

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001204.D
 Acq On : 28 Apr 2018 06:31
 Operator : JC/MD
 Sample : J2507-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW002-180419

Quant Time: Apr 28 07:14:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	268947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	144145	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	152517	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
35) Dibromofluoromethane	5.51	113	120202	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	8.72	98	460347	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
62) 4-Bromofluorobenzene	11.14	95	159409	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	

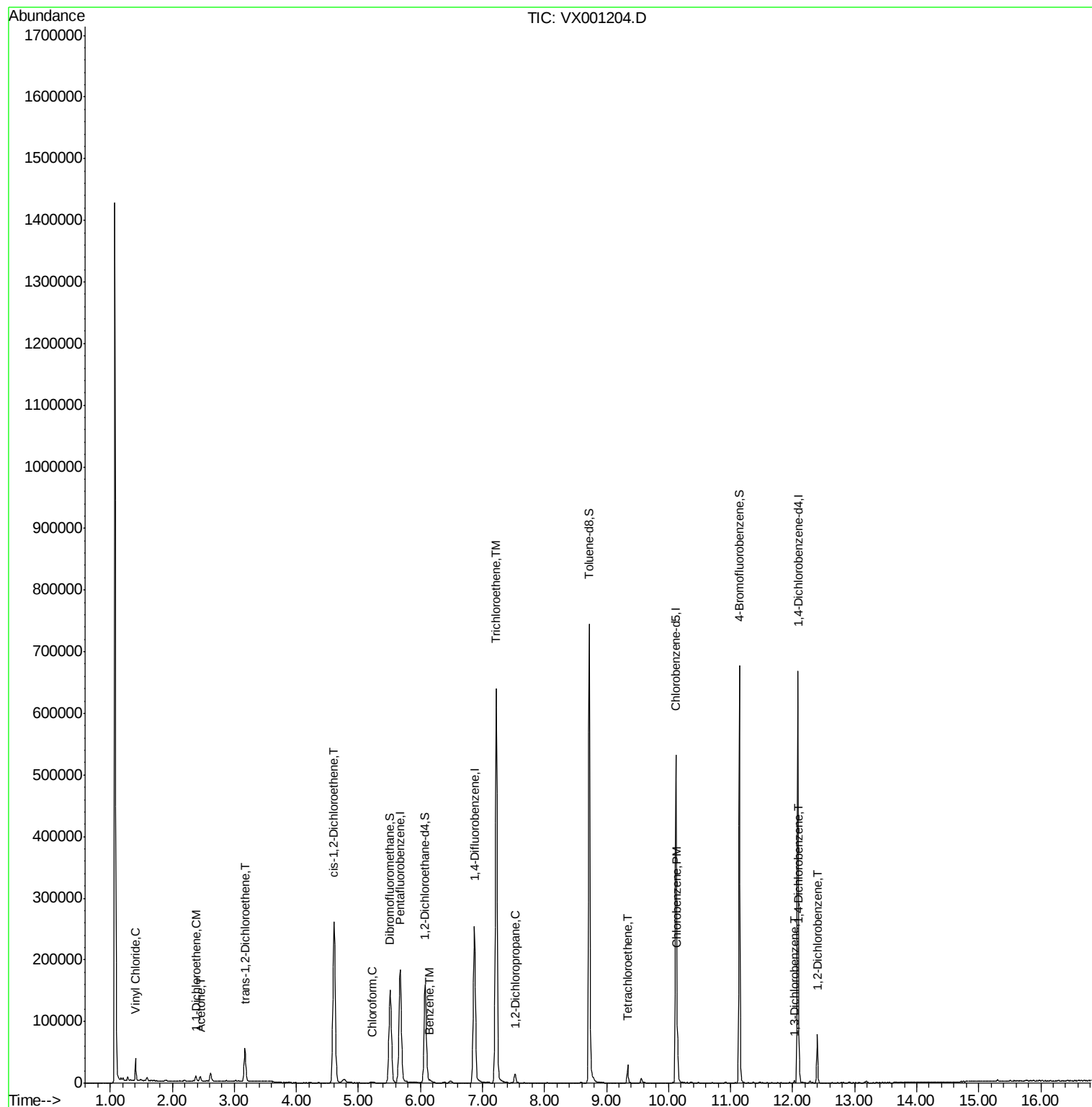
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	24476	10.78	ug/l	98
12) 1,1-Dichloroethene	2.38	96	2711	1.38	ug/l	97
16) Acetone	2.45	43	7386	5.95	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	22286	10.23	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	166480	69.81	ug/l	89
30) Chloroform	5.23	83	1760	0.44	ug/l	95
40) Benzene	6.15	78	4557	0.53	ug/l	99
44) Trichloroethene	7.22	130	256683	100.50	ug/l	95
45) 1,2-Dichloropropane	7.52	63	5377	2.38	ug/l	93
64) Tetrachloroethene	9.34	164	5693	2.14	ug/l	97
65) Chlorobenzene	10.14	112	27149	4.17	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1521	0.30	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	14787	2.84	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	24676	4.88	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA_X

ClientSampleId :

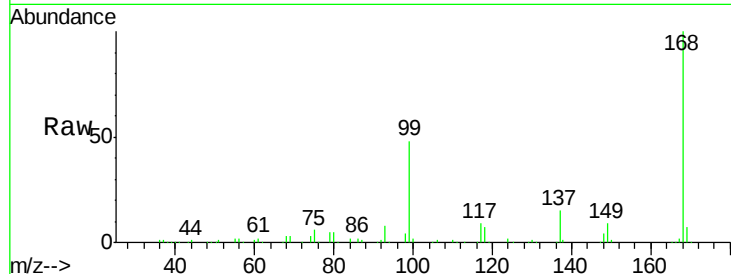
LF001MW002-180419

Tot Ion:168 Resp: 194845

Ion Ratio Lower Upper

168 100

99 48.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

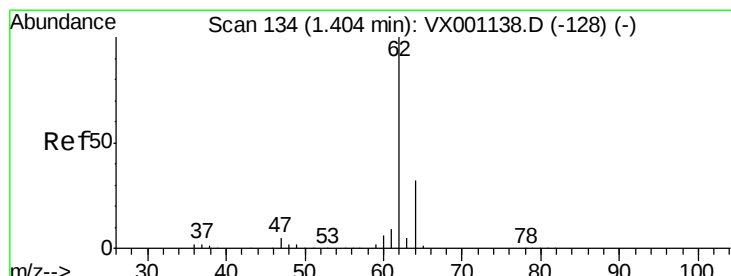
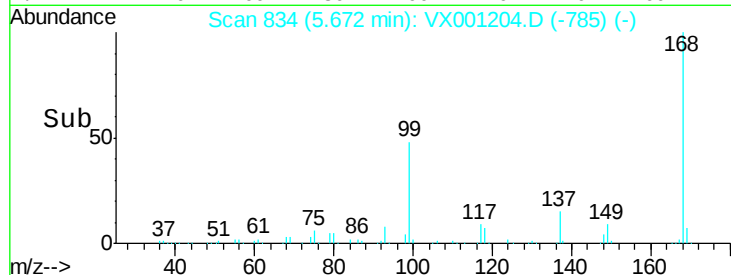
40000

20000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 10.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001204.D

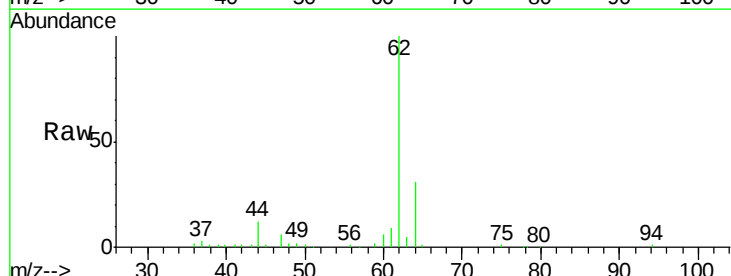
Acq: 28 Apr 2018 06:31

Tgt Ion: 62 Resp: 24476

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

25000

20000

15000

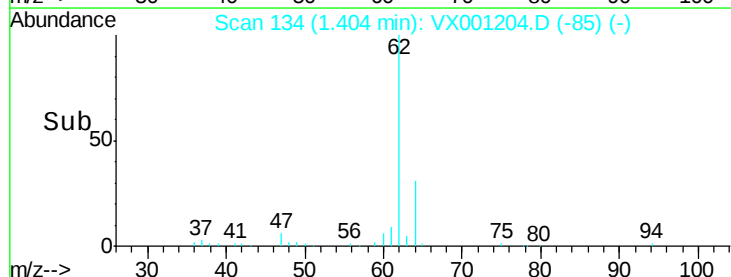
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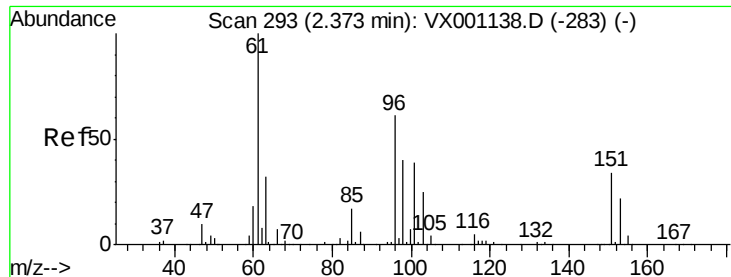
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0

Time-->

1.35 1.40 1.45 1.50

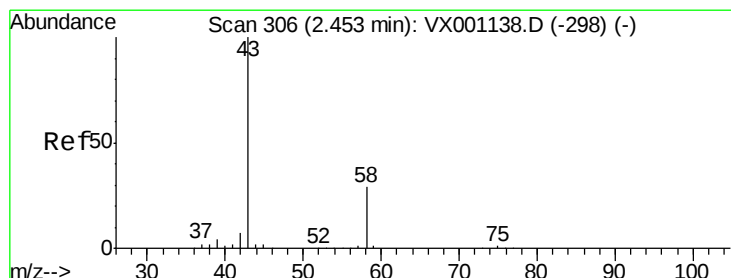
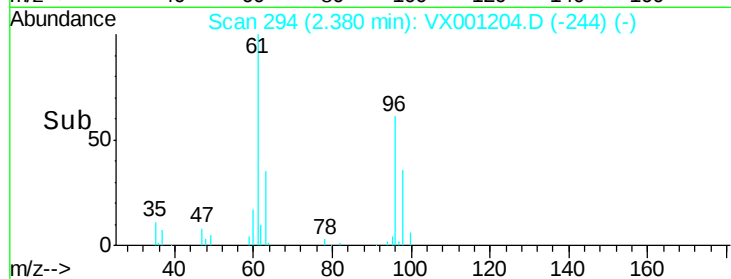
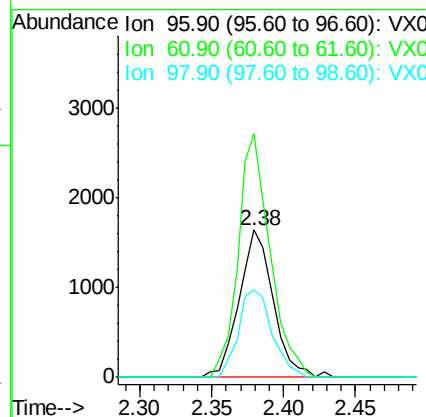
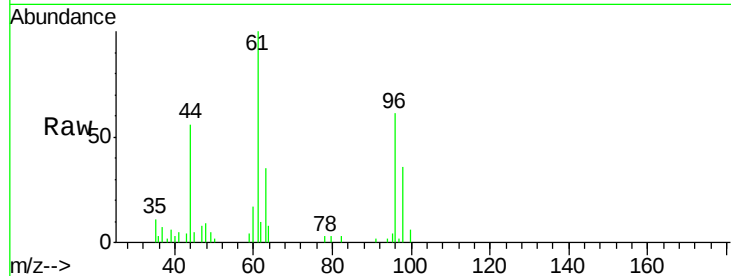




#12
 1,1-Dichloroethene
 Concen: 1.38 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

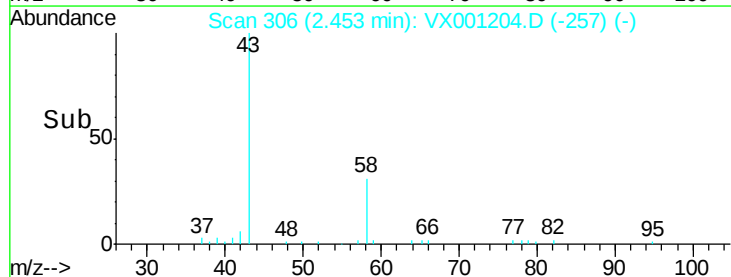
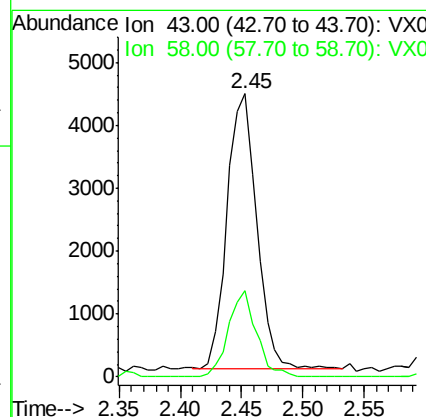
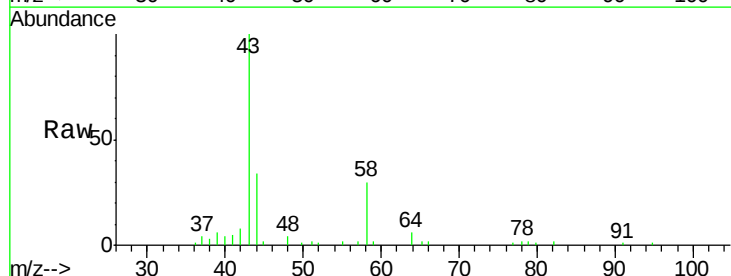
Instrument :
 MSVOA_X
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 LF001MW002-180419

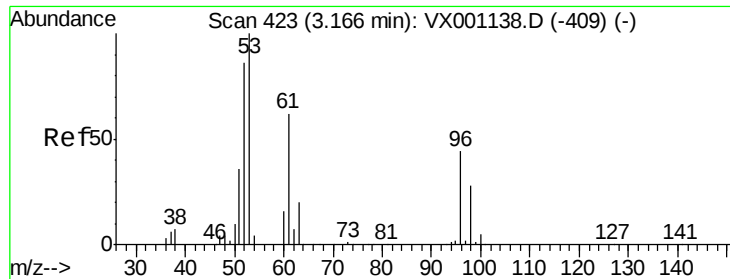
Tot Ion: 96 Resp: 2711
 Ion Ratio Lower Upper
 96 100
 61 165.1 130.2 195.4
 98 58.9 51.5 77.3



#16
 Acetone
 Concen: 5.95 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Tgt Ion: 43 Resp: 7386
 Ion Ratio Lower Upper
 43 100
 58 31.1 23.0 34.6





#21

trans-1,2-Dichloroethene

Concen: 10.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA_X

ClientSampleId :

LF001MW002-180419

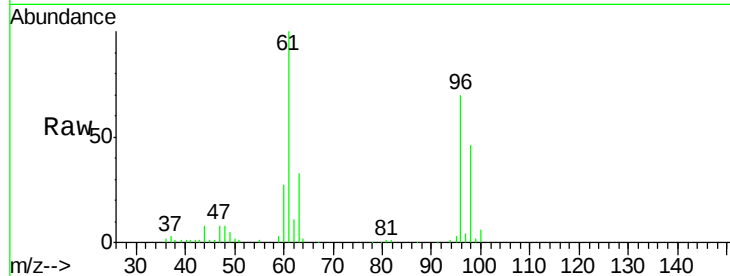
Tot Ion: 96 Resp: 22286

Ion Ratio Lower Upper

96 100

61 142.6 111.9 167.9

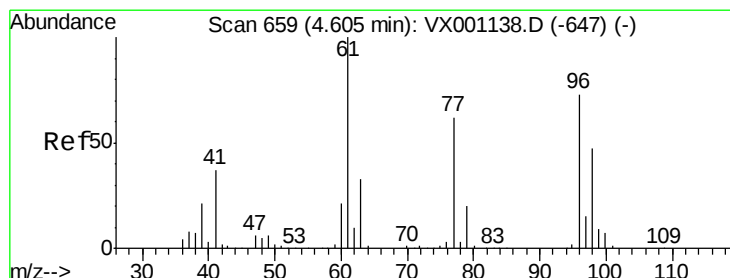
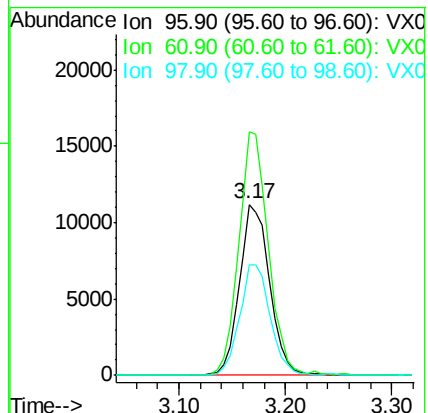
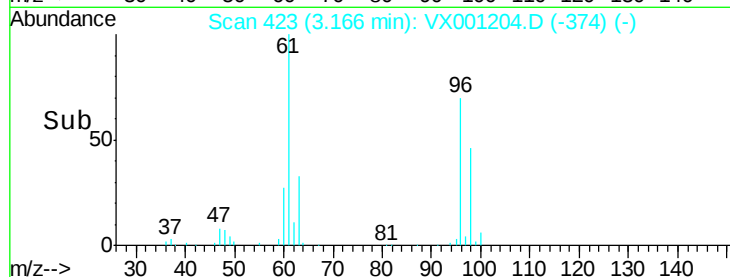
98 65.1 51.1 76.7



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



#27

cis-1,2-Dichloroethene

Concen: 69.81 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

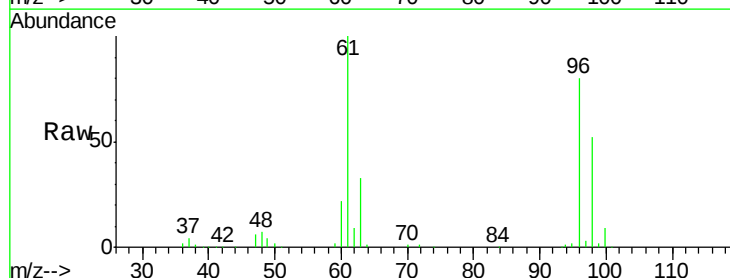
Tgt Ion: 96 Resp: 166480

Ion Ratio Lower Upper

96 100

61 125.3 0.0 289.0

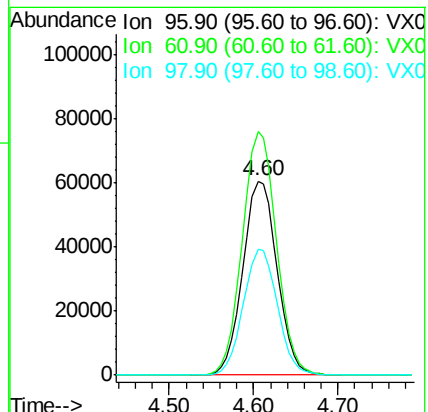
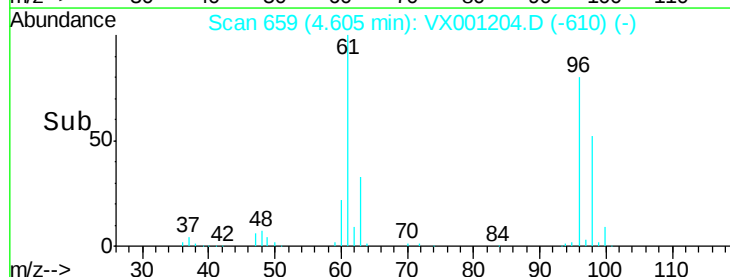
98 64.9 0.0 128.2

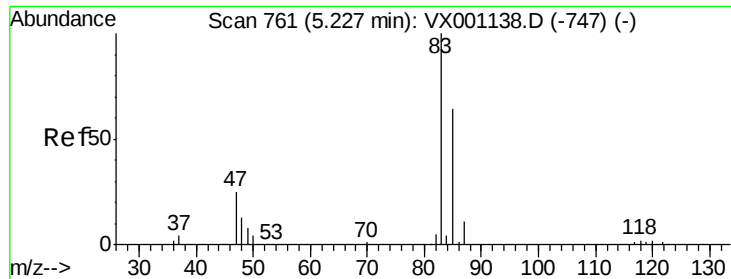


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

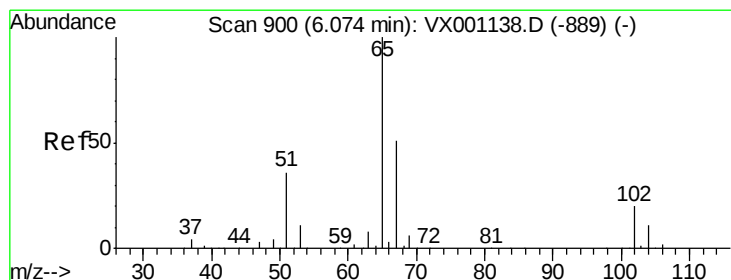
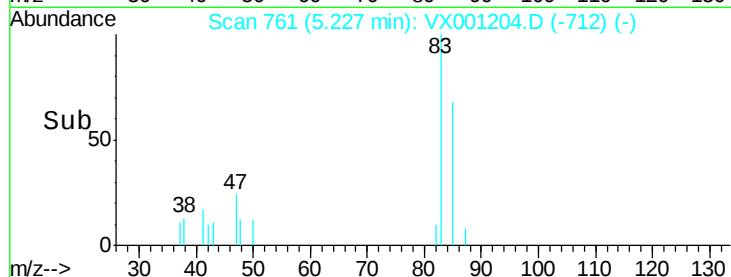
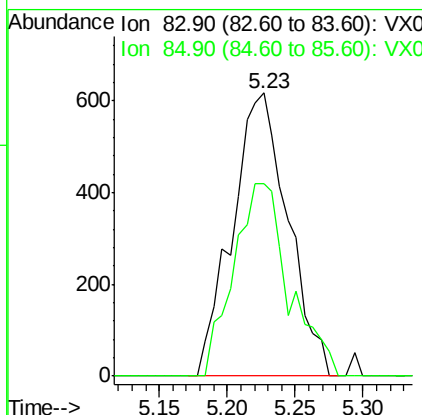
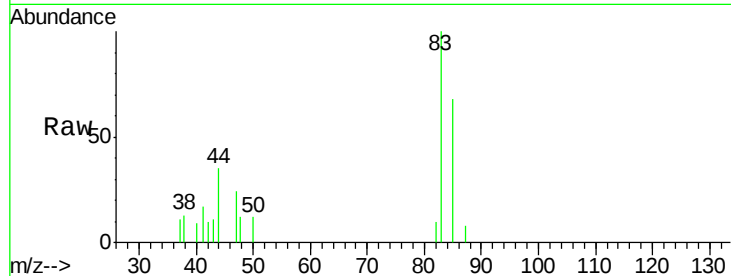




#30
 Chloroform
 Concen: 0.44 ug/l
 RT: 5.23 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

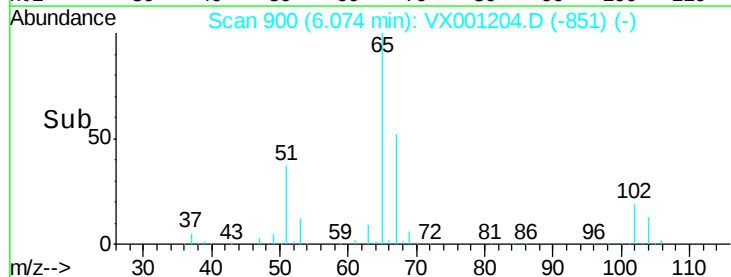
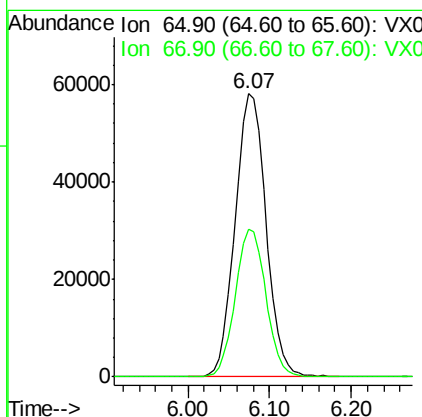
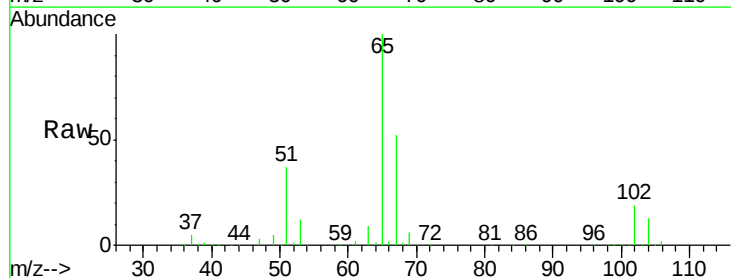
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW002-180419

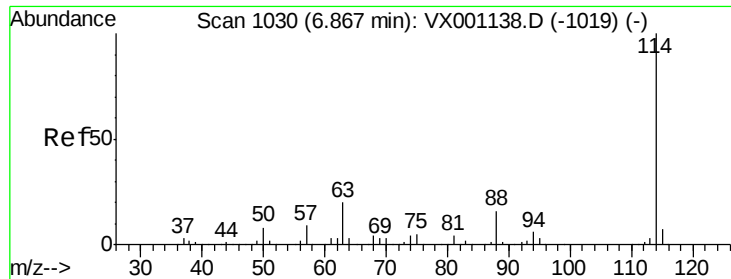
Tot Ion: 83 Resp: 1760
 Ion Ratio Lower Upper
 83 100
 85 67.9 51.4 77.0



#33
 1,2-Dichloroethane-d4
 Concen: 50.50 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Tgt Ion: 65 Resp: 152517
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.2

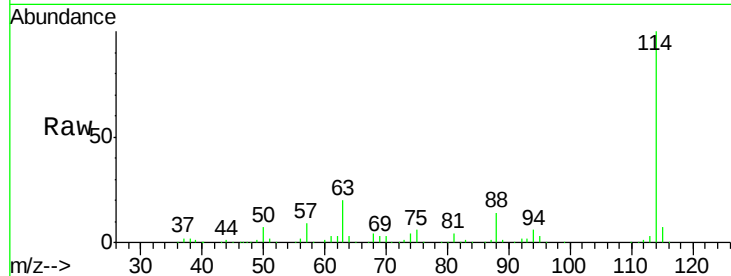




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW002-180419

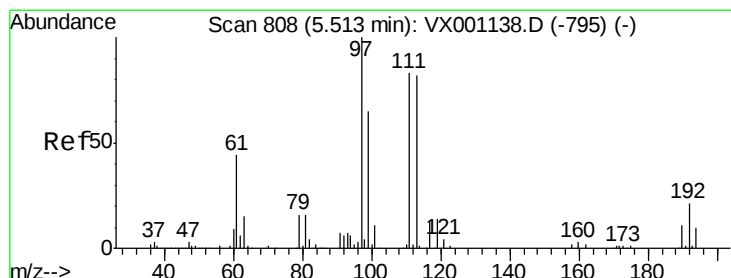
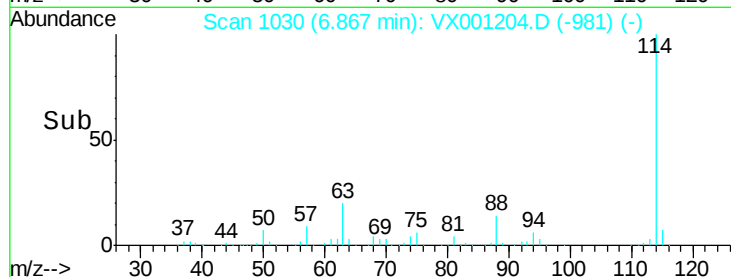
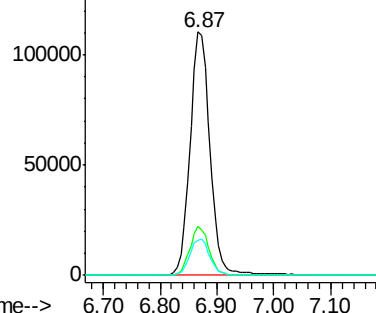
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.4
88	14.2	0.0	31.8



Abundance Ion 113.90 (113.60 to 114.60): V

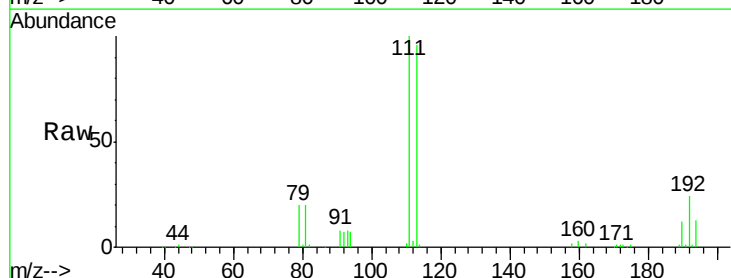
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 54.00 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

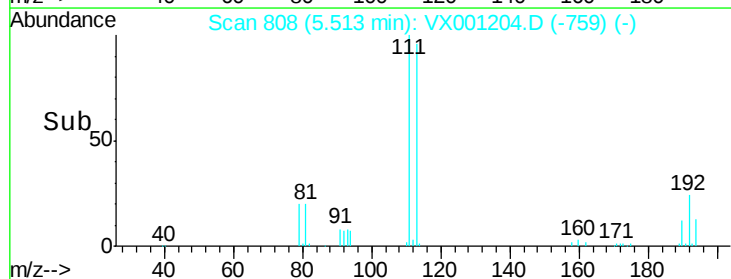
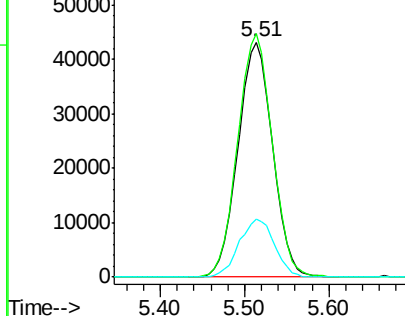
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	25.2	20.6	30.8

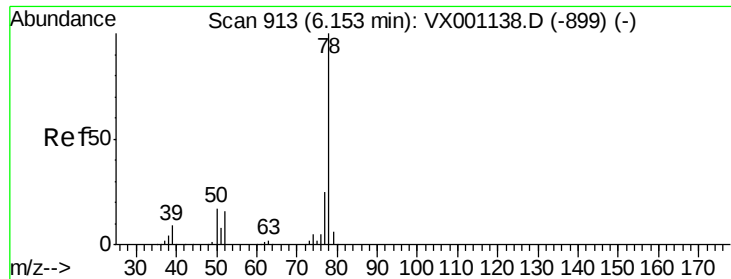


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.53 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA_X

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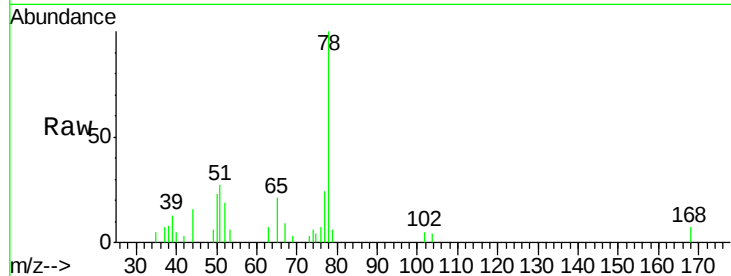
LF001MW002-180419

Tot Ion: 78 Resp: 4557

Ion Ratio Lower Upper

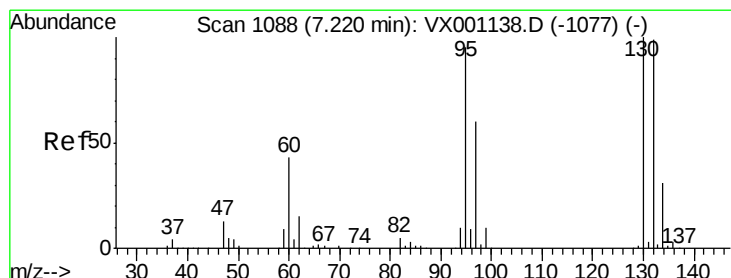
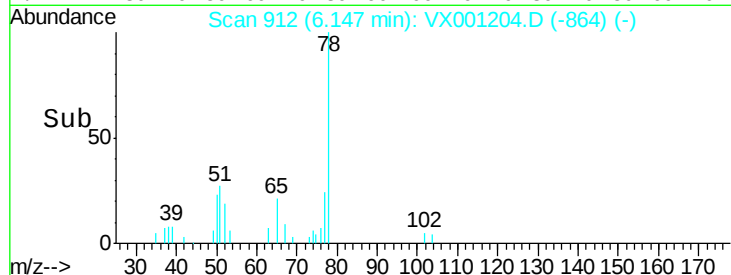
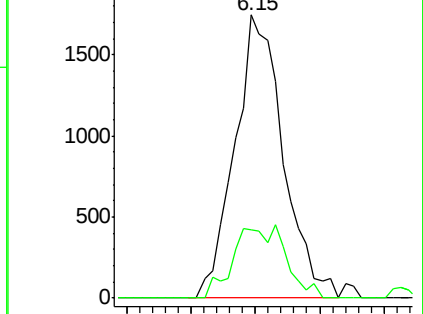
78 100

77 24.1 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX001138.D (-899) (-)

Ion 77.00 (76.70 to 77.70): VX001138.D (-899) (-)



#44

Trichloroethene

Concen: 100.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001204.D

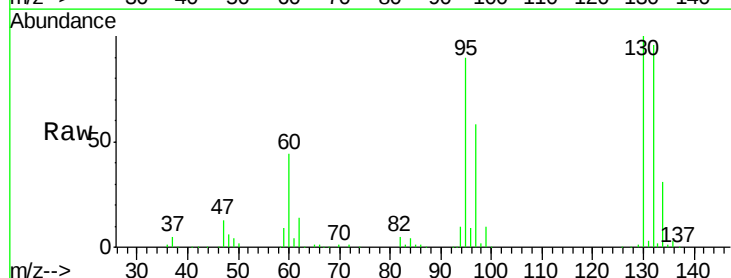
Acq: 28 Apr 2018 06:31

Tgt Ion:130 Resp: 256683

Ion Ratio Lower Upper

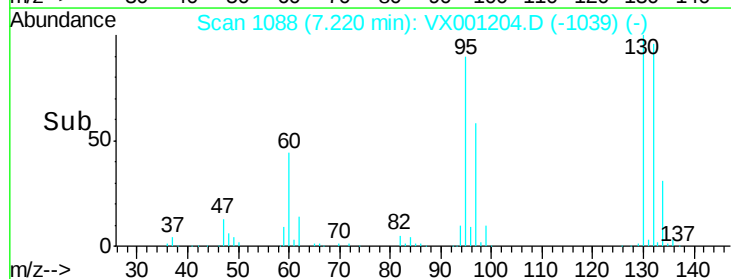
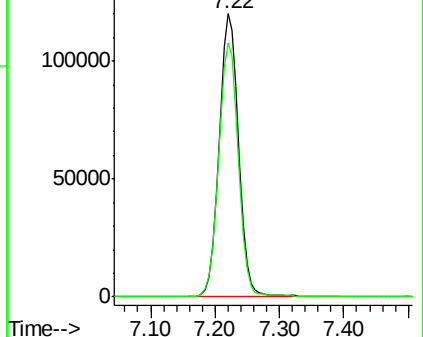
130 100

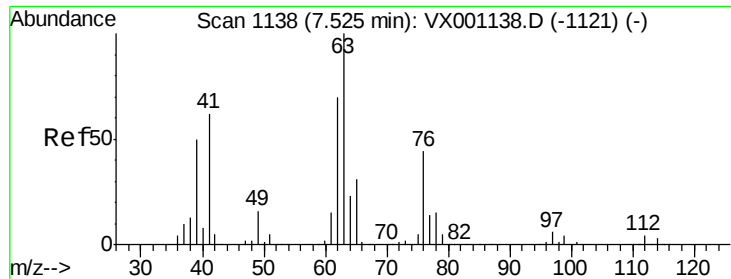
95 89.9 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001138.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001138.D (-1077) (-)

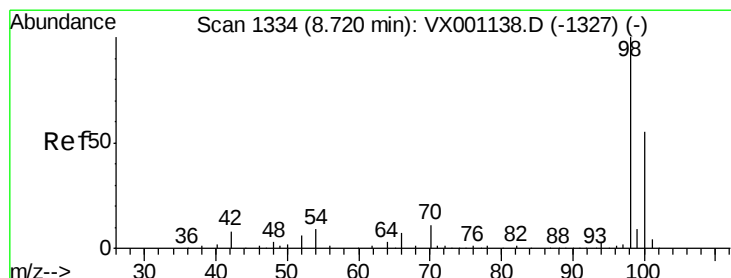
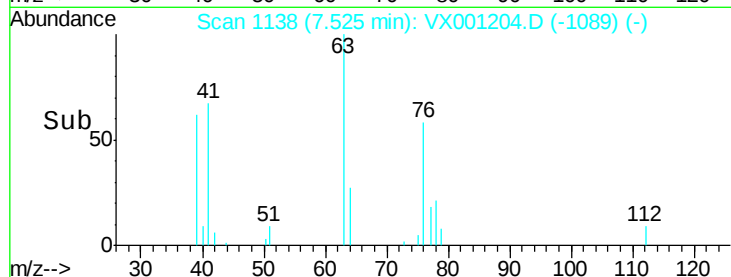
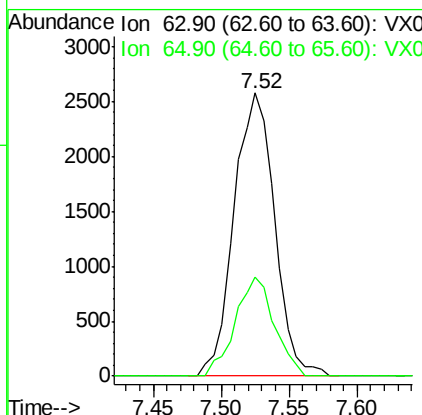
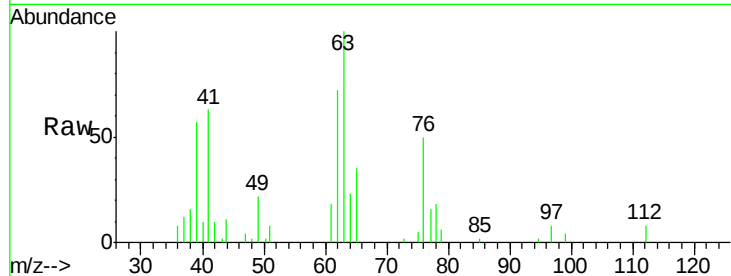




#45
 1,2-Dichloropropane
 Concen: 2.38 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

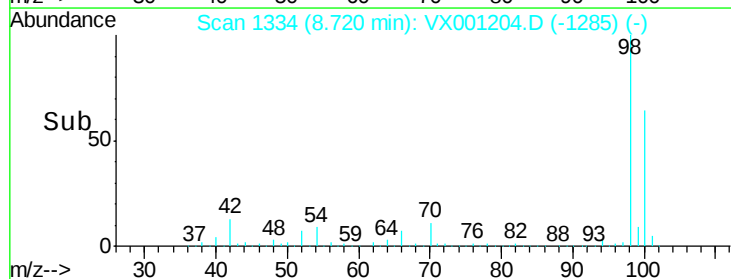
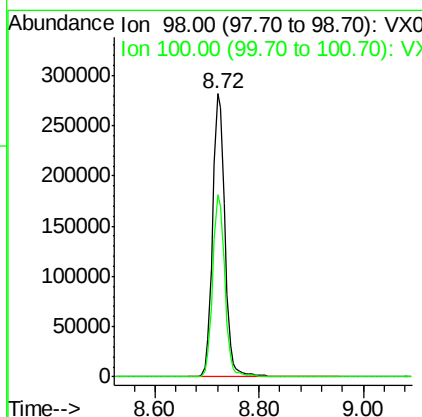
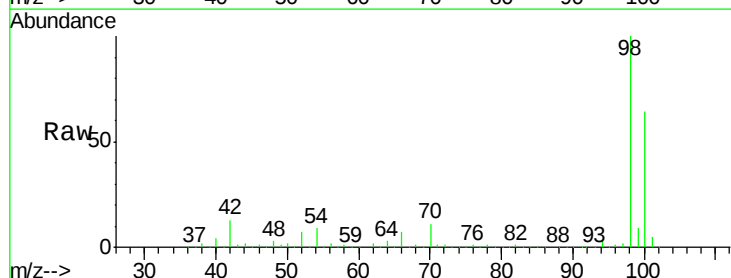
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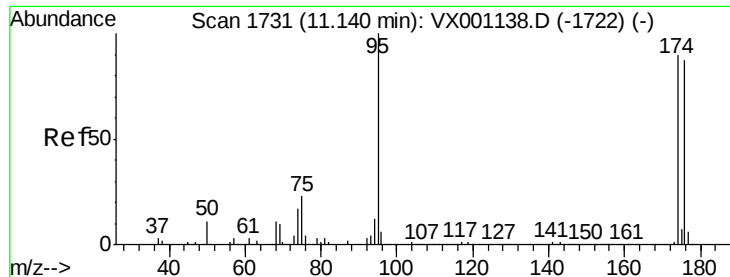
Tot Ion: 63 Resp: 5377
 Ion Ratio Lower Upper
 63 100
 65 35.2 24.9 37.3



#50
 Toluene-d8
 Concen: 54.80 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Tgt Ion: 98 Resp: 460347
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.8 77.6

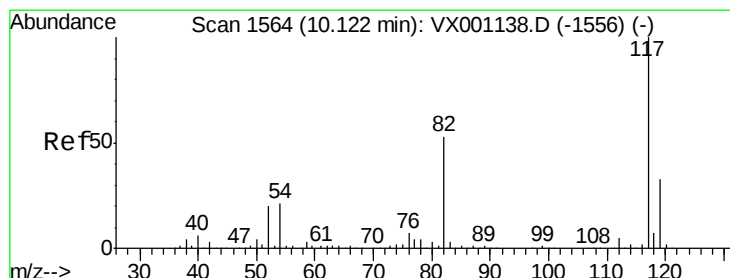
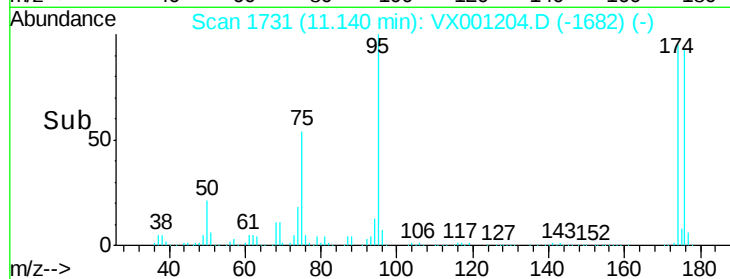
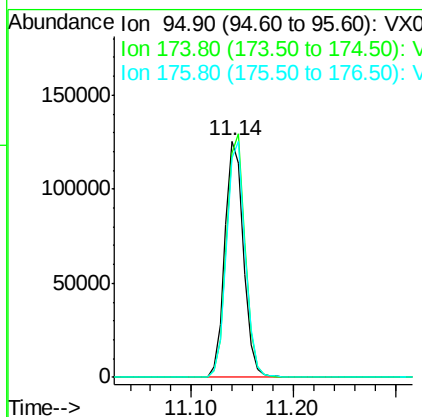
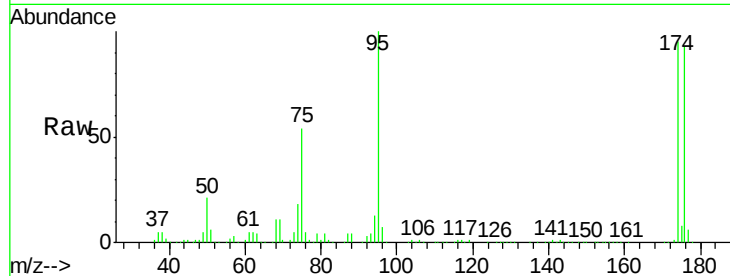




#62
 4-Bromofluorobenzene
 Concen: 48.57 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

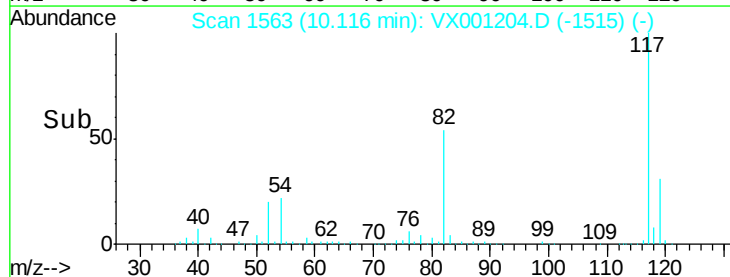
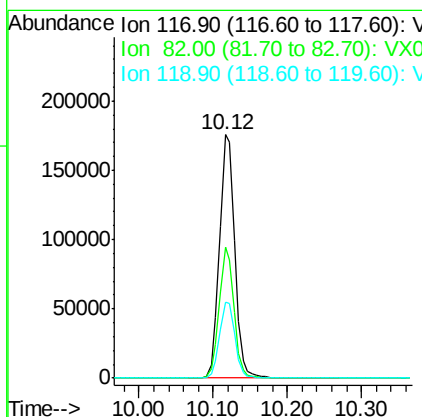
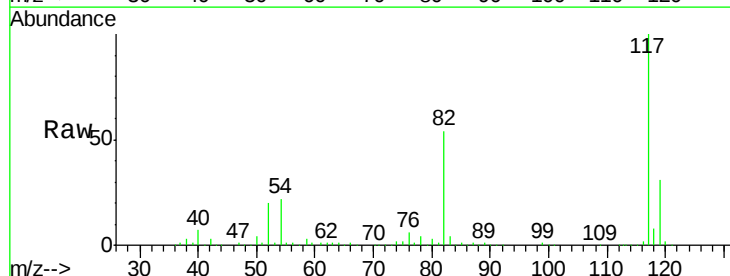
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW002-180419

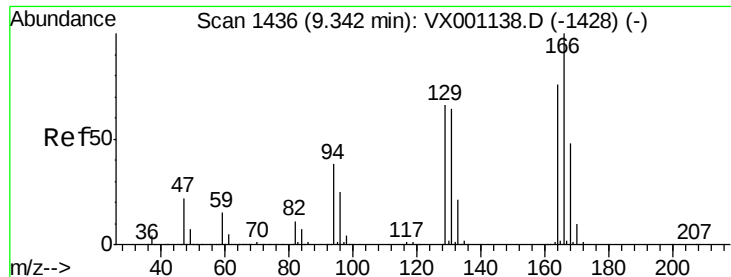
Tot Ion: 95 Resp: 159409
 Ion Ratio Lower Upper
 95 100
 174 102.1 0.0 194.4
 176 99.4 0.0 190.2



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Tgt Ion: 117 Resp: 248646
 Ion Ratio Lower Upper
 117 100
 82 53.8 42.1 63.1
 119 31.4 26.1 39.1

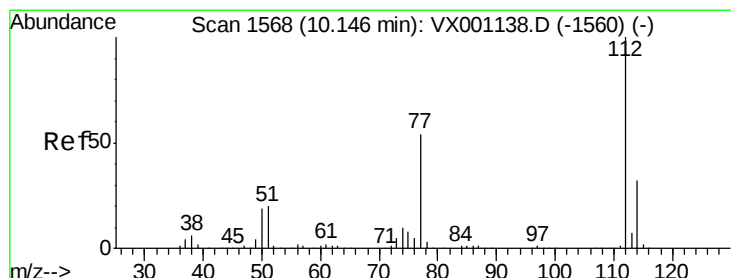
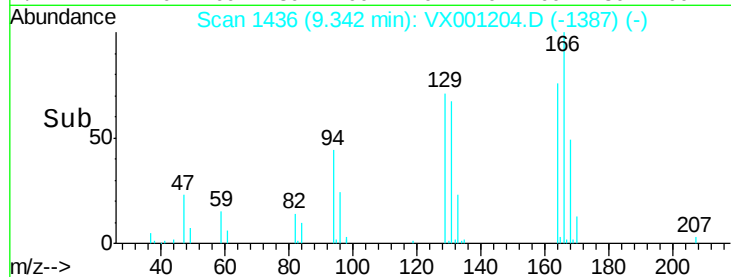
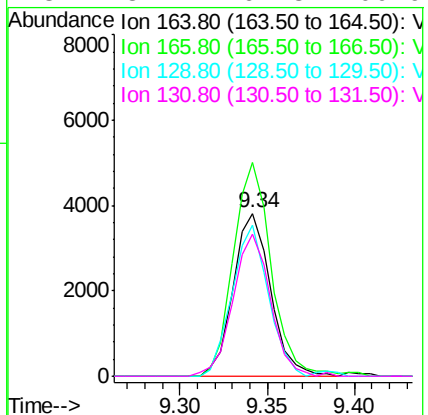
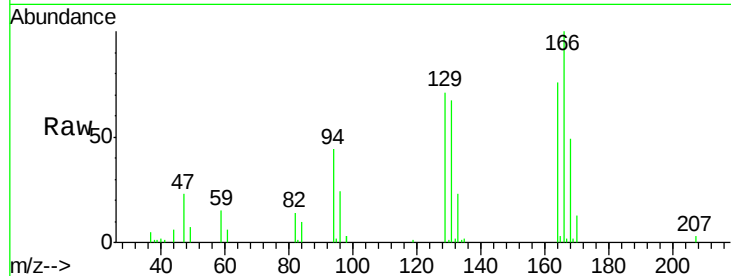




#64
 Tetrachloroethene
 Concen: 2.14 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

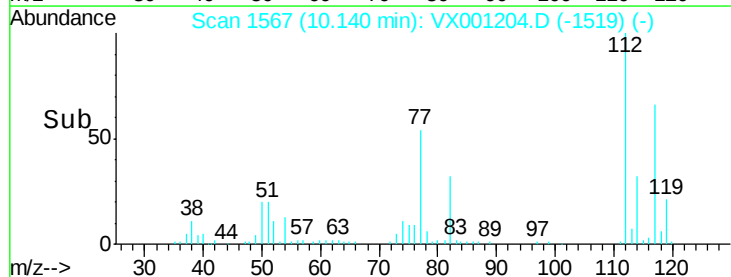
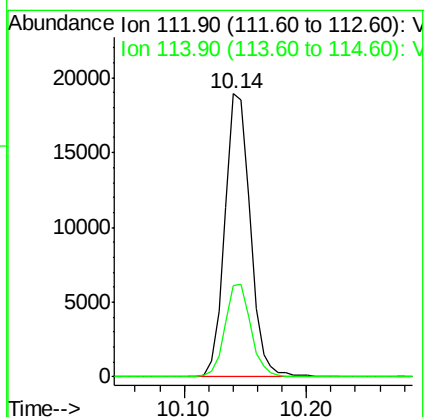
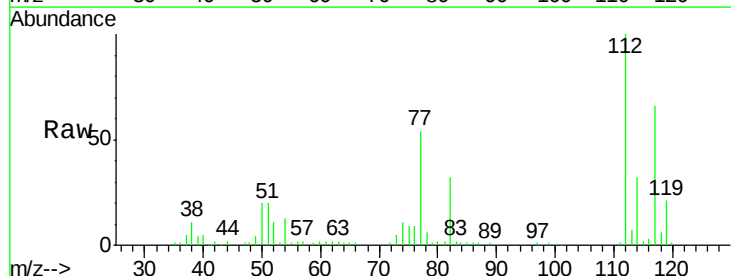
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW002-180419

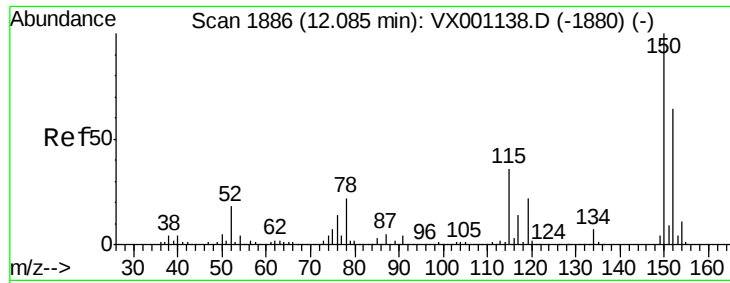
Tot Ion:	164	Resp:	5693
Ion	Ratio	Lower	Upper
164	100		
166	131.1	105.0	157.6
129	92.6	69.4	104.2
131	87.4	67.3	100.9



#65
 Chlorobenzene
 Concen: 4.17 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Tgt Ion:	112	Resp:	27149
Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

Instrument :

MSVOA_X

ClientSampleId :

LF001MW002-180419

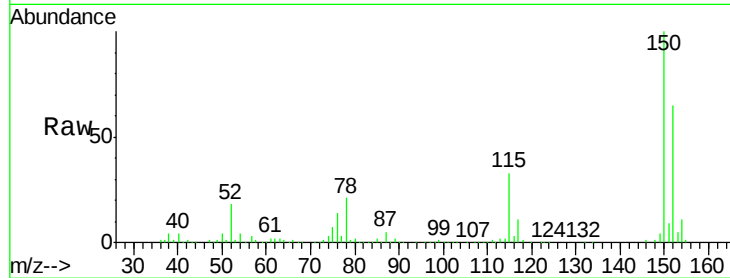
Tot Ion:152 Resp: 144145

Ion Ratio Lower Upper

152 100

115 51.6 38.0 114.0

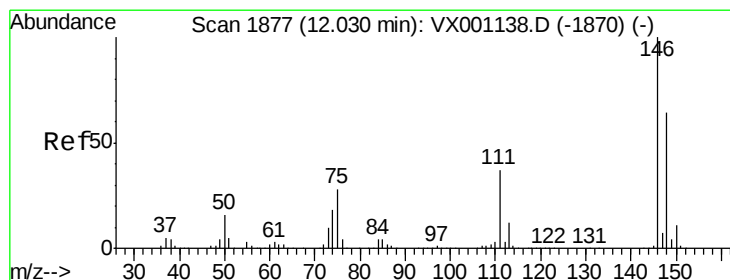
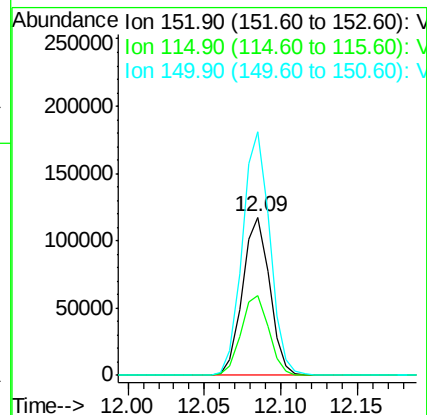
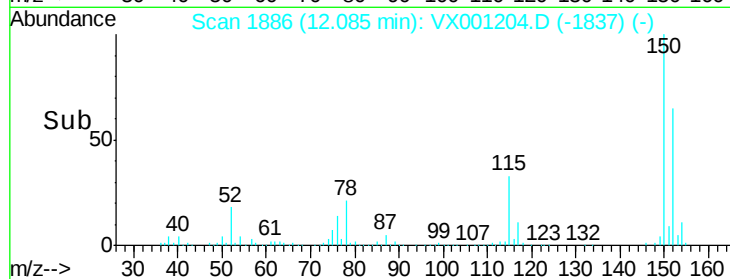
150 156.7 0.0 349.6



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



#87

1,3-Dichlorobenzene

Concen: 0.30 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001204.D

Acq: 28 Apr 2018 06:31

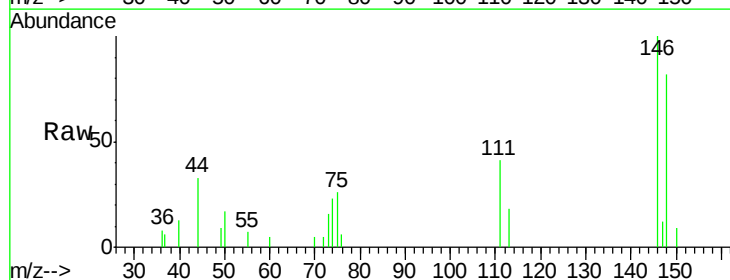
Tgt Ion:146 Resp: 1521

Ion Ratio Lower Upper

146 100

111 34.3 18.6 56.0

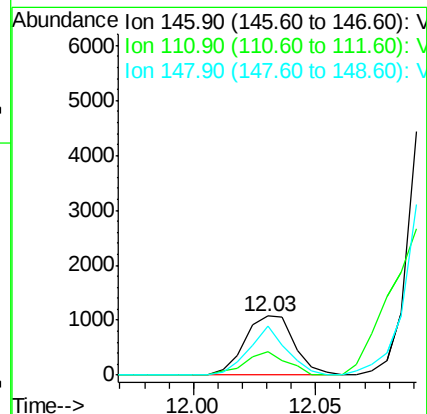
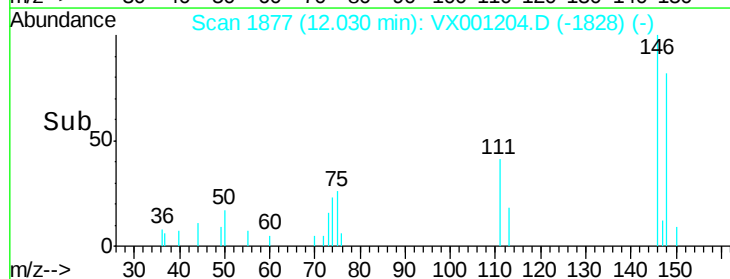
148 62.8 32.3 96.8

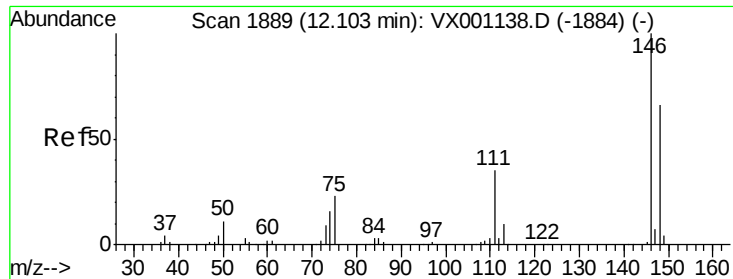


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

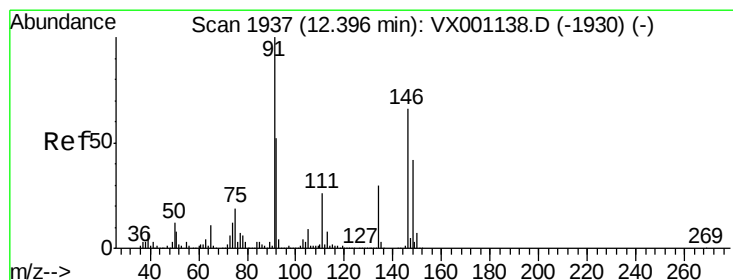
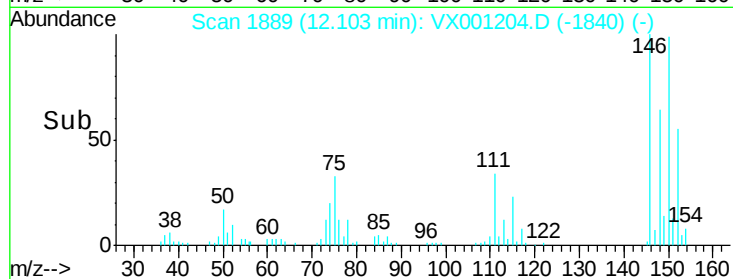
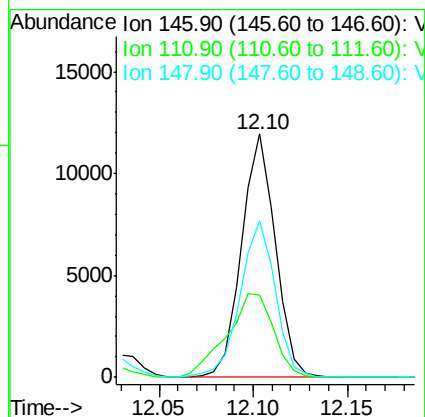
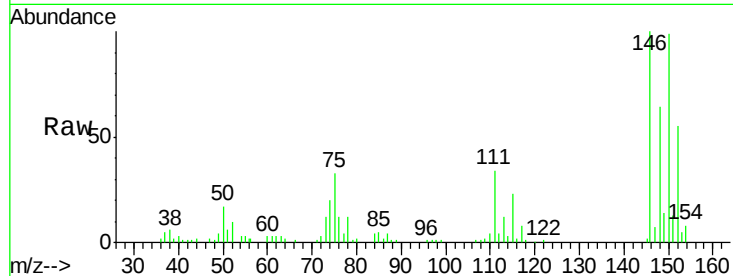




#88
 1,4-Dichlorobenzene
 Concen: 2.84 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW002-180419

Tot Ion:146 Resp: 14787
 Ion Ratio Lower Upper
 146 100
 111 47.7 18.0 54.0
 148 67.1 32.5 97.5



#91
 1,2-Dichlorobenzene
 Concen: 4.88 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001204.D
 Acq: 28 Apr 2018 06:31

Tgt Ion:146 Resp: 24676
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.3
 148 62.6 32.2 96.6

