

Data File : VX001245.D
Acq On : 29 Apr 2018 05:35
Operator : JC/MD
Sample : J2600-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW313S-20180425

Quant Time: Apr 30 01:45:14 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	185330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	253829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	229670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128270	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140376	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	112525	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	8.72	98	425820	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
62) 4-Bromofluorobenzene	11.14	95	139979	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	144	Below Cal		83
10) Methyl Iodide	2.53	142	130	7.29 ug/l #		41
11) Tert butyl alcohol	3.03	59	503	0.89 ug/l #		85
16) Acetone	2.45	43	5738	4.86 ug/l		97
20) Methylene Chloride	2.87	84	603	0.27 ug/l #		86
31) Cyclohexane	5.67	56	3213	1.05 ug/l #		15
36) 1,1-Dichloropropene	5.67	75	11602	4.15 ug/l #		49
38) Carbon Tetrachloride	5.67	117	15750	5.49 ug/l #		17
76) 1,2,3-Trichloropropane	11.14	75	72771	27.86 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	72771	84.60 ug/l #		6

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

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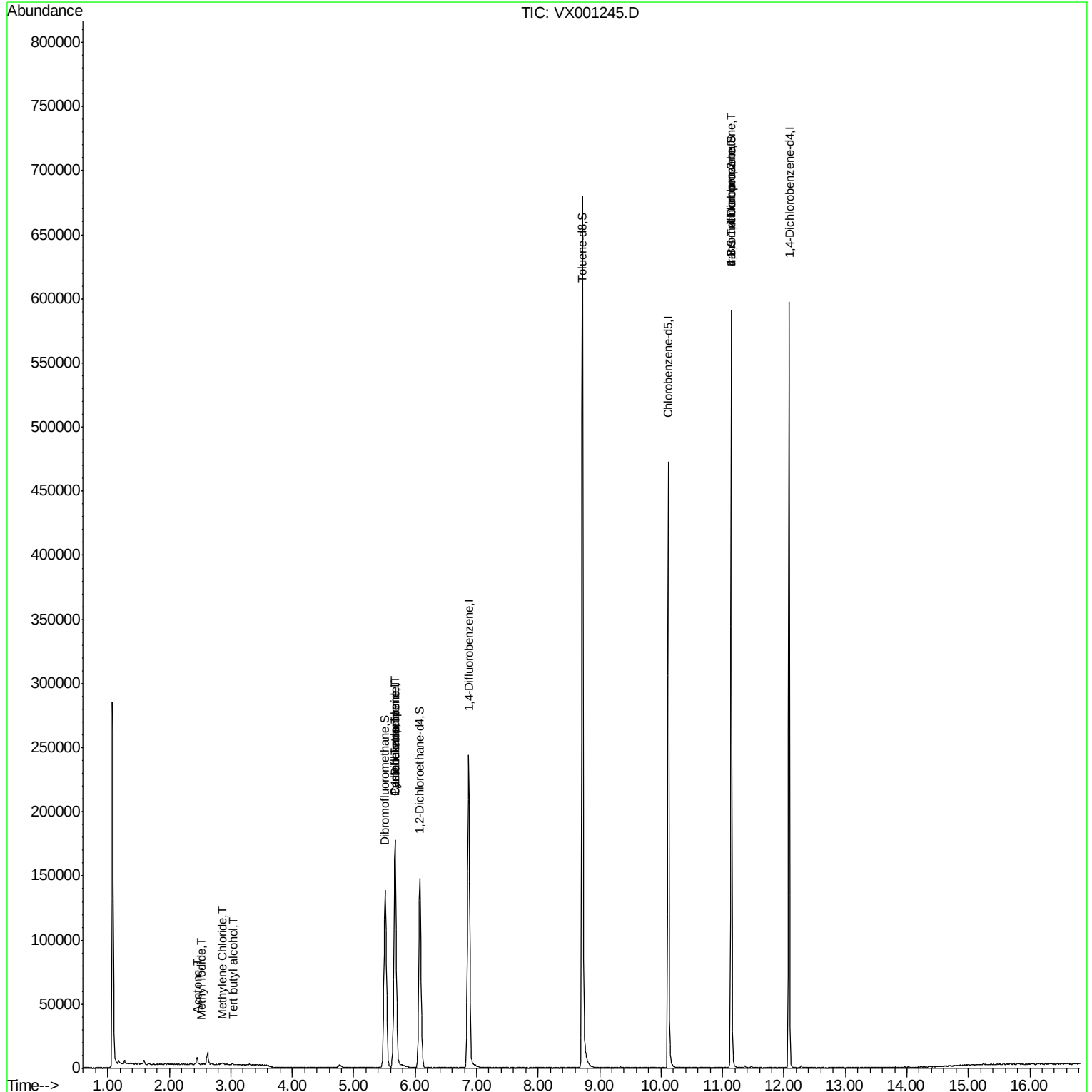
Quant Time: Apr 30 01:45:14 2018

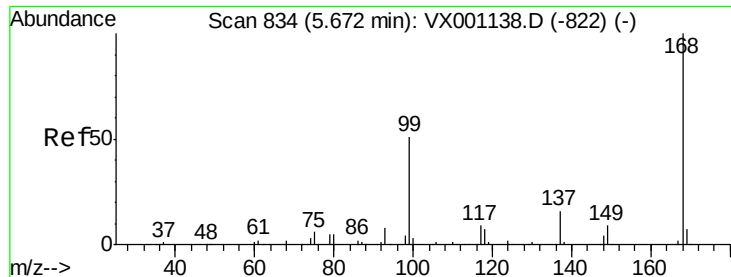
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

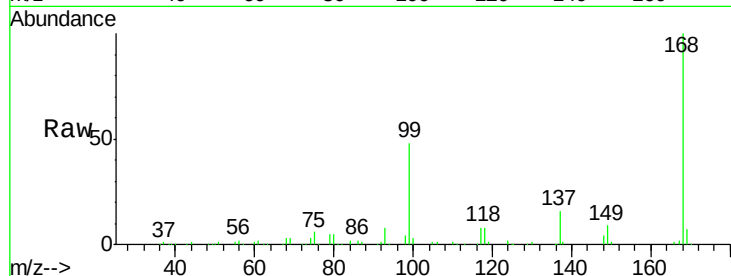
BPS1-TT-MW313S-20180425

Tgt Ion:168 Resp: 185330

Ion Ratio Lower Upper

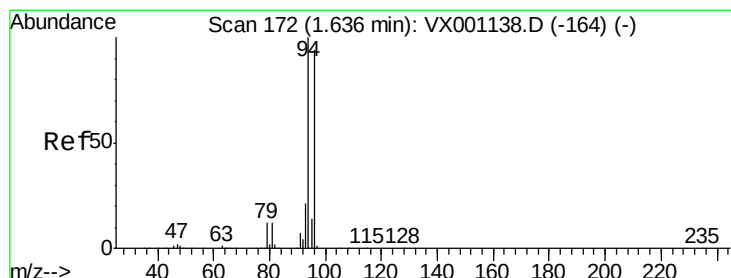
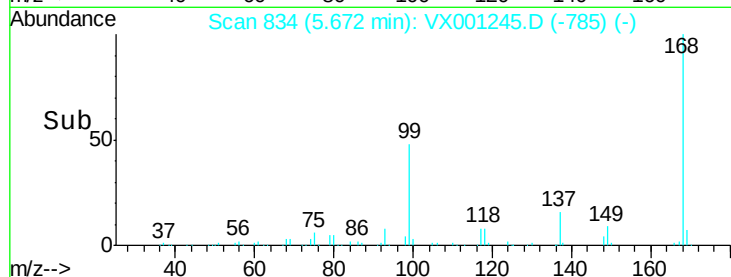
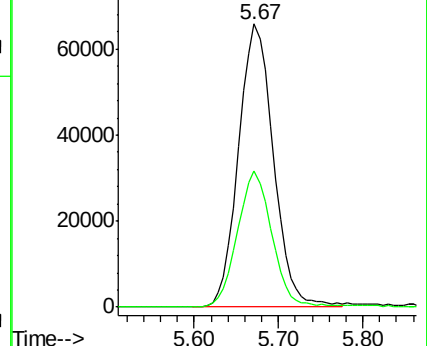
168 100

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

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001245.D

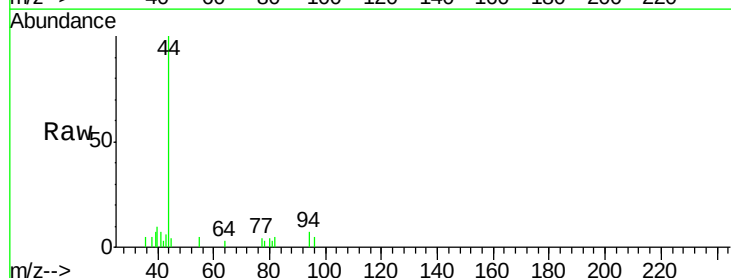
Acq: 29 Apr 2018 05:35

Tgt Ion: 94 Resp: 144

Ion Ratio Lower Upper

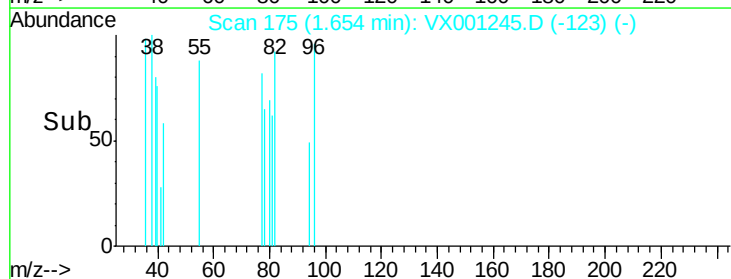
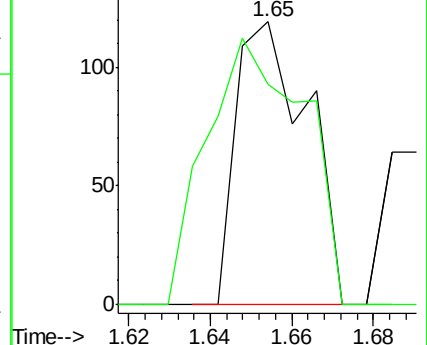
94 100

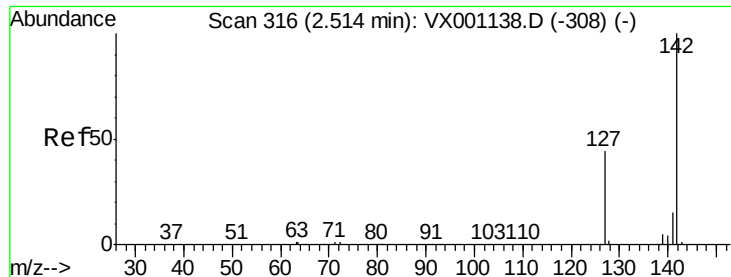
96 78.2 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

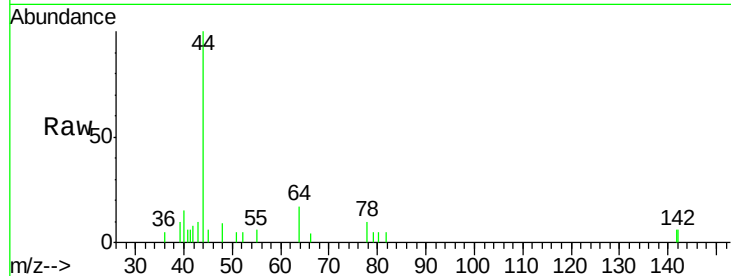




#10
Methyl Iodide
Concen: 7.29 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001245.D
Acq: 29 Apr 2018 05:35

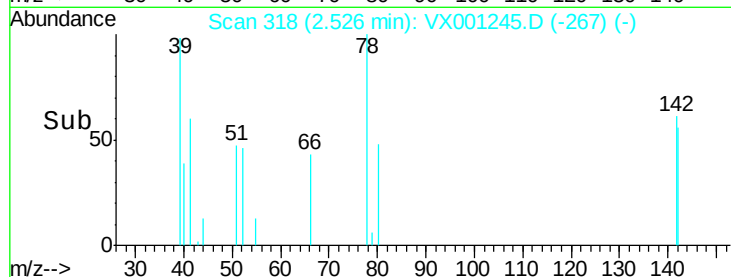
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW313S-20180425

Tgt Ion: 142 Resp: 130
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.6 17.4#

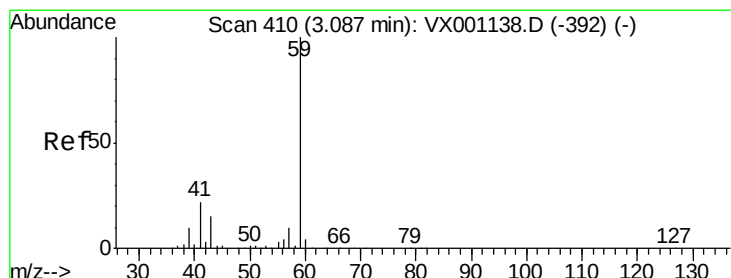


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

2.53

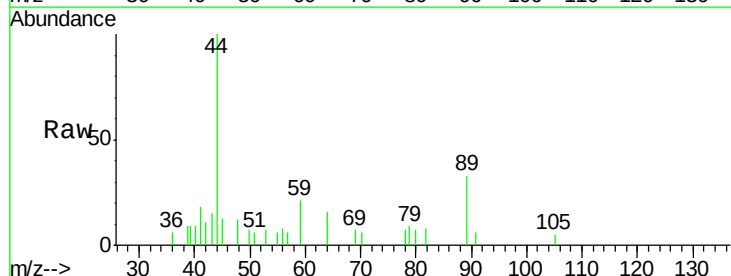


Time-->



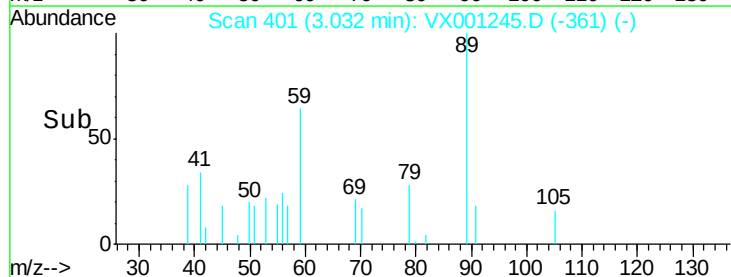
#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX001245.D
Acq: 29 Apr 2018 05:35

Tgt Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4#

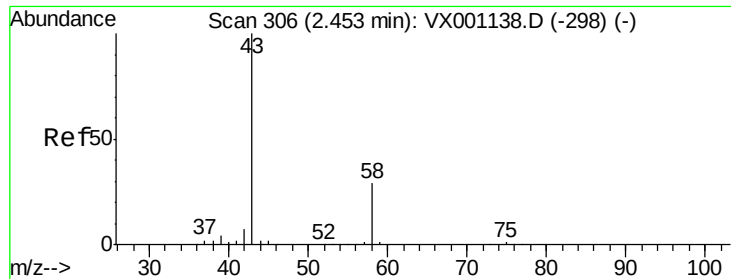


Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

3.03



Time-->



#16

Acetone

Concen: 4.86 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

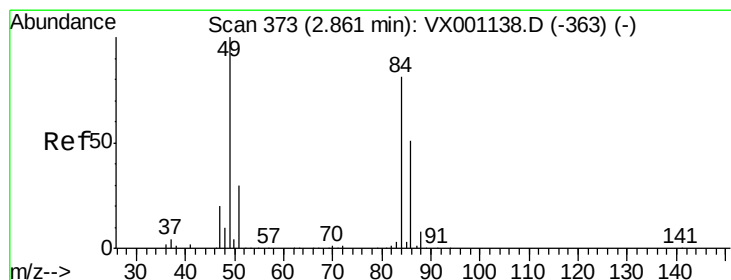
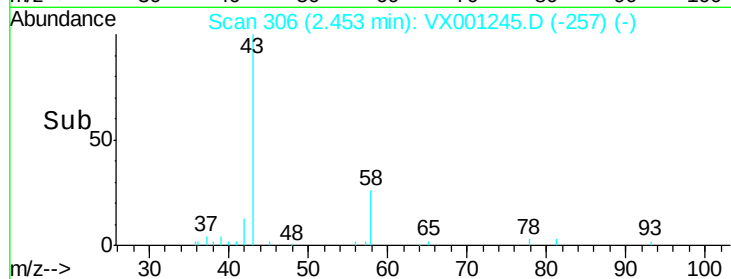
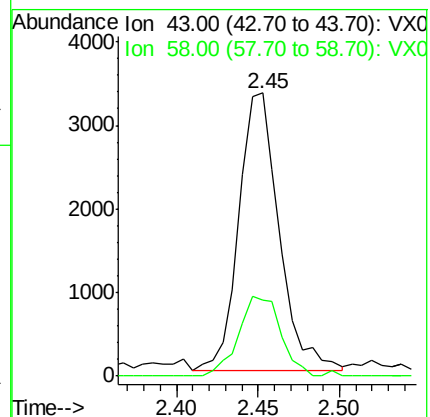
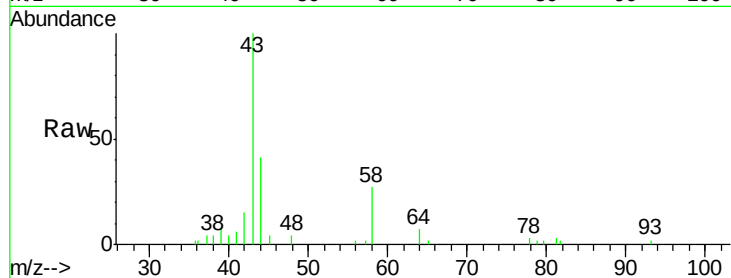
BPS1-TT-MW313S-20180425

Tgt Ion: 43 Resp: 5738

Ion Ratio Lower Upper

43 100

58 27.1 23.0 34.6



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

Tgt Ion: 84 Resp: 603

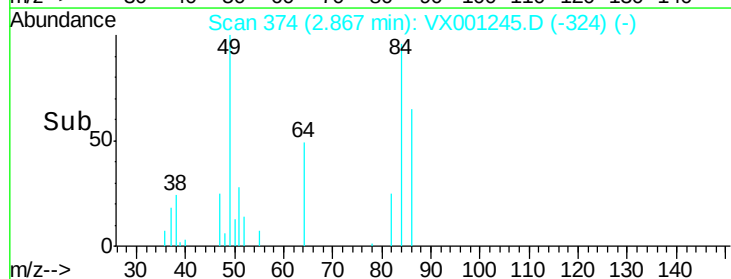
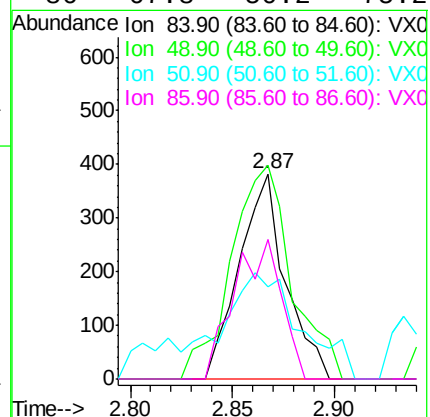
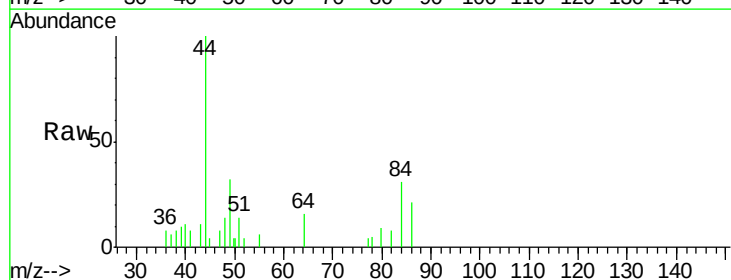
Ion Ratio Lower Upper

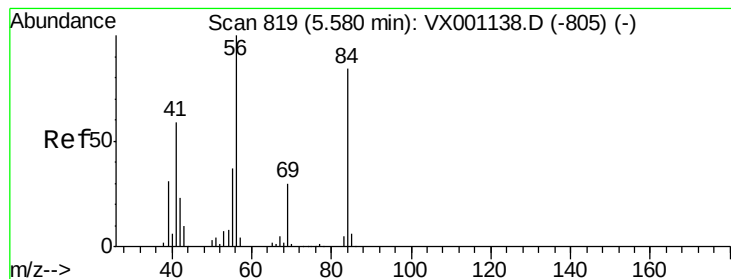
84 100

49 104.2 99.2 148.8

51 26.7 29.5 44.3#

86 67.8 50.2 75.2





#31

Cyclohexane

Concen: 1.05 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20180425

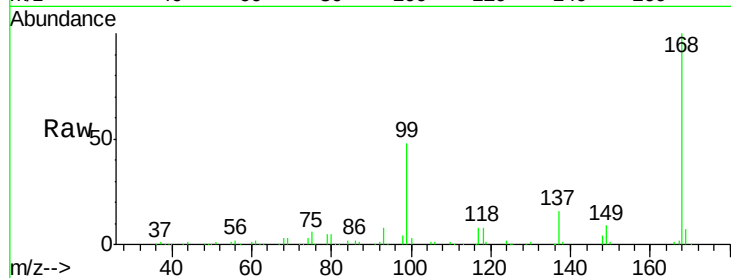
Tgt Ion: 56 Resp: 3213

Ion Ratio Lower Upper

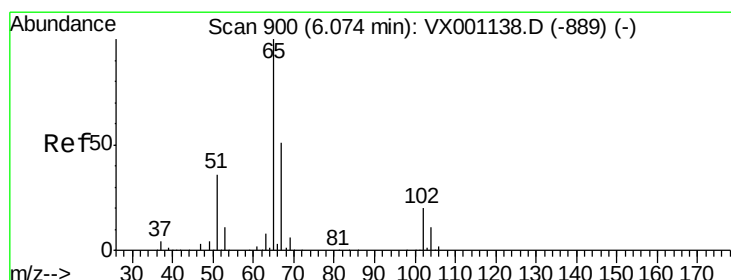
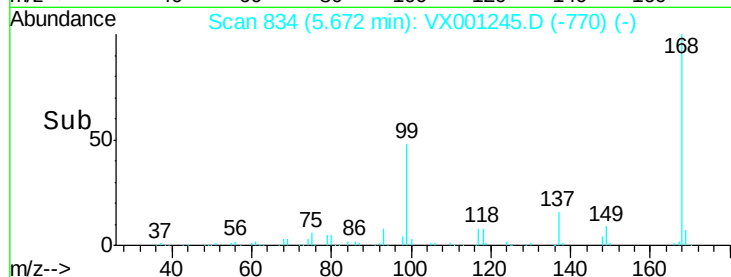
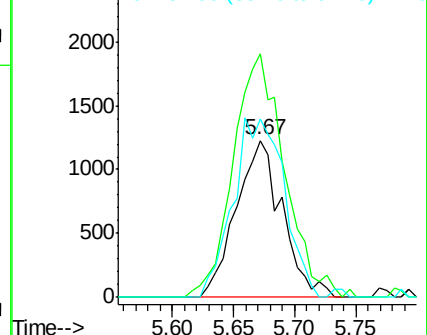
56 100

69 155.4 24.2 36.2#

84 113.9 67.5 101.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001245.D

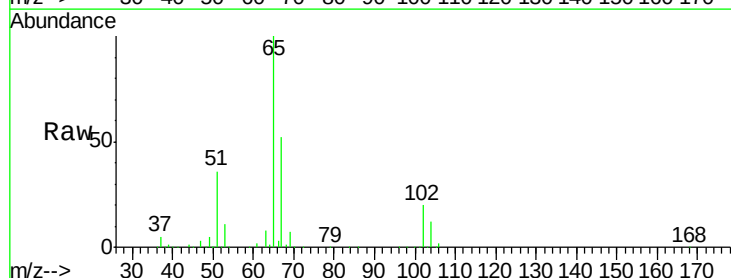
Acq: 29 Apr 2018 05:35

Tgt Ion: 65 Resp: 140376

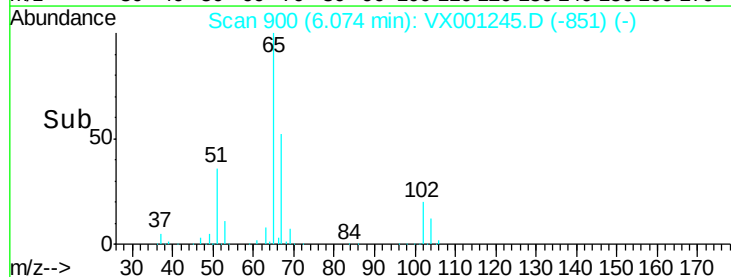
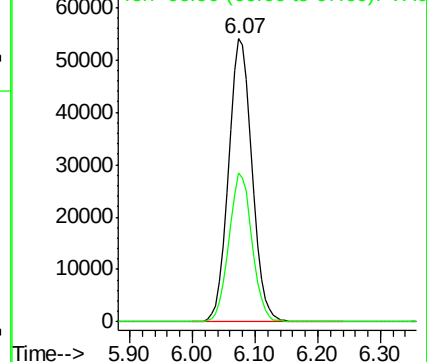
Ion Ratio Lower Upper

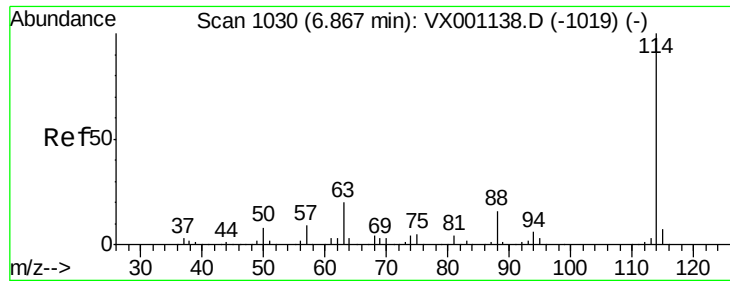
65 100

67 51.5 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20180425

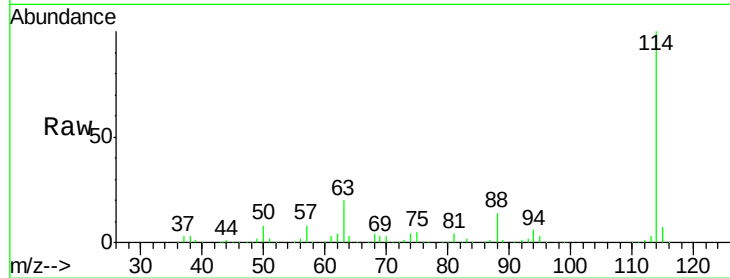
Tgt Ion:114 Resp: 253829

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.4

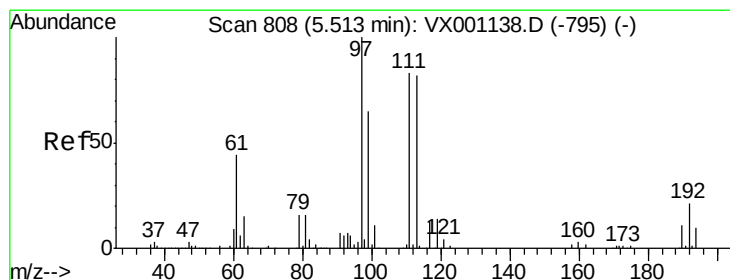
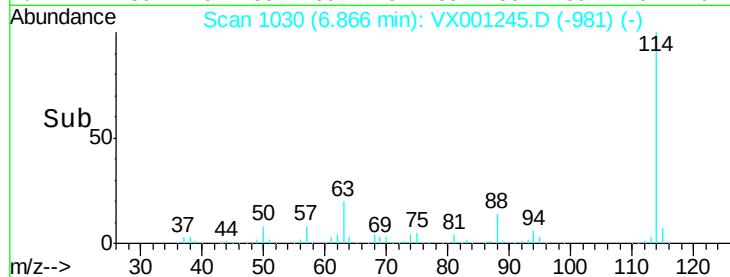
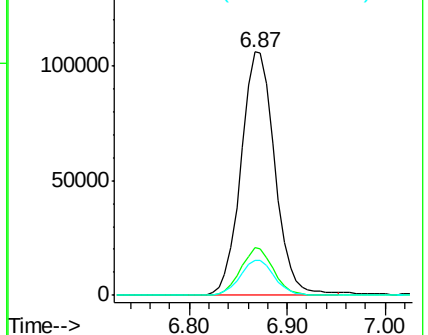
88 14.3 0.0 31.8



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: 53.56 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

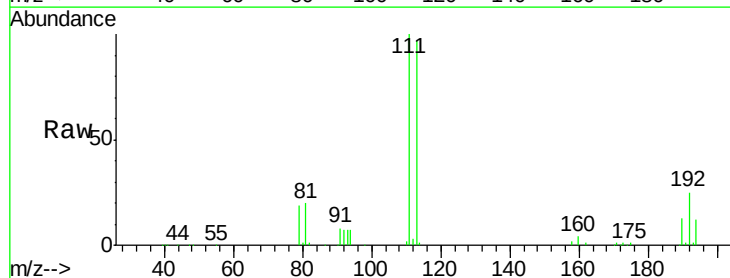
Tgt Ion:113 Resp: 112525

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

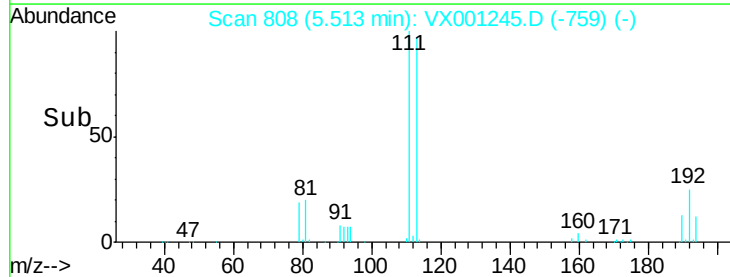
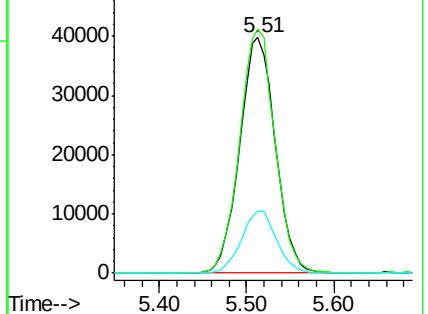
192 26.0 20.6 30.8

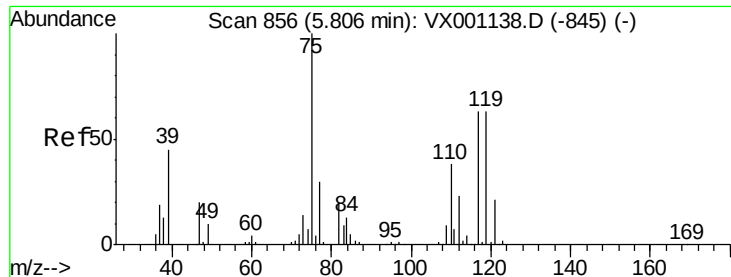


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

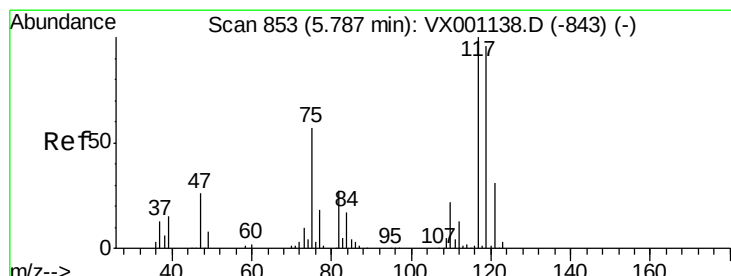
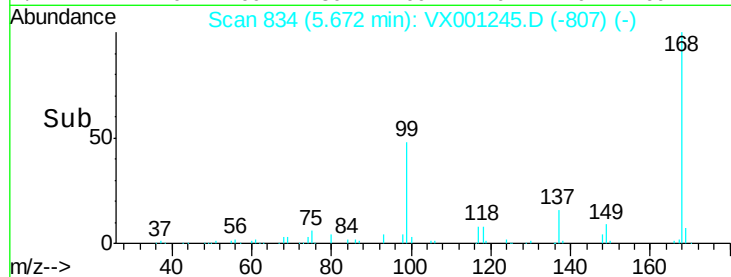
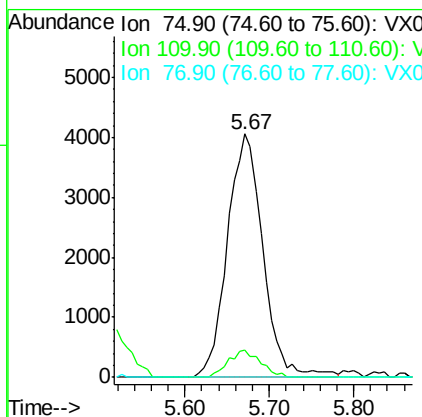
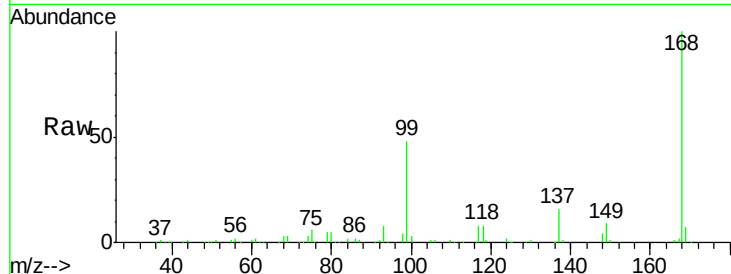




#36
 1,1-Dichloropropene
 Concen: 4.15 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001245.D
 Acq: 29 Apr 2018 05:35

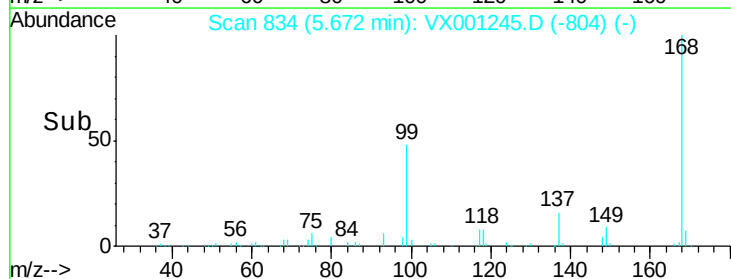
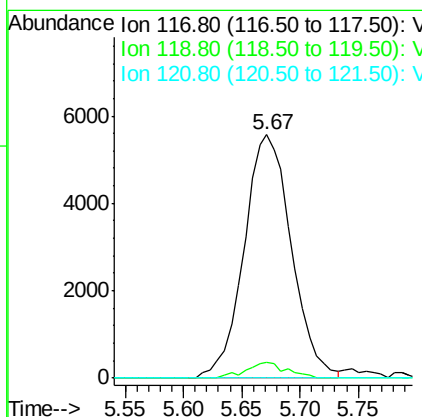
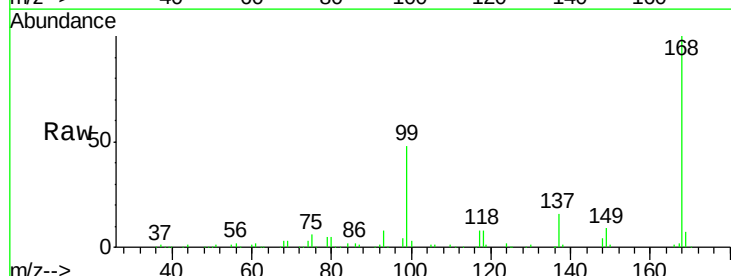
Instrument :
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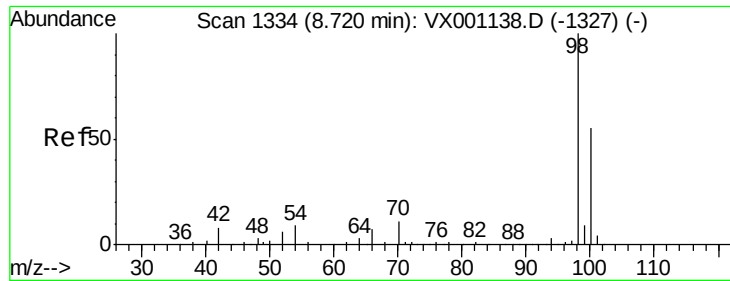
Tgt Ion: 75 Resp: 11602
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.49 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001245.D
 Acq: 29 Apr 2018 05:35

Tgt Ion: 117 Resp: 15750
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.5 114.7#
 121 0.0 24.6 37.0#

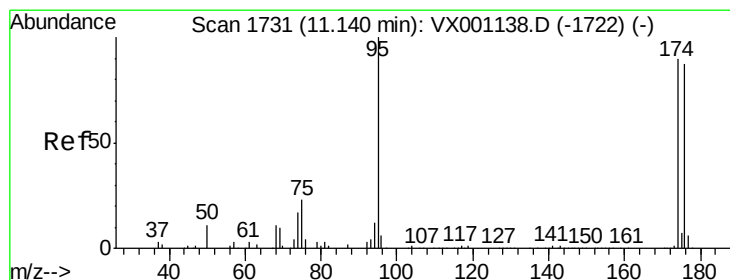
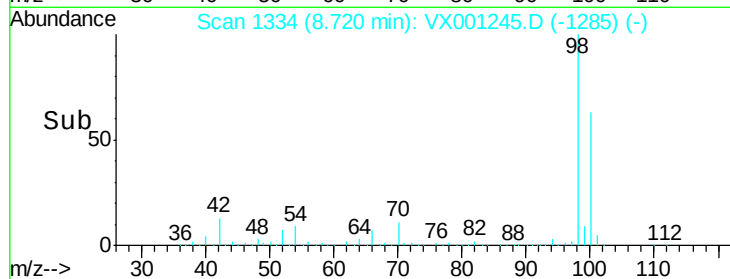
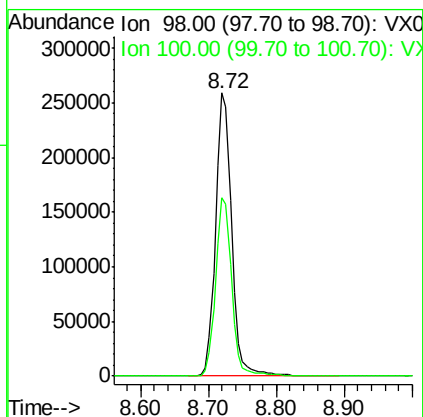
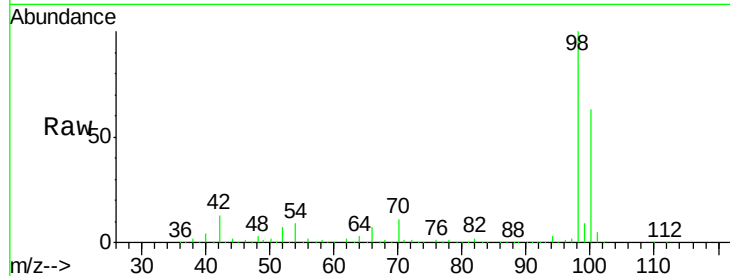




#50
Toluene-d8
Concen: 53.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001245.D
Acq: 29 Apr 2018 05:35

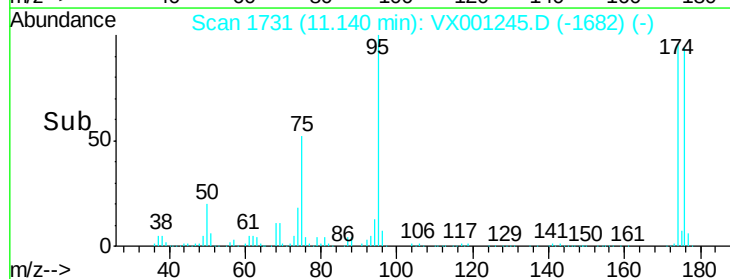
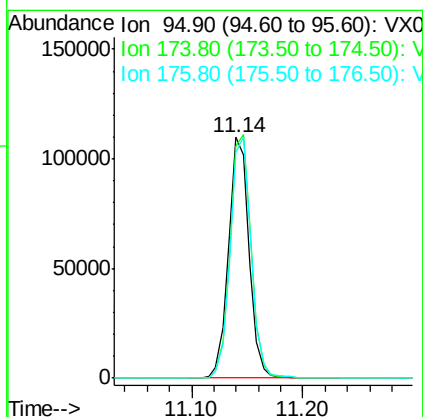
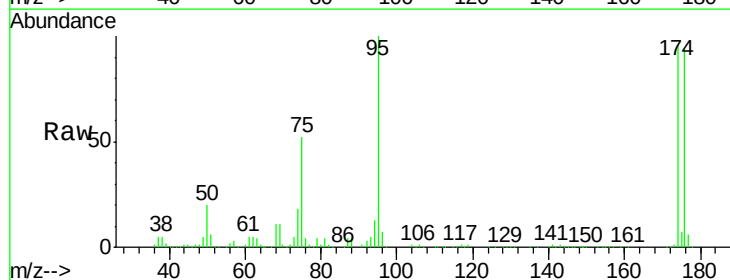
Instrument :
MSVOA_X
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BPS1-TT-MW313S-20180425

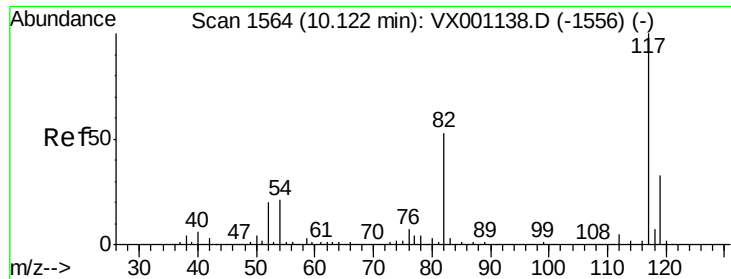
Tgt Ion: 98 Resp: 425820
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001245.D
Acq: 29 Apr 2018 05:35

Tgt Ion: 95 Resp: 139979
Ion Ratio Lower Upper
95 100
174 103.6 0.0 194.4
176 101.4 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: VX001245.D

Acq: 29 Apr 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20180425

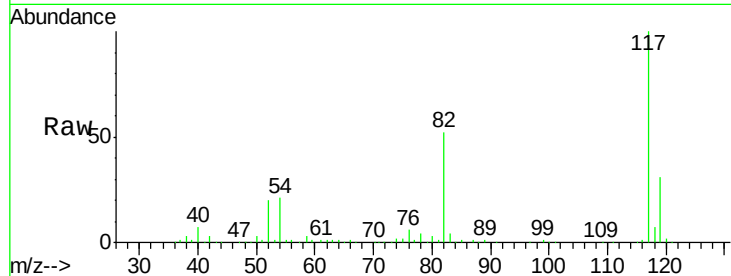
Tgt Ion:117 Resp: 229670

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

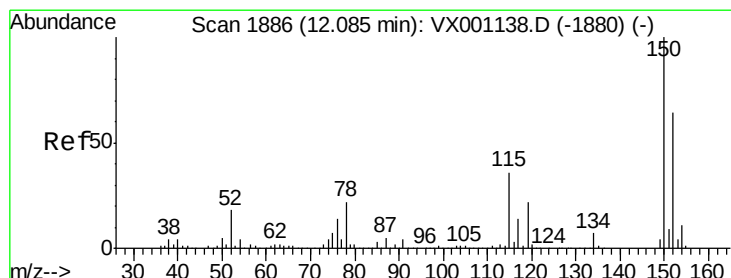
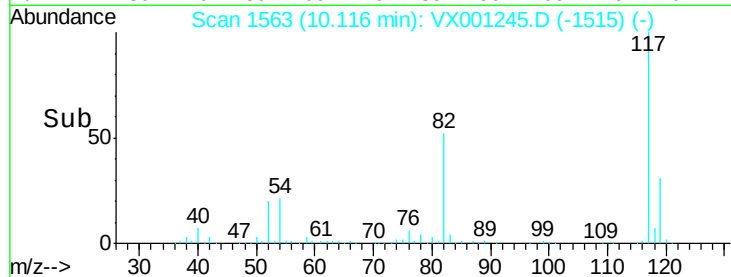
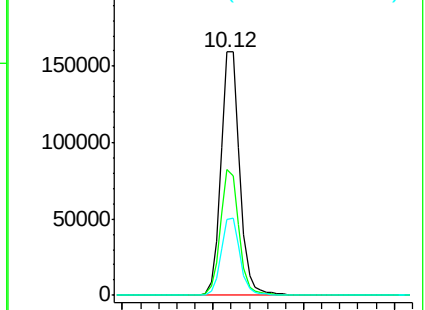
119 31.4 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001245.D

Acq: 29 Apr 2018 05:35

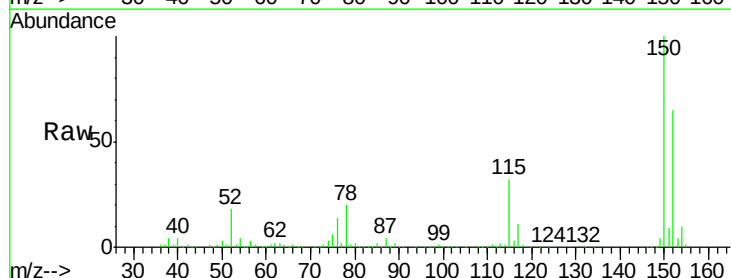
Tgt Ion:152 Resp: 128270

Ion Ratio Lower Upper

152 100

115 50.9 38.0 114.0

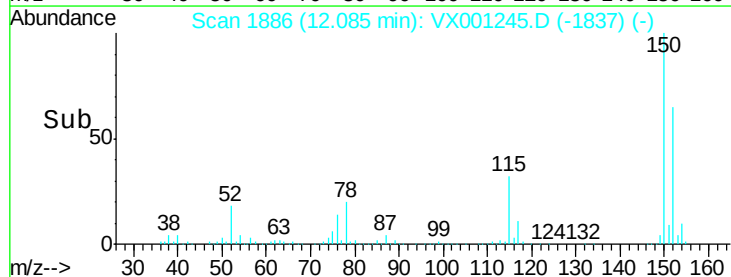
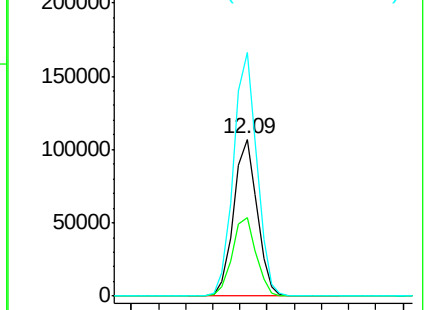
150 155.2 0.0 349.6

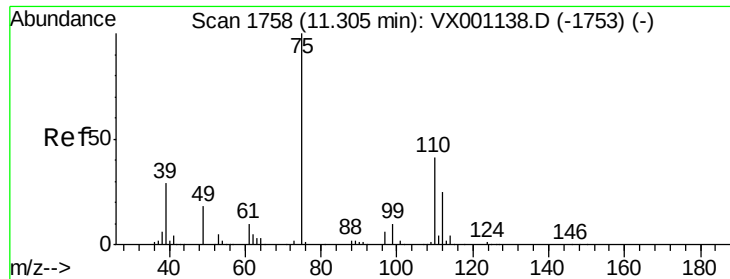


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

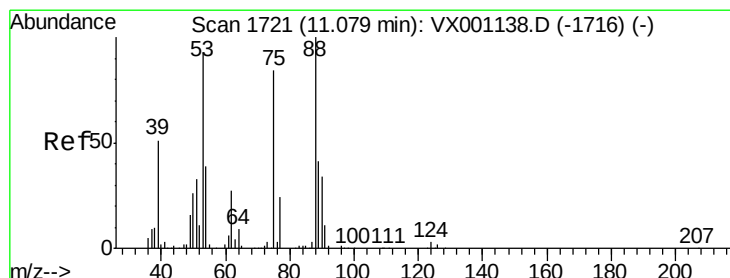
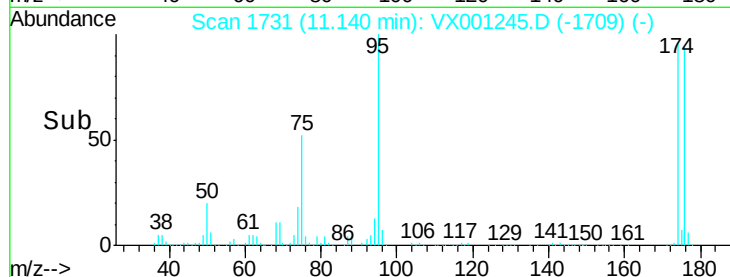
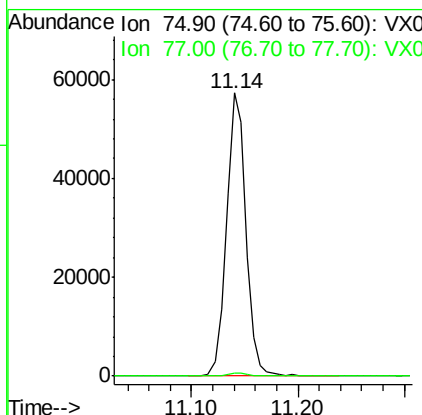
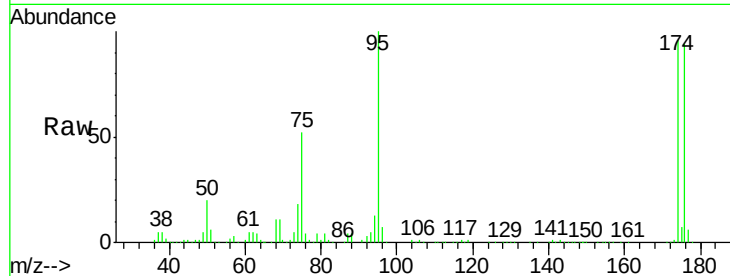




#76
 1,2,3-Trichloropropane
 Concen: 27.86 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001245.D
 Acq: 29 Apr 2018 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW313S-20180425

Tgt Ion: 75 Resp: 72771
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.60 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001245.D
 Acq: 29 Apr 2018 05:35

Tgt Ion: 75 Resp: 72771
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

