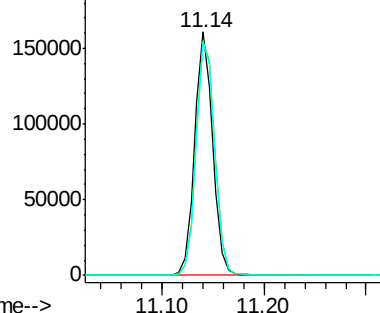
176 98.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

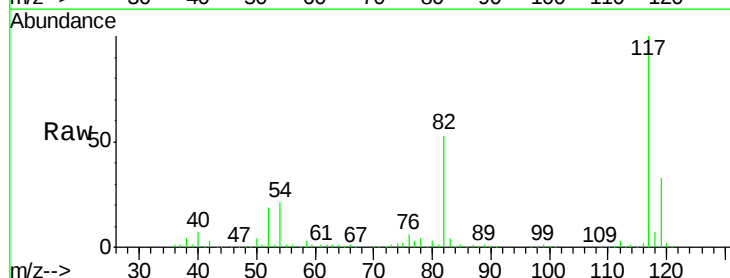
Tgt Ion: 117 Resp: 348310

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.4

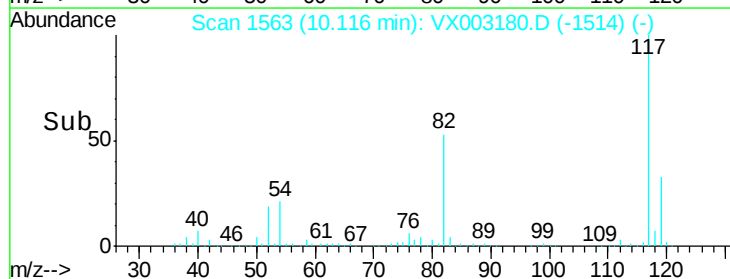
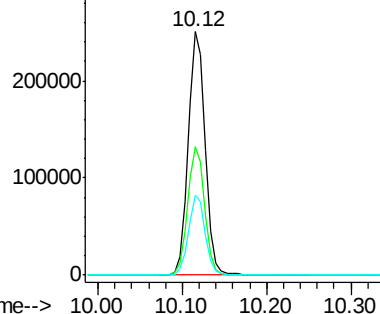
119 32.7 25.8 38.6

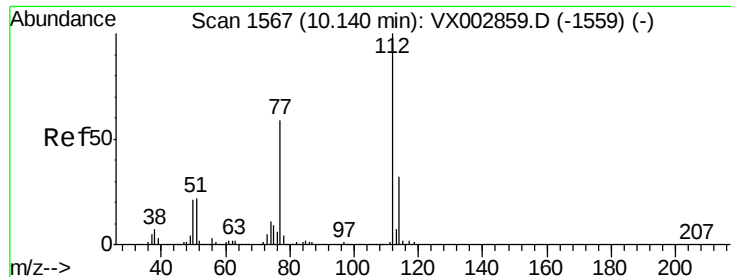


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 128.34 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

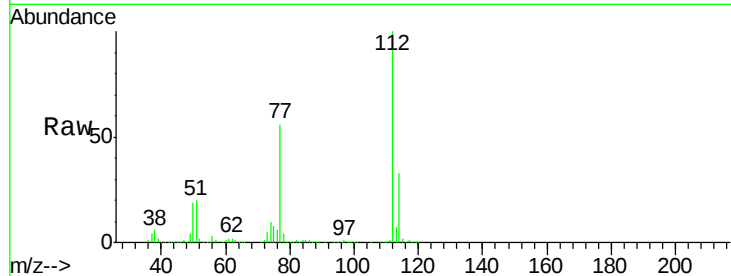
WP022RW350-180702

Tot Ion:112 Resp: 1135464

Ion Ratio Lower Upper

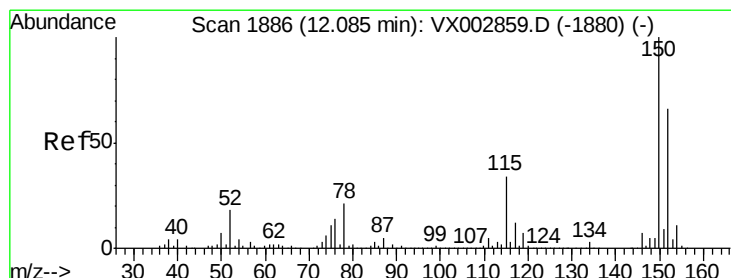
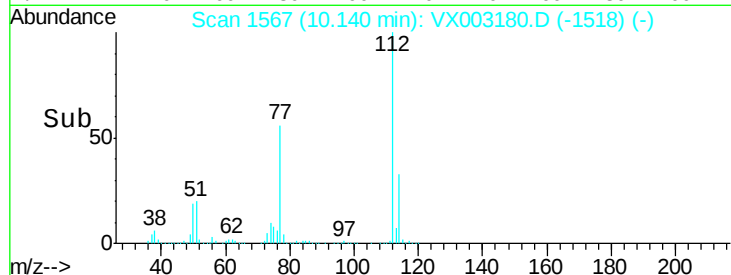
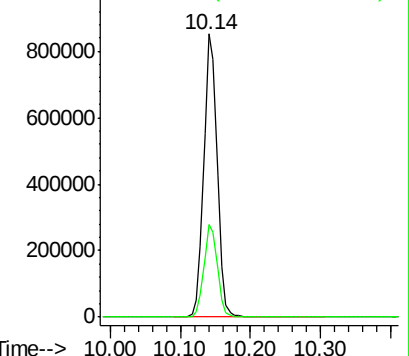
112 100

114 32.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

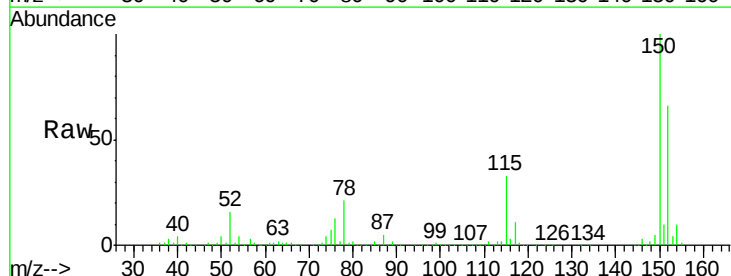
Tgt Ion:152 Resp: 204174

Ion Ratio Lower Upper

152 100

115 52.9 40.1 120.2

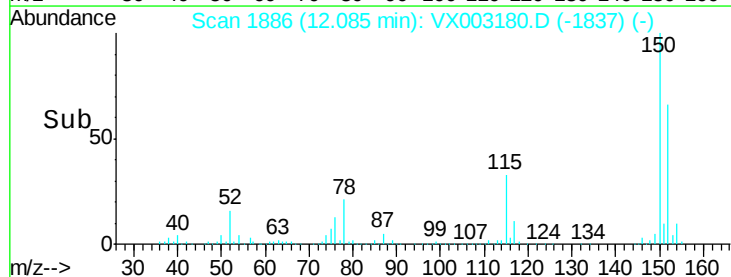
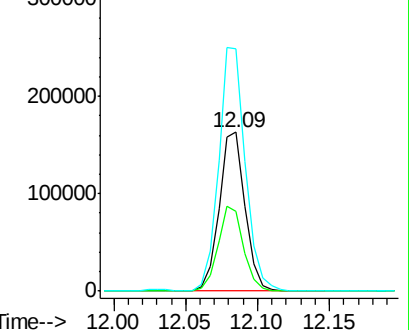
150 158.2 0.0 347.2

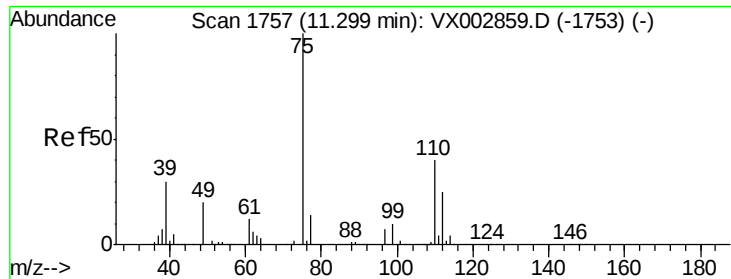


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

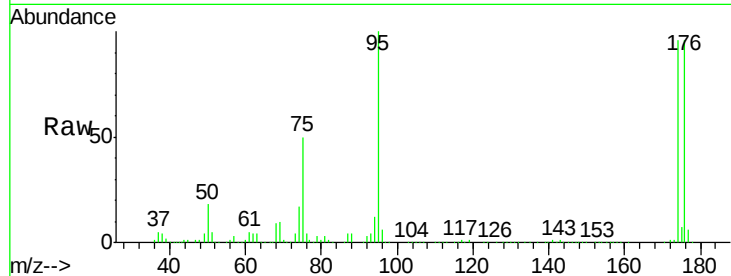
WP022RW350-180702

Tot Ion: 75 Resp: 96283

Ion Ratio Lower Upper

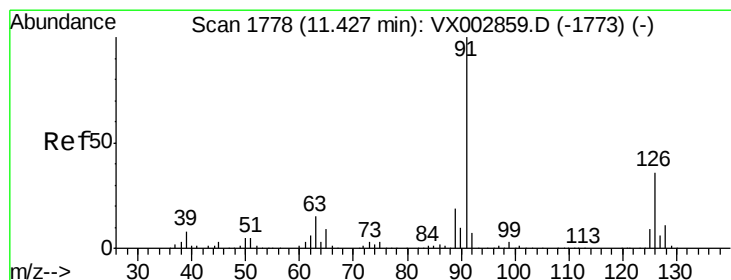
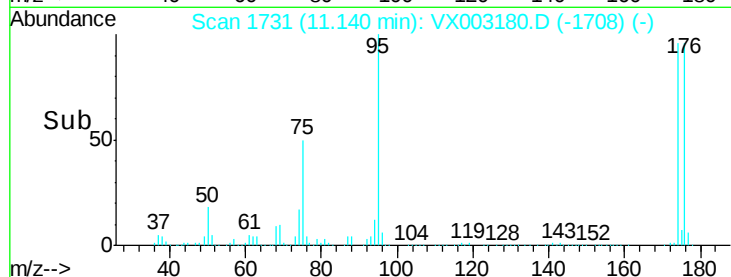
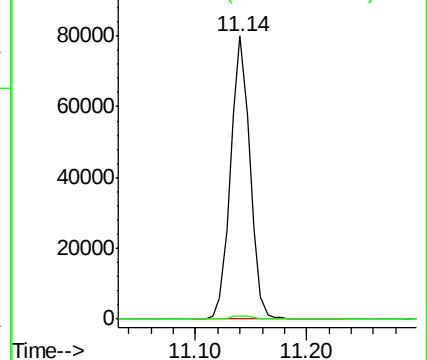
75 100

77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#79

2-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003180.D

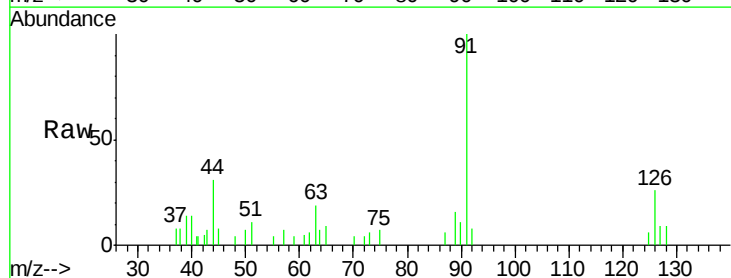
Acq: 05 Jul 2018 18:47

Tgt Ion: 91 Resp: 2176

Ion Ratio Lower Upper

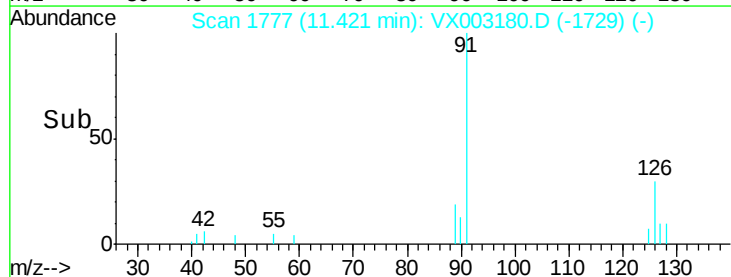
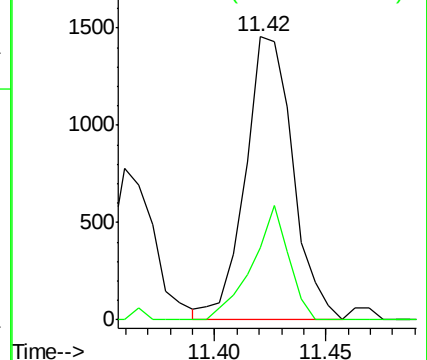
91 100

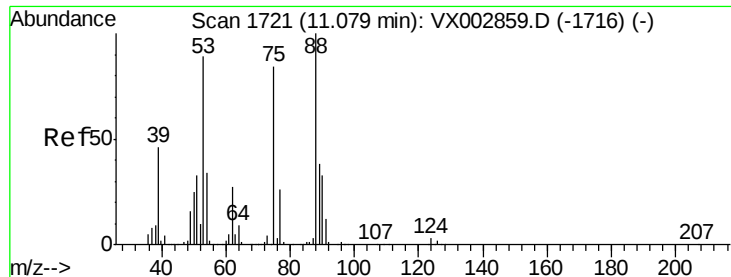
126 31.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

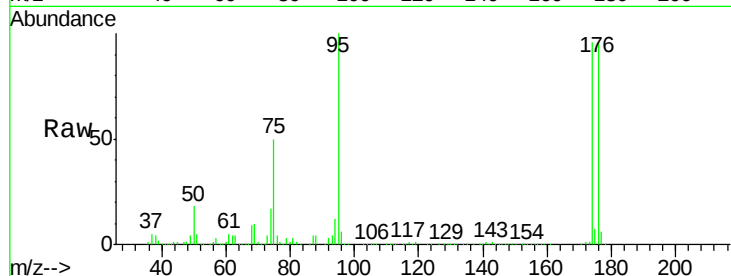
Tot Ion: 75 Resp: 96283

Ion Ratio Lower Upper

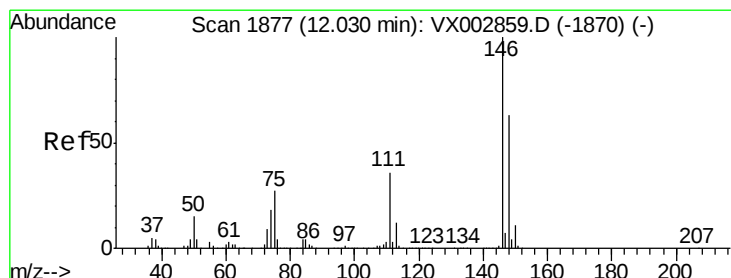
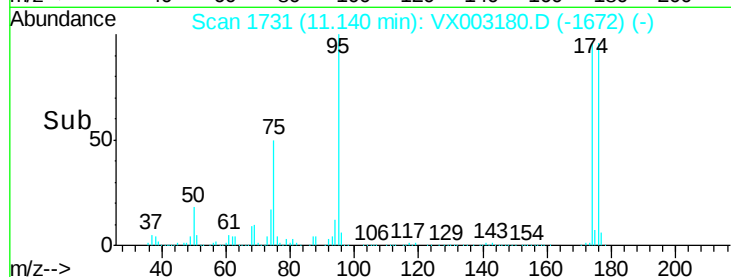
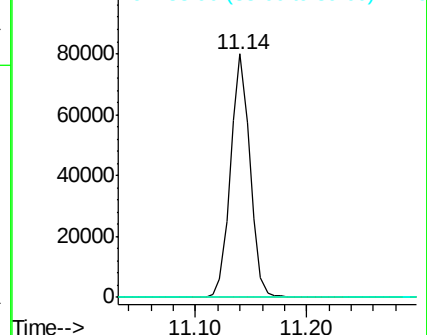
75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#



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



#87

1,3-Dichlorobenzene

Concen: 3.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

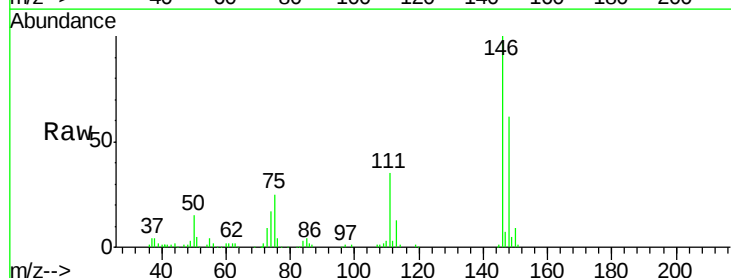
Tgt Ion: 146 Resp: 23375

Ion Ratio Lower Upper

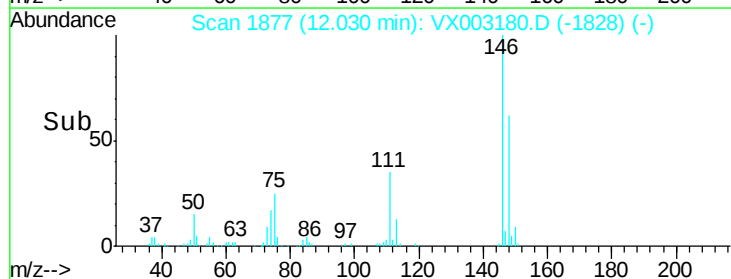
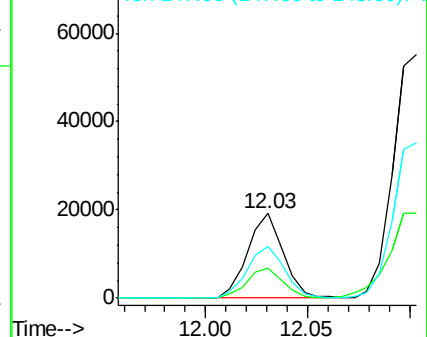
146 100

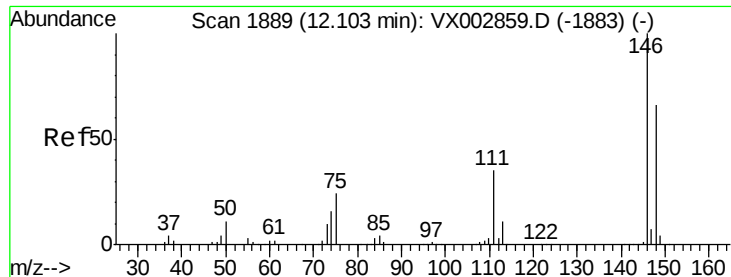
111 35.9 18.9 56.7

148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 9.38 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

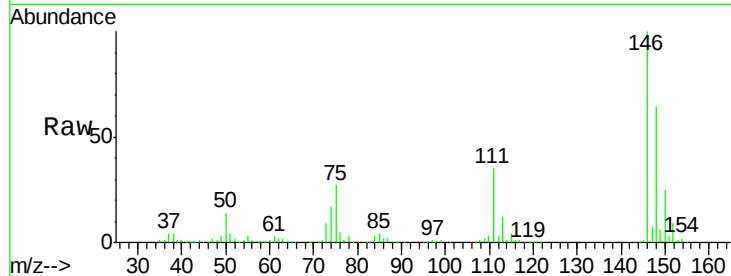
Tot Ion:146 Resp: 68986

Ion Ratio Lower Upper

146 100

111 38.5 18.7 56.1

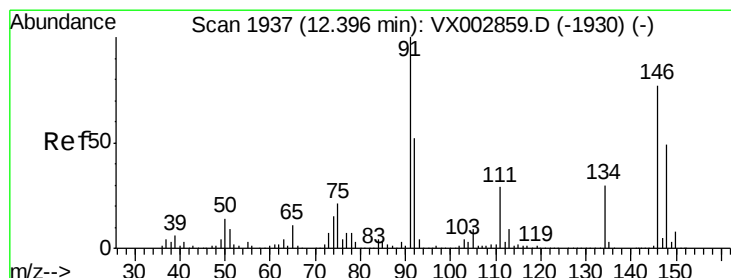
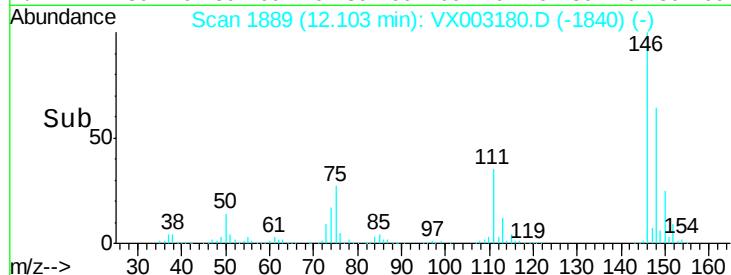
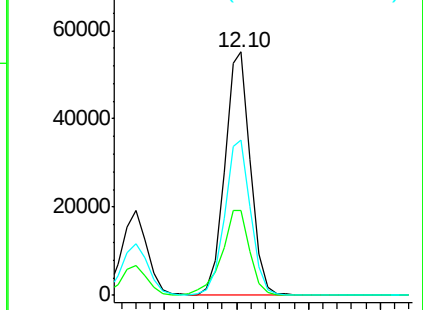
148 64.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 12.71 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003180.D

Acq: 05 Jul 2018 18:47

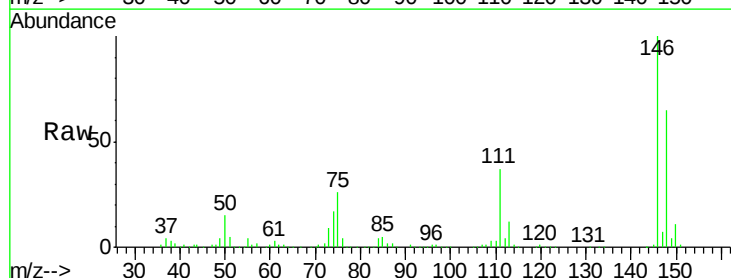
Tgt Ion:146 Resp: 91678

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

