

Data File : VX001244.D

Acq On : 29 Apr 2018 05:10

Operator : JC/MD

Sample : J2600-15

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 41 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20180425

Quant Time: Apr 30 01:44:54 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	181899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	249552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139295	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	110631	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	8.72	98	415853	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	11.14	95	138312	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
5) Bromomethane	1.61	94	64	Below Cal	#	3
10) Methyl Iodide	2.52	142	70	7.27	ug/l #	41
11) Tert butyl alcohol	3.06	59	150	0.27	ug/l #	76
13) Acrolein	2.30	56	88	0.42	ug/l #	14
16) Acetone	2.45	43	4790	4.13	ug/l	98
25) 2-Butanone	4.71	43	442	0.25	ug/l #	50
31) Cyclohexane	5.67	56	3339	1.11	ug/l #	21
32) 1,1,1-Trichloroethane	5.50	97	2131	0.66	ug/l #	51
36) 1,1-Dichloropropene	5.67	75	11274	4.10	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15259	5.41	ug/l #	17
44) Trichloroethene	7.23	130	14402	6.08	ug/l	99
60) Dibromochloromethane	9.34	129	1124	3.75	ug/l #	11
64) Tetrachloroethene	9.34	164	1281	0.53	ug/l	89
76) 1,2,3-Trichloropropane	11.14	75	71267	27.75	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	71267	84.30	ug/l #	6

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

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Instrument :

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ClientSampleId :

BPS1-TT-MW309S-20180425

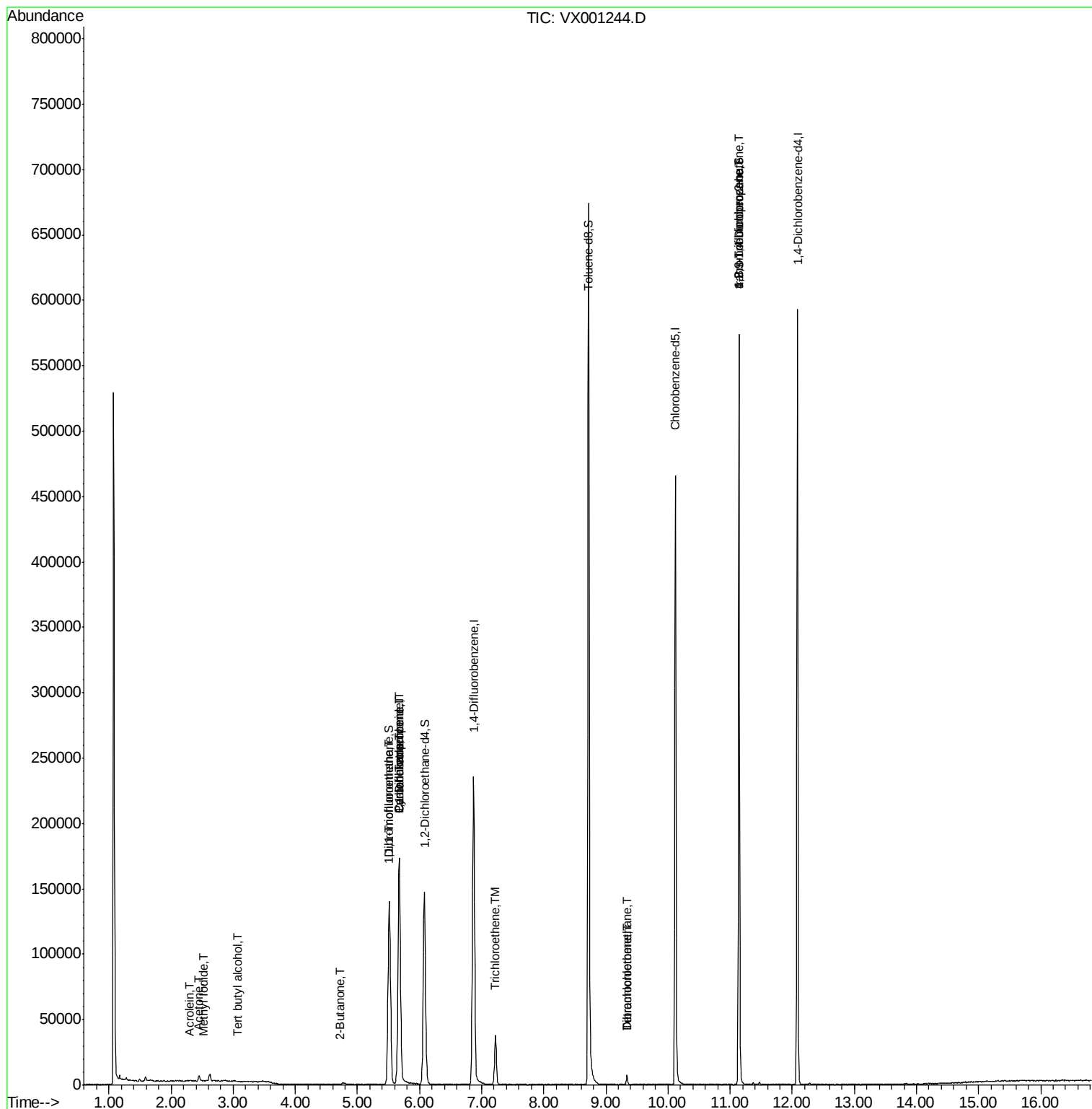
Quant Time: Apr 30 01:44:54 2018

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: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

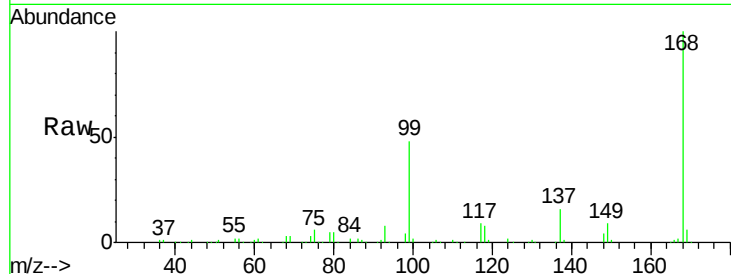
BPS1-TT-MW309S-20180425

Tgt Ion: 168 Resp: 181899

Ion Ratio Lower Upper

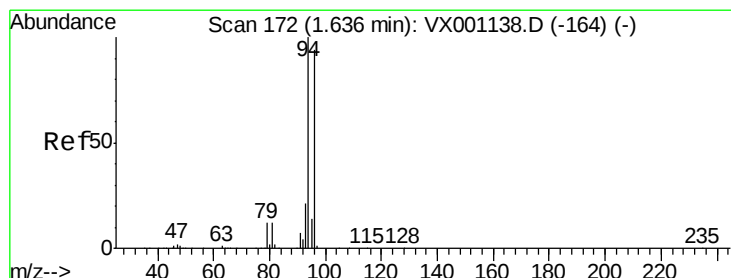
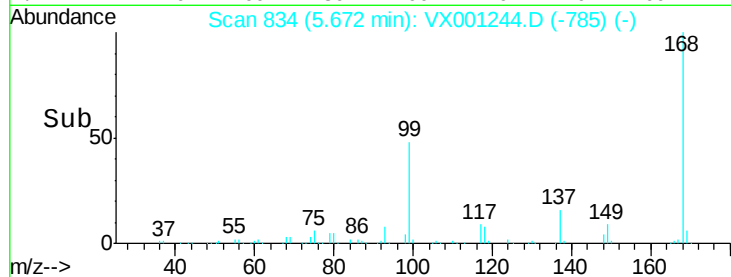
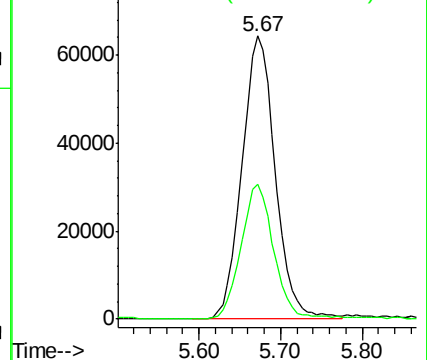
168 100

99 47.6 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: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001244.D

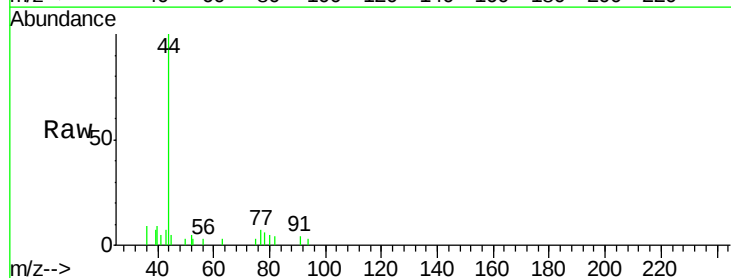
Acq: 29 Apr 2018 05:10

Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

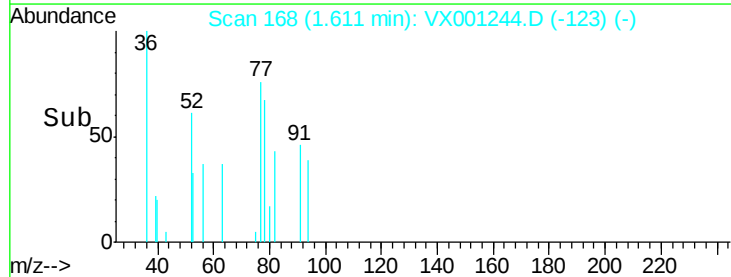
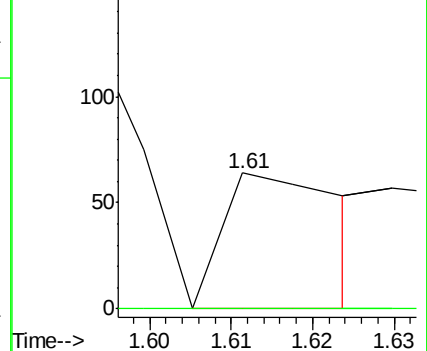
94 100

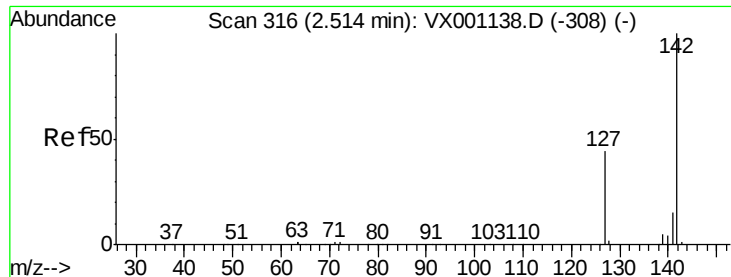
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

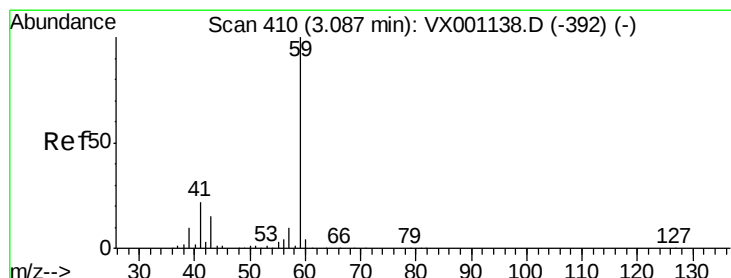
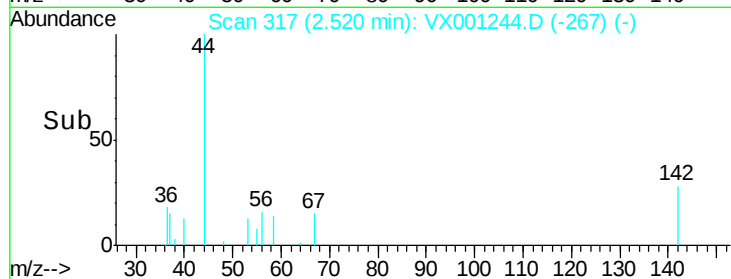
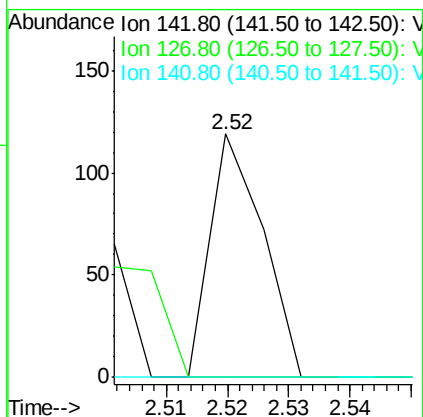
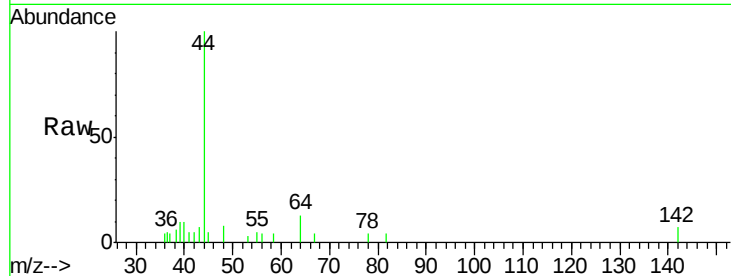




#10
Methyl Iodide
Concen: 7.27 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001244.D
Acq: 29 Apr 2018 05:10

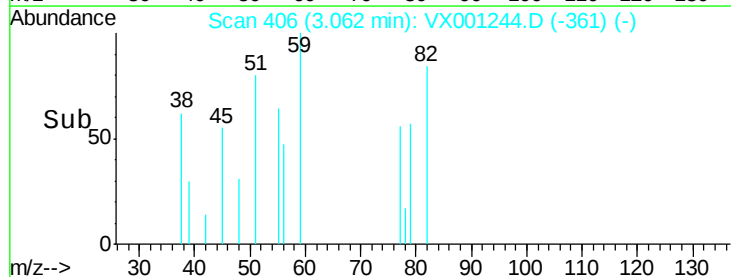
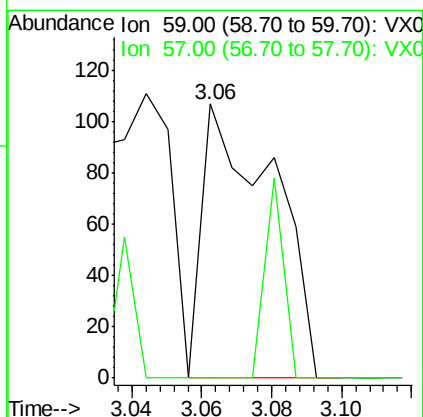
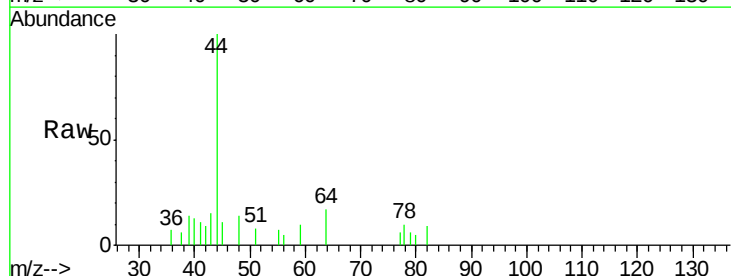
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20180425

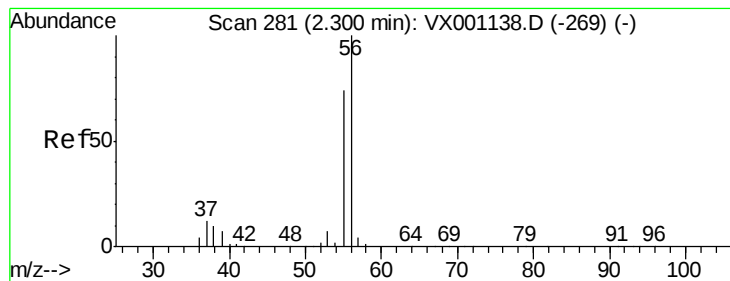
Tgt Ion: 142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX001244.D
Acq: 29 Apr 2018 05:10

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 19.3 8.2 12.4#





#13

Acrolein

Concen: 0.42 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

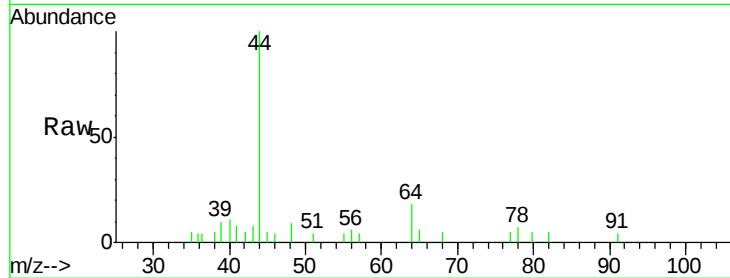
BPS1-TT-MW309S-20180425

Tgt Ion: 56 Resp: 88

Ion Ratio Lower Upper

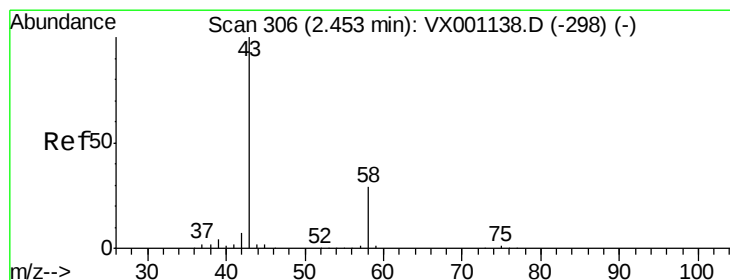
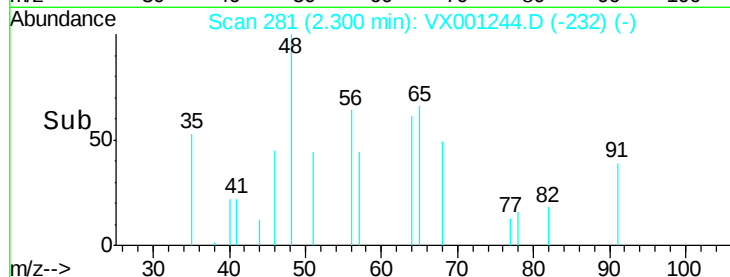
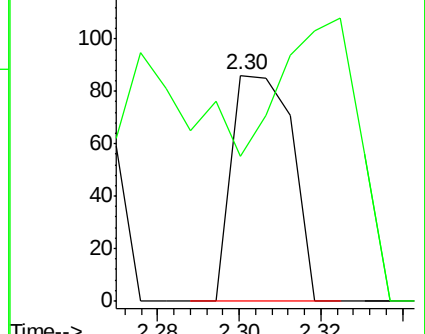
56 100

55 0.0 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 4.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001244.D

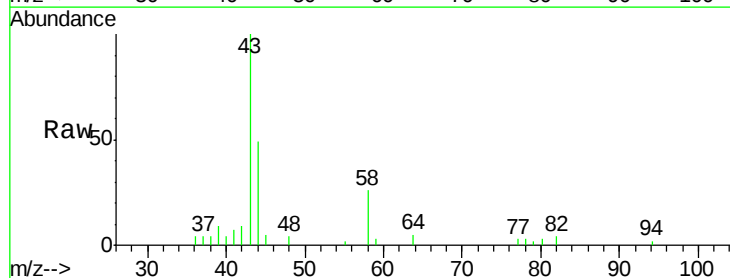
Acq: 29 Apr 2018 05:10

Tgt Ion: 43 Resp: 4790

Ion Ratio Lower Upper

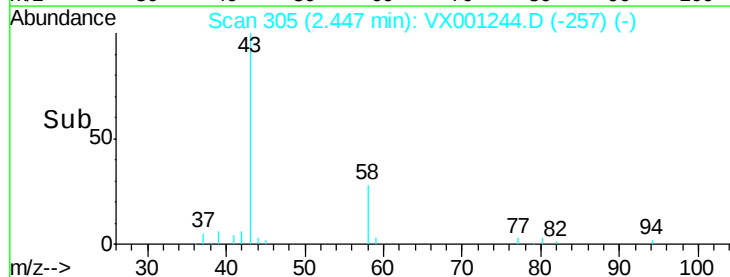
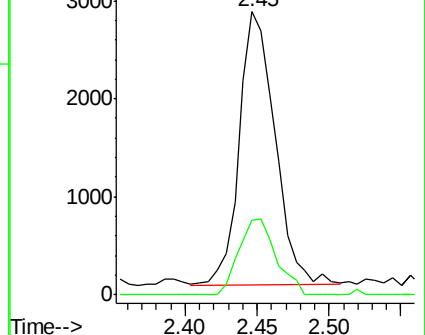
43 100

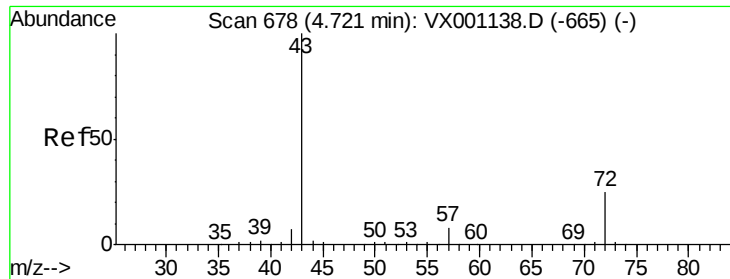
58 27.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 0.25 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

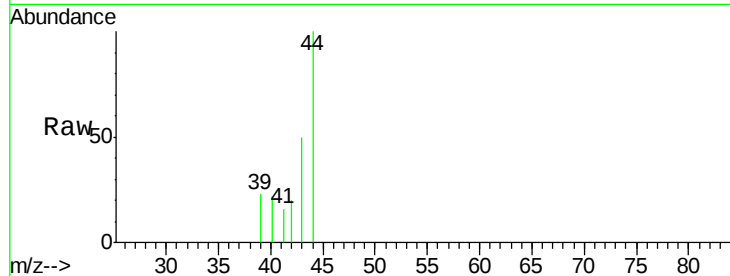
BPS1-TT-MW309S-20180425

Tgt Ion: 43 Resp: 442

Ion Ratio Lower Upper

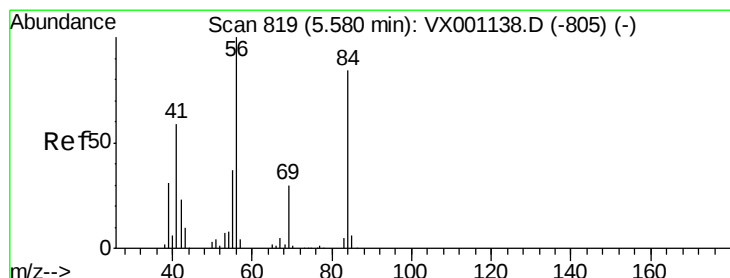
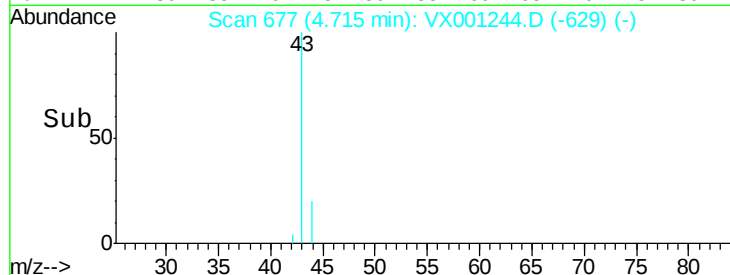
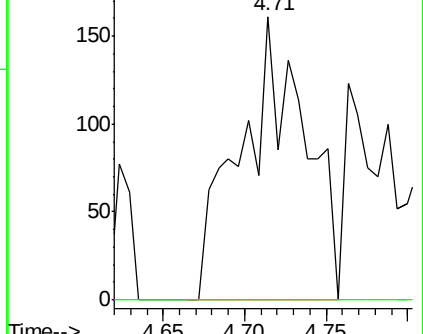
43 100

72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 1.11 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

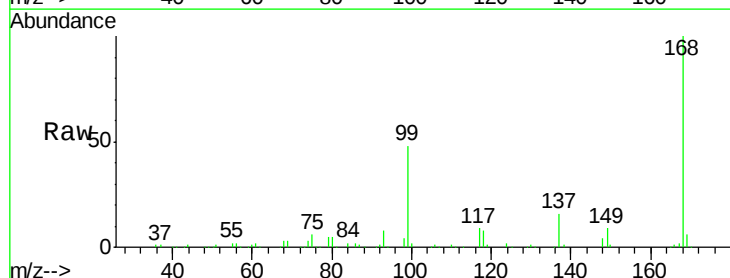
Tgt Ion: 56 Resp: 3339

Ion Ratio Lower Upper

56 100

69 145.9 24.2 36.2#

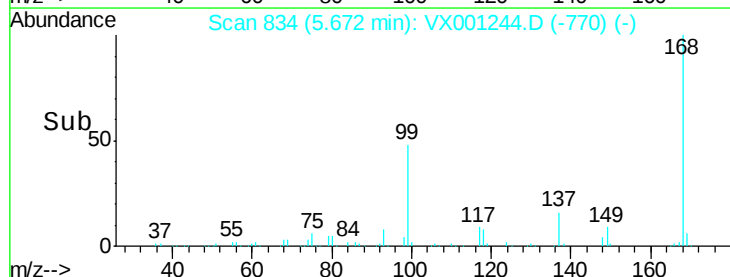
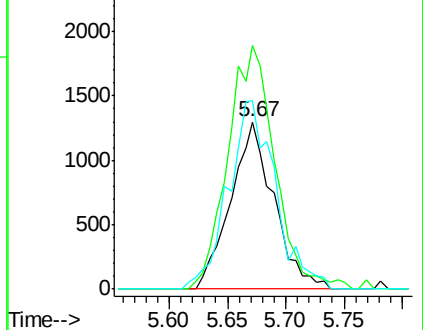
84 112.9 67.5 101.3#

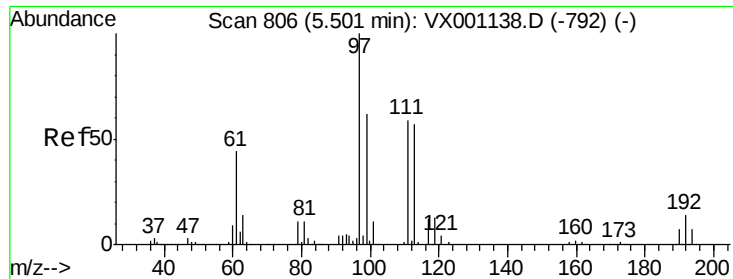


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#32

1,1,1-Trichloroethane

Concen: 0.66 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

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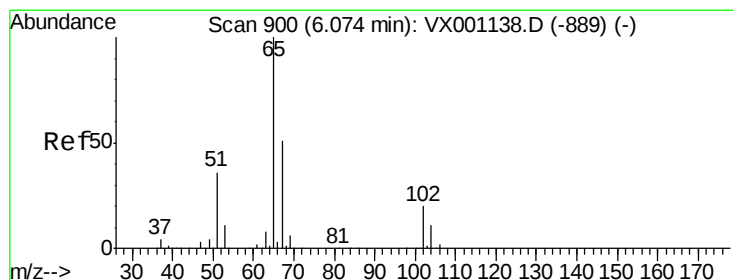
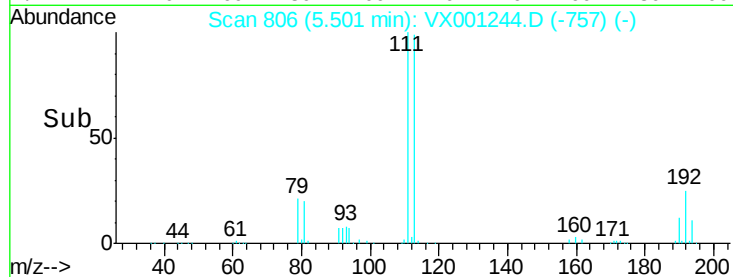
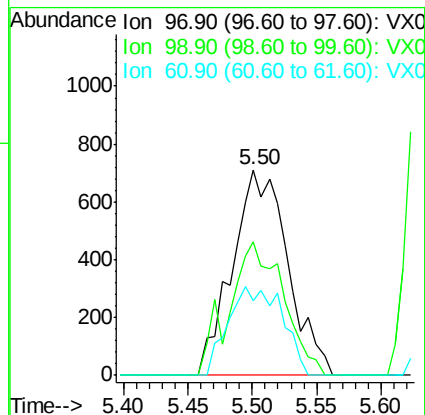
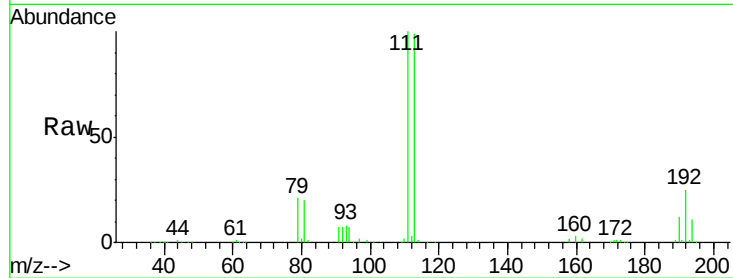
Tgt Ion: 97 Resp: 2131

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

61 42.0 35.0 52.6



#33

1,2-Dichloroethane-d4

Concen: 49.40 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001244.D

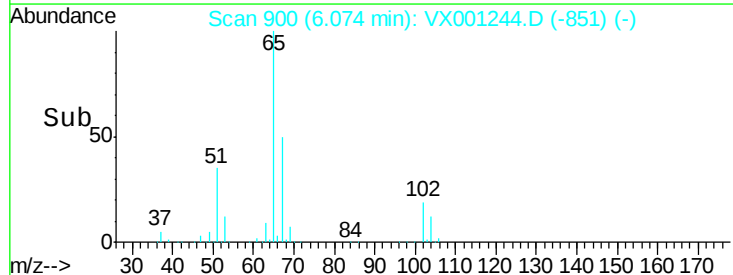
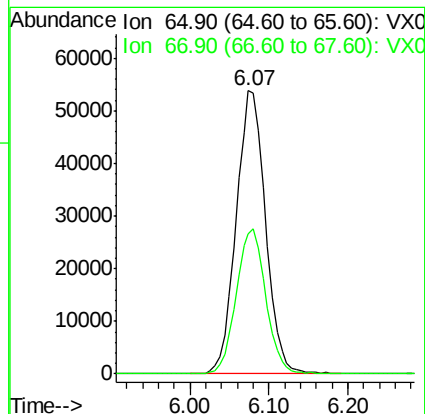
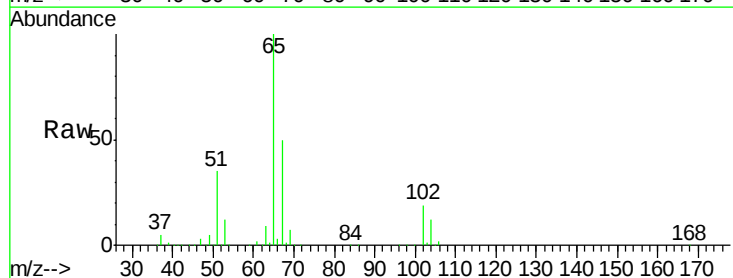
Acq: 29 Apr 2018 05:10

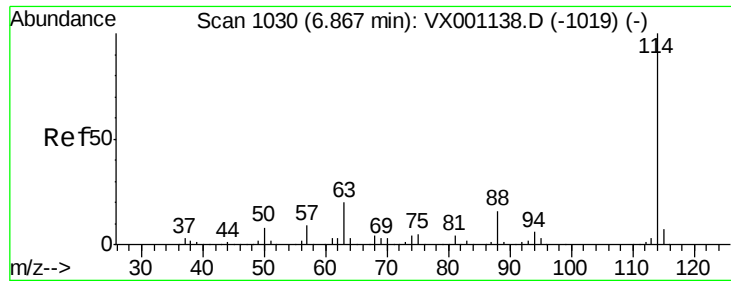
Tgt Ion: 65 Resp: 139295

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.2

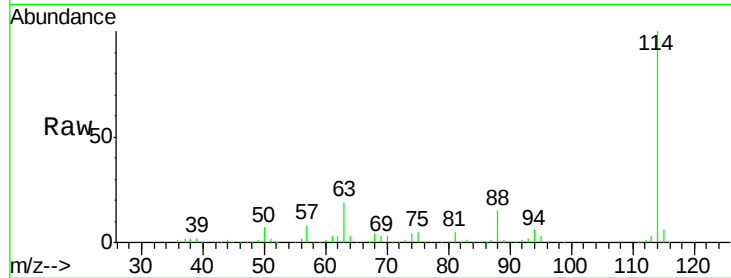




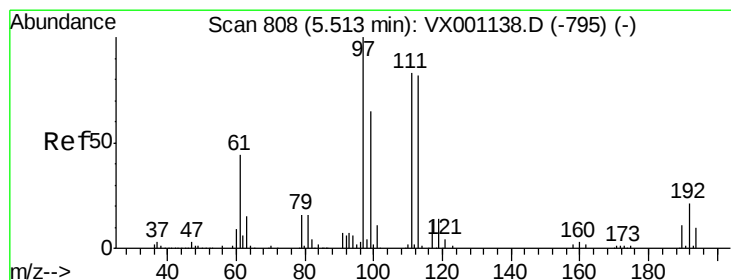
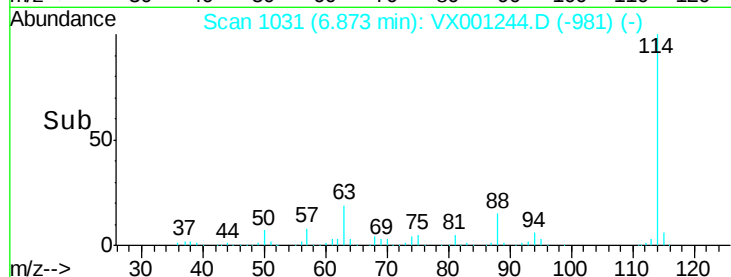
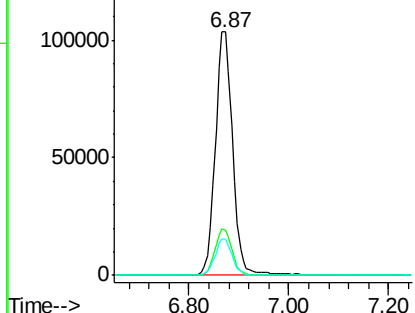
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001244.D
 Acq: 29 Apr 2018 05:10

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 MSVOA_X
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Tgt Ion:114 Resp: 249552
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.4
 88 15.0 0.0 31.8

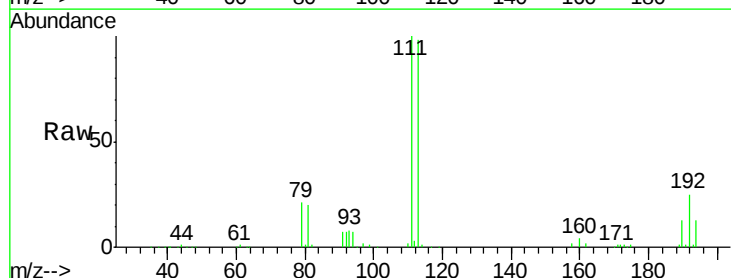


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

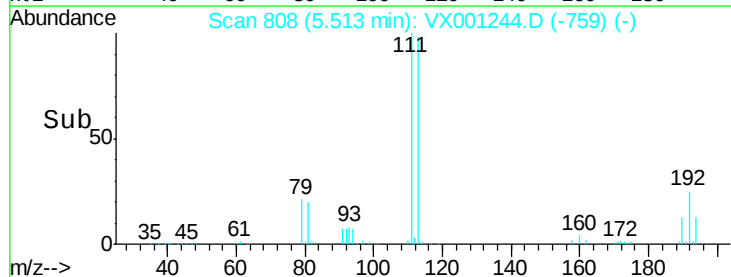
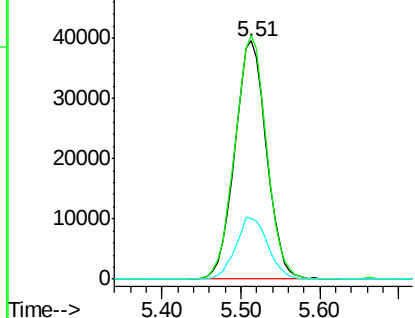


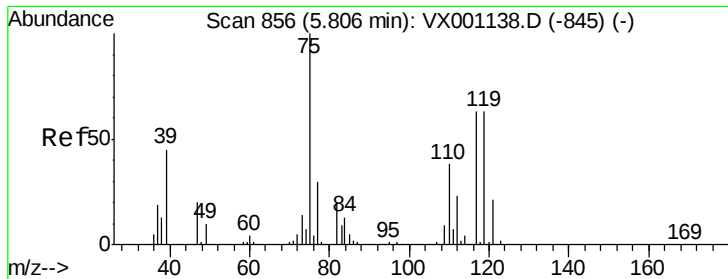
#35
 Dibromofluoromethane
 Concen: 53.56 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001244.D
 Acq: 29 Apr 2018 05:10

Tgt Ion:113 Resp: 110631
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 26.2 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

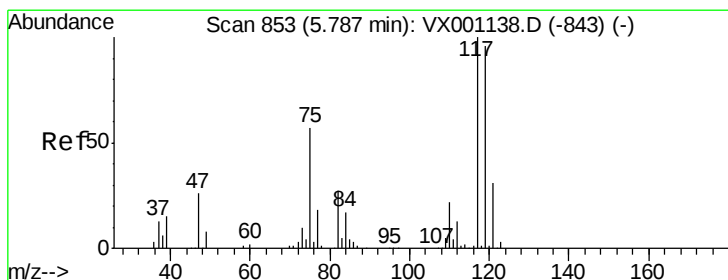
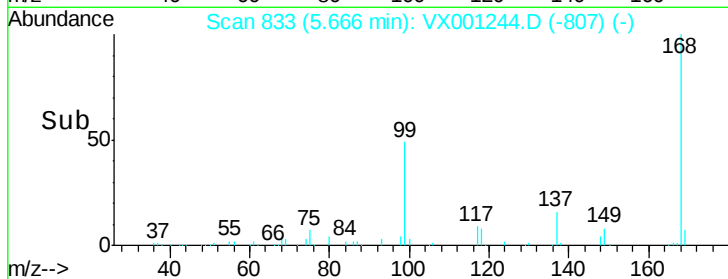
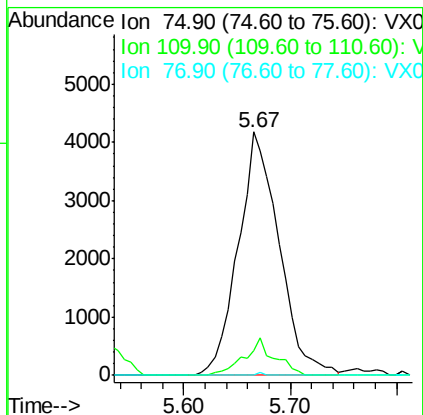
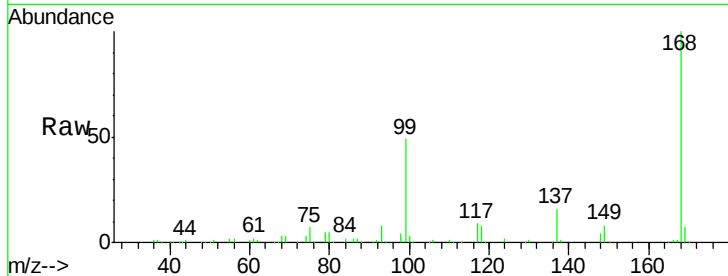




#36
 1,1-Dichloropropene
 Concen: 4.10 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001244.D
 Acq: 29 Apr 2018 05:10

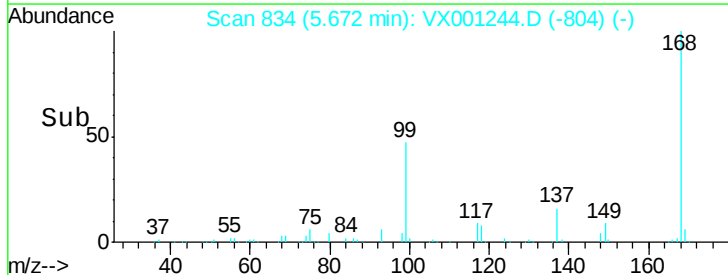
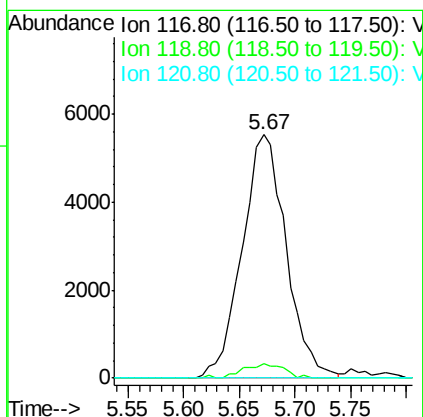
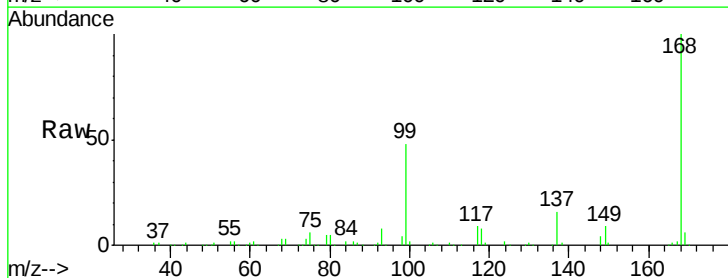
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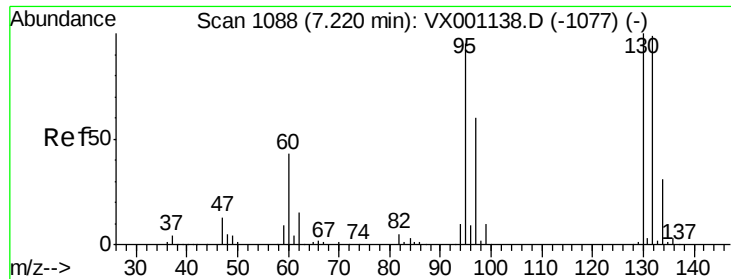
Tgt Ion: 75 Resp: 11274
 Ion Ratio Lower Upper
 75 100
 110 11.3 19.0 57.0#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.41 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001244.D
 Acq: 29 Apr 2018 05:10

Tgt Ion: 117 Resp: 15259
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.5 114.7#
 121 0.0 24.6 37.0#

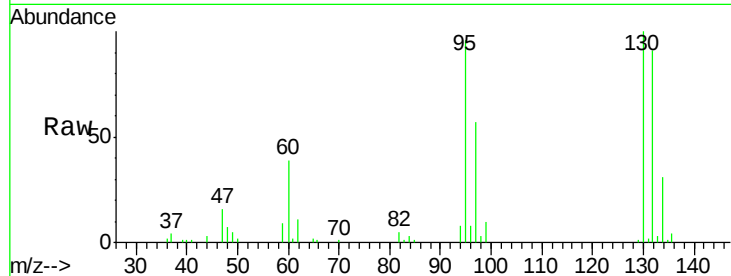




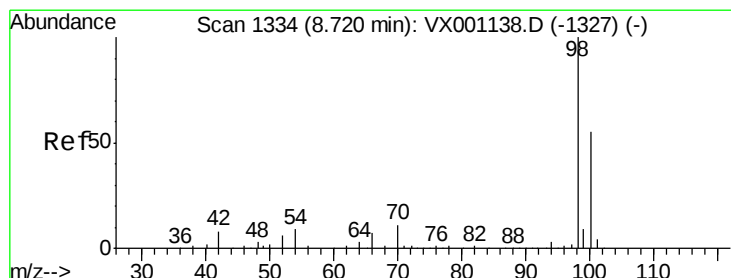
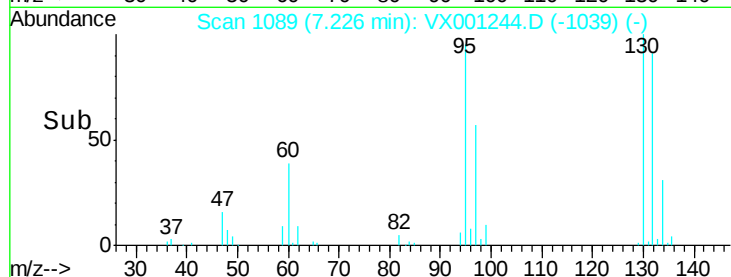
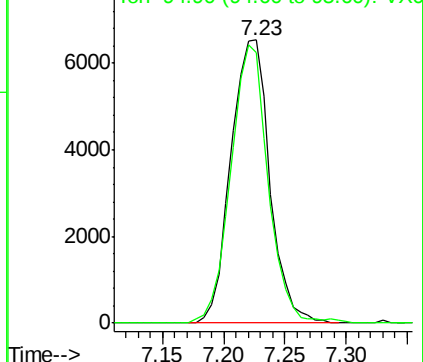
#44
 Trichloroethene
 Concen: 6.08 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX001244.D
 Acq: 29 Apr 2018 05:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20180425

Tgt Ion:130 Resp: 14402
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 189.6

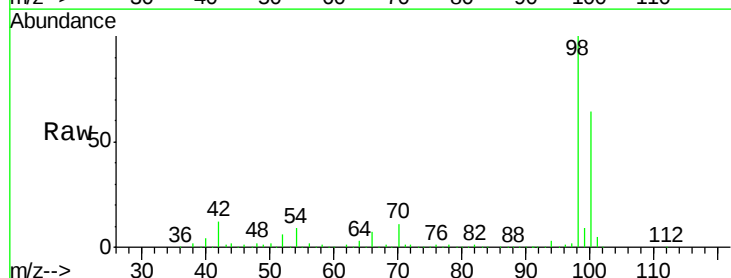


Abundance Ion 129.80 (129.50 to 130.50): V

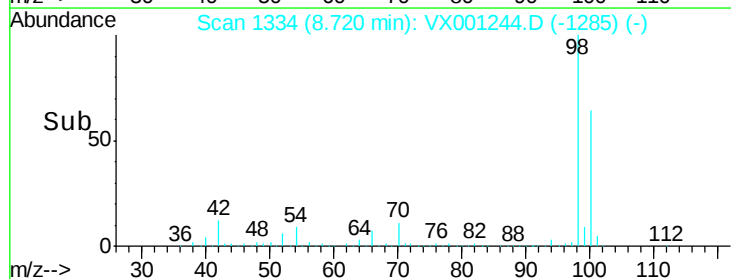
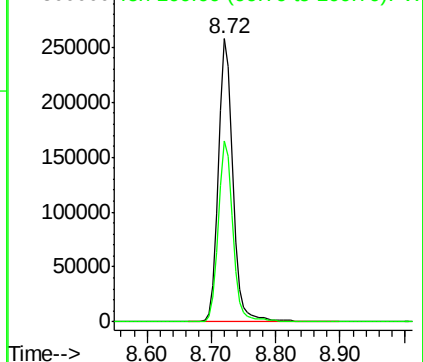


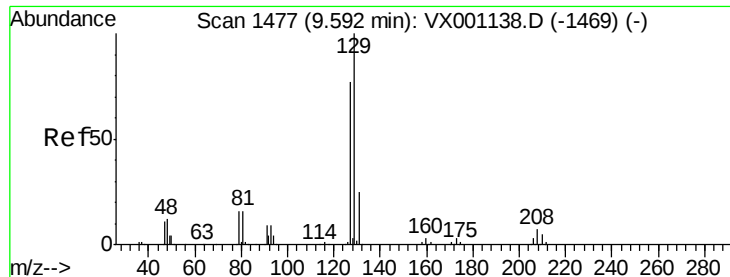
#50
 Toluene-d8
 Concen: 53.35 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001244.D
 Acq: 29 Apr 2018 05:10

Tgt Ion: 98 Resp: 415853
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0





#60

Dibromochloromethane

Concen: 3.75 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

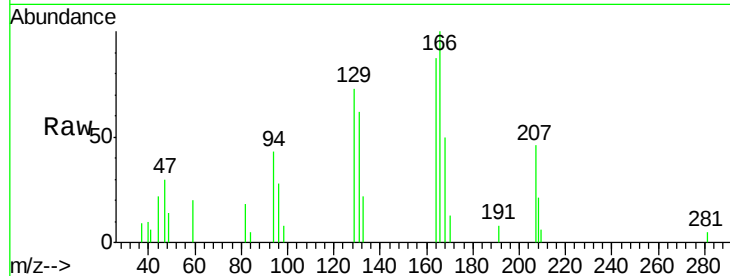
BPS1-TT-MW309S-20180425

Tgt Ion:129 Resp: 1124

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

800

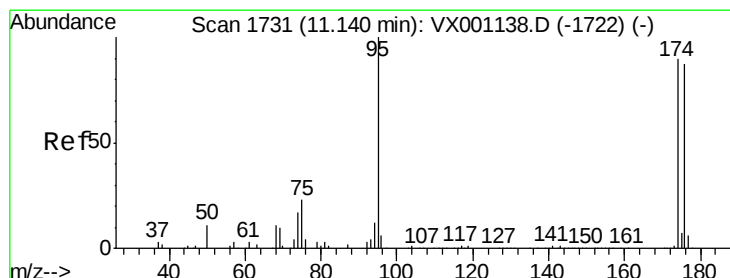
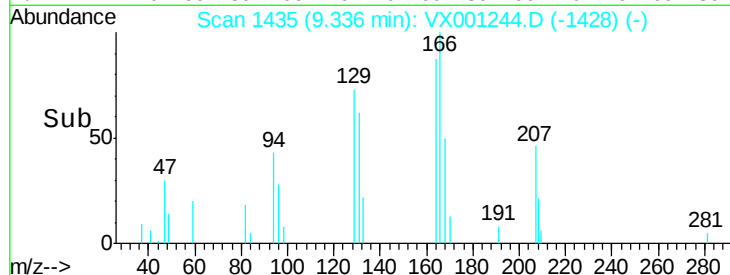
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

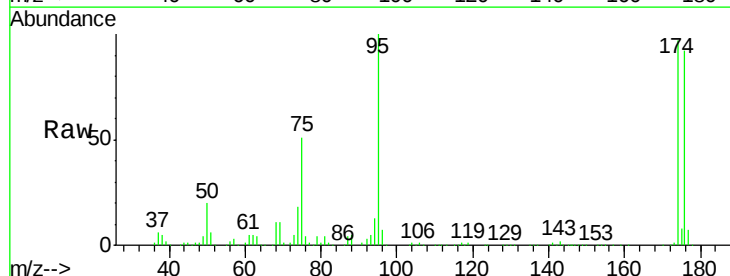
Tgt Ion: 95 Resp: 138312

Ion Ratio Lower Upper

95 100

174 104.0 0.0 194.4

176 101.0 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

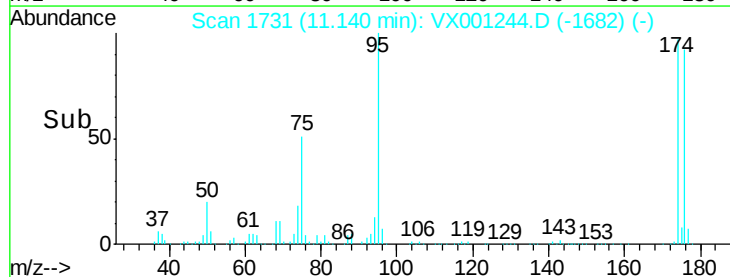
150000

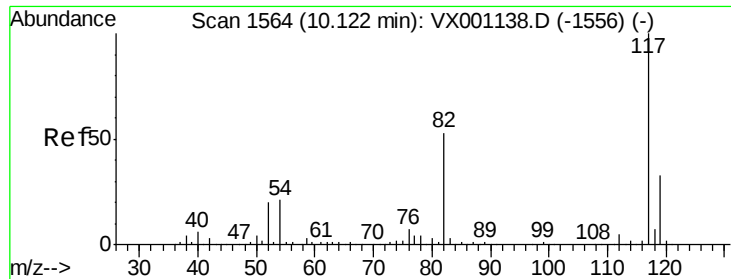
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20180425

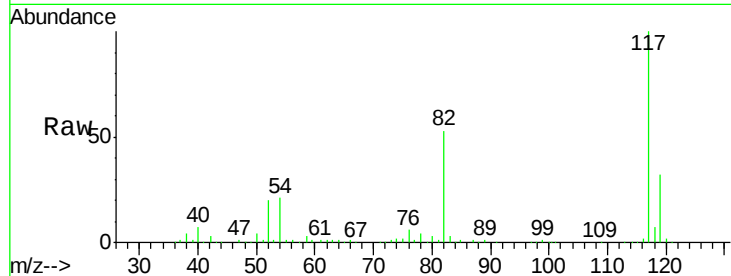
Tgt Ion:117 Resp: 225346

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

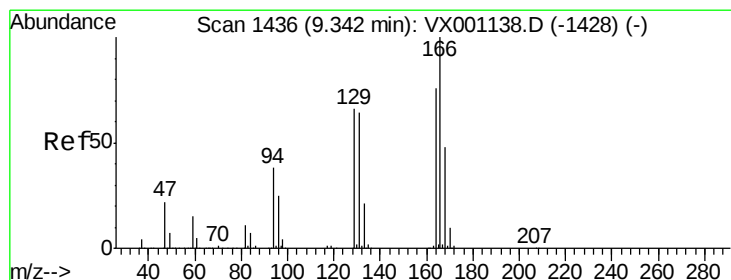
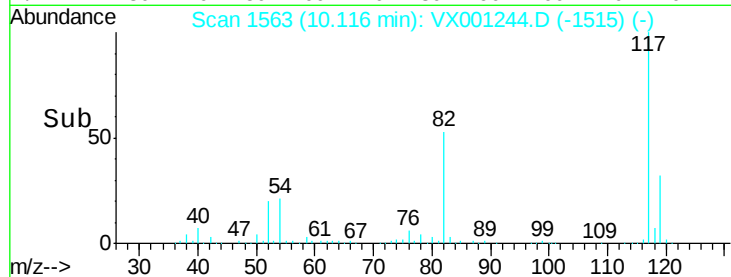
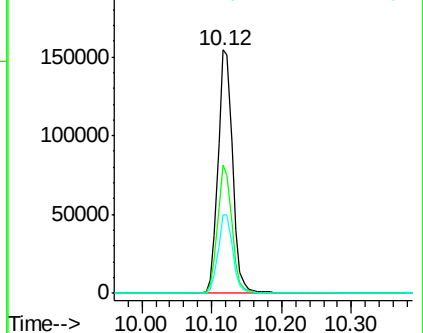
119 32.1 26.1 39.1



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



#64

Tetrachloroethene

Concen: 0.53 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Tgt Ion:164 Resp: 1281

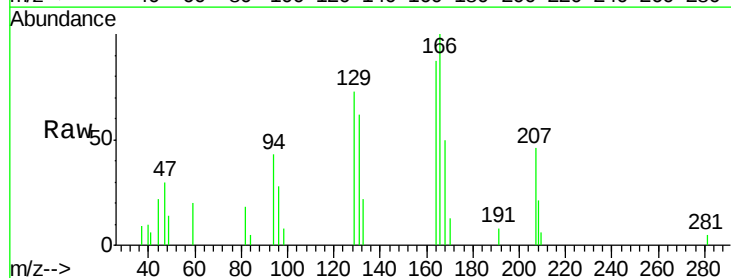
Ion Ratio Lower Upper

164 100

166 115.0 105.0 157.6

129 84.1 69.4 104.2

131 71.8 67.3 100.9

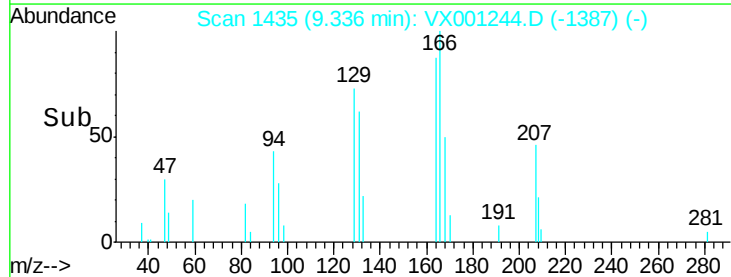
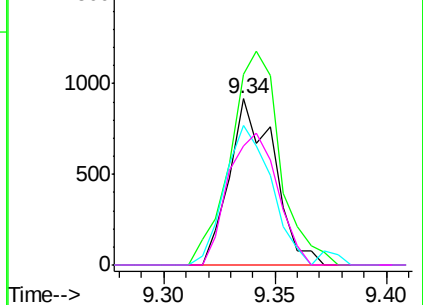


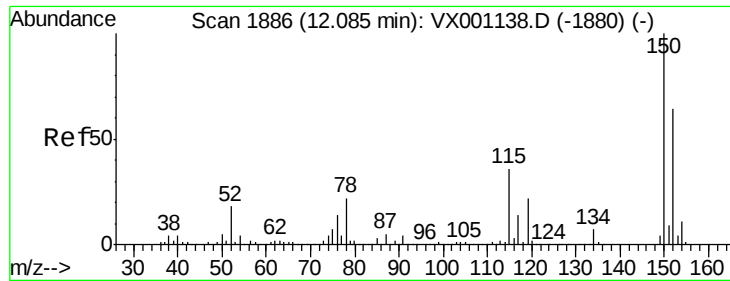
Abundance Ion 163.80 (163.50 to 164.50): V

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20180425

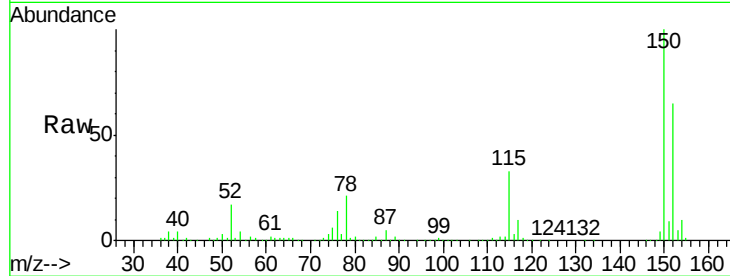
Tgt Ion:152 Resp: 126104

Ion Ratio Lower Upper

152 100

115 52.2 38.0 114.0

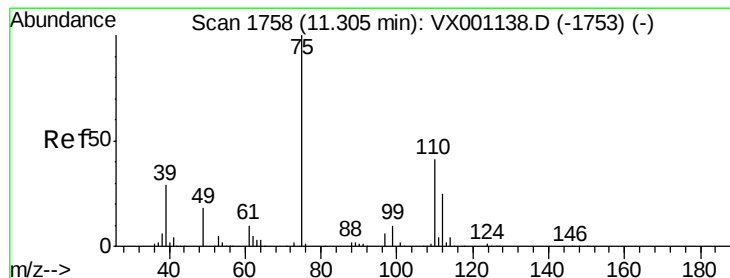
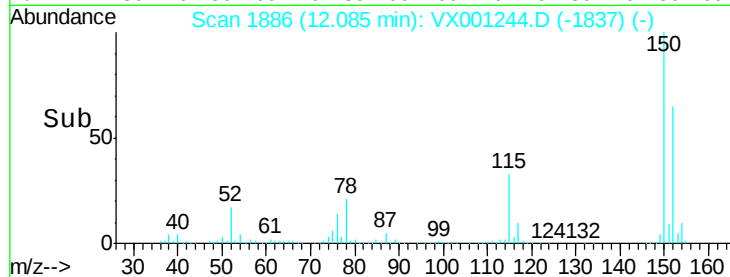
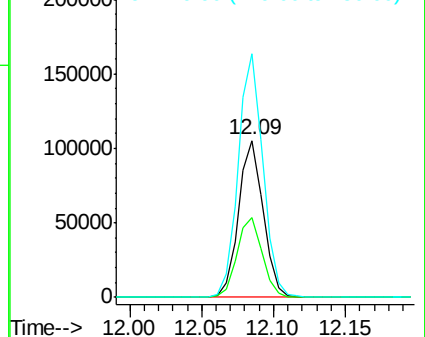
150 155.8 0.0 349.6



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: 27.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001244.D

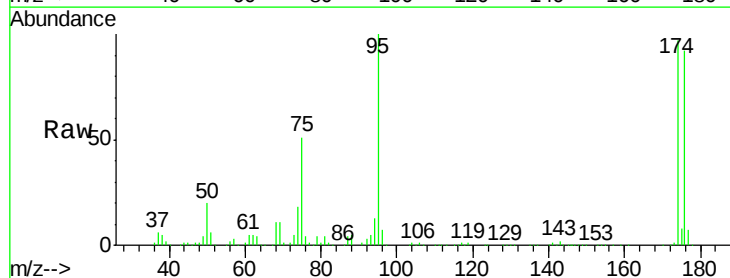
Acq: 29 Apr 2018 05:10

Tgt Ion: 75 Resp: 71267

Ion Ratio Lower Upper

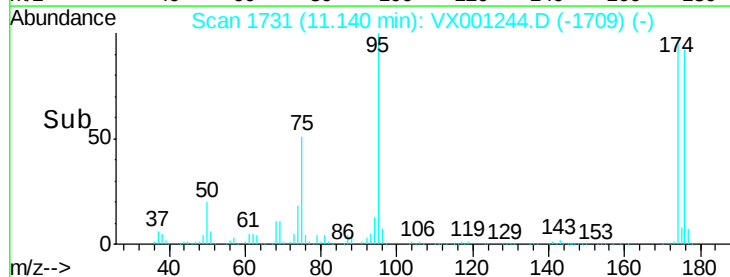
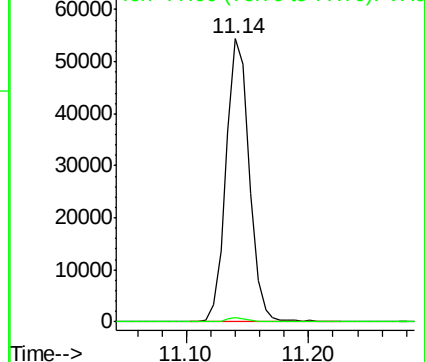
75 100

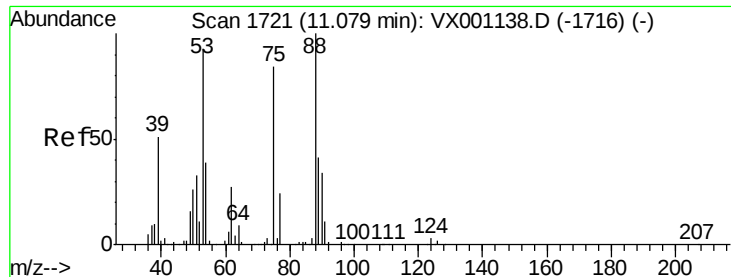
77 1.3 18.9 56.9#



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: 84.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001244.D

Acq: 29 Apr 2018 05:10

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20180425

Tgt Ion: 75 Resp: 71267

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#

