

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003193.D
 Acq On : 06 Jul 2018 01:27
 Operator : JC/MD
 Sample : J3846-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702DL

Quant Time: Jul 06 03:28:49 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	293810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186073	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.51	113	155777	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	8.72	98	567169	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	199990	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

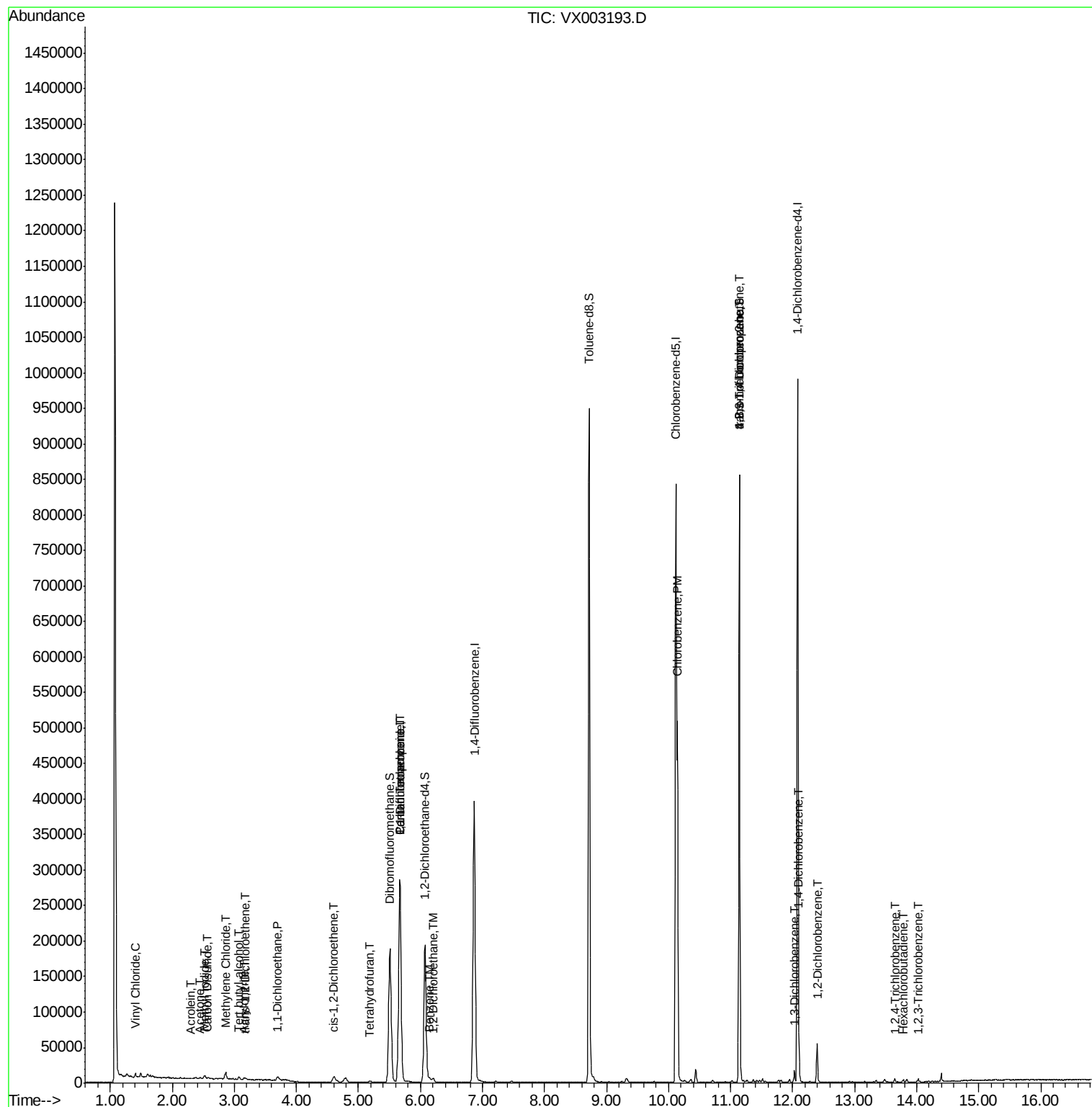
						Qvalue
2) Dichlorodifluoromethane	1.20	85	409	Below Cal		98
3) Chloromethane	1.32	50	950	Below Cal		90
4) Vinyl Chloride	1.40	62	2865	0.86 ug/l	#	78
5) Bromomethane	1.65	94	1971	Below Cal		87
6) Chloroethane	1.73	64	344	Below Cal	#	53
10) Methyl Iodide	2.52	142	4706	7.48 ug/l		98
11) Tert butyl alcohol	3.07	59	4832	5.97 ug/l	#	88
13) Acrolein	2.30	56	373	5.05 ug/l		83
15) Acrylonitrile	3.15	53	848	0.49 ug/l		94
16) Acetone	2.45	43	1650	0.98 ug/l	#	89
17) Carbon Disulfide	2.57	76	2717	0.35 ug/l		99
20) Methylene Chloride	2.86	84	4775	1.46 ug/l		90
21) trans-1,2-Dichloroethene	3.17	96	665	0.21 ug/l		93
24) 1,1-Dichloroethane	3.70	63	4338	0.73 ug/l		95
27) cis-1,2-Dichloroethene	4.60	96	3759	1.06 ug/l		11
29) Tetrahydrofuran	5.18	42	1493	0.93 ug/l	#	71
36) 1,1-Dichloropropene	5.67	75	18664	4.21 ug/l	#	51
38) Carbon Tetrachloride	5.67	117	25681	5.28 ug/l	#	17
40) Benzene	6.15	78	5885	0.46 ug/l		98
42) 1,2-Dichloroethane	6.21	62	6325	1.21 ug/l		95
65) Chlorobenzene	10.14	112	209277	21.72 ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	100623	26.14 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100623	74.11 ug/l	#	6
87) 1,3-Dichlorobenzene	12.03	146	5259	0.71 ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	13437	1.76 ug/l		85
91) 1,2-Dichlorobenzene	12.40	146	16746	2.23 ug/l		97
93) 1,2,4-Trichlorobenzene	13.65	180	1409	0.26 ug/l		96
94) Hexachlorobutadiene	13.79	225	584	0.21 ug/l		91
96) 1,2,3-Trichlorobenzene	14.02	180	1158	0.21 ug/l		95

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

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QLast Update : Mon Jun 25 14:38:05 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

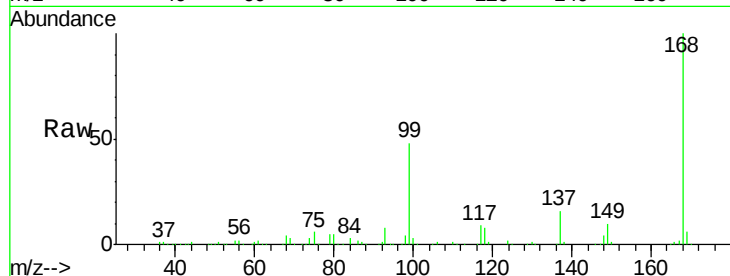
WP022RW350-180702DL

Tot Ion:168 Resp: 293810

Ion Ratio Lower Upper

168 100

99 48.2 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

120000

100000

80000

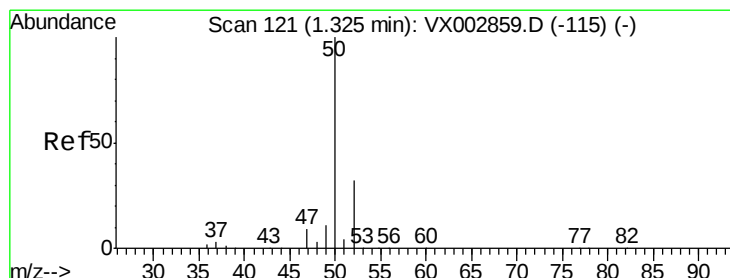
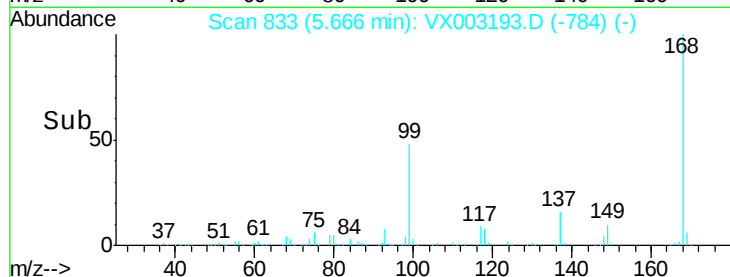
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003193.D

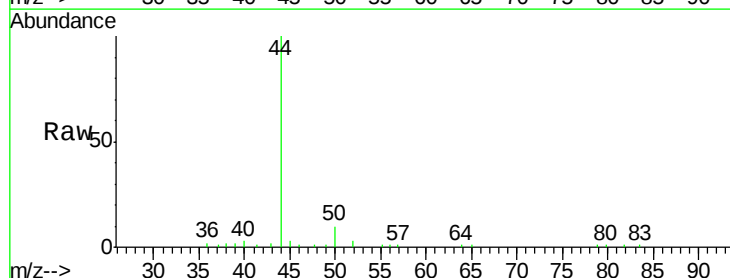
Acq: 06 Jul 2018 01:27

Tgt Ion: 50 Resp: 950

Ion Ratio Lower Upper

50 100

52 26.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

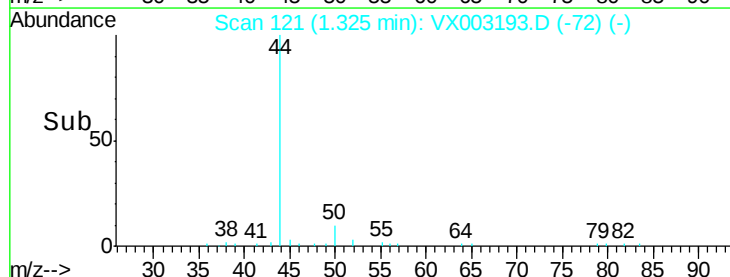
600

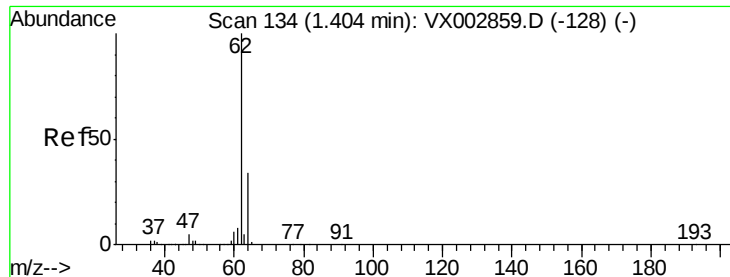
400

200

0

Time--> 1.25 1.30 1.35





#4

Vinyl Chloride

Concen: 0.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

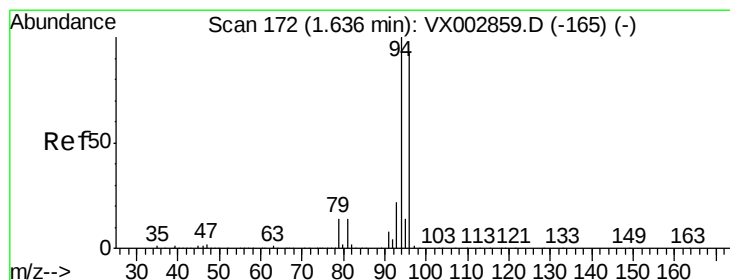
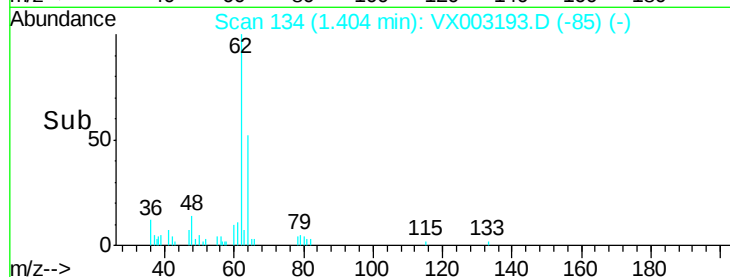
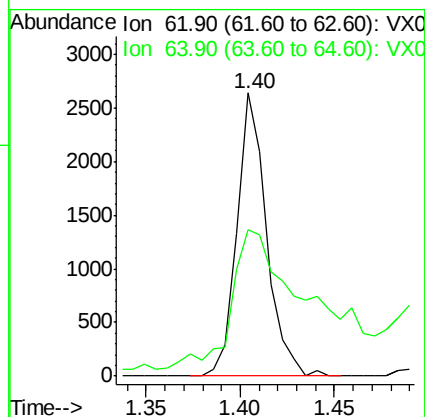
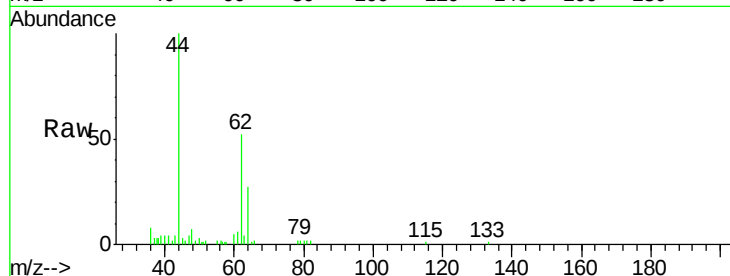
WP022RW350-180702DL

Tot Ion: 62 Resp: 2865

Ion Ratio Lower Upper

62 100

64 44.0 25.4 38.2#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003193.D

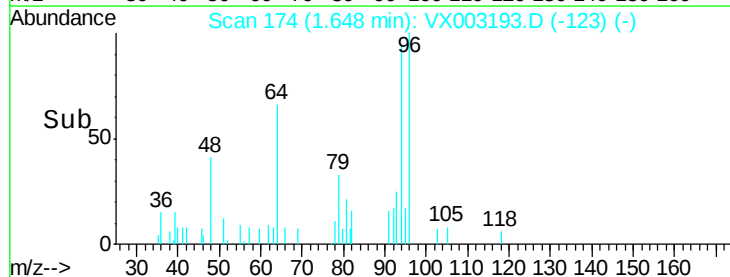
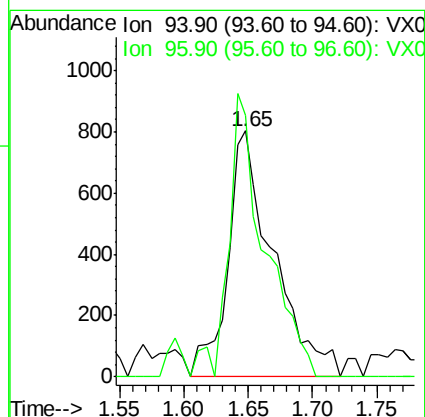
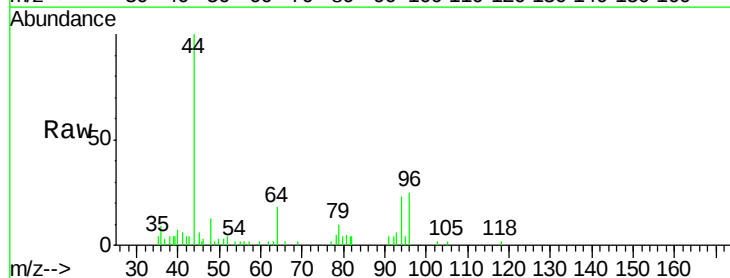
Acq: 06 Jul 2018 01:27

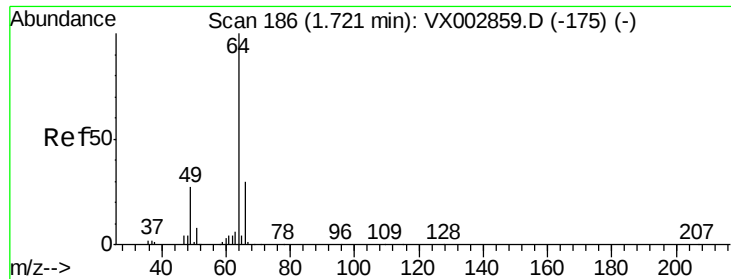
Tgt Ion: 94 Resp: 1971

Ion Ratio Lower Upper

94 100

96 106.5 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

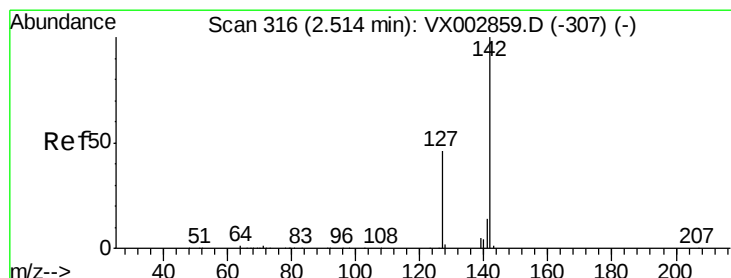
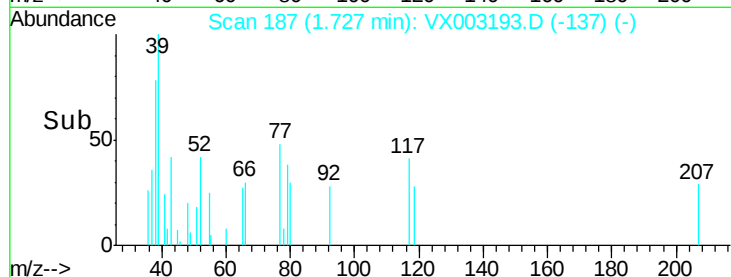
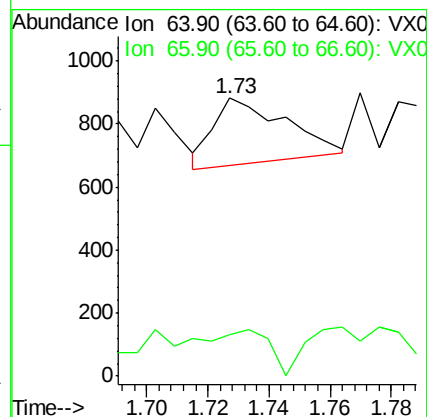
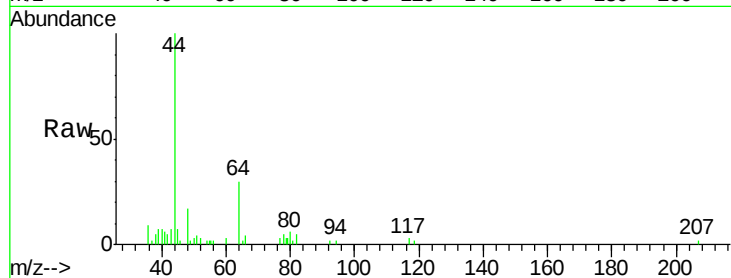
WP022RW350-180702DL

Tot Ion: 64 Resp: 344

Ion Ratio Lower Upper

64 100

66 5.8 25.5 38.3#



#10

Methyl Iodide

Concen: 7.48 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

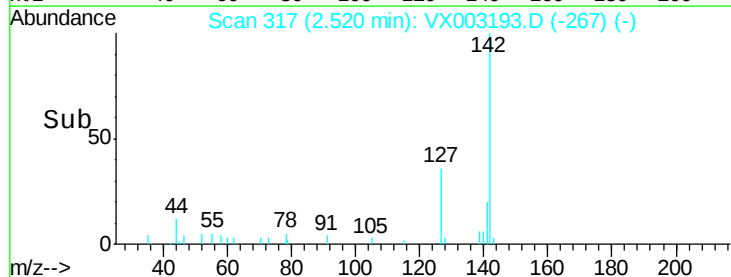
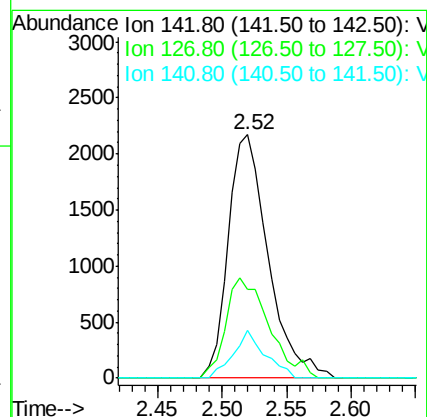
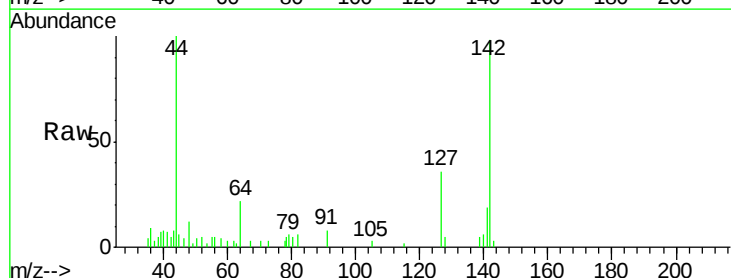
Tgt Ion: 142 Resp: 4706

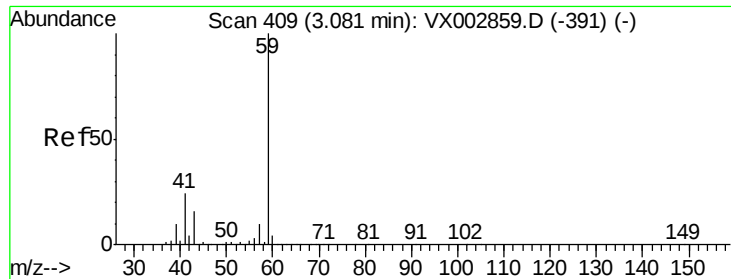
Ion Ratio Lower Upper

142 100

127 44.5 36.6 55.0

141 15.6 11.3 16.9



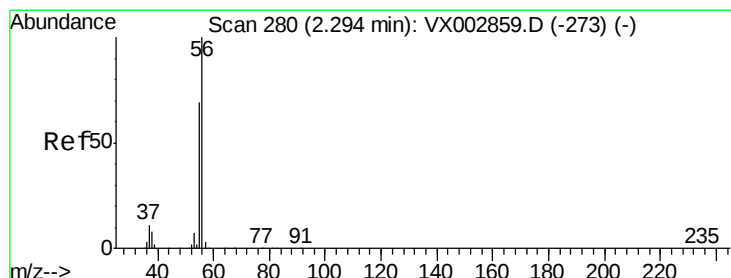
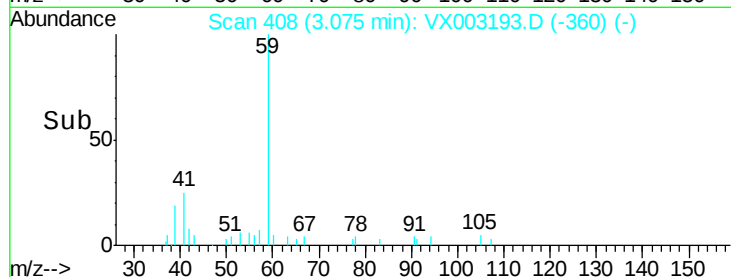
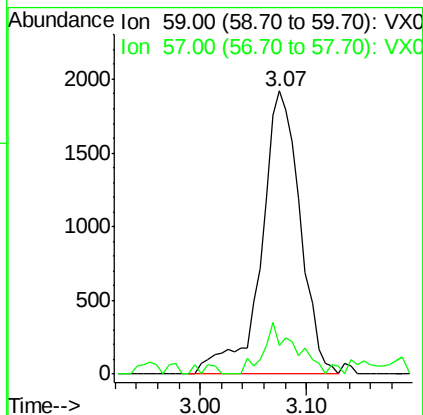
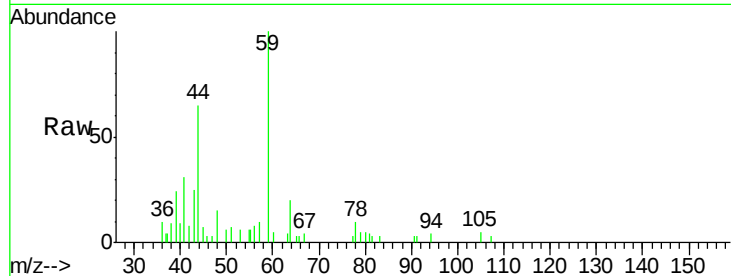


#11

Tert butyl alcohol
 Concen: 5.97 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003193.D
 Acq: 06 Jul 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702DL

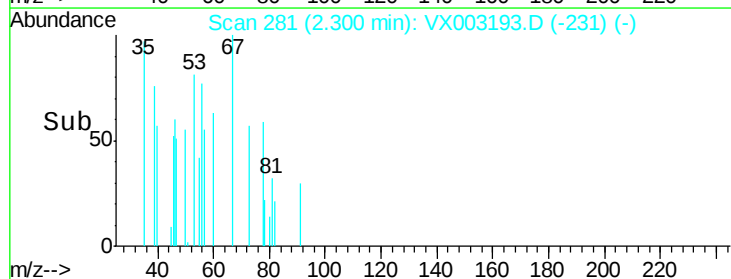
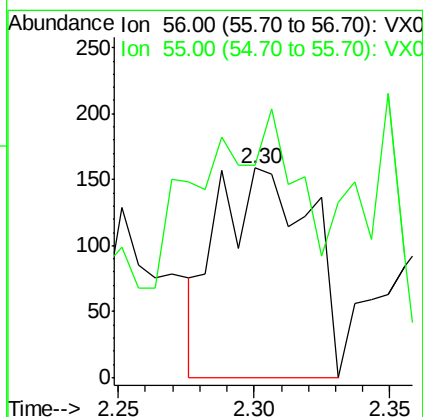
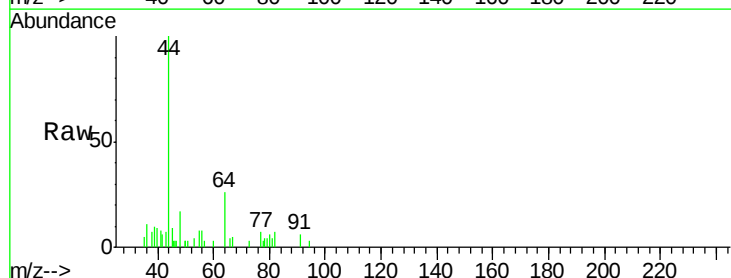
Tot Ion: 59 Resp: 4832
 Ion Ratio Lower Upper
 59 100
 57 14.6 8.2 12.2#

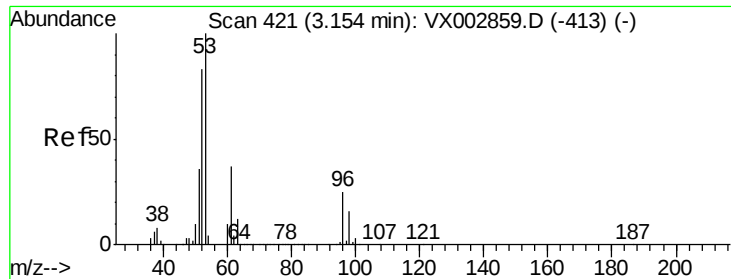


#13

Acrolein
 Concen: 5.05 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX003193.D
 Acq: 06 Jul 2018 01:27

Tgt Ion: 56 Resp: 373
 Ion Ratio Lower Upper
 56 100
 55 85.3 57.0 85.4





#15

Acrylonitrile

Concen: 0.49 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702DL

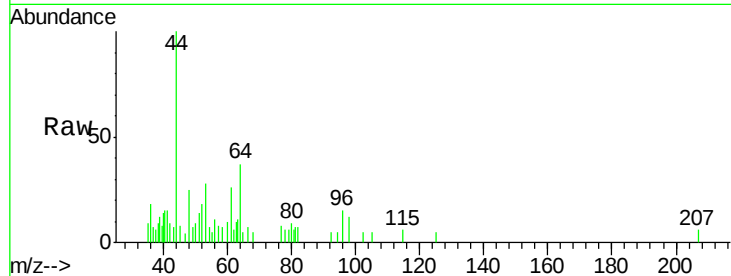
Tot Ion: 53 Resp: 848

Ion Ratio Lower Upper

53 100

52 90.0 66.7 100.1

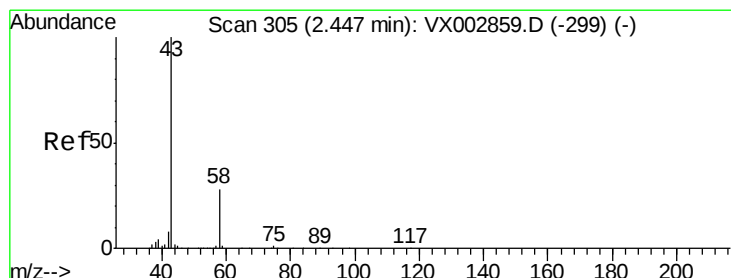
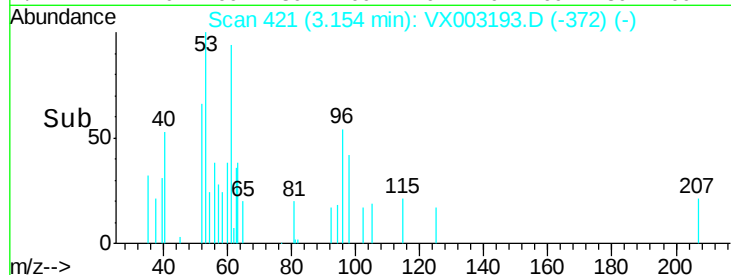
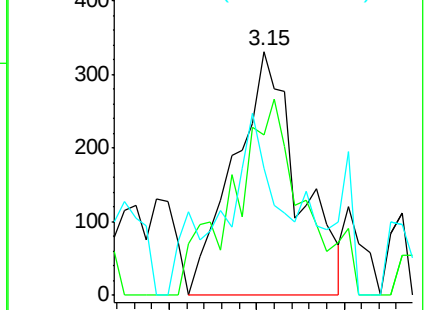
51 38.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.98 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003193.D

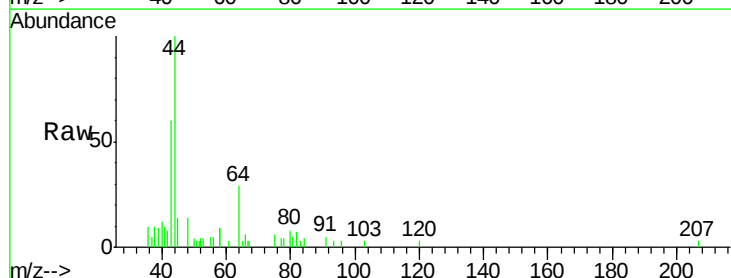
Acq: 06 Jul 2018 01:27

Tgt Ion: 43 Resp: 1650

Ion Ratio Lower Upper

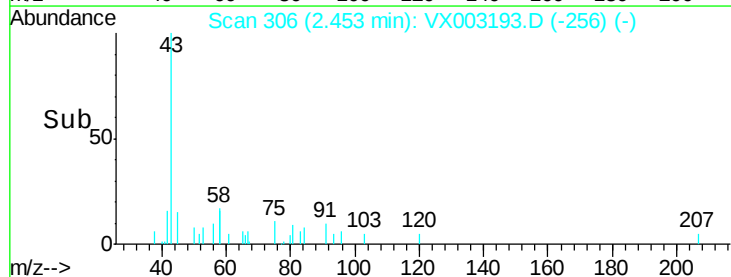
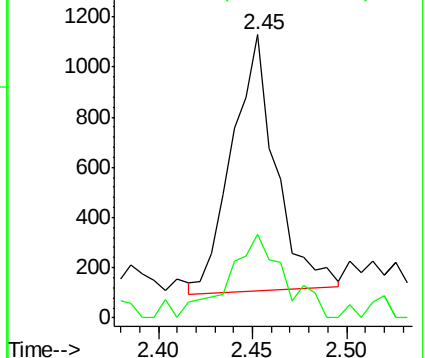
43 100

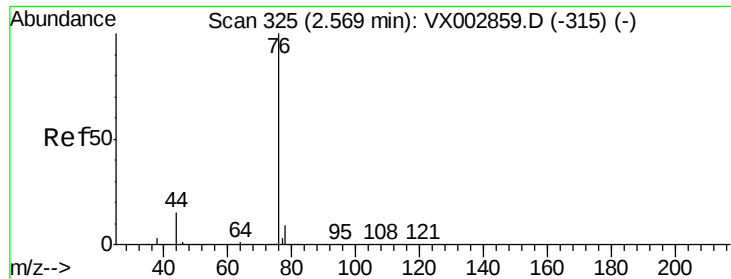
58 33.5 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

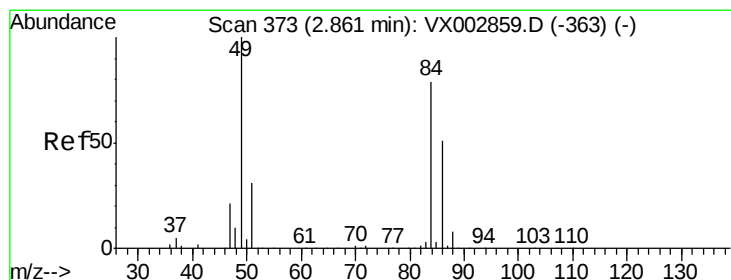
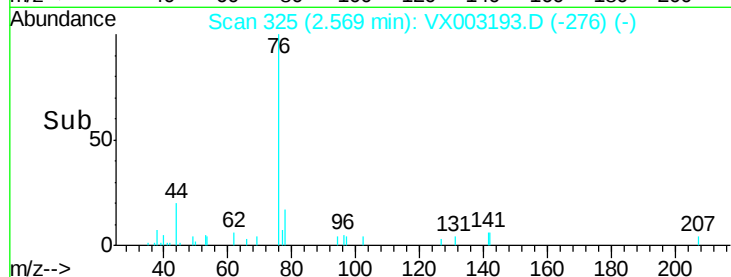
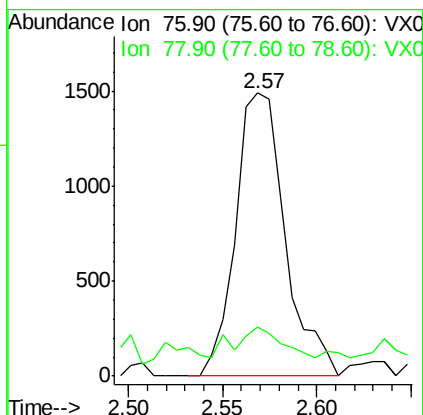
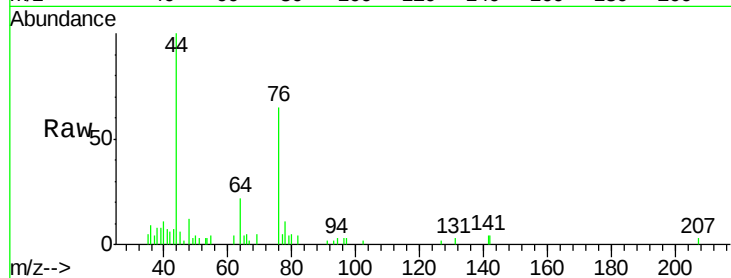




#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003193.D
Acq: 06 Jul 2018 01:27

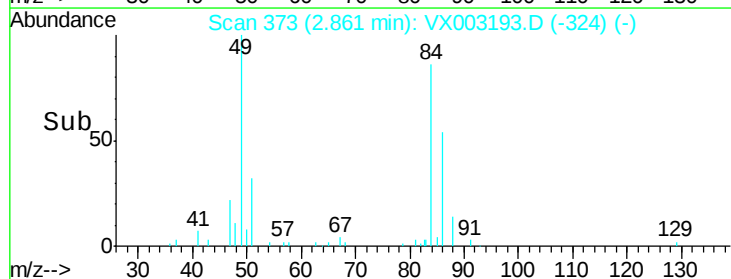
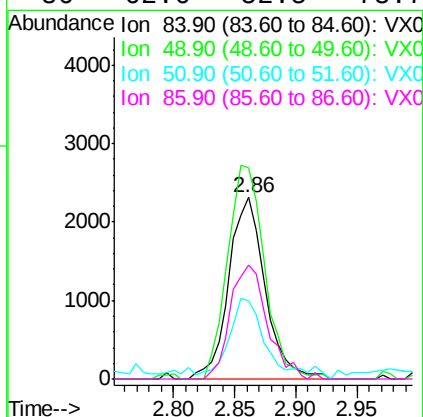
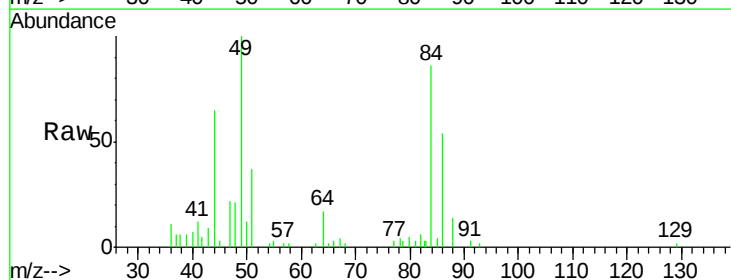
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WP022RW350-180702DL

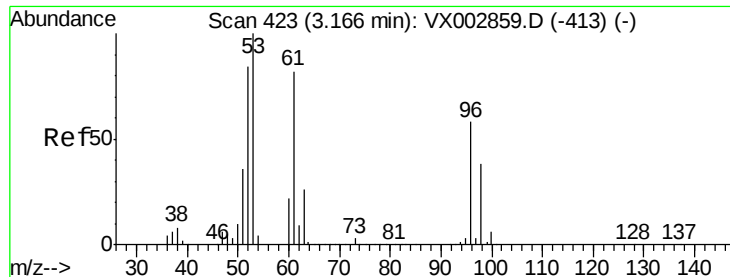
Tot Ion: 76 Resp: 2717
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#20
Methylene Chloride
Concen: 1.46 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003193.D
Acq: 06 Jul 2018 01:27

Tgt Ion: 84 Resp: 4775
Ion Ratio Lower Upper
84 100
49 116.5 107.8 161.6
51 38.2 32.8 49.2
86 62.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702DL

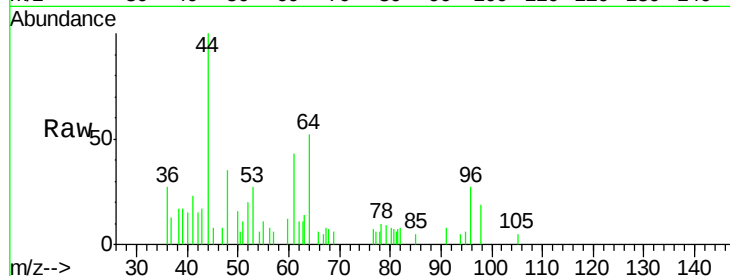
Tot Ion: 96 Resp: 665

Ion Ratio Lower Upper

96 100

61 136.3 117.0 175.4

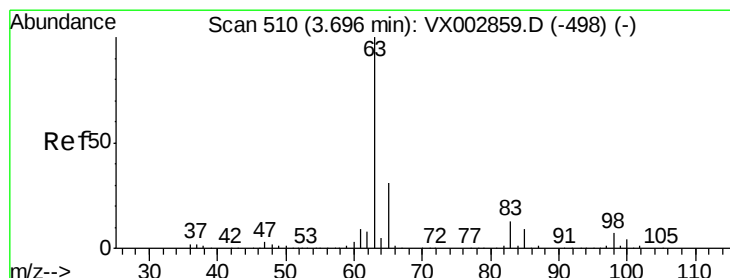
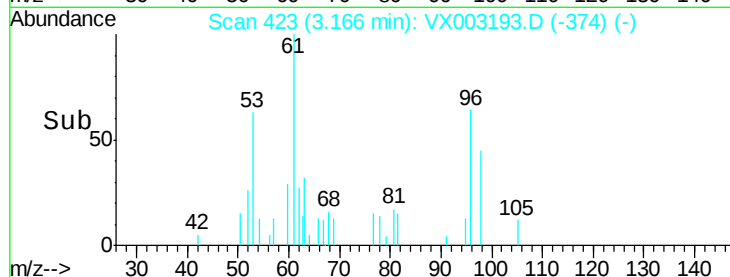
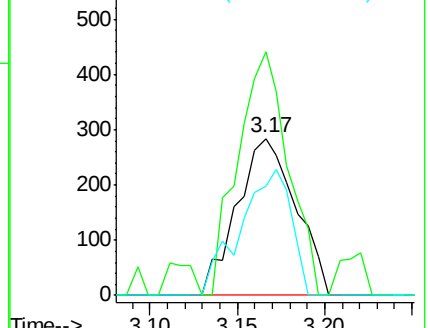
98 69.4 52.4 78.6



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: 0.73 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

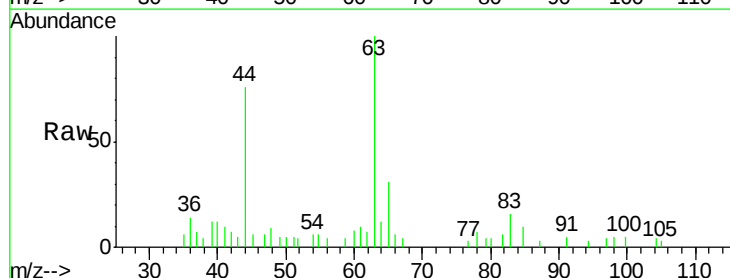
Tgt Ion: 63 Resp: 4338

Ion Ratio Lower Upper

63 100

98 4.8 3.4 10.2

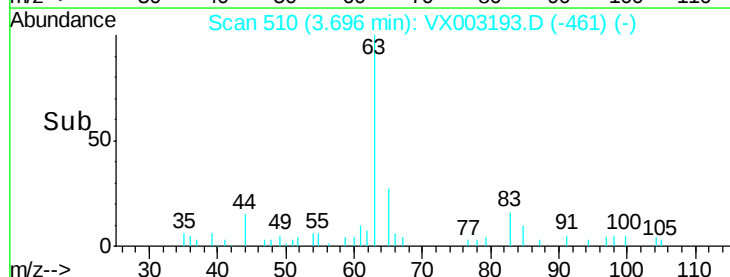
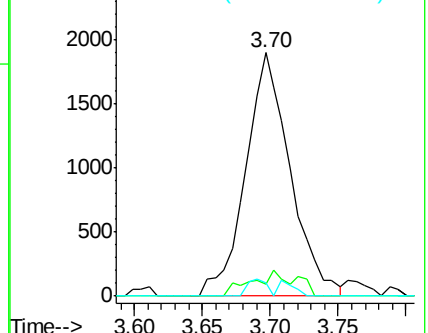
100 5.2 2.0 6.0

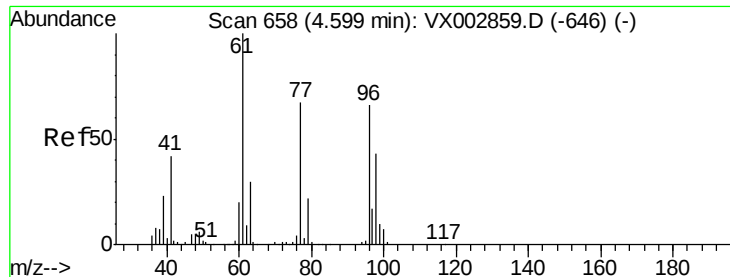


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.06 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702DL

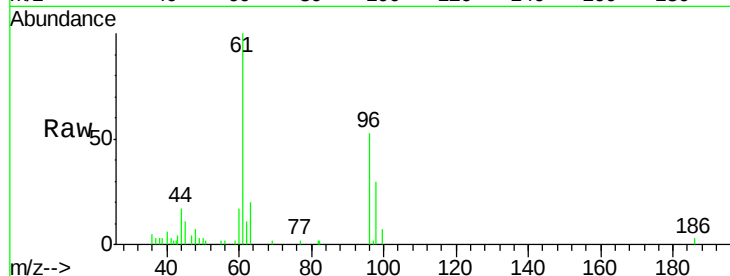
Tot Ion: 96 Resp: 3759

Ion Ratio Lower Upper

96 100

61 330.1 0.0 330.2

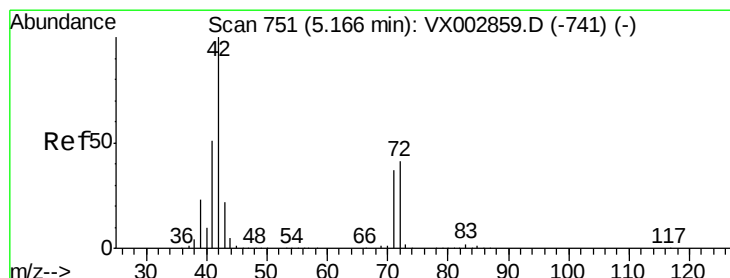
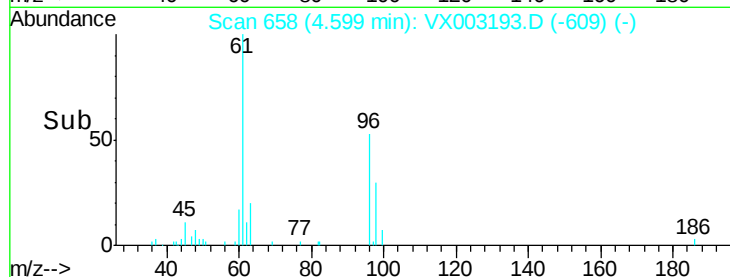
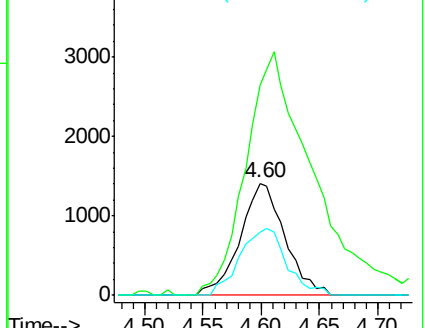
98 62.5 0.0 130.2



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



#29

Tetrahydrofuran

Concen: 0.93 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

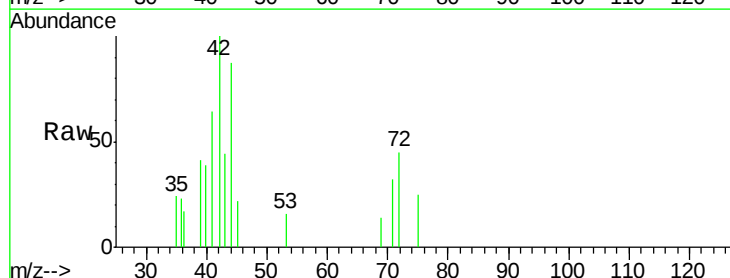
Tgt Ion: 42 Resp: 1493

Ion Ratio Lower Upper

42 100

72 30.5 32.0 48.0#

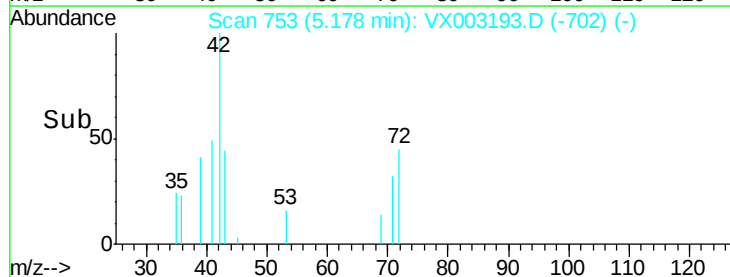
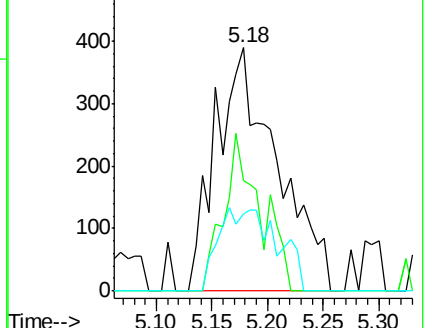
71 11.6 30.1 45.1#

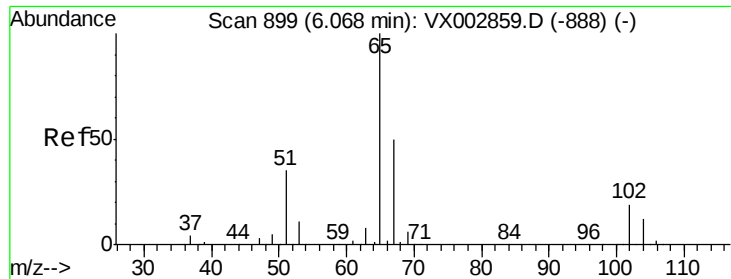


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.82 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

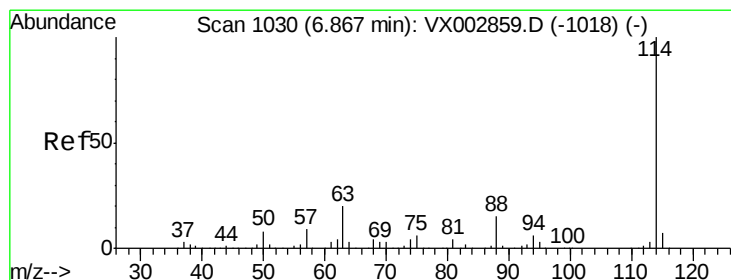
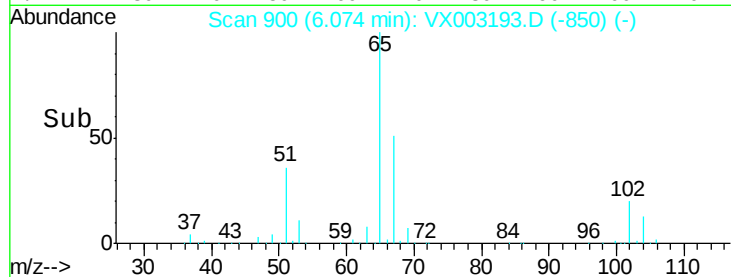
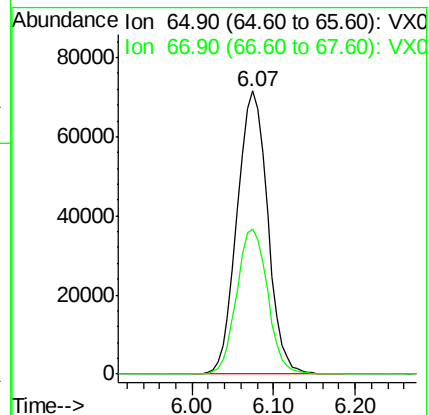
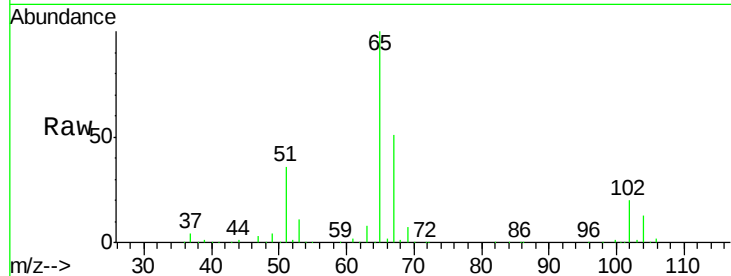
WP022RW350-180702DL

Tot Ion: 65 Resp: 186073

Ion Ratio Lower Upper

65 100

67 51.9 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: VX003193.D

Acq: 06 Jul 2018 01:27

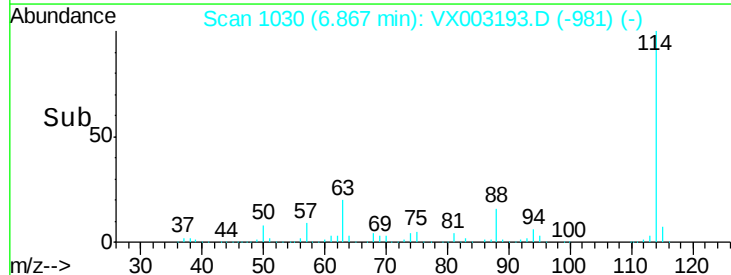
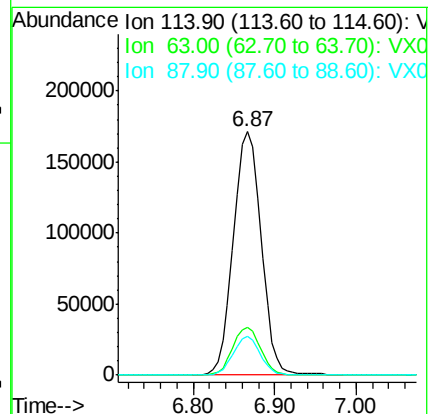
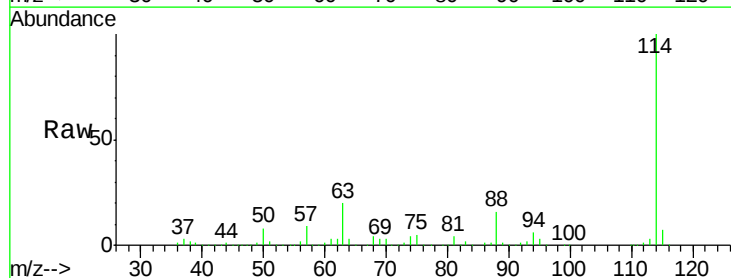
Tgt Ion: 114 Resp: 404494

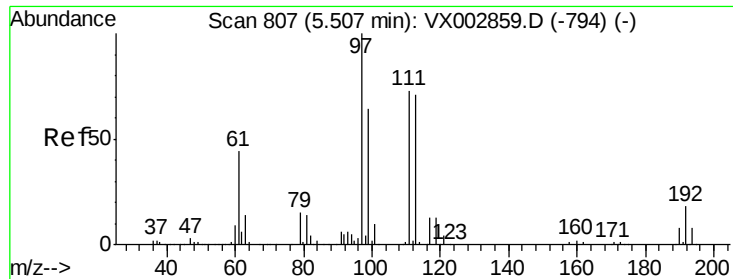
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

88 15.7 0.0 30.0

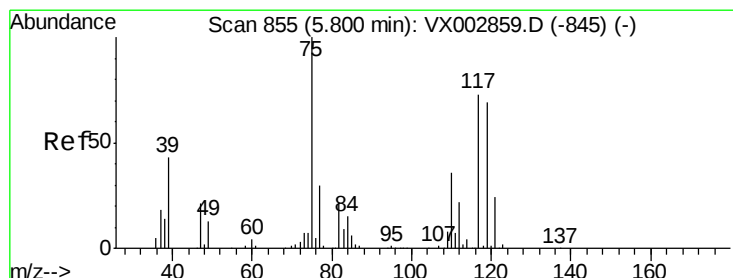
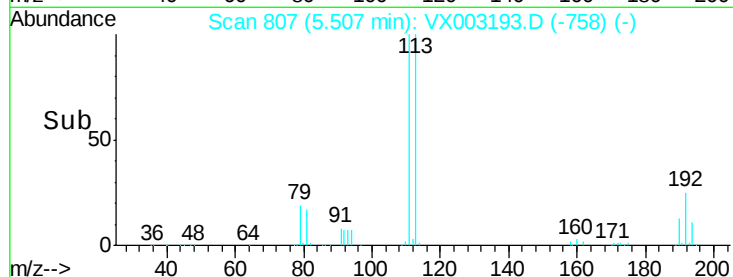
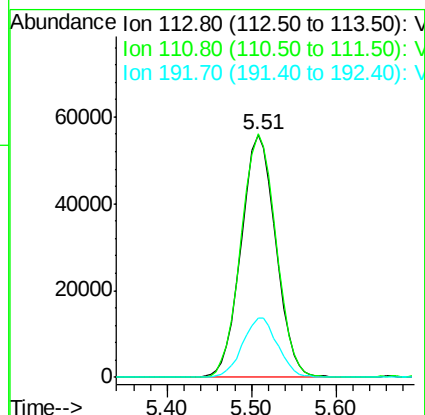
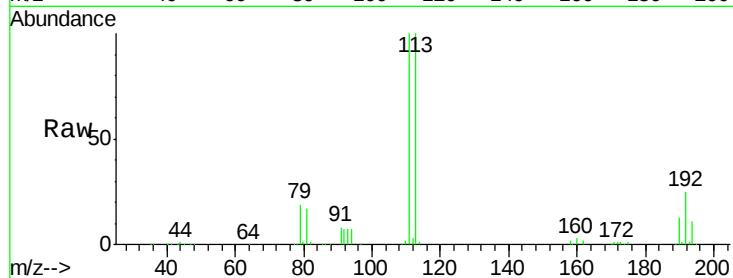




#35
 Dibromofluoromethane
 Concen: 48.63 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003193.D
 Acq: 06 Jul 2018 01:27

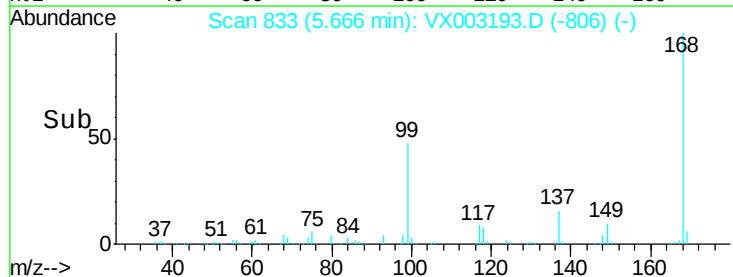
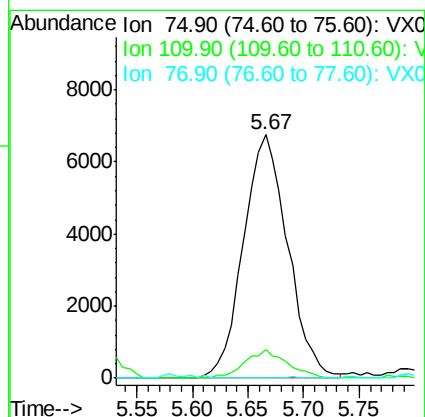
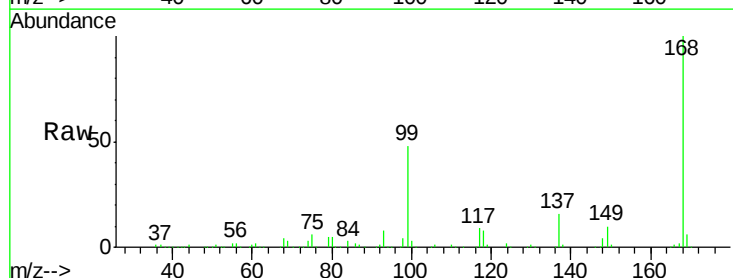
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702DL

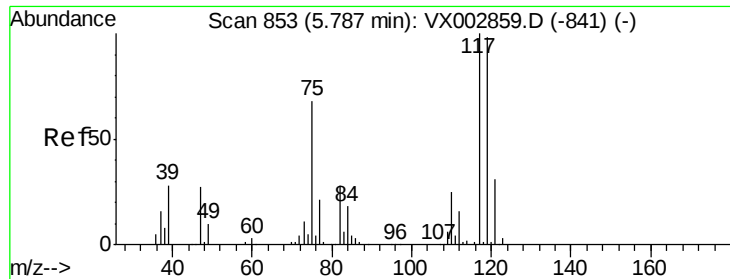
Tot Ion:113 Resp: 155777
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 24.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.21 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003193.D
 Acq: 06 Jul 2018 01:27

Tgt Ion: 75 Resp: 18664
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.1 54.4#
 77 0.0 24.3 36.5#

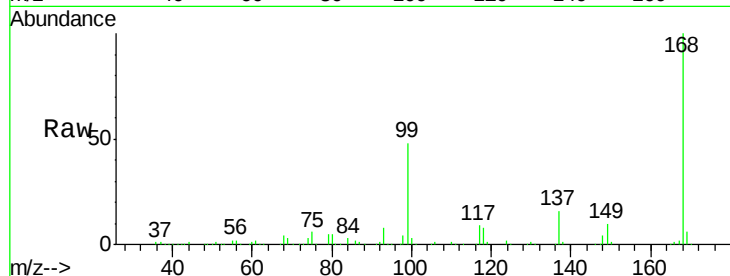




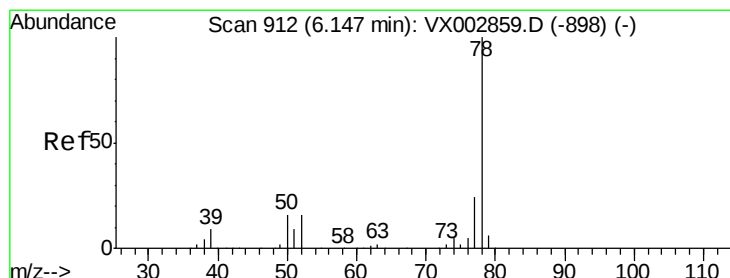
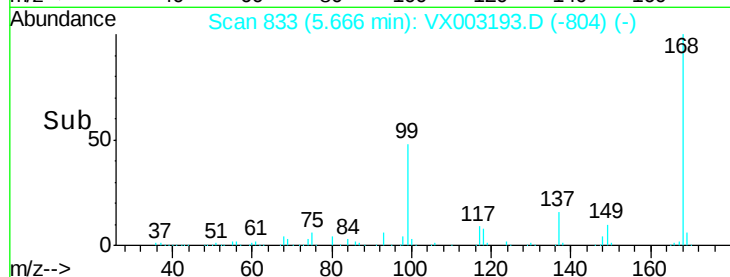
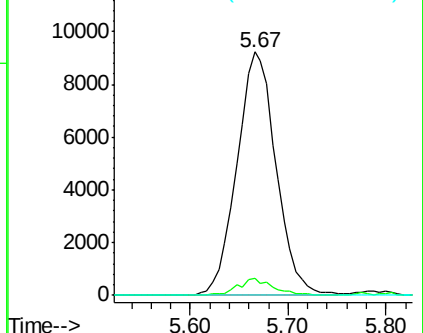
#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003193.D
Acq: 06 Jul 2018 01:27

Instrument :
MSVOA_X
ClientSampleId :
WP022RW350-180702DL

Tot Ion:117 Resp: 25681
Ion Ratio Lower Upper
117 100
119 7.1 77.4 116.0#
121 0.0 24.4 36.6#

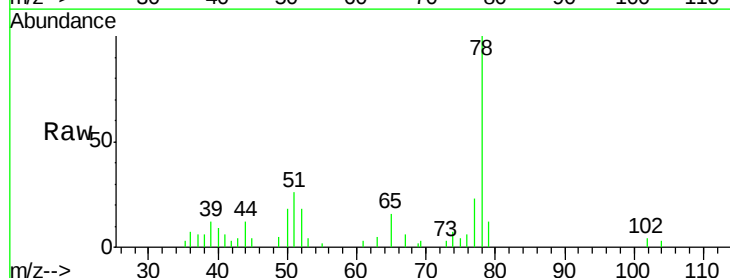


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

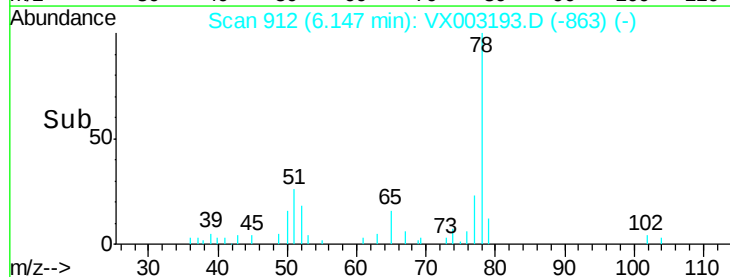
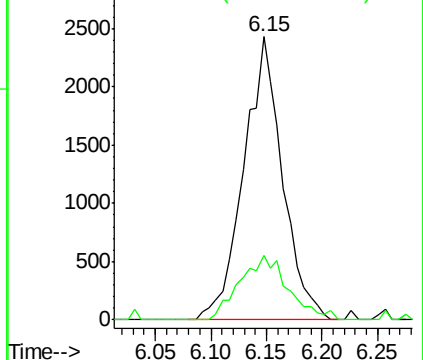


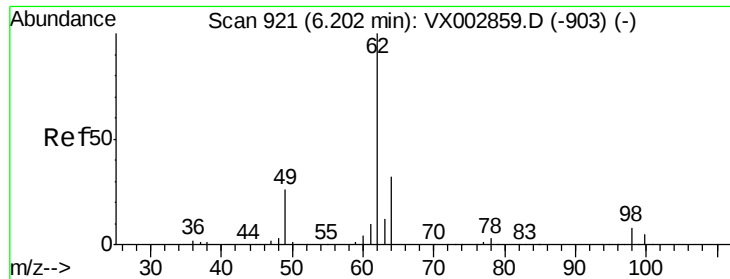
#40
Benzene
Concen: 0.46 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003193.D
Acq: 06 Jul 2018 01:27

Tgt Ion: 78 Resp: 5885
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 1.21 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

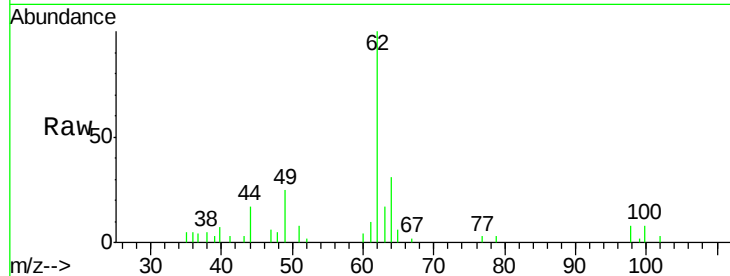
WP022RW350-180702DL

Tot Ion: 62 Resp: 6325

Ion Ratio Lower Upper

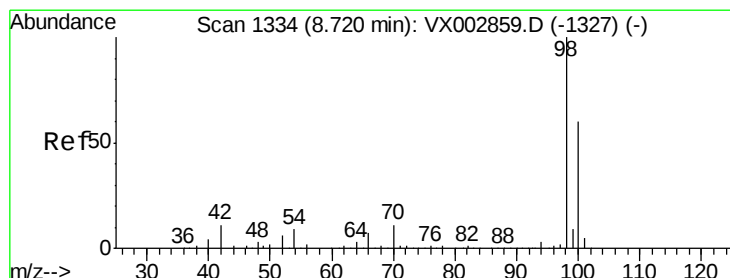
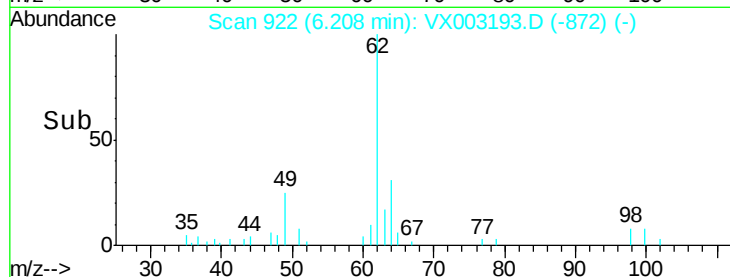
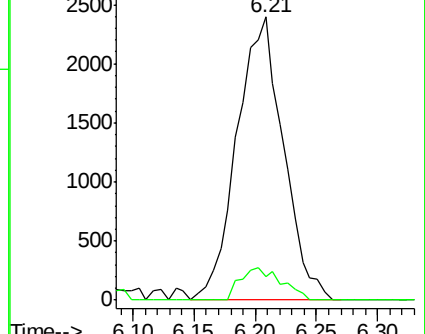
62 100

98 10.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#50

Toluene-d8

Concen: 48.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003193.D

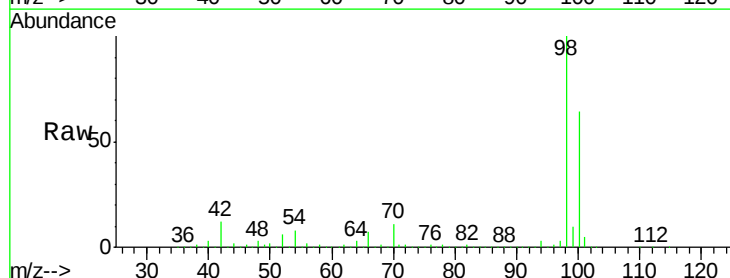
Acq: 06 Jul 2018 01:27

Tgt Ion: 98 Resp: 567169

Ion Ratio Lower Upper

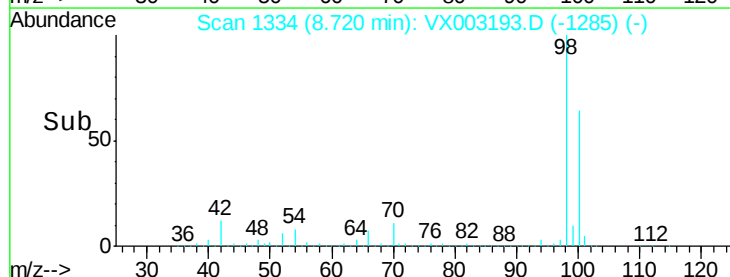
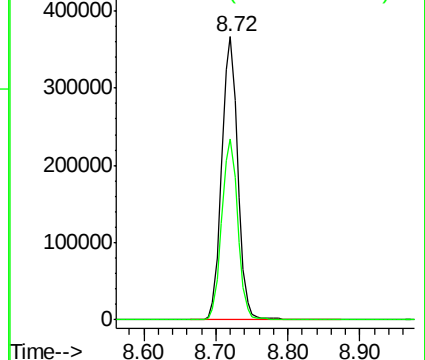
98 100

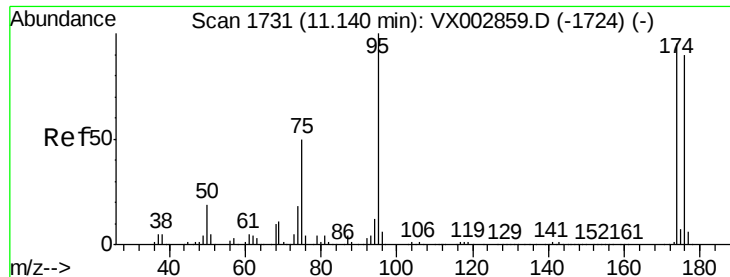
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

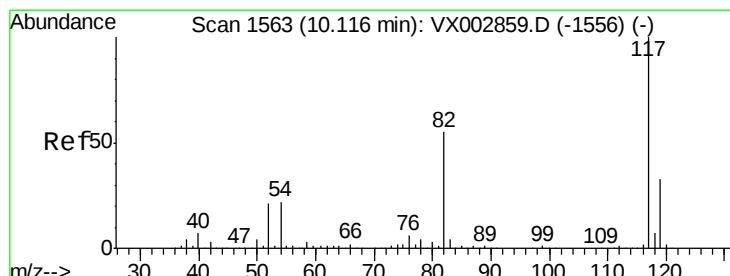
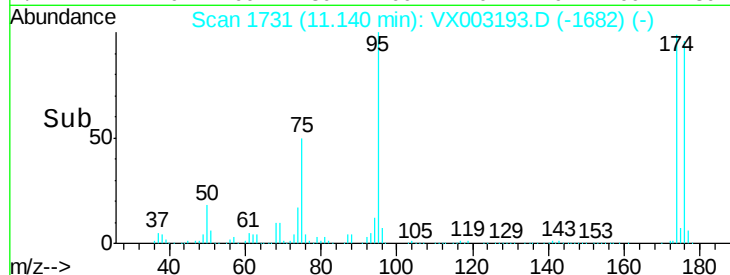
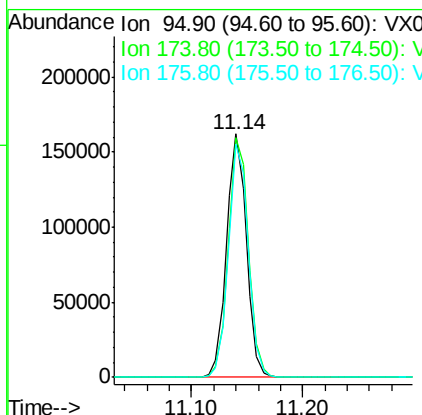
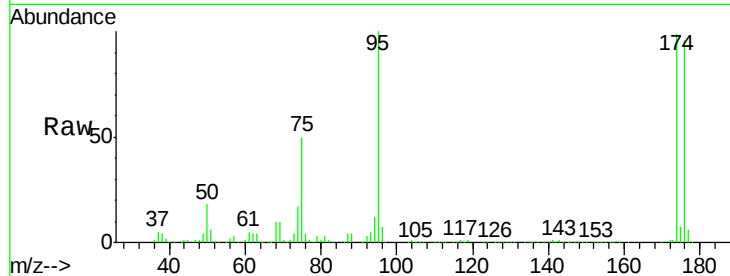




#62
4-Bromofluorobenzene
Concen: 44.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003193.D
Acq: 06 Jul 2018 01:27

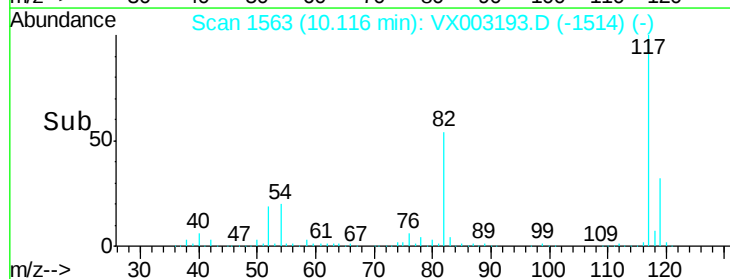
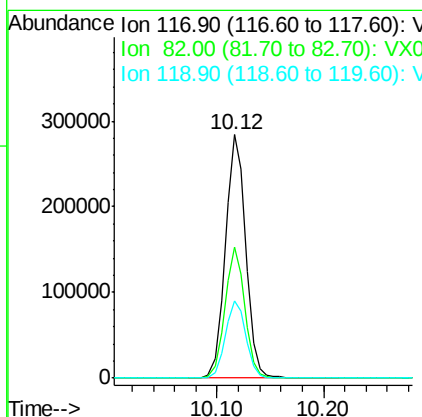
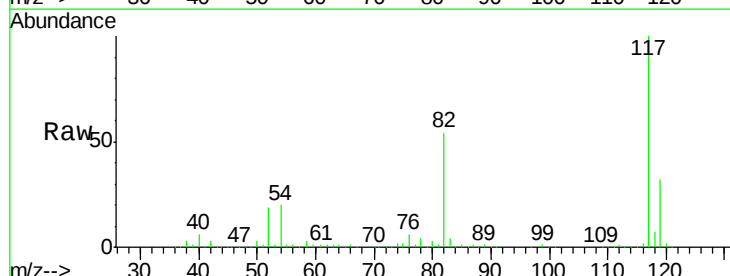
Instrument :
MSVOA_X
ClientSampleId :
WP022RW350-180702DL

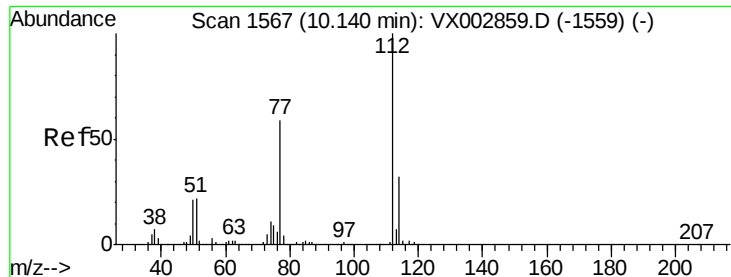
Tot Ion: 95 Resp: 199990
Ion Ratio Lower Upper
95 100
174 100.1 0.0 187.4
176 96.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003193.D
Acq: 06 Jul 2018 01:27

Tgt Ion: 117 Resp: 379343
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.8 25.8 38.6





#65

Chlorobenzene

Concen: 21.72 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

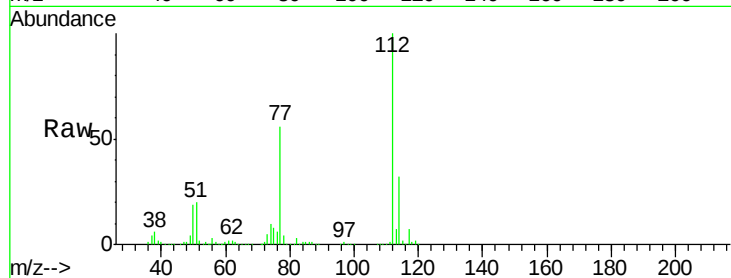
WP022RW350-180702DL

Tot Ion:112 Resp: 209277

Ion Ratio Lower Upper

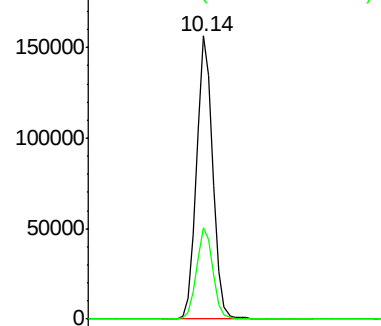
112 100

114 32.5 25.3 37.9

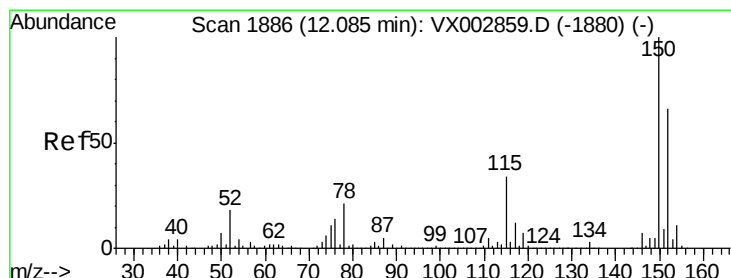
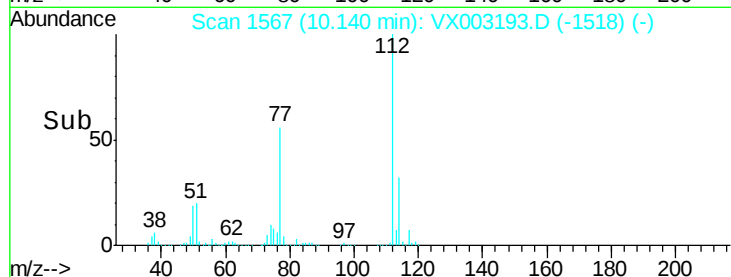


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

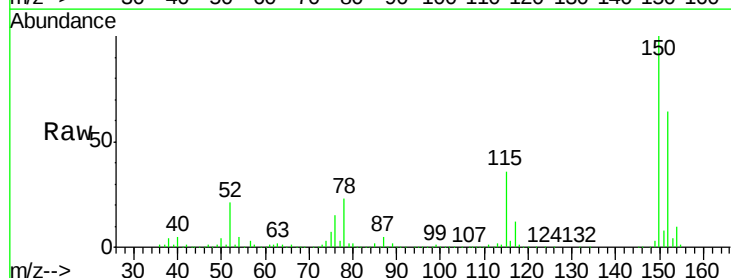
Tgt Ion:152 Resp: 212512

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

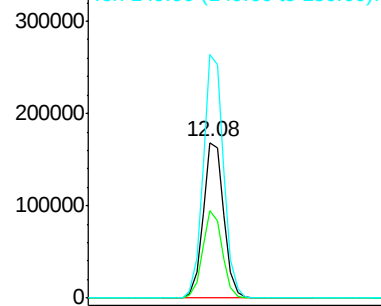
150 156.0 0.0 347.2



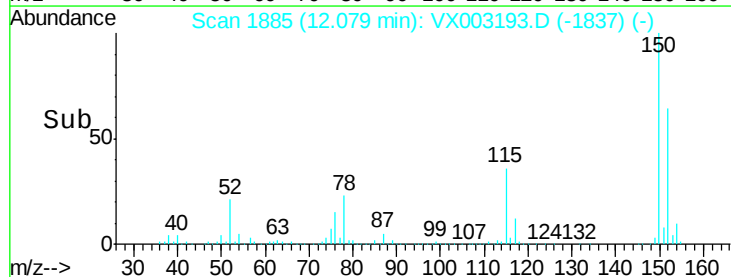
Abundance Ion 151.90 (151.60 to 152.60): V

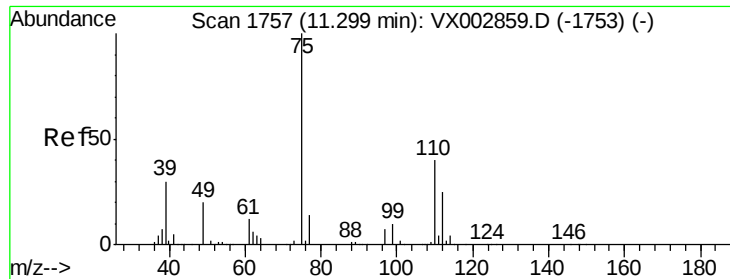
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#76

1,2,3-Trichloropropane

Concen: 26.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

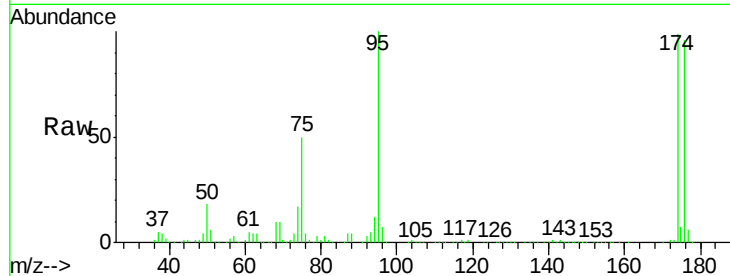
WP022RW350-180702DL

Tot Ion: 75 Resp: 100623

Ion Ratio Lower Upper

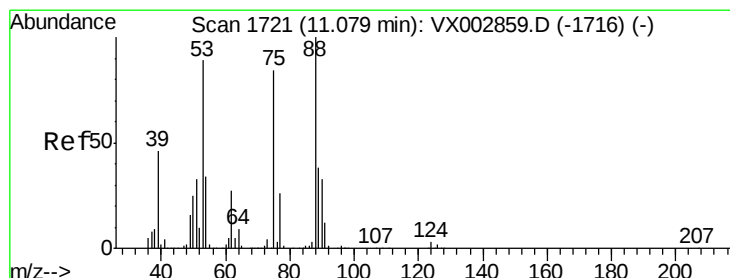
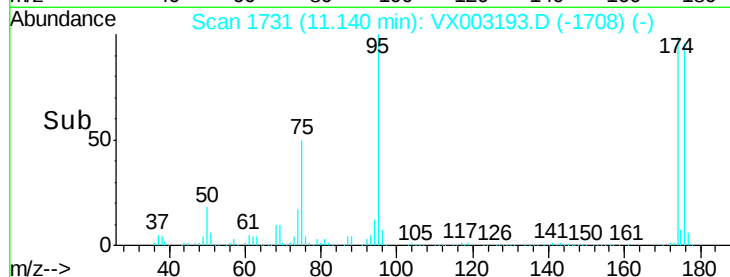
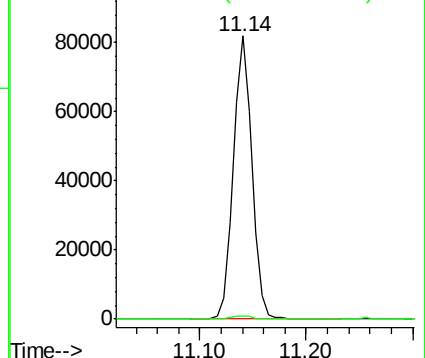
75 100

77 1.4 22.8 68.3#



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: 74.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

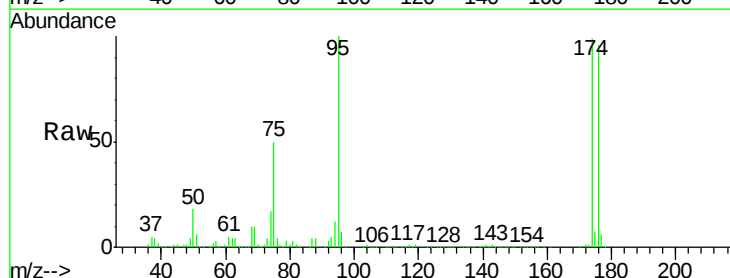
Tgt Ion: 75 Resp: 100623

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

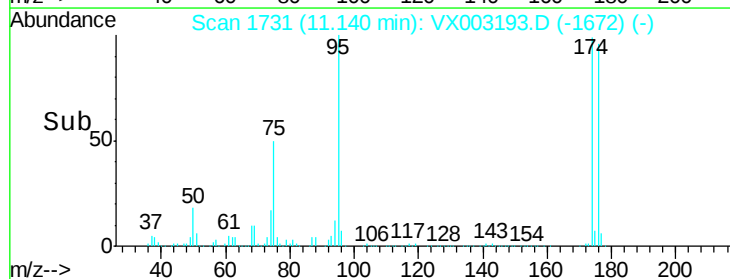
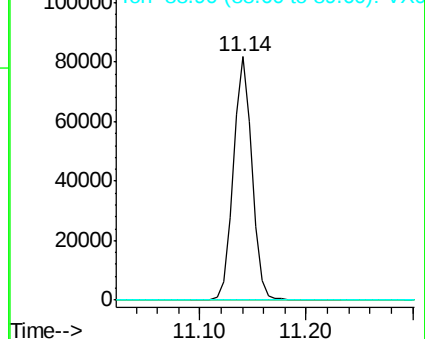
89 0.0 38.2 57.2#

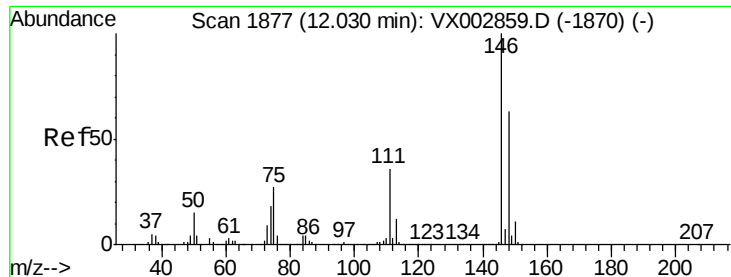


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

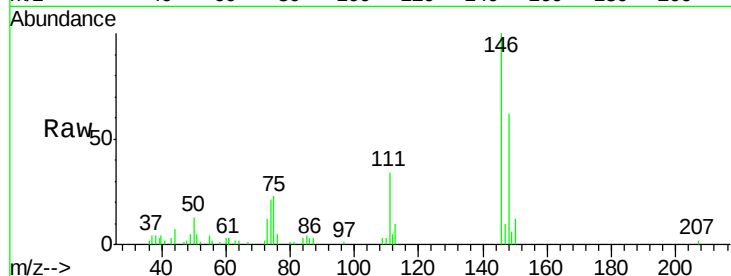




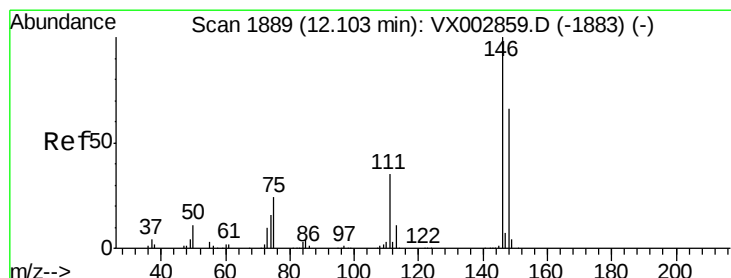
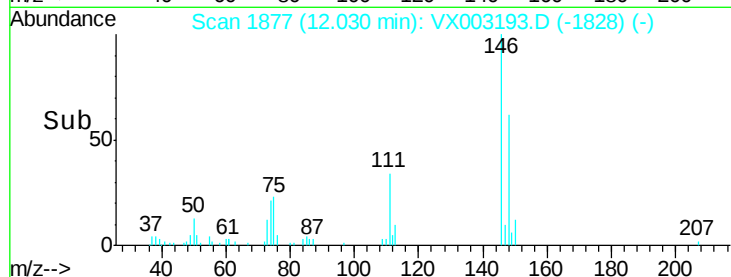
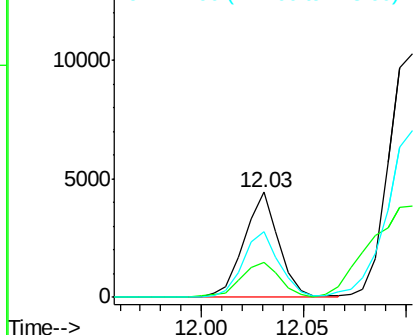
#87
 1,3-Dichlorobenzene
 Concen: 0.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003193.D
 Acq: 06 Jul 2018 01:27

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702DL

Tot Ion:146 Resp: 5259
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 64.6 32.1 96.3

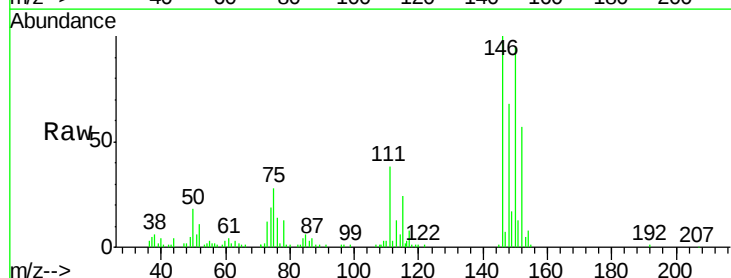


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

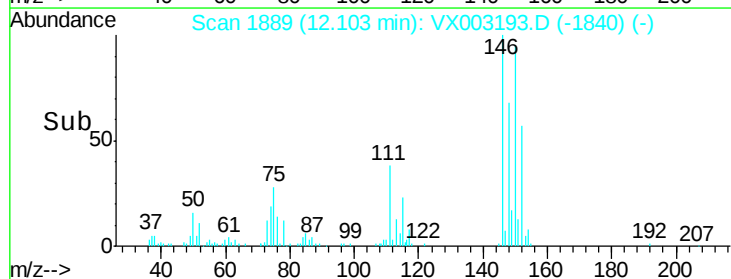
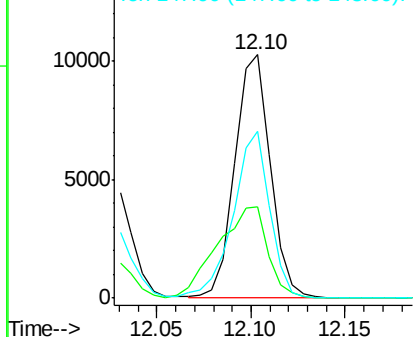


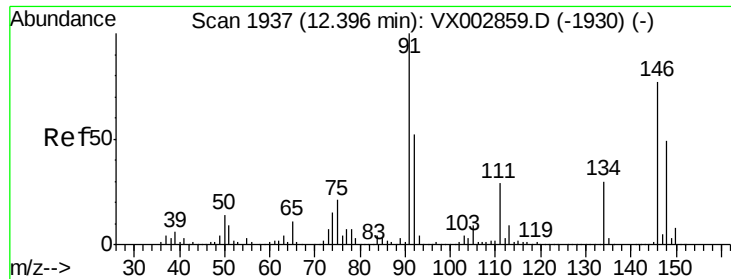
#88
 1,4-Dichlorobenzene
 Concen: 1.76 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003193.D
 Acq: 06 Jul 2018 01:27

Tgt Ion:146 Resp: 13437
 Ion Ratio Lower Upper
 146 100
 111 53.5 18.7 56.1
 148 70.5 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: 2.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702DL

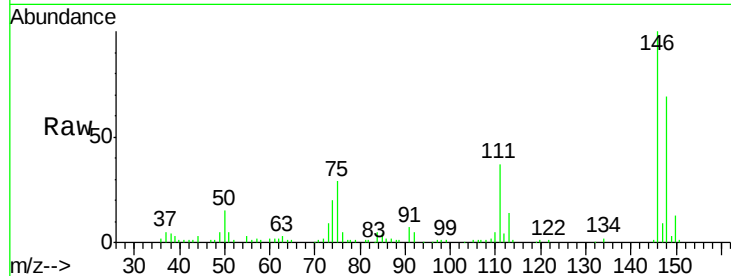
Tot Ion:146 Resp: 16746

Ion Ratio Lower Upper

146 100

111 36.1 19.4 58.1

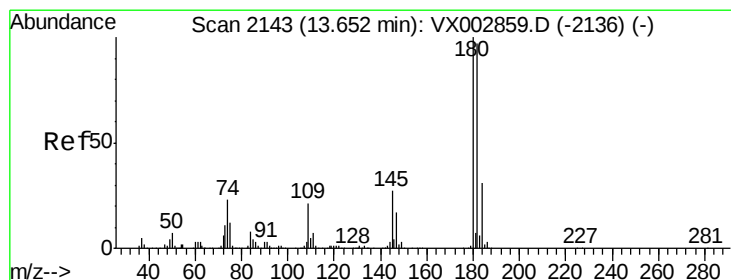
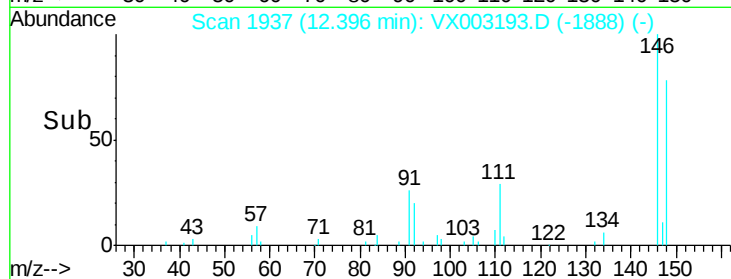
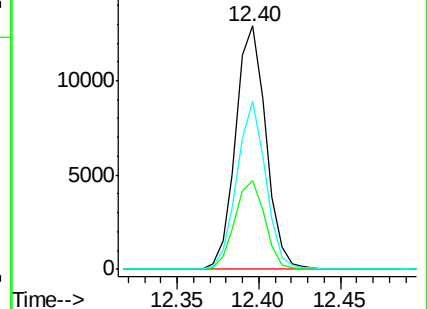
148 65.5 31.7 95.1



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



#93

1,2,4-Trichlorobenzene

Concen: 0.26 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

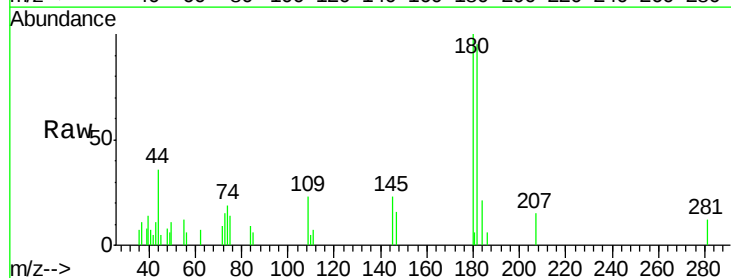
Tgt Ion:180 Resp: 1409

Ion Ratio Lower Upper

180 100

182 99.1 47.7 143.1

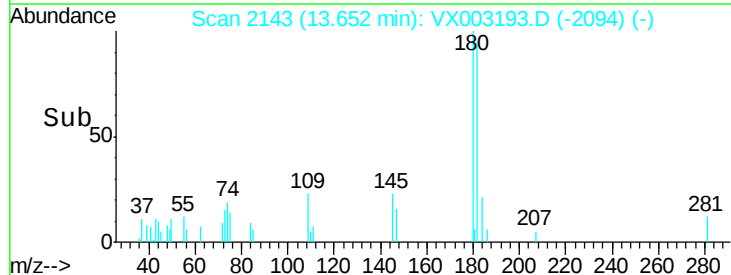
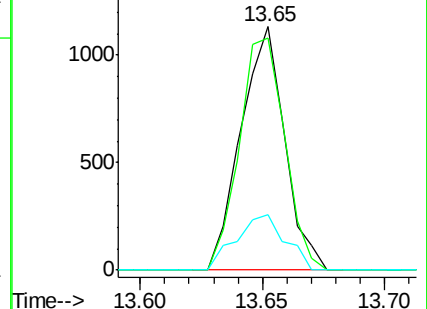
145 25.7 14.1 42.4

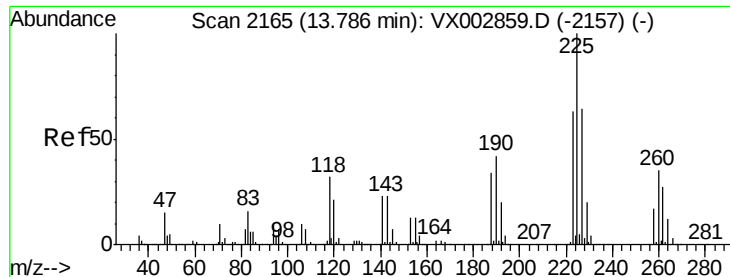


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.21 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702DL

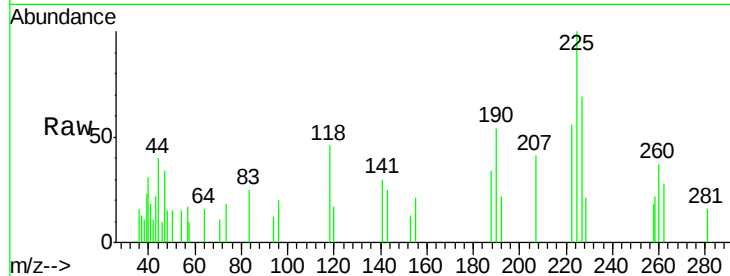
Tot Ion:225 Resp: 584

Ion Ratio Lower Upper

225 100

223 63.0 31.6 95.0

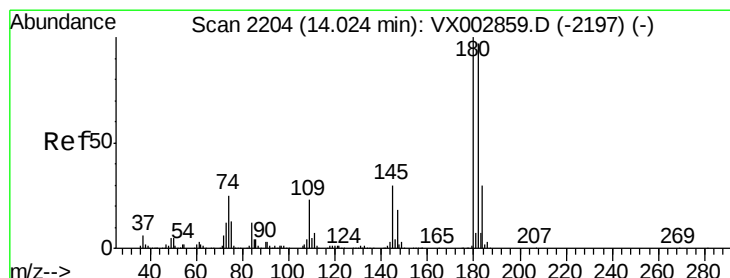
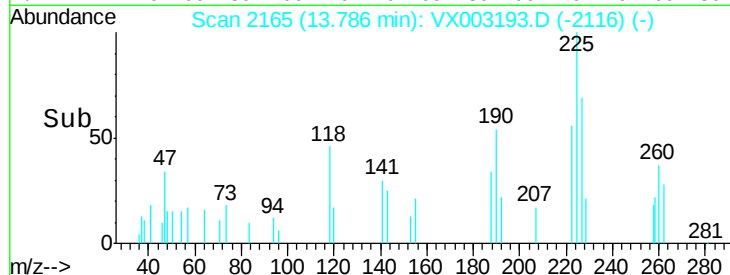
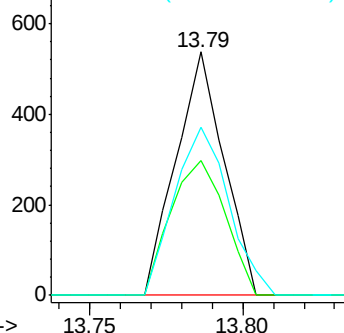
227 78.3 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.21 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003193.D

Acq: 06 Jul 2018 01:27

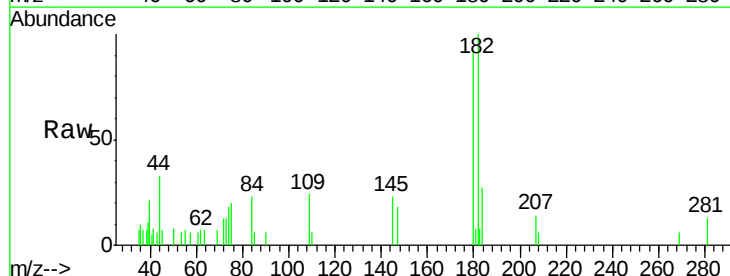
Tgt Ion:180 Resp: 1158

Ion Ratio Lower Upper

180 100

182 101.3 48.0 144.0

145 27.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

