

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003201.D
 Acq On : 06 Jul 2018 05:01
 Operator : JC/MD
 Sample : J3844-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702

Quant Time: Jul 06 07:35:20 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	269552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173814	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	5.51	113	145632	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.72	98	524051	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.14	95	190548	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	167	Below Cal	#	43
3) Chloromethane	1.32	50	1574	Below Cal		96
4) Vinyl Chloride	1.40	62	44751	14.68	ug/l	93
5) Bromomethane	1.65	94	1373	Below Cal		82
6) Chloroethane	1.73	64	1575	Below Cal	#	58
10) Methyl Iodide	2.52	142	1624	6.70	ug/l	98
11) Tert butyl alcohol	3.08	59	4830	6.51	ug/l	# 86
13) Acrolein	2.31	56	234	4.79	ug/l	# 14
16) Acetone	2.45	43	5981	3.88	ug/l	92
17) Carbon Disulfide	2.57	76	2733	0.39	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	2430	0.84	ug/l	90
24) 1,1-Dichloroethane	3.70	63	21413	3.93	ug/l	99
25) 2-Butanone	4.73	43	910	0.40	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	55159	16.99	ug/l	86
29) Tetrahydrofuran	5.18	42	995	0.68	ug/l	# 63
36) 1,1-Dichloropropene	5.67	75	17339	4.22	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	23711	5.26	ug/l	# 17
40) Benzene	6.14	78	35681	2.99	ug/l	98
42) 1,2-Dichloroethane	6.20	62	7885	1.63	ug/l	90
44) Trichloroethene	7.21	130	2340	0.66	ug/l	89
49) 1,4-Dioxane	7.76	88	1044	14.03	ug/l	# 91
59) 2-Hexanone	9.31	43	4339	1.23	ug/l	80
60) Dibromochloromethane	9.34	129	3053	0.92	ug/l	# 11
64) Tetrachloroethene	9.34	164	3567	0.90	ug/l	96
65) Chlorobenzene	10.14	112	1647828	182.94	ug/l	98
69) o-Xylene	10.70	106	1421	0.25	ug/l	94
73) Isopropylbenzene	11.02	105	3296	0.24	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	96721	26.04	ug/l	# 33
79) 2-Chlorotoluene	11.42	91	3136	0.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	96721	73.84	ug/l	# 7
85) sec-Butylbenzene	11.95	105	2909	0.21	ug/l	92
87) 1,3-Dichlorobenzene	12.03	146	4734	0.66	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	16614	2.25	ug/l	86
90) Hexachloroethane	12.76	117	1853	1.00	ug/l	# 1

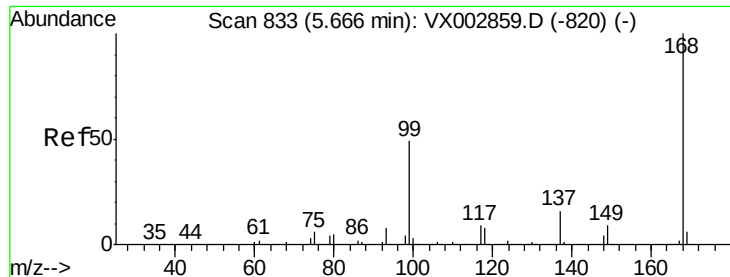
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003201.D
Acq On : 06 Jul 2018 05:01
Operator : JC/MD
Sample : J3844-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

Quant Time: Jul 06 07:35:20 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)
91) 1,2-Dichlorobenzene	12.40	146	15477	2.14	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

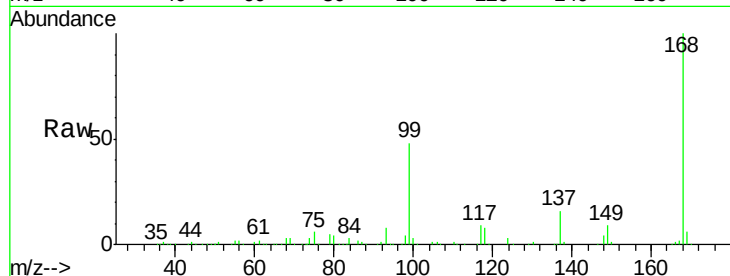
WP022MW357-180702

Tot Ion:168 Resp: 269552

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

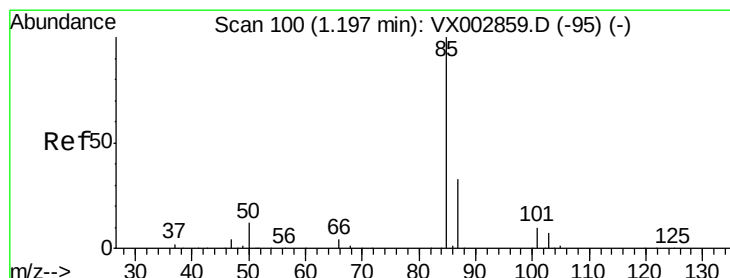
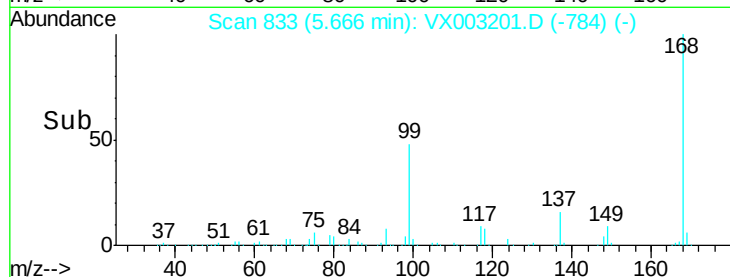
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003201.D

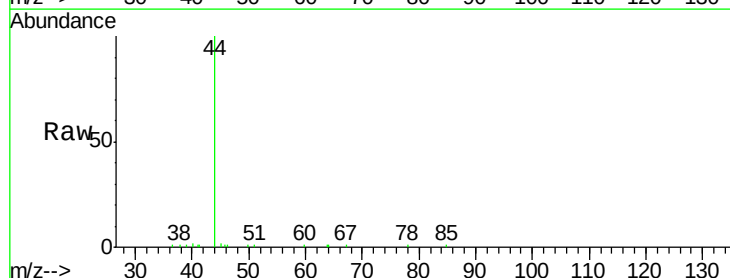
Acq: 06 Jul 2018 05:01

Tgt Ion: 85 Resp: 167

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

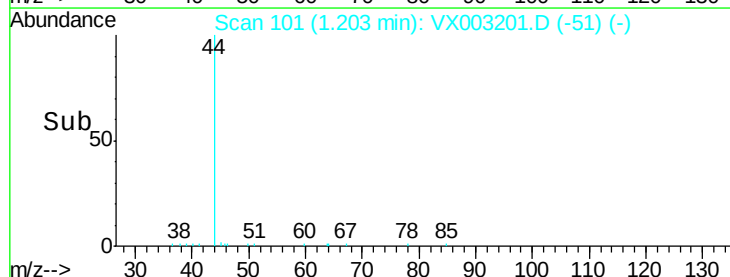
150

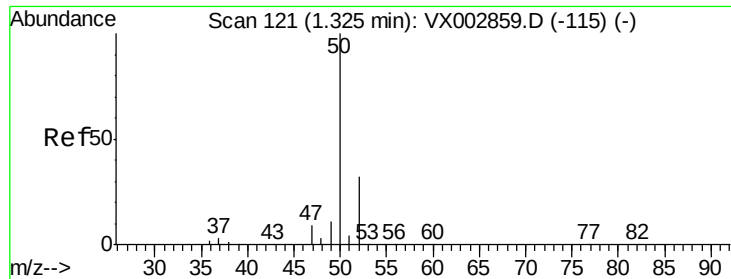
100

50

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

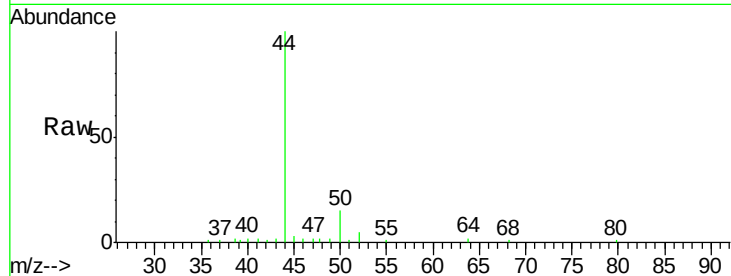
WP022MW357-180702

Tot Ion: 50 Resp: 1574

Ion Ratio Lower Upper

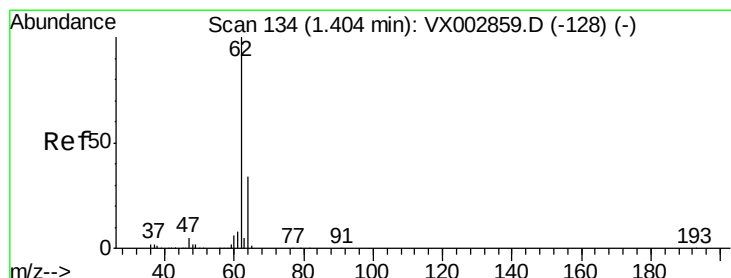
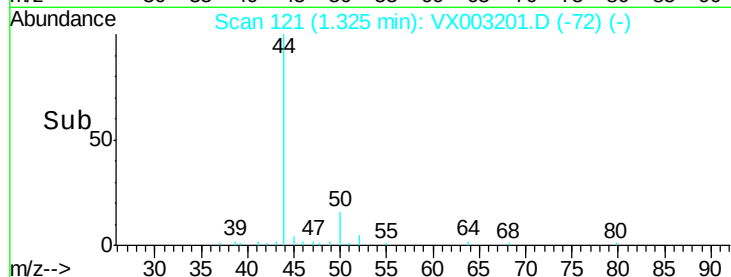
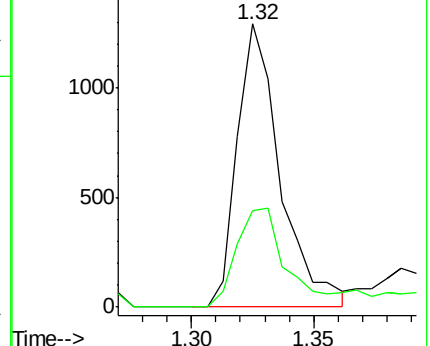
50 100

52 34.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.68 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003201.D

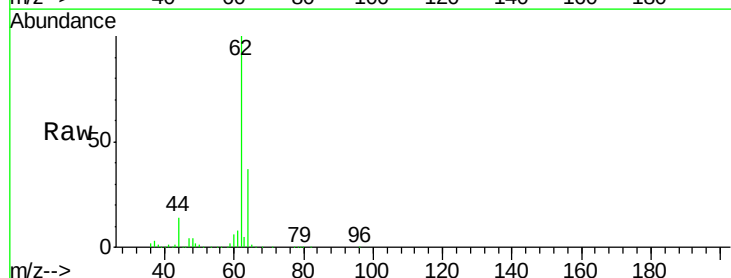
Acq: 06 Jul 2018 05:01

Tgt Ion: 62 Resp: 44751

Ion Ratio Lower Upper

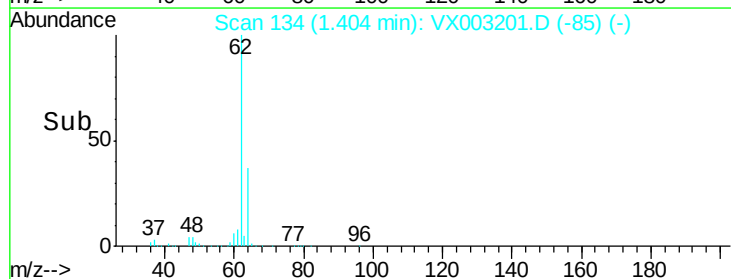
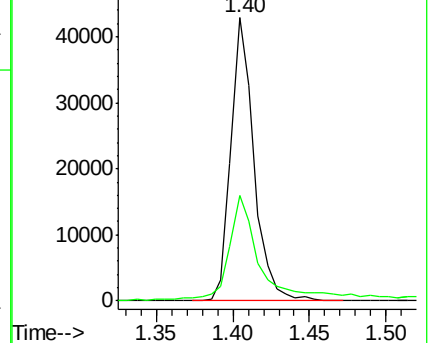
62 100

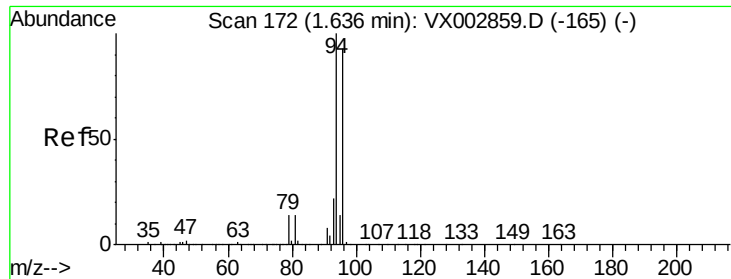
64 35.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

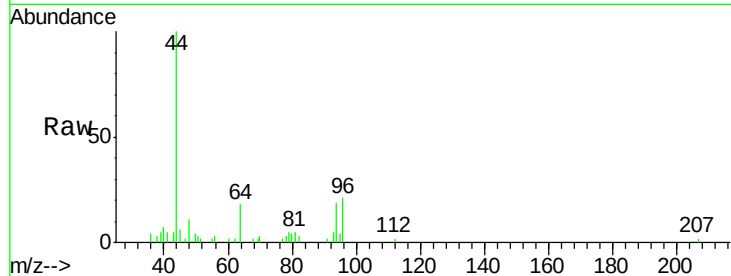
WP022MW357-180702

Tot Ion: 94 Resp: 1373

Ion Ratio Lower Upper

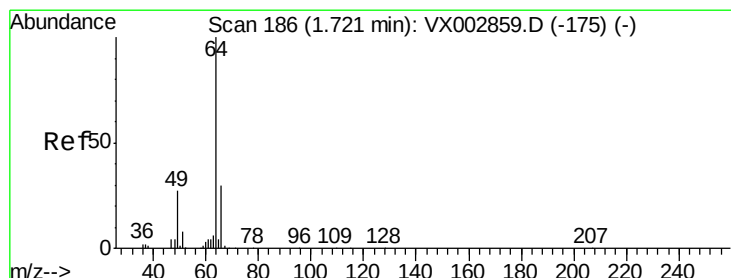
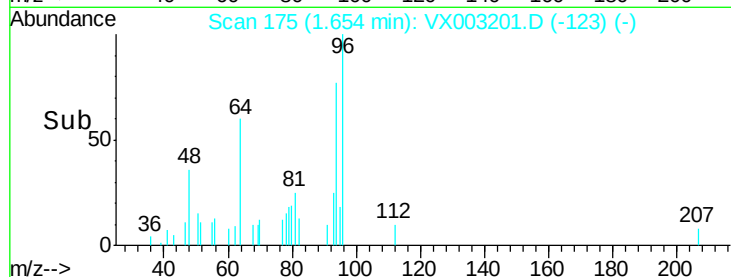
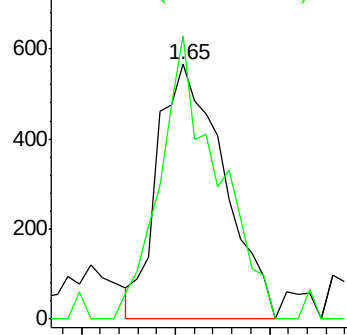
94 100

96 111.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003201.D

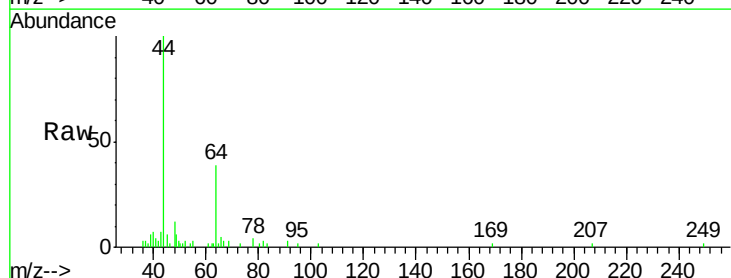
Acq: 06 Jul 2018 05:01

Tgt Ion: 64 Resp: 1575

Ion Ratio Lower Upper

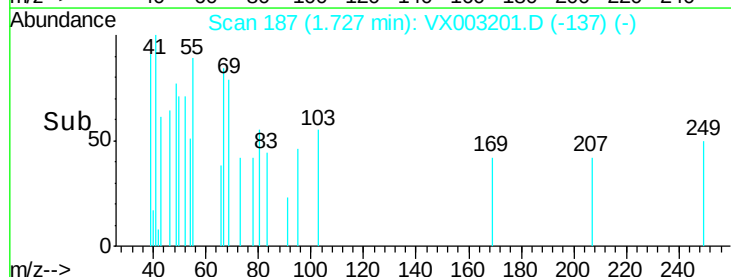
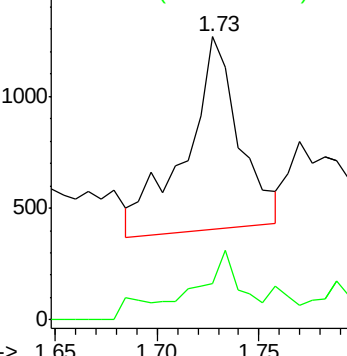
64 100

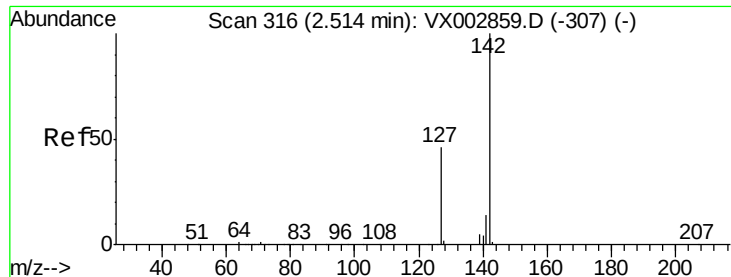
66 8.4 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

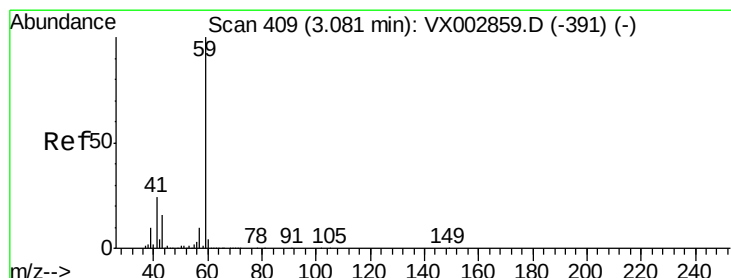
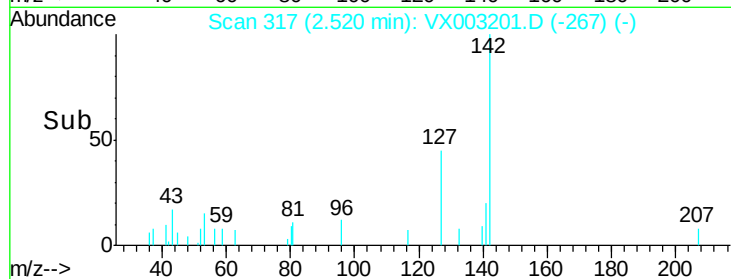
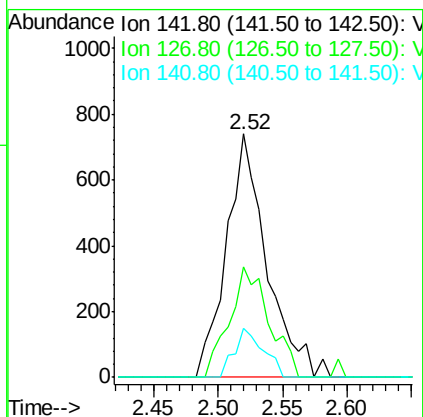
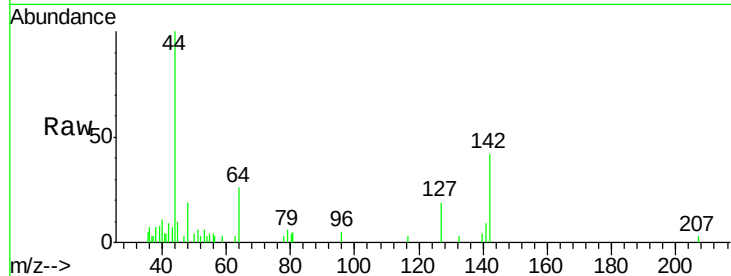




#10
Methyl Iodide
Concen: 6.70 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

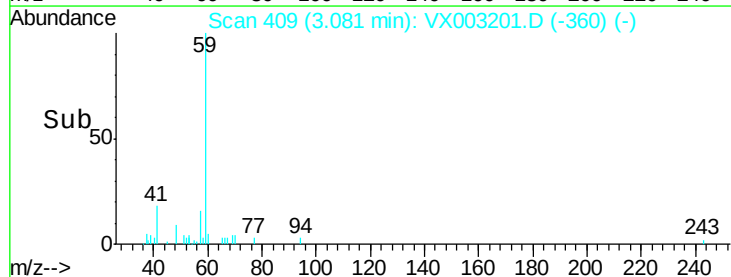
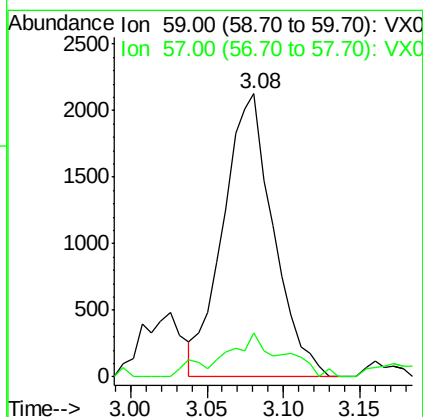
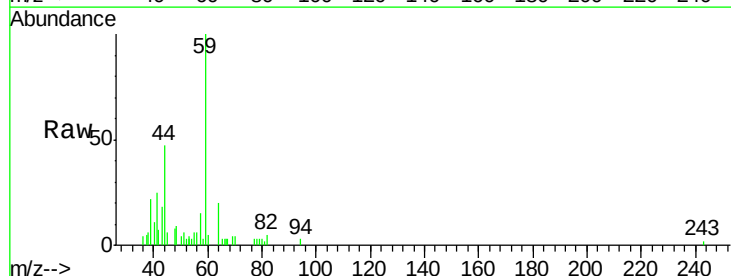
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

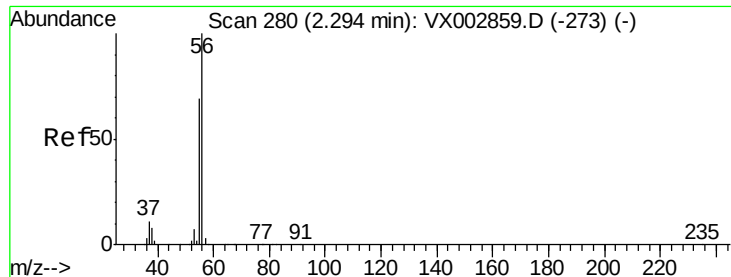
Tot Ion:142 Resp: 1624
Ion Ratio Lower Upper
142 100
127 44.5 36.6 55.0
141 14.4 11.3 16.9



#11
Tert butyl alcohol
Concen: 6.51 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

Tgt Ion: 59 Resp: 4830
Ion Ratio Lower Upper
59 100
57 15.5 8.2 12.2#





#13

Acrolein

Concen: 4.79 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

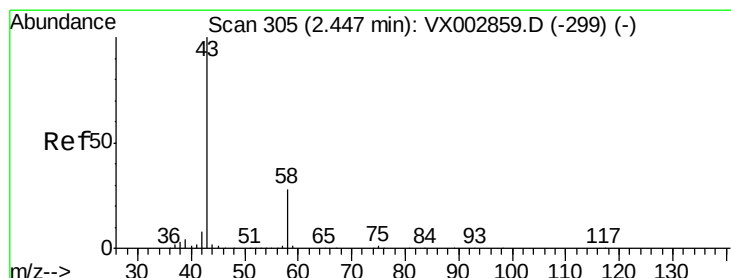
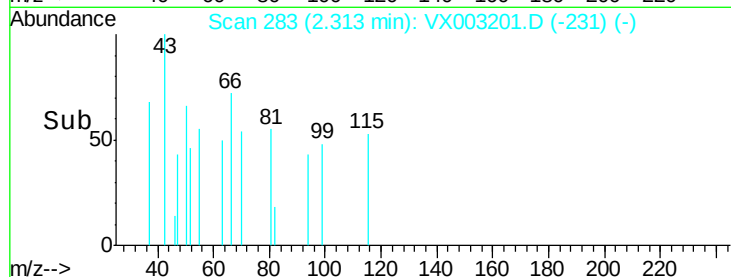
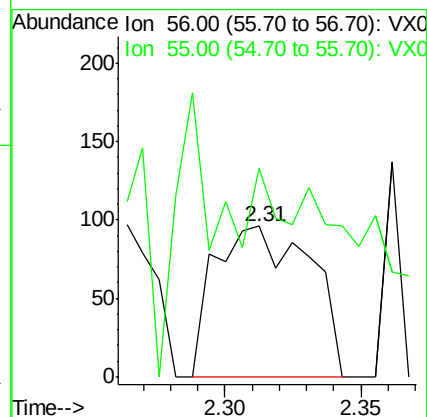
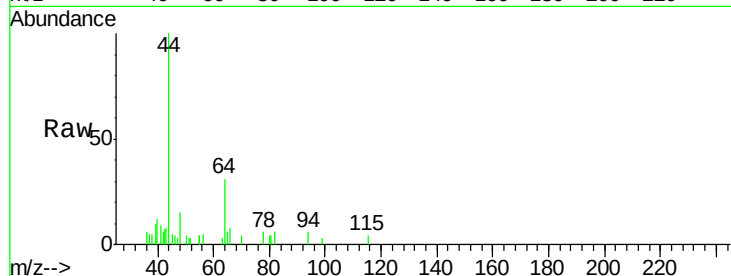
WP022MW357-180702

Tot Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 3.88 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003201.D

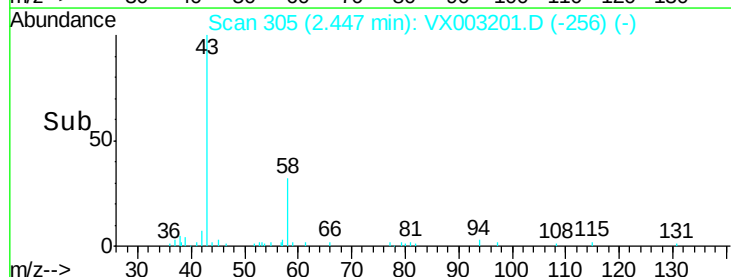
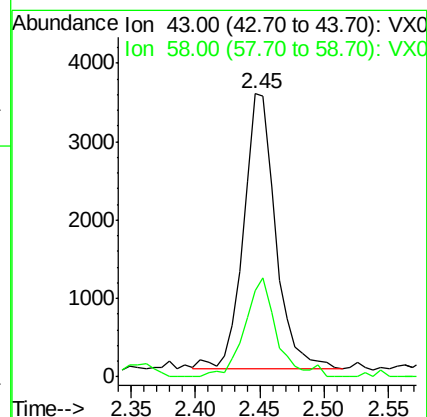
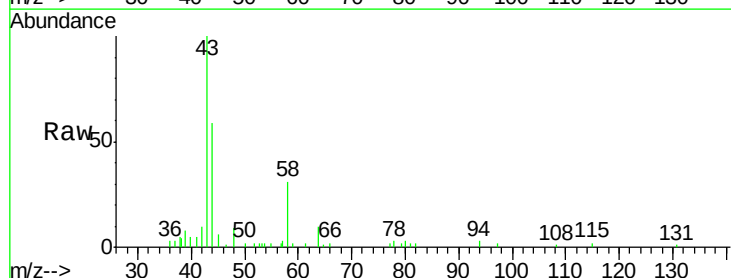
Acq: 06 Jul 2018 05:01

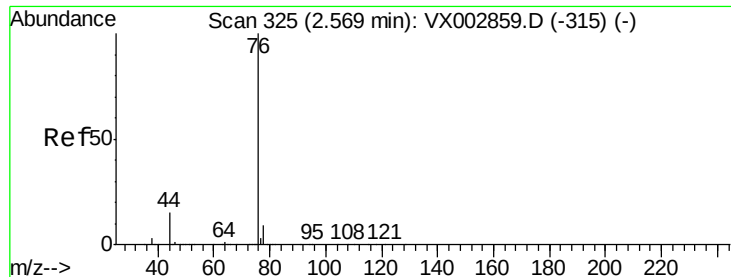
Tgt Ion: 43 Resp: 5981

Ion Ratio Lower Upper

43 100

58 31.6 22.1 33.1

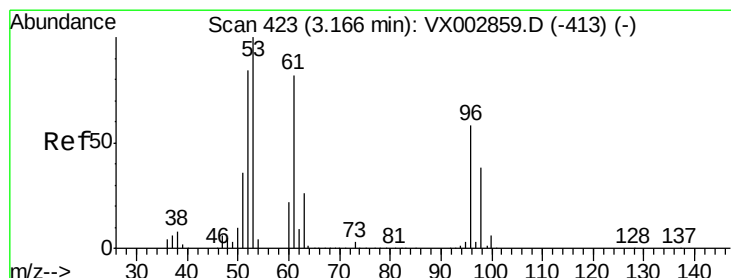
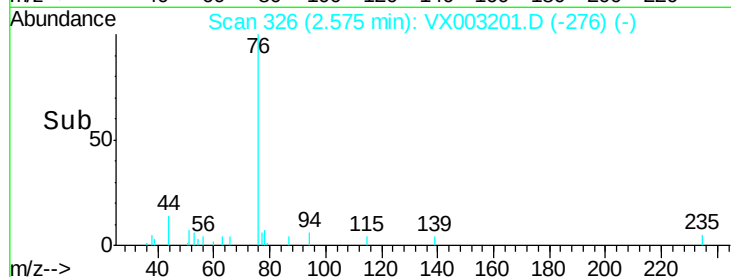
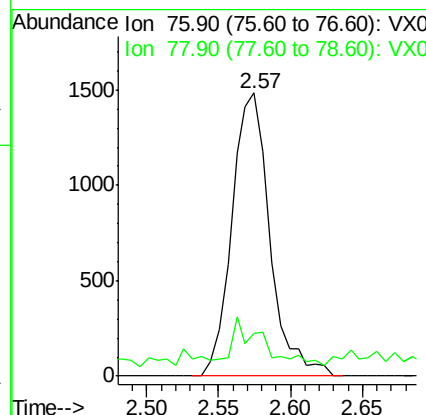
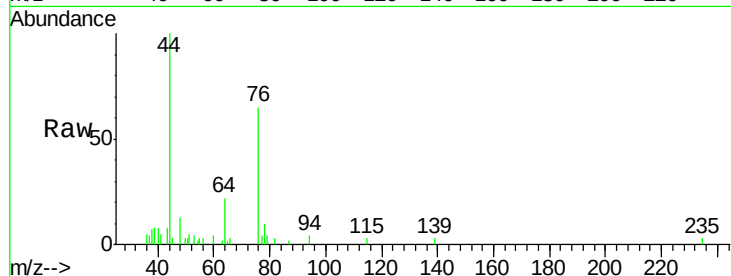




#17
Carbon Disulfide
Concen: 0.39 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

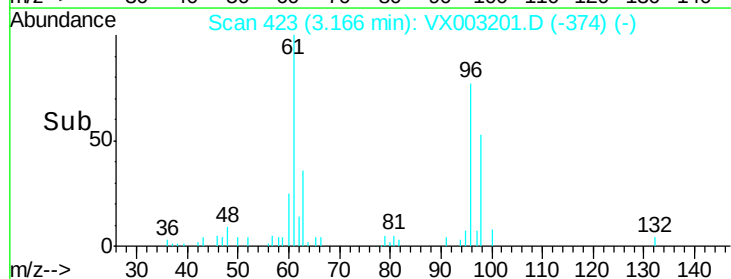
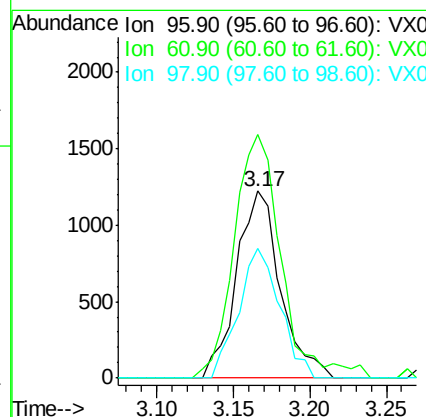
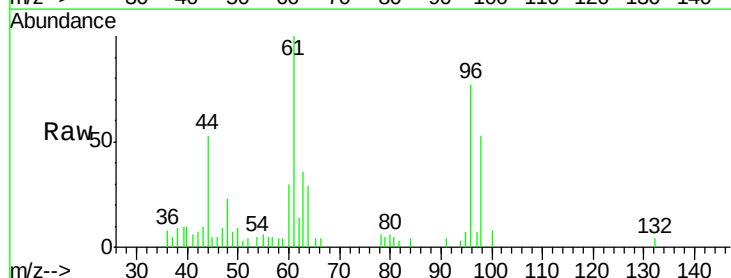
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

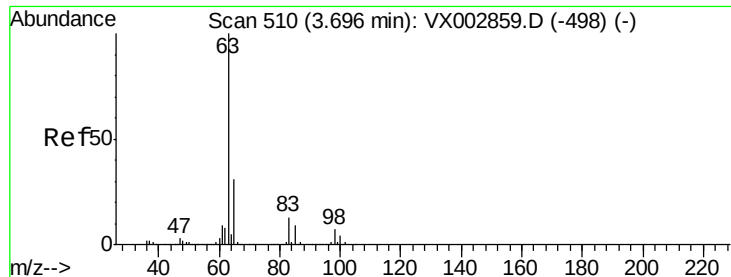
Tot Ion: 76 Resp: 2733
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#21
trans-1,2-Dichloroethene
Concen: 0.84 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

Tgt Ion: 96 Resp: 2430
Ion Ratio Lower Upper
96 100
61 130.3 117.0 175.4
98 69.4 52.4 78.6





#24

1,1-Dichloroethane

Concen: 3.93 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702

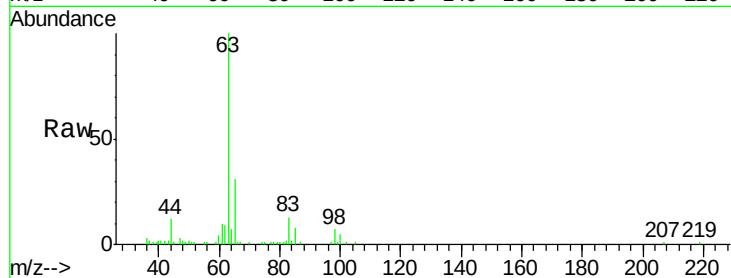
Tot Ion: 63 Resp: 21413

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

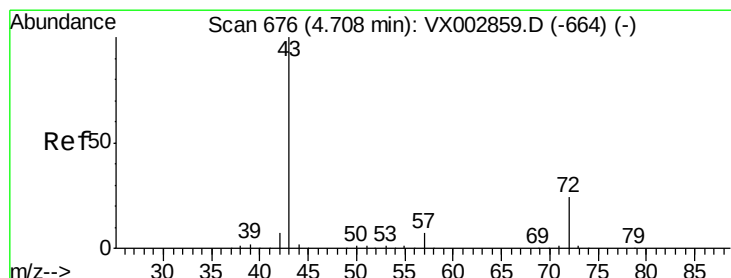
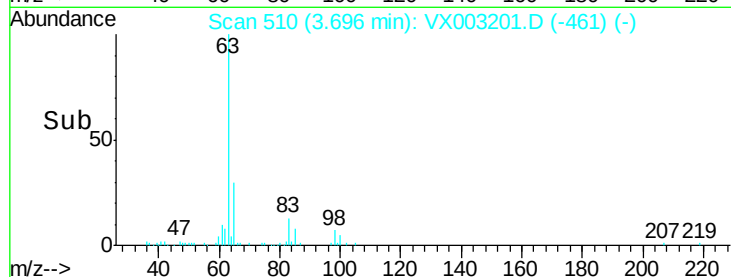
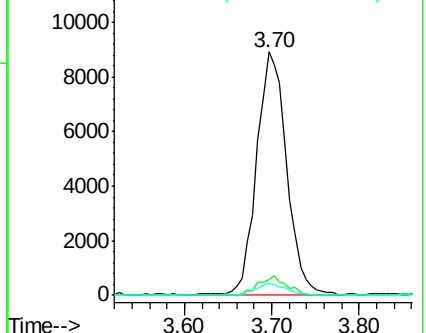
100 4.9 2.0 6.0



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: 0.40 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX003201.D

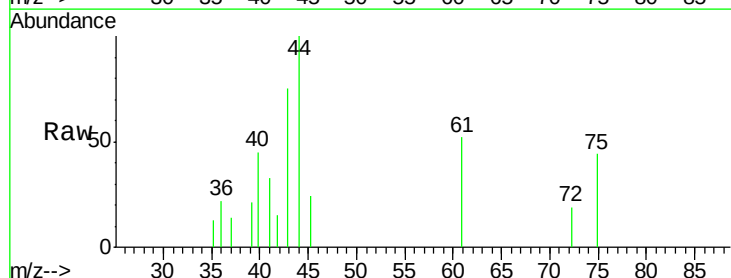
Acq: 06 Jul 2018 05:01

Tgt Ion: 43 Resp: 910

Ion Ratio Lower Upper

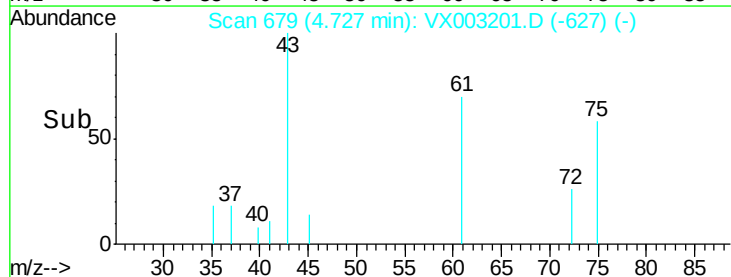
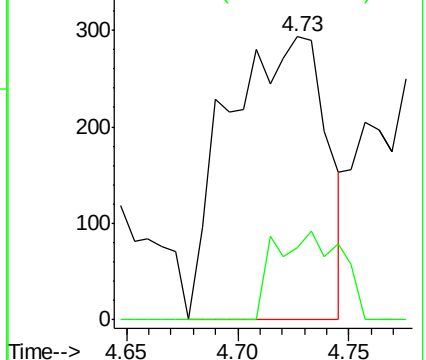
43 100

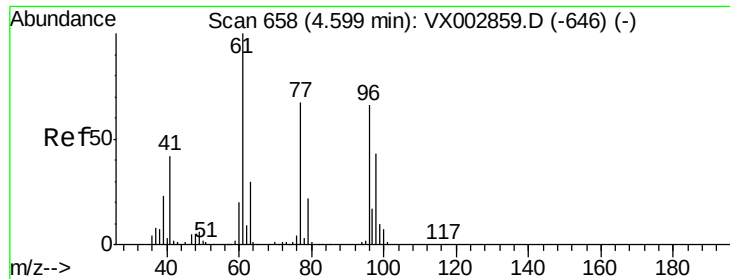
72 25.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 16.99 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702

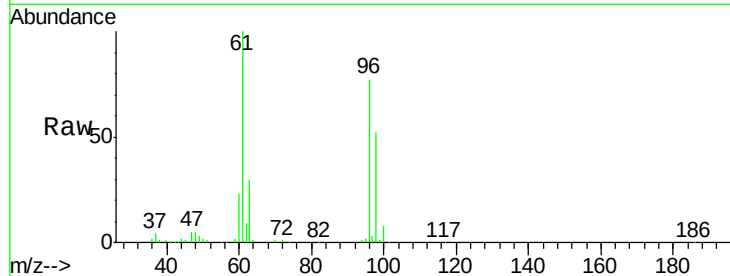
Tot Ion: 96 Resp: 55159

Ion Ratio Lower Upper

96 100

61 138.7 0.0 330.2

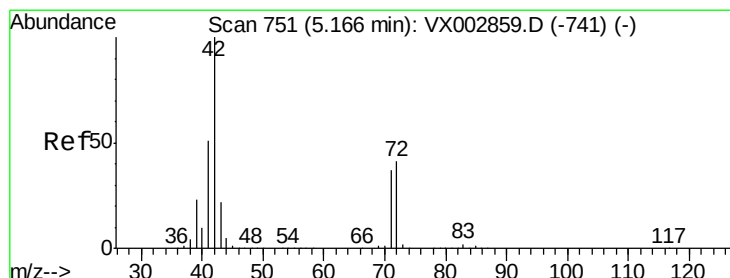
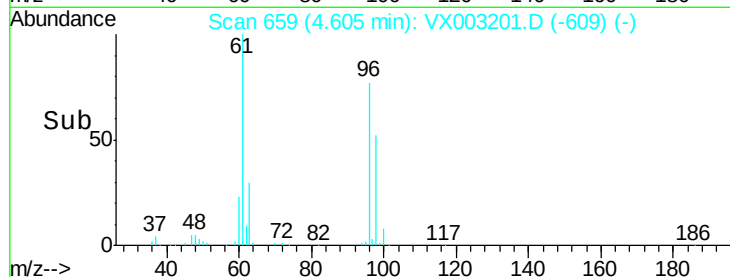
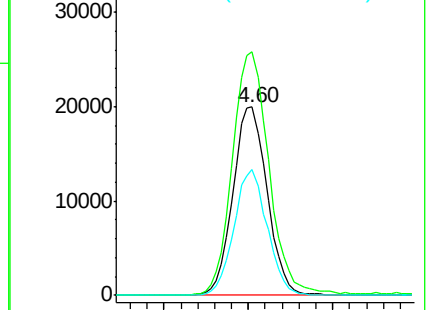
98 64.6 0.0 130.2



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



#29

Tetrahydrofuran

Concen: 0.68 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

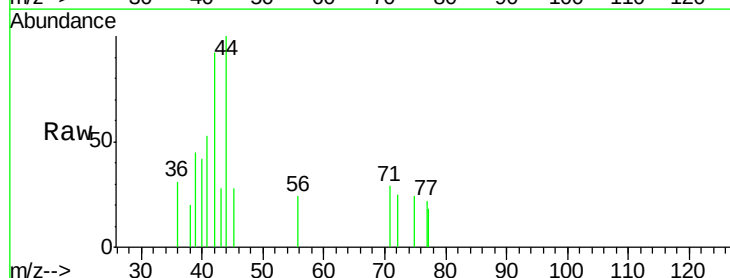
Tgt Ion: 42 Resp: 995

Ion Ratio Lower Upper

42 100

72 11.5 32.0 48.0#

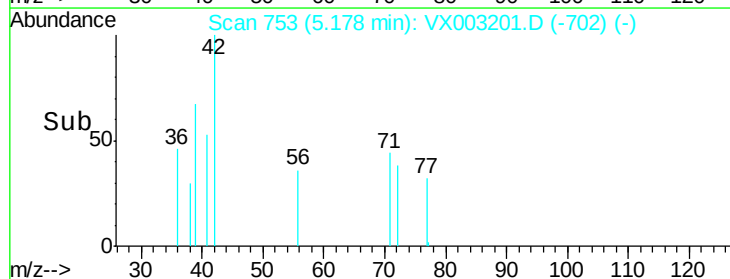
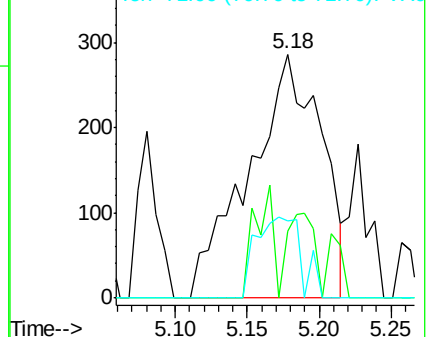
71 20.8 30.1 45.1#

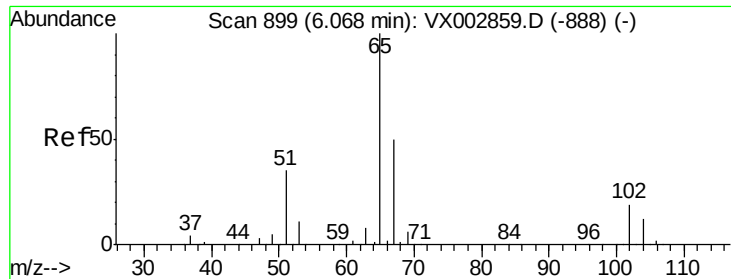


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

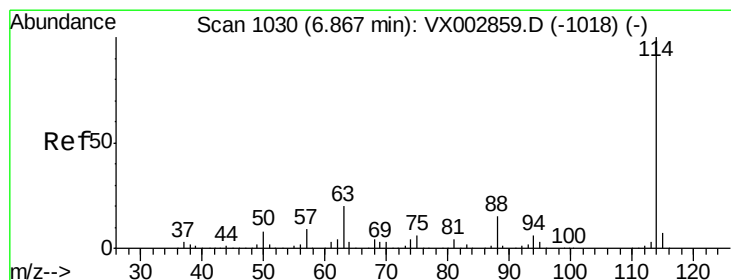
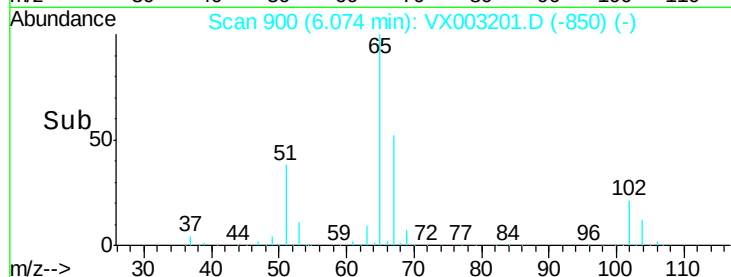
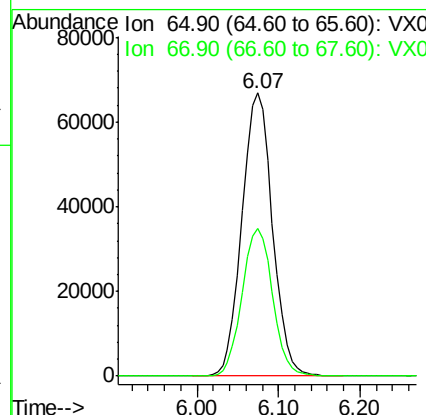
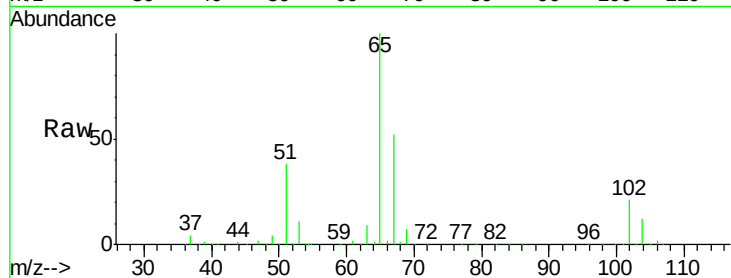




#33
 1,2-Dichloroethane-d4
 Concen: 46.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

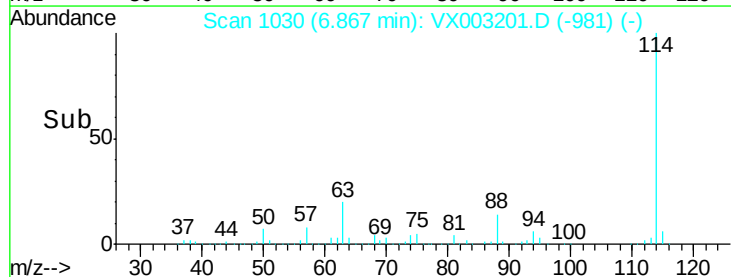
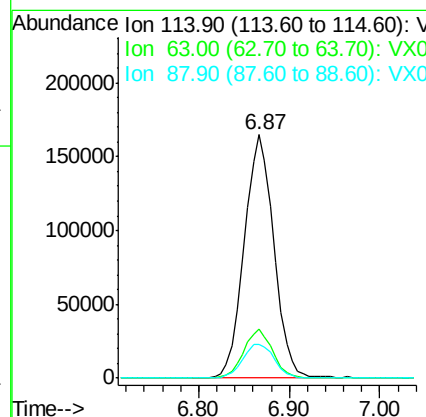
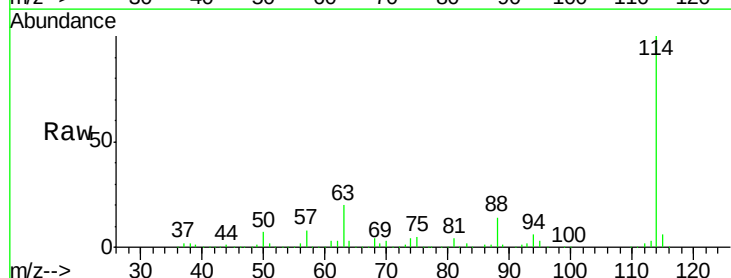
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702

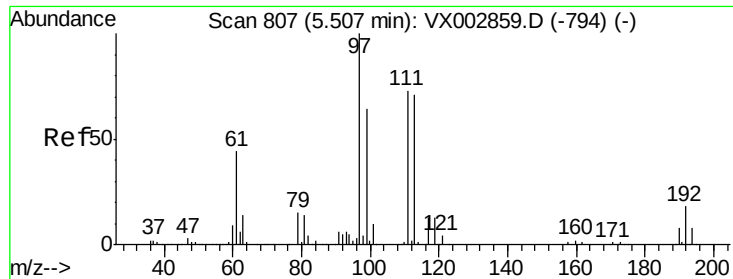
Tot Ion: 65 Resp: 173814
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

Tgt Ion: 114 Resp: 374785
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 14.1 0.0 30.0

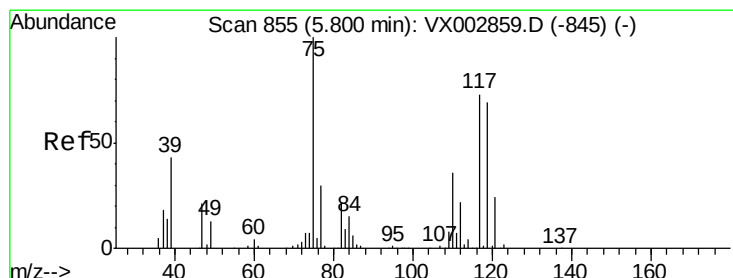
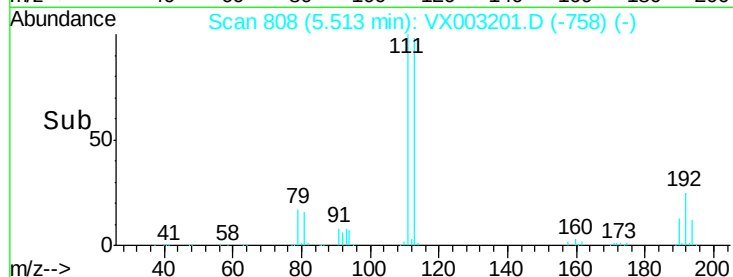
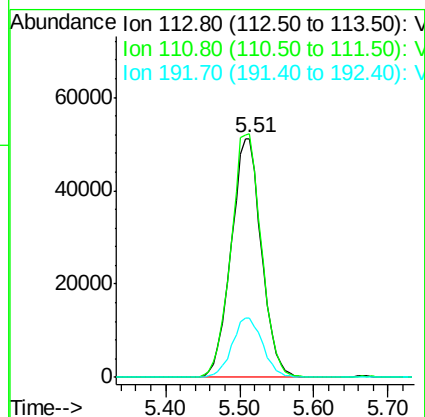
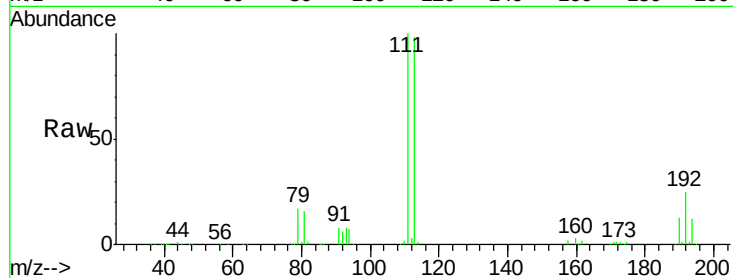




#35
 Dibromofluoromethane
 Concen: 49.07 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

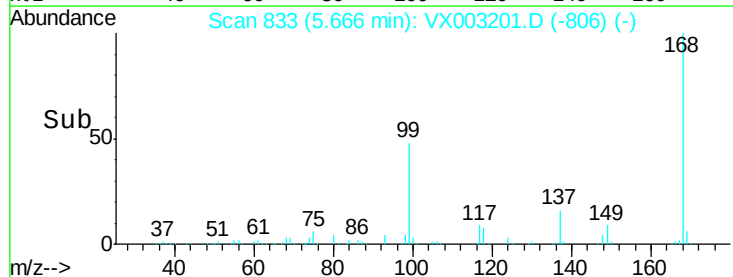
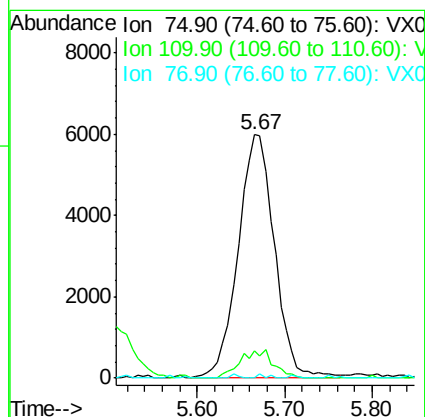
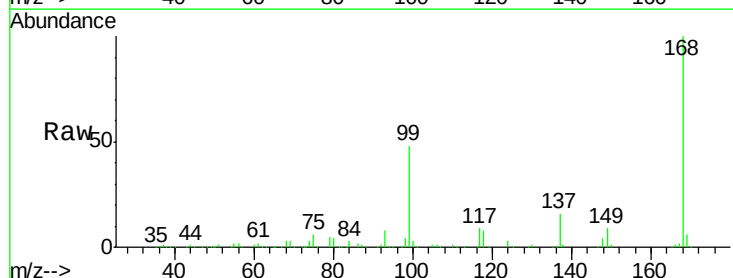
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702

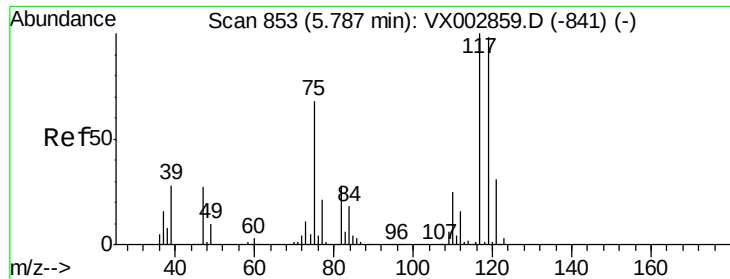
Tot Ion:113 Resp: 145632
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 25.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.22 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

Tgt Ion: 75 Resp: 17339
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.4#
 77 0.3 24.3 36.5#

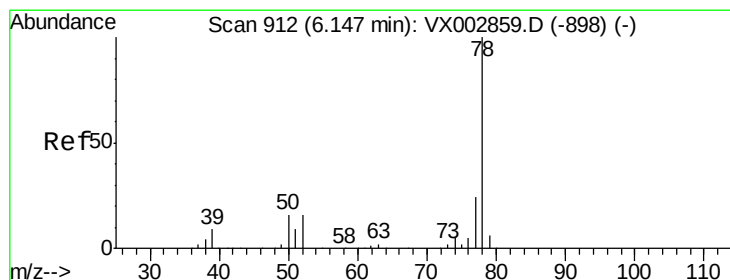
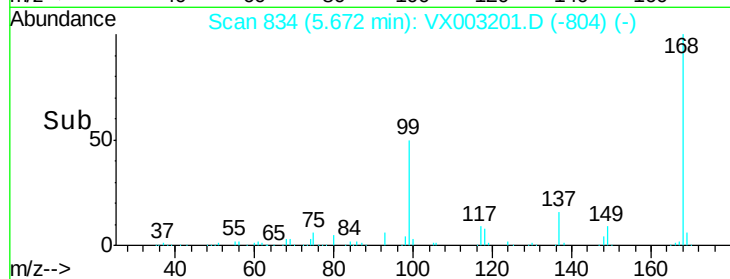
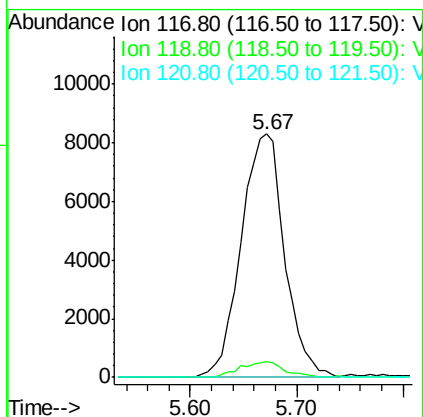
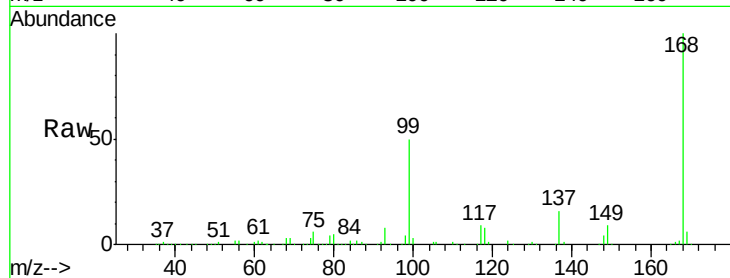




#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

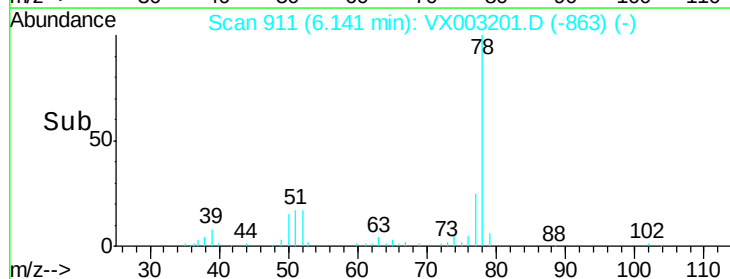
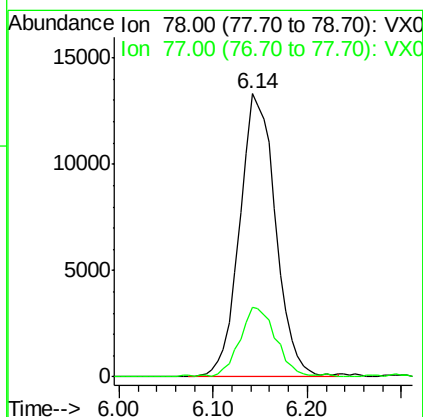
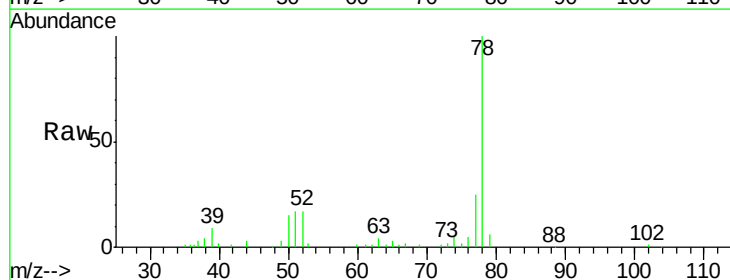
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

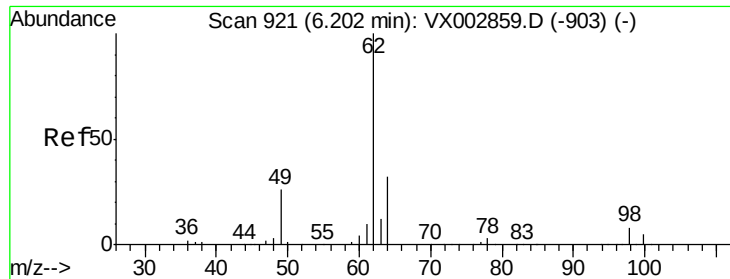
Tot Ion:117 Resp: 23711
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.0#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 2.99 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

Tgt Ion: 78 Resp: 35681
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

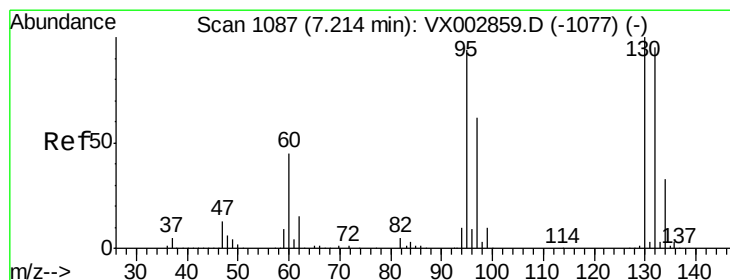
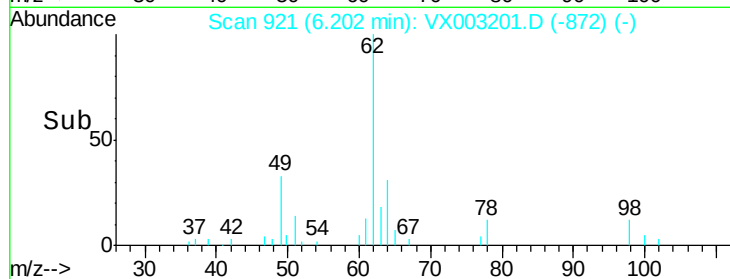
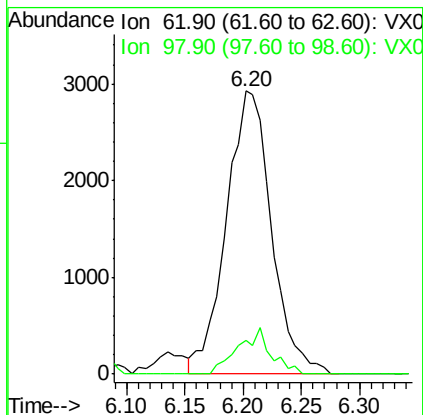
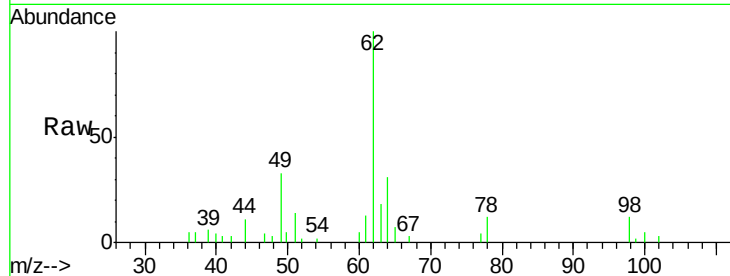




#42
 1,2-Dichloroethane
 Concen: 1.63 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

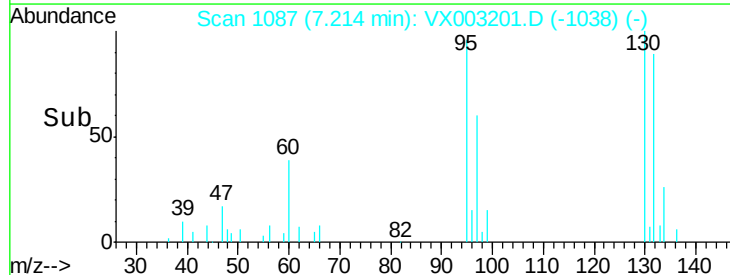
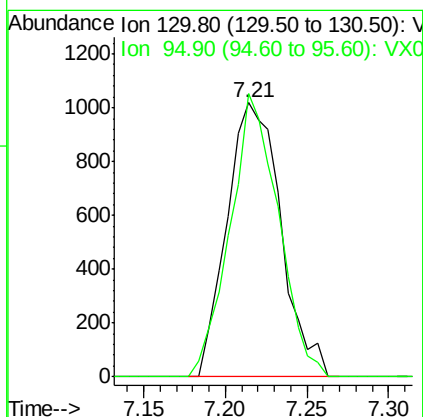
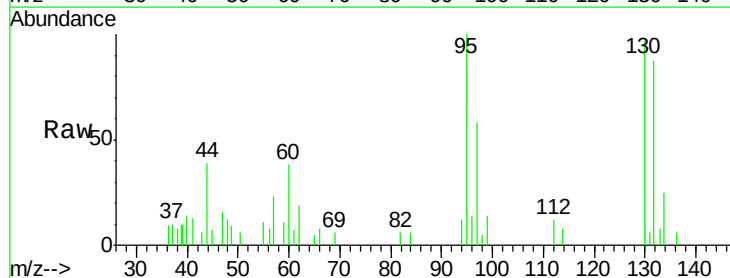
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702

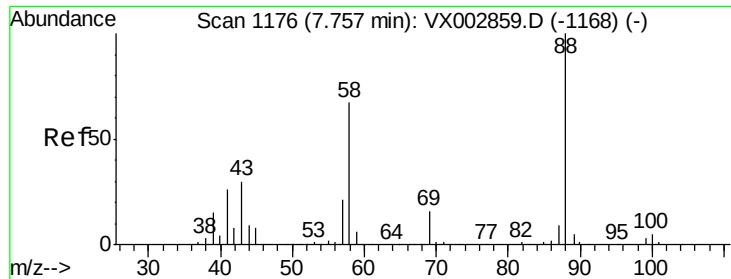
Tot Ion: 62 Resp: 7885
 Ion Ratio Lower Upper
 62 100
 98 11.8 0.0 16.6



#44
 Trichloroethene
 Concen: 0.66 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

Tgt Ion:130 Resp: 2340
 Ion Ratio Lower Upper
 130 100
 95 103.3 0.0 185.4

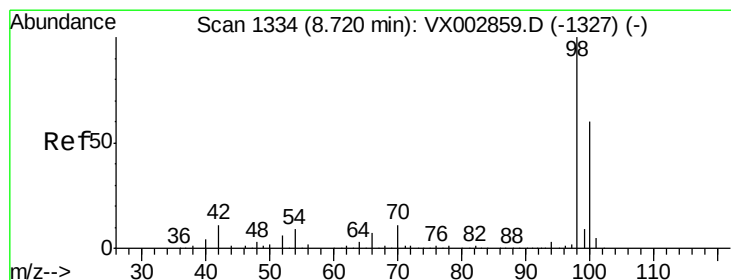
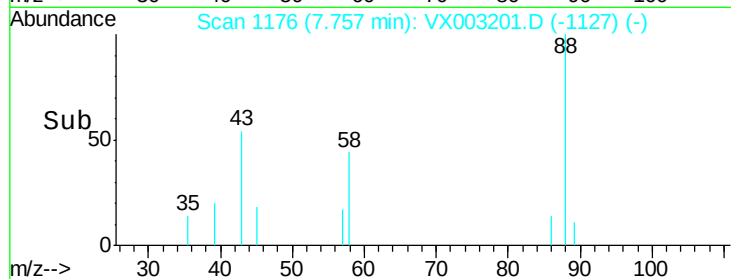
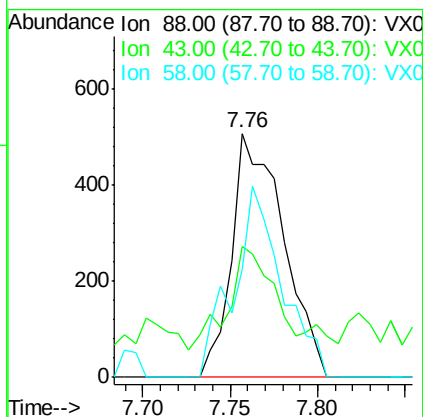
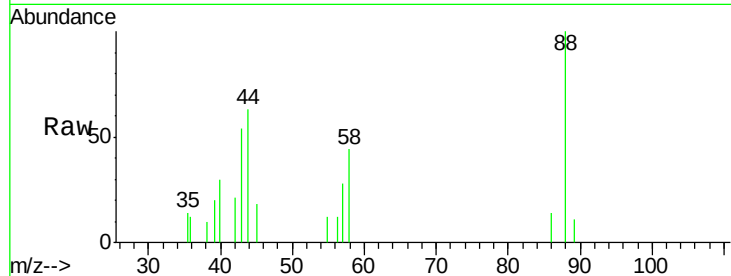




#49
1,4-Dioxane
Concen: 14.03 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

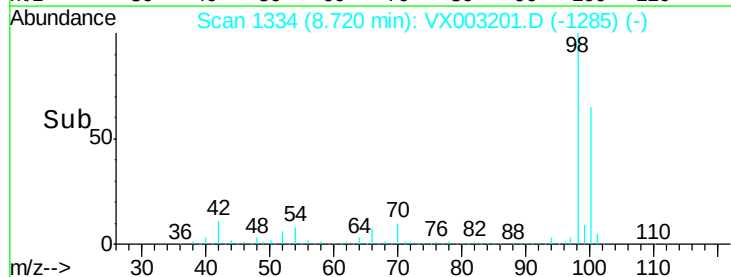
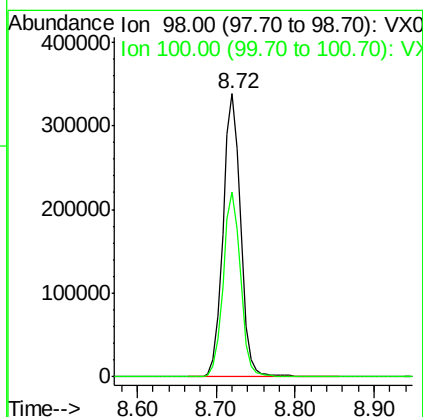
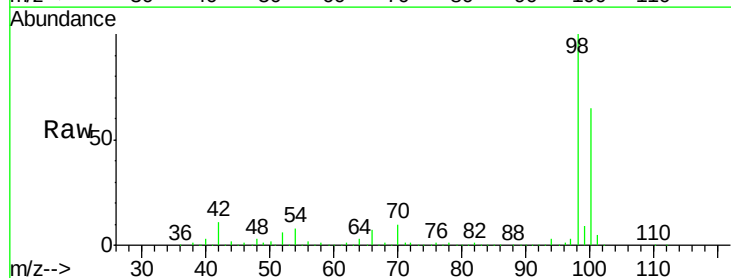
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

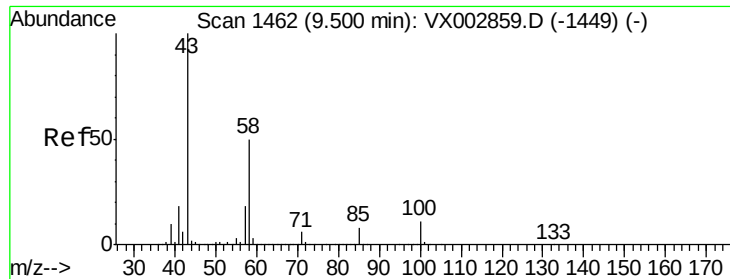
Tot Ion: 88 Resp: 1044
Ion Ratio Lower Upper
88 100
43 49.0 29.8 44.6#
58 73.7 57.1 85.7



#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

Tgt Ion: 98 Resp: 524051
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

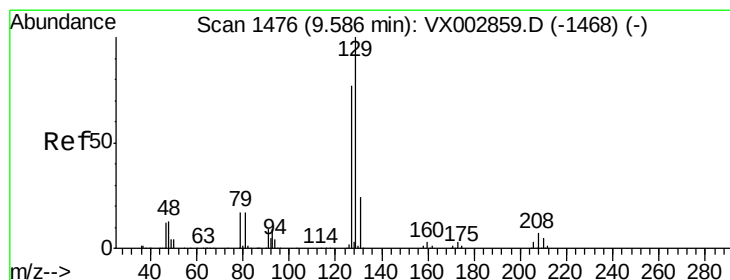
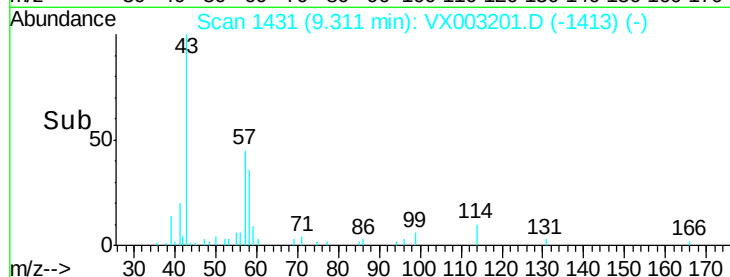
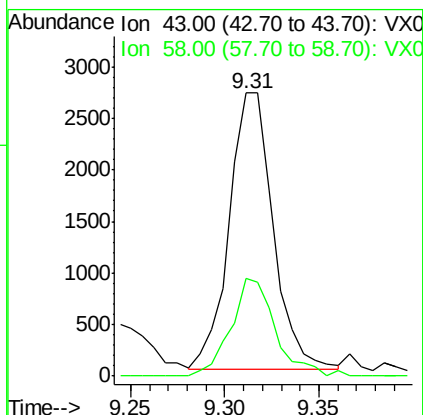
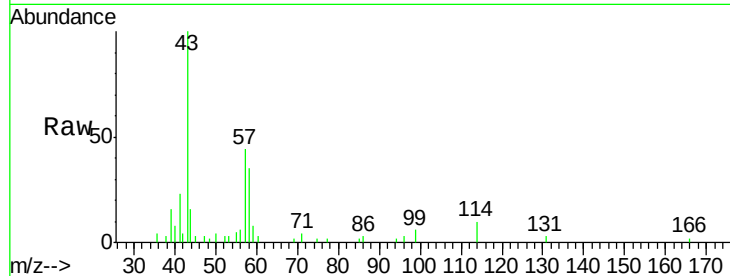




#59
2-Hexanone
Concen: 1.23 ug/l
RT: 9.31 min Scan# 1431
Delta R.T. -0.19 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

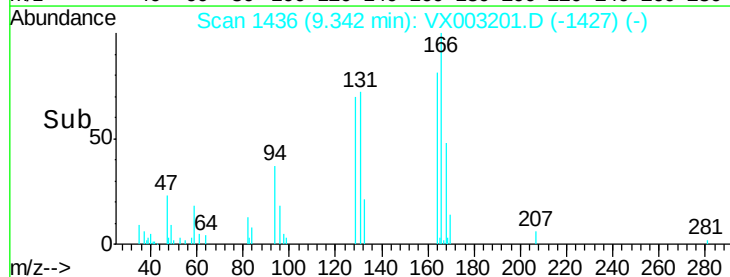
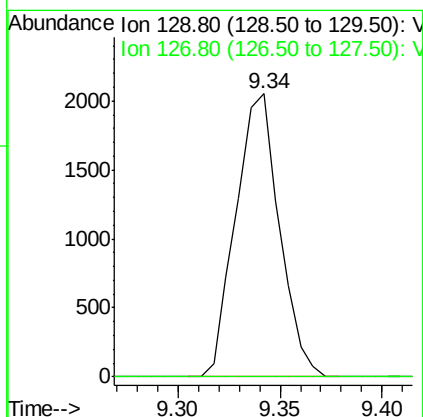
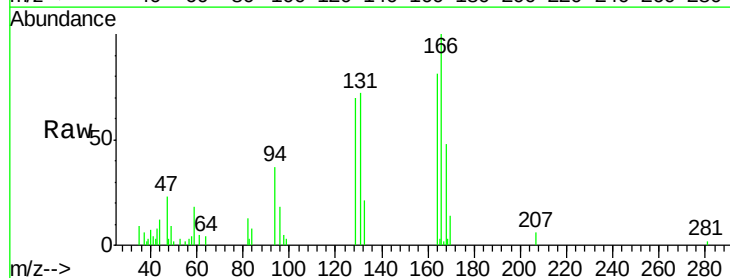
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

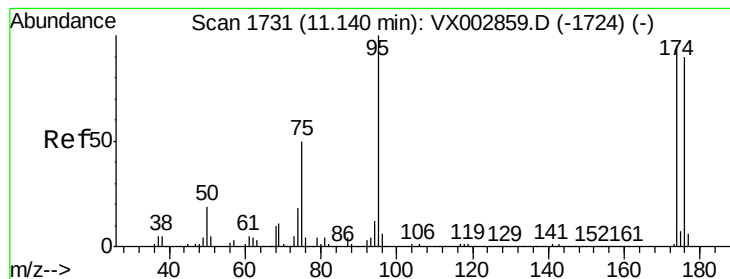
Tot Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
58 35.8 24.6 73.6



#60
Dibromochloromethane
Concen: 0.92 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

Tgt Ion: 129 Resp: 3053
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 45.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702

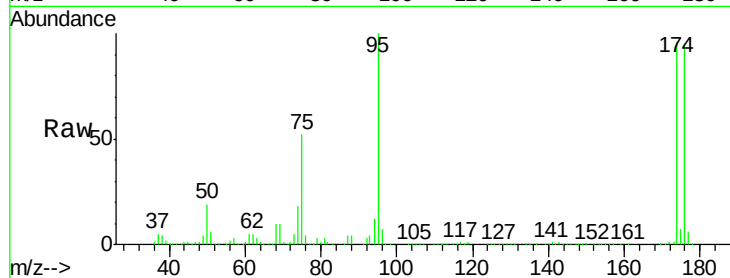
Tot Ion: 95 Resp: 190548

Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

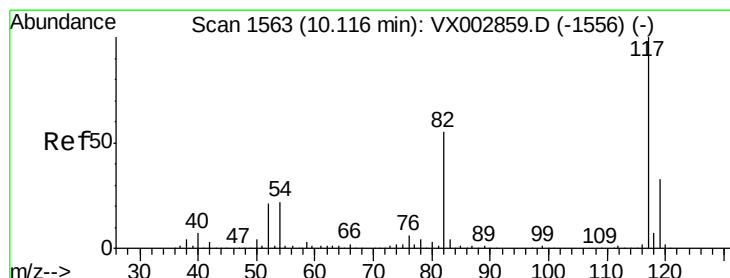
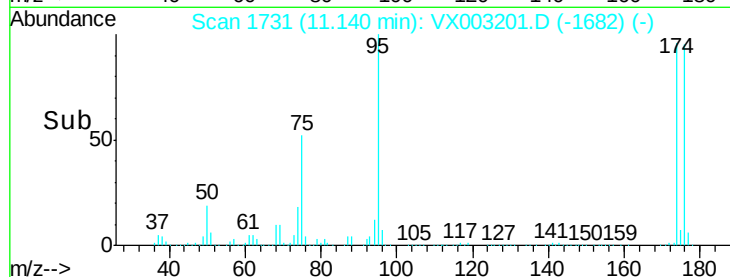
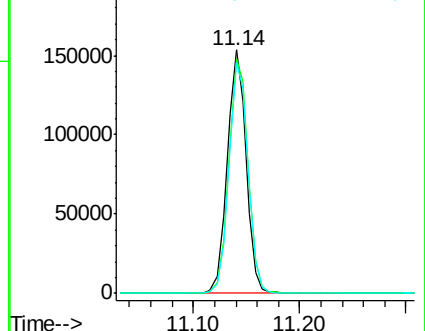
176 96.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

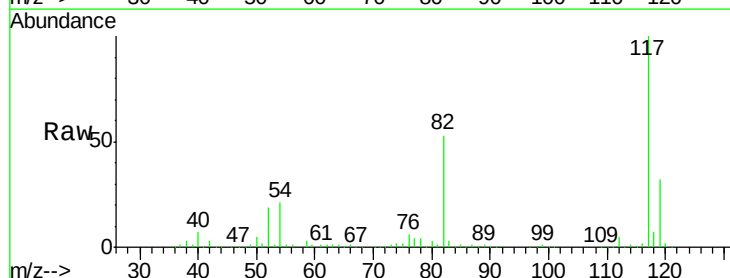
Tgt Ion: 117 Resp: 354631

Ion Ratio Lower Upper

117 100

82 53.4 45.0 67.4

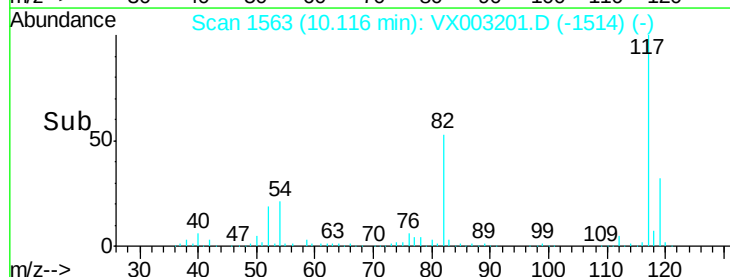
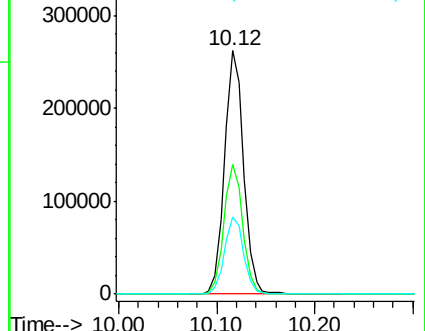
119 31.9 25.8 38.6

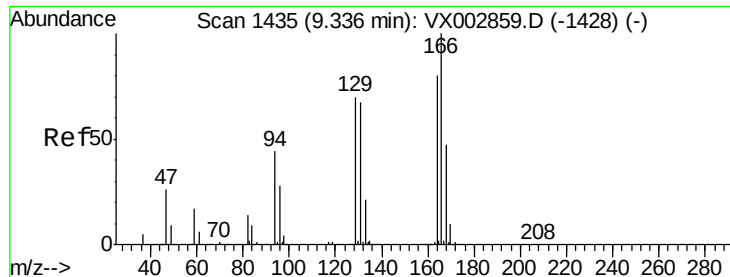


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#64

Tetrachloroethene

Concen: 0.90 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702

Tot Ion:164 Resp: 3567

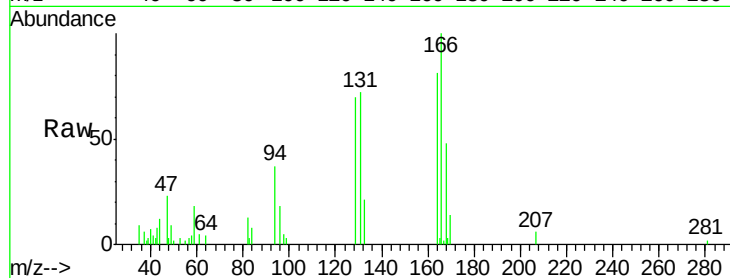
Ion Ratio Lower Upper

164 100

166 123.0 102.9 154.3

129 86.4 68.6 102.8

131 88.5 66.8 100.2

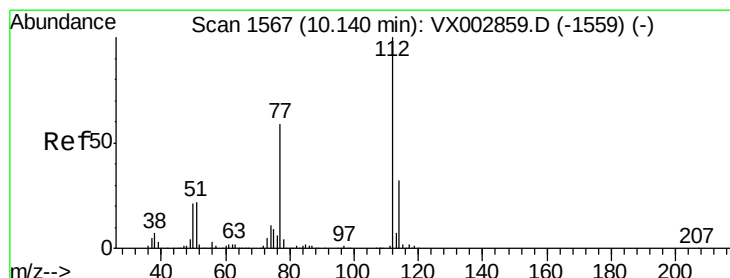
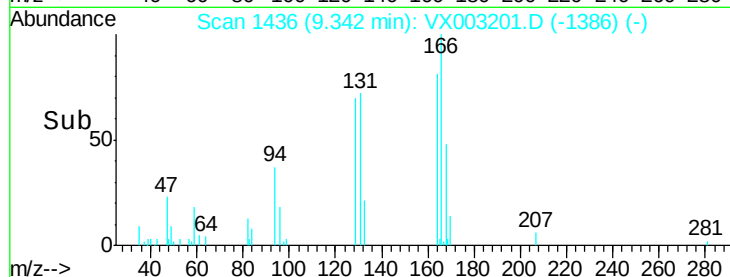
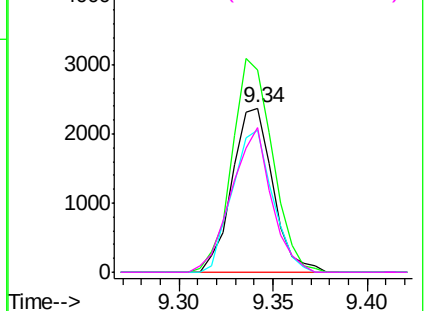


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 182.94 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003201.D

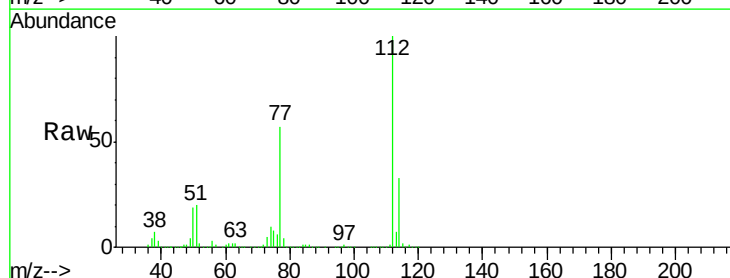
Acq: 06 Jul 2018 05:01

Tgt Ion:112 Resp: 1647828

Ion Ratio Lower Upper

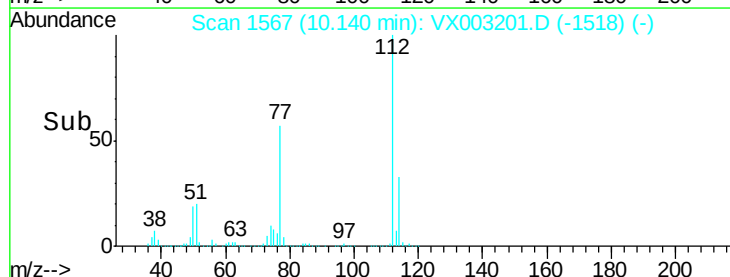
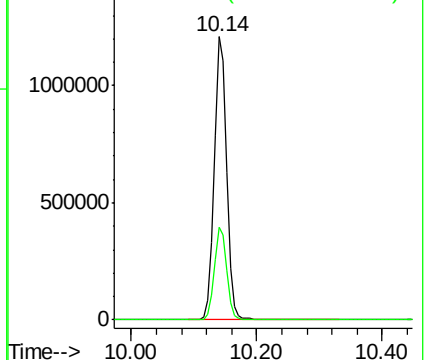
112 100

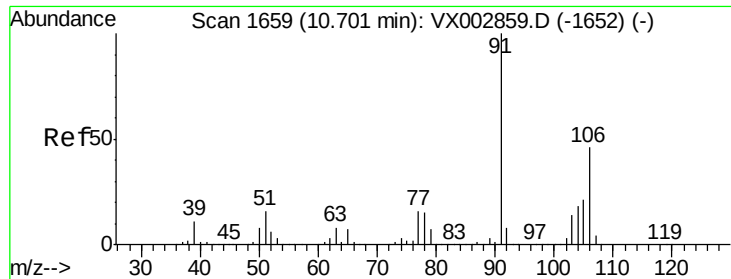
114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

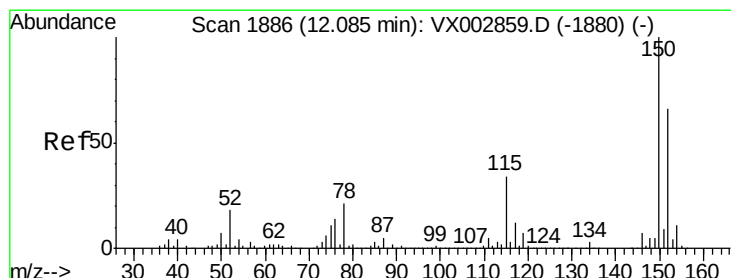
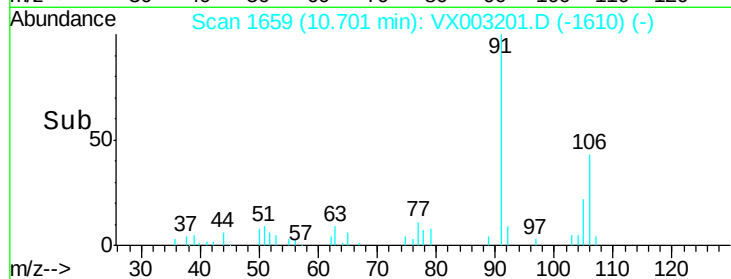
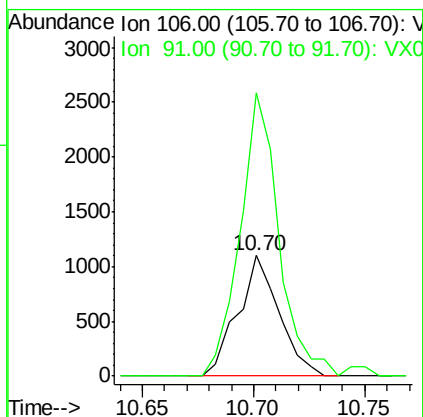
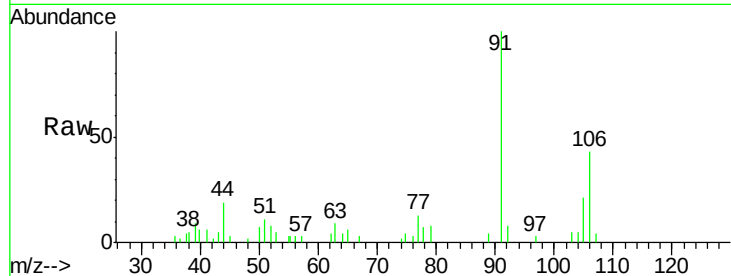




#69
o-Xylene
Concen: 0.25 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

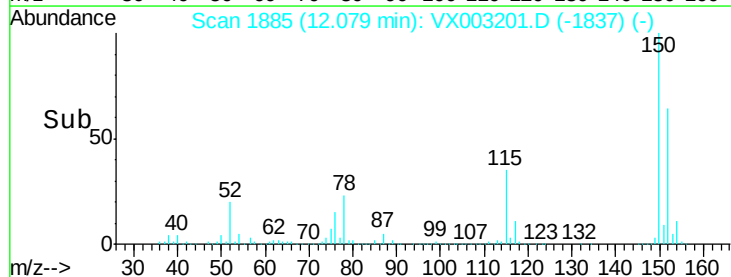
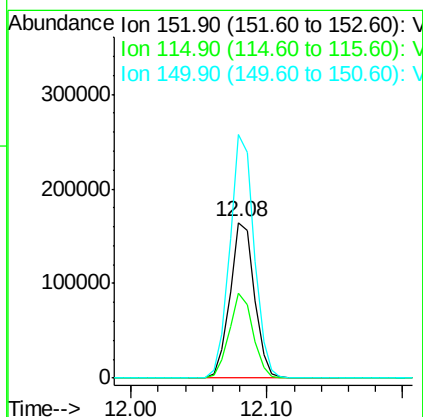
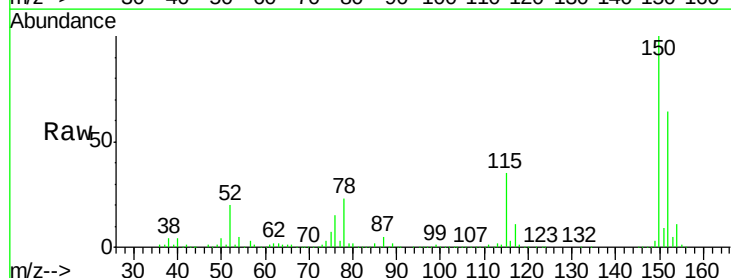
Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702

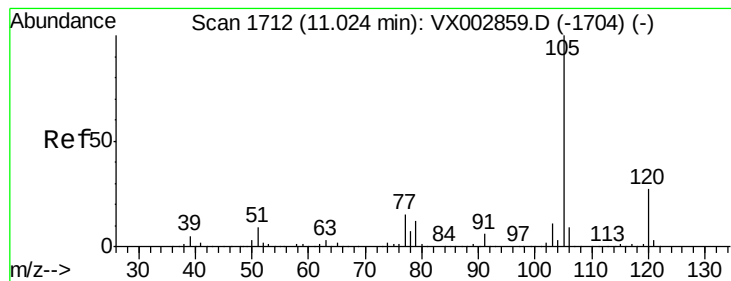
Tot Ion:106 Resp: 1421
Ion Ratio Lower Upper
106 100
91 225.2 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003201.D
Acq: 06 Jul 2018 05:01

Tgt Ion:152 Resp: 205031
Ion Ratio Lower Upper
152 100
115 53.3 40.1 120.2
150 155.8 0.0 347.2





#73

Isopropylbenzene

Concen: 0.24 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

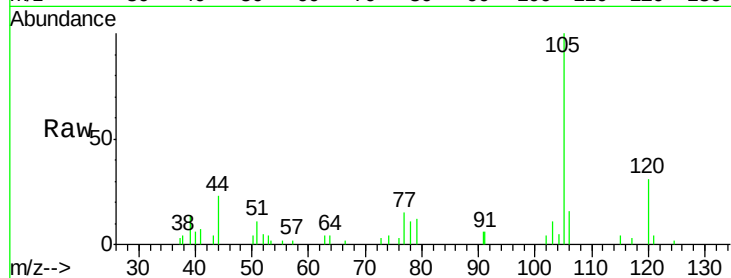
WP022MW357-180702

Tot Ion:105 Resp: 3296

Ion Ratio Lower Upper

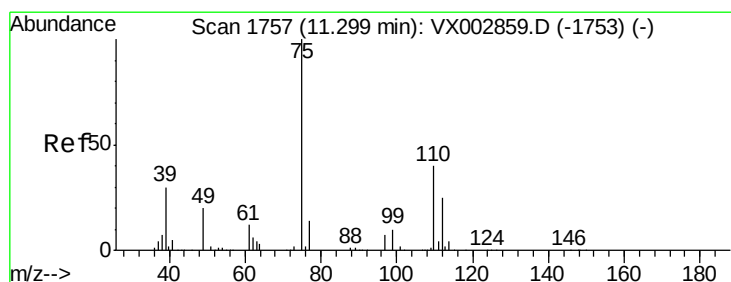
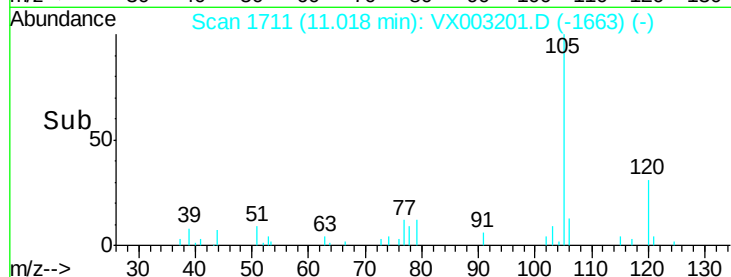
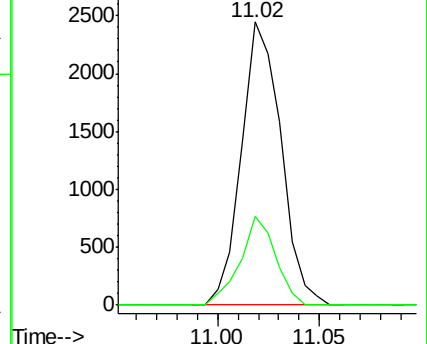
105 100

120 28.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003201.D

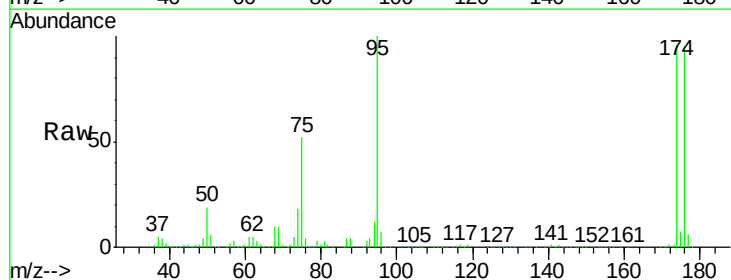
Acq: 06 Jul 2018 05:01

Tgt Ion: 75 Resp: 96721

Ion Ratio Lower Upper

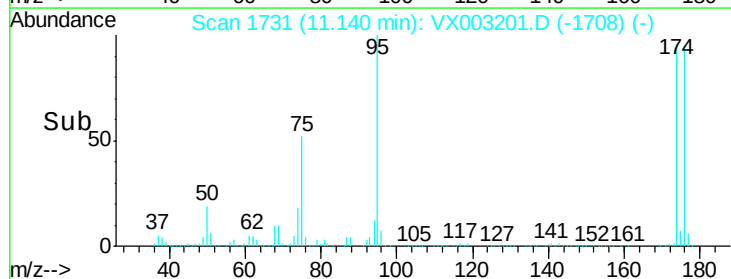
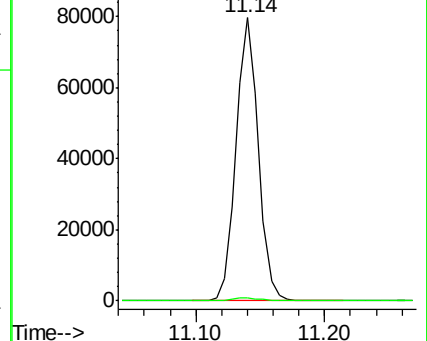
75 100

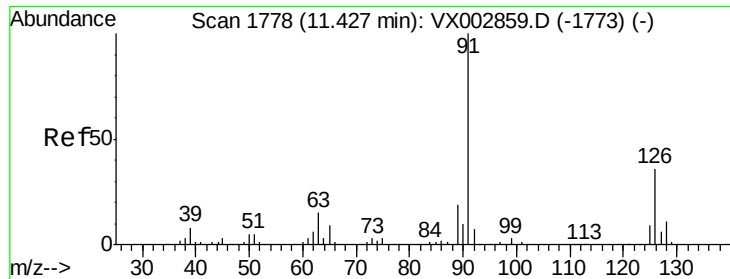
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

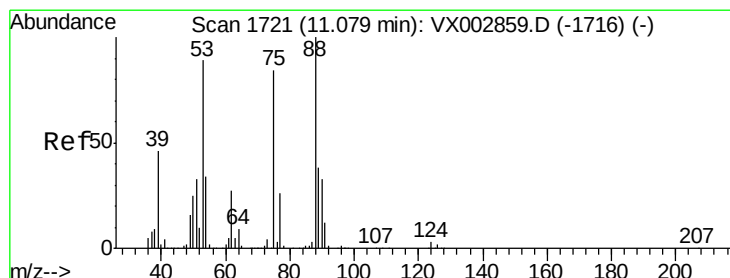
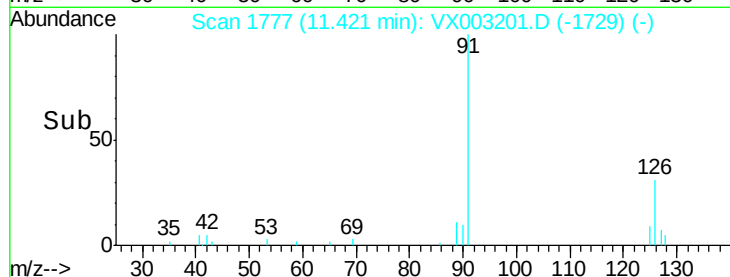
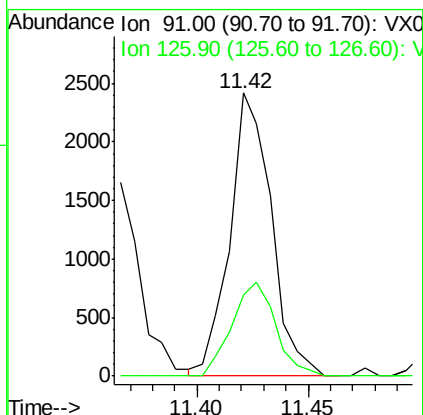
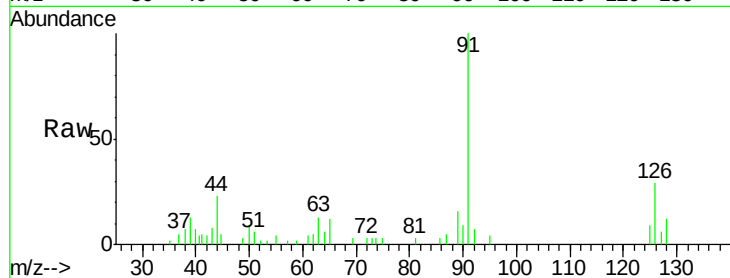




#79
 2-Chlorotoluene
 Concen: 0.33 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

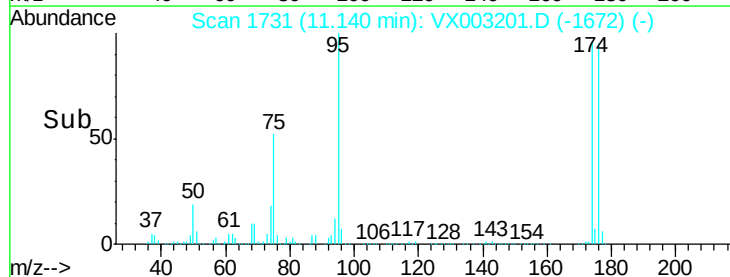
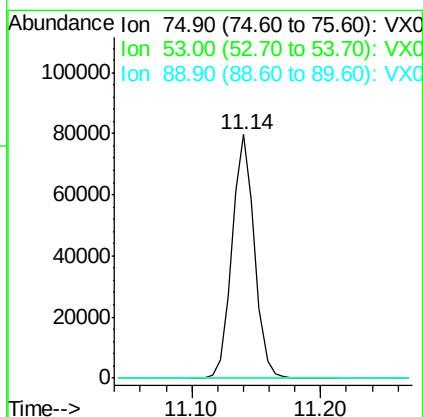
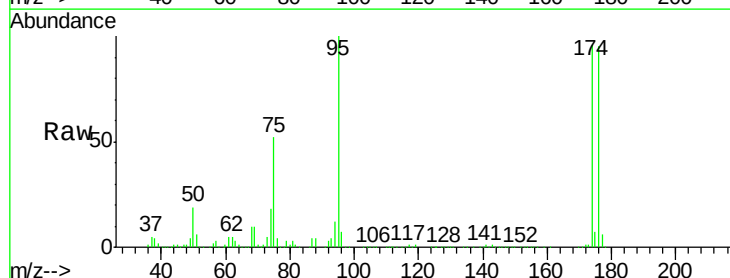
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702

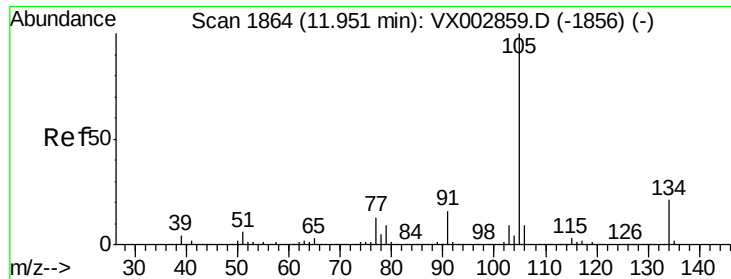
Tot Ion: 91 Resp: 3136
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.7 53.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.84 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

Tgt Ion: 75 Resp: 96721
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.8 130.2#
 89 0.2 38.2 57.2#





#85

sec-Butylbenzene

Concen: 0.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

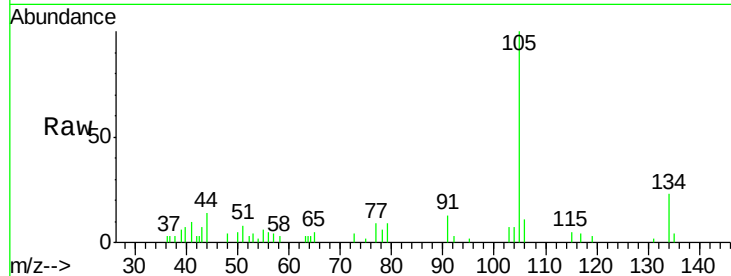
WP022MW357-180702

Tot Ion:105 Resp: 2909

Ion Ratio Lower Upper

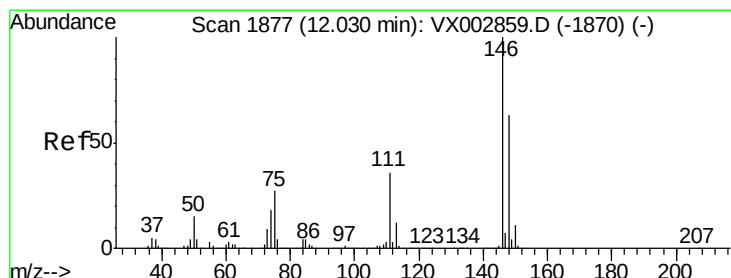
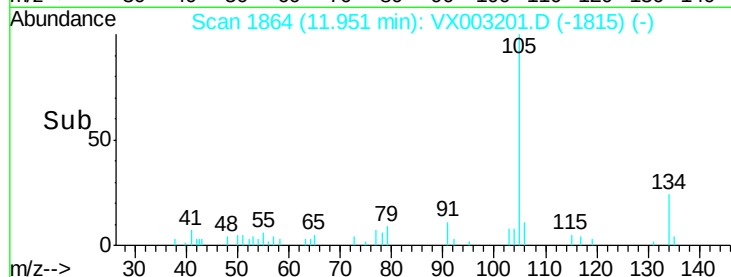
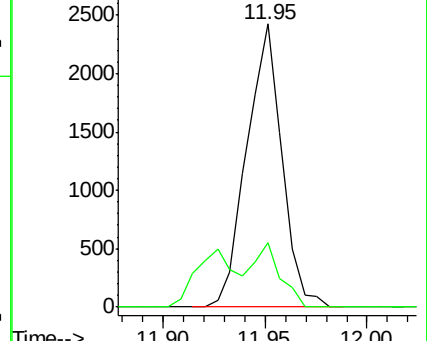
105 100

134 17.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.66 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

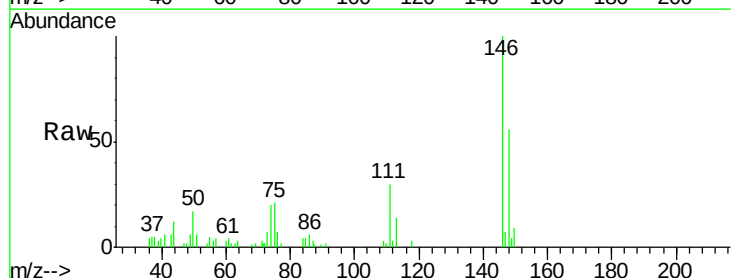
Tgt Ion:146 Resp: 4734

Ion Ratio Lower Upper

146 100

111 33.8 18.9 56.7

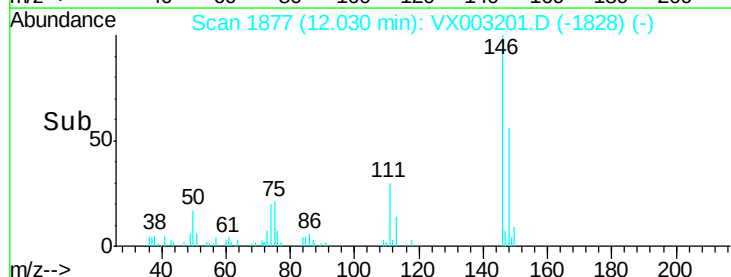
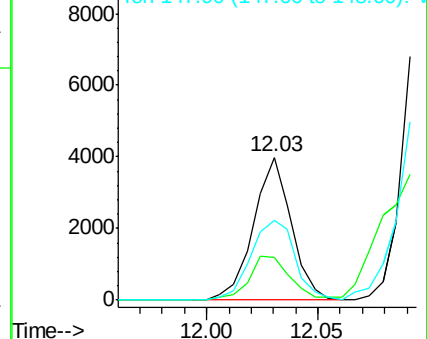
148 64.8 32.1 96.3

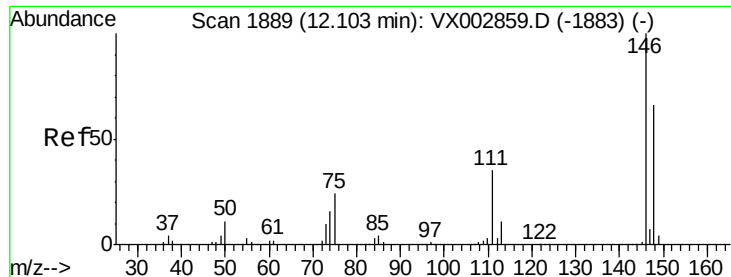


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.25 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003201.D

Acq: 06 Jul 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702

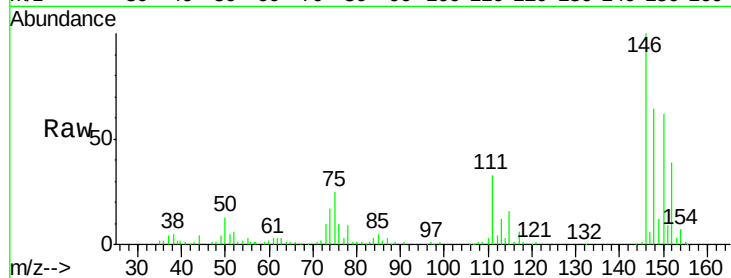
Tot Ion:146 Resp: 16614

Ion Ratio Lower Upper

146 100

111 50.8 18.7 56.1

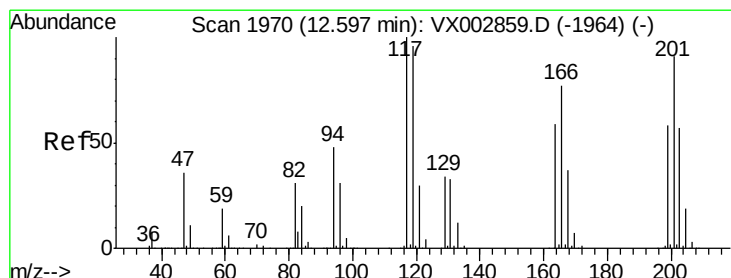
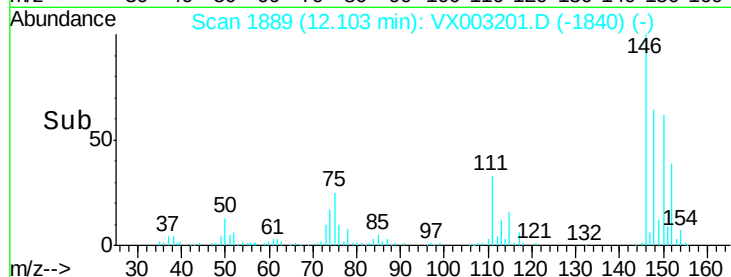
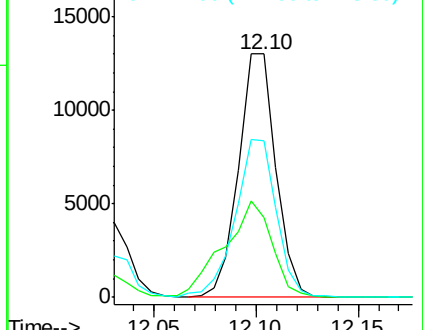
148 71.4 32.4 97.0



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



#90

Hexachloroethane

Concen: 1.00 ug/l

RT: 12.76 min Scan# 1996

Delta R.T. 0.16 min

Lab File: VX003201.D

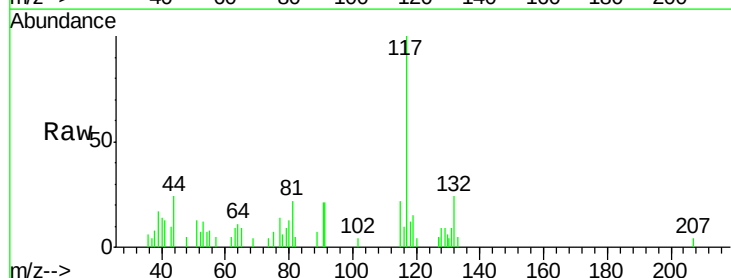
Acq: 06 Jul 2018 05:01

Tgt Ion:117 Resp: 1853

Ion Ratio Lower Upper

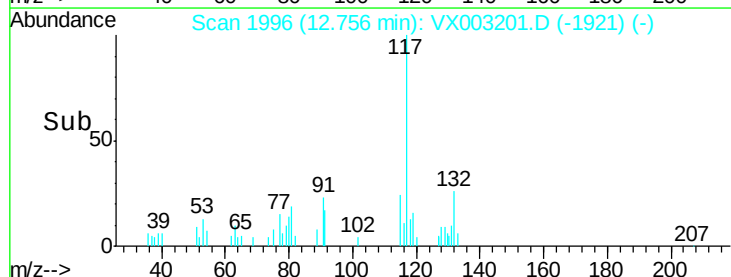
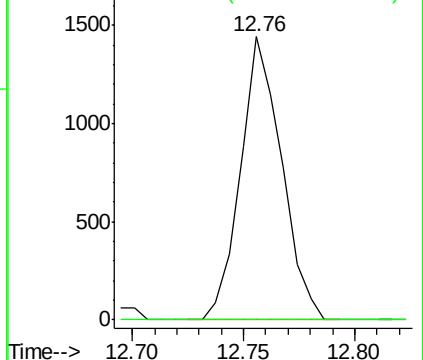
117 100

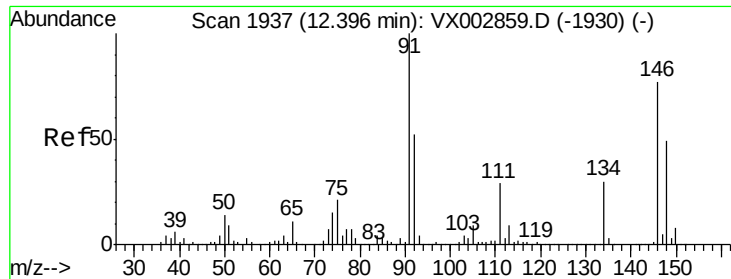
201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

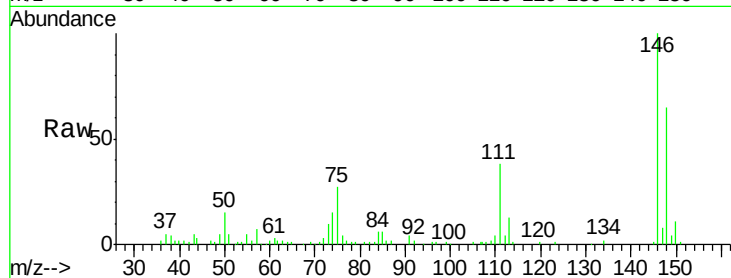




#91
 1,2-Dichlorobenzene
 Concen: 2.14 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003201.D
 Acq: 06 Jul 2018 05:01

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702

Tot Ion:146 Resp: 15477
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.1
 148 67.1 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

