

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001441.D
 Acq On : 06 May 2018 13:57
 Operator : JC/MD
 Sample : J2659-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303D-20180428

Quant Time: May 07 07:08:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	400525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194100	50.00	ug/l	0.00

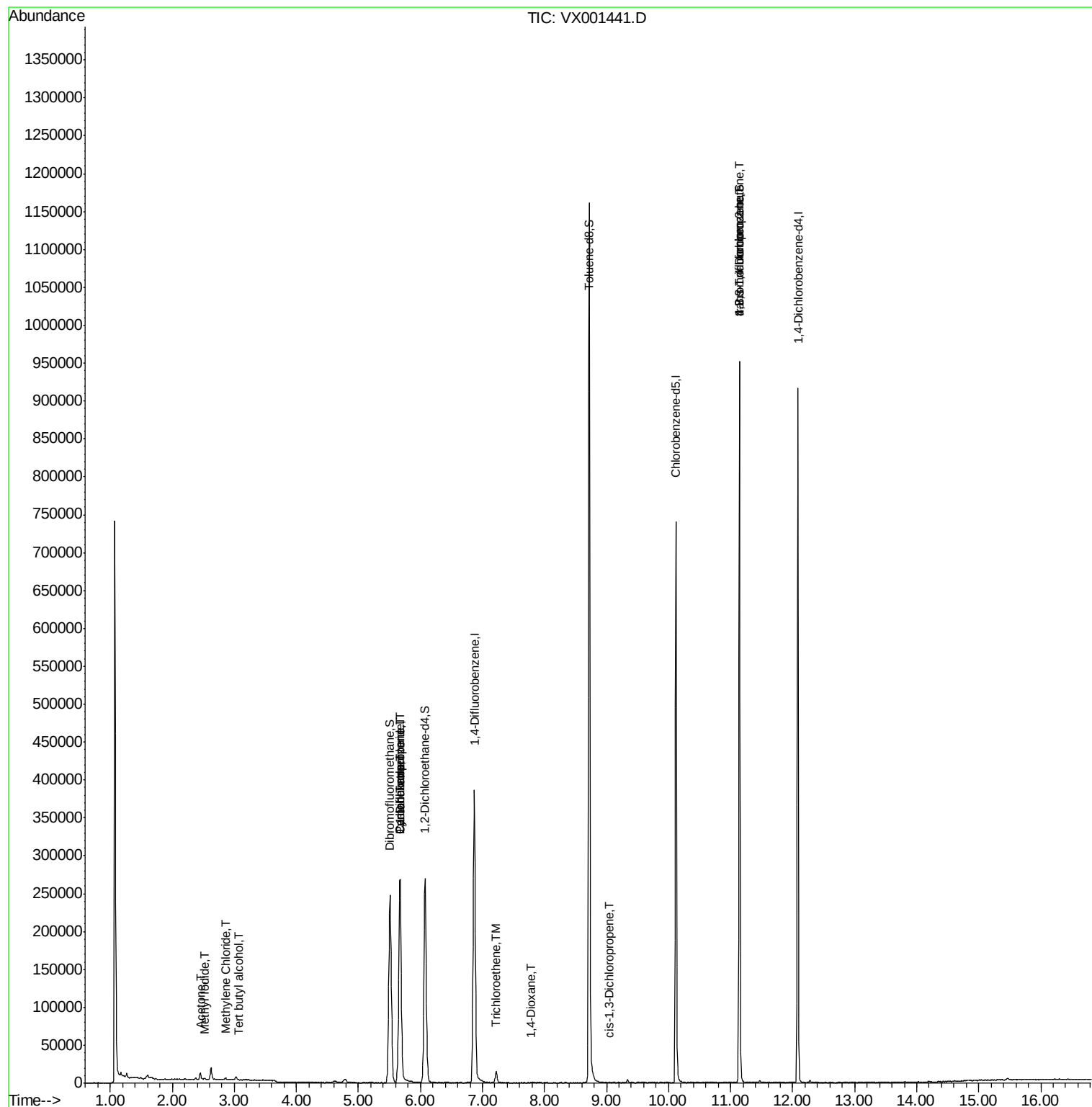
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	260238	62.59	ug/l	0.00
Spiked Amount			Recovery	=	125.18%	
35) Dibromofluoromethane	5.51	113	201803	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	
50) Toluene-d8	8.72	98	700746	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	11.14	95	235024	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

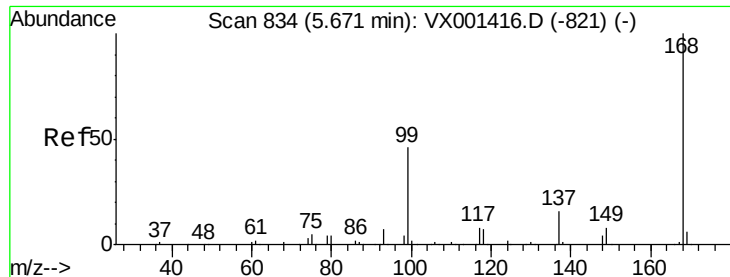
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1000	Below Cal		99
10) Methyl Iodide	2.52	142	1251	0.25 ug/l	#	84
11) Tert butyl alcohol	3.08	59	359	0.41 ug/l		95
13) Acrolein	2.29	56	213	Below Cal		87
16) Acetone	2.45	43	9010	4.77 ug/l		99
20) Methylene Chloride	2.86	84	906	0.24 ug/l	#	84
31) Cyclohexane	5.67	56	5098	0.95 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	18119	3.56 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24293	4.47 ug/l	#	16
44) Trichloroethene	7.22	130	5759	1.27 ug/l		98
49) 1,4-Dioxane	7.78	88	63	0.62 ug/l	#	31
54) cis-1,3-Dichloropropene	9.04	75	41	2.27 ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	119574	30.38 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	119574	92.83 ug/l	#	7

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

Instrument :
MSVOA_X
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Quant Time: May 07 07:08:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 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: VX001441.D

Acq: 06 May 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

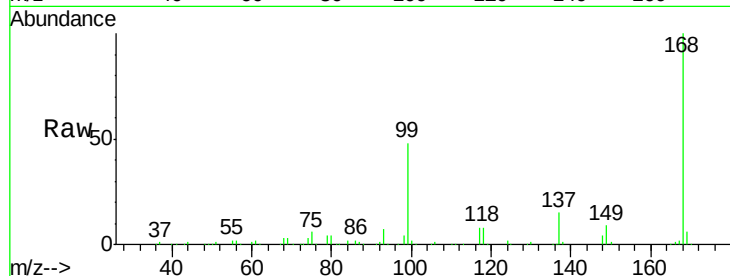
BPS1-TT-MW303D-20180428

Tgt Ion:168 Resp: 289267

Ion Ratio Lower Upper

168 100

99 47.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

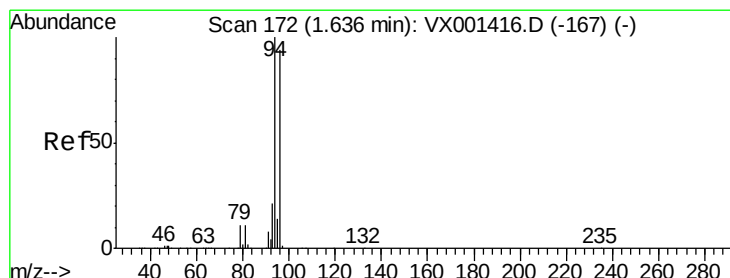
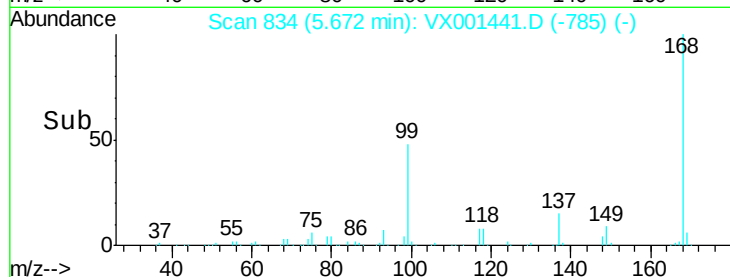
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001441.D

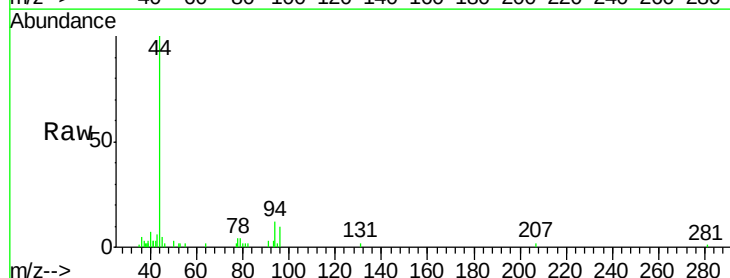
Acq: 06 May 2018 13:57

Tgt Ion: 94 Resp: 1000

Ion Ratio Lower Upper

94 100

96 92.9 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

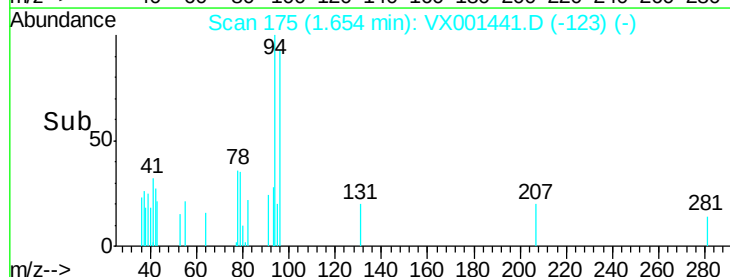
300

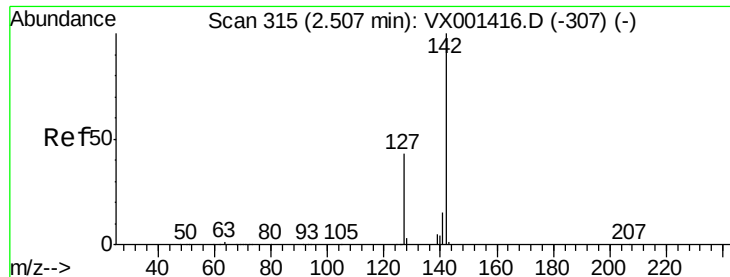
200

100

0

Time--> 1.60 1.65 1.70

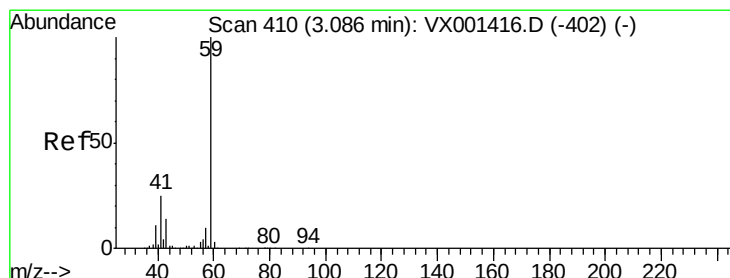
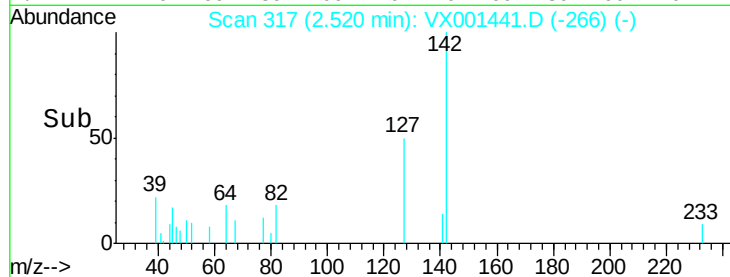
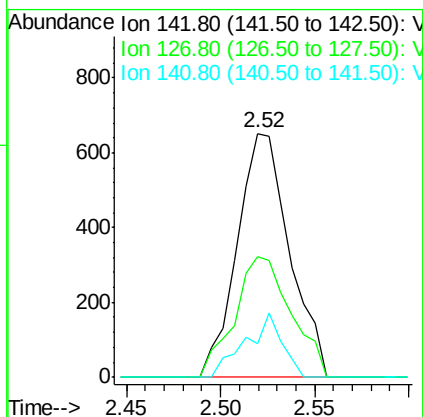
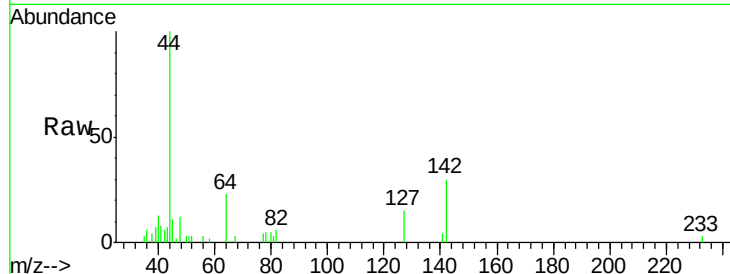




#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

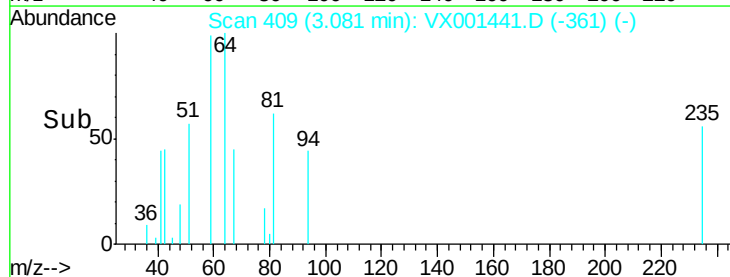
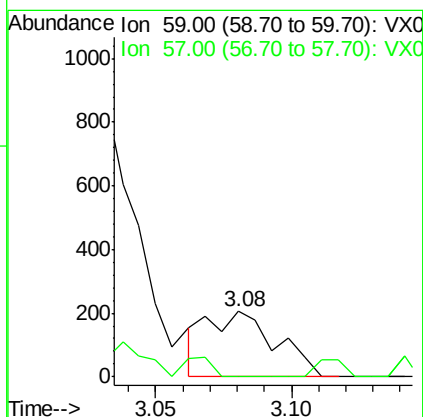
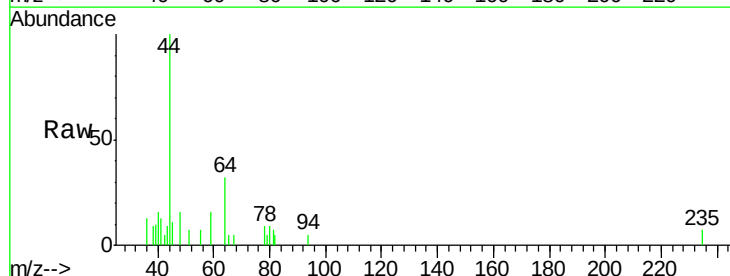
Instrument :
MSVOA_X
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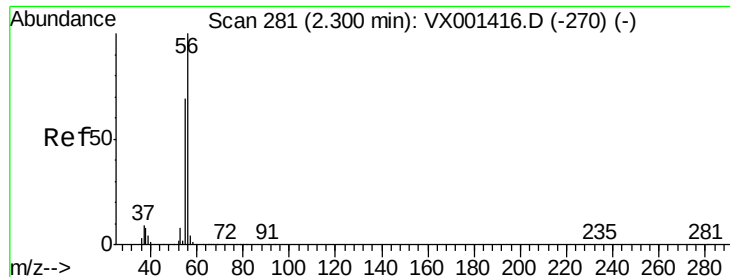
Tgt Ion: 142 Resp: 1251
Ion Ratio Lower Upper
142 100
127 53.5 33.6 50.4#
141 18.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

Tgt Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 12.3 8.2 12.4





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001441.D

Acq: 06 May 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

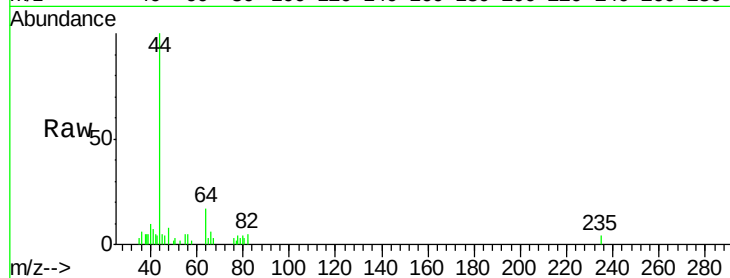
BPS1-TT-MW303D-20180428

Tgt Ion: 56 Resp: 213

Ion Ratio Lower Upper

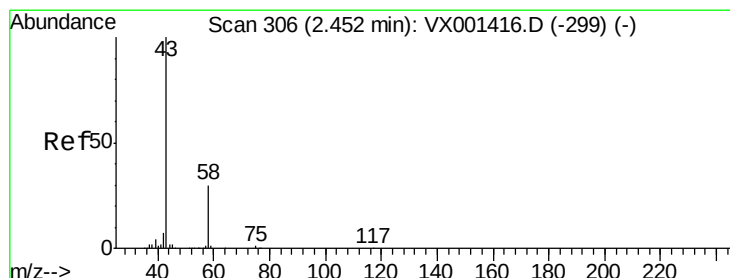
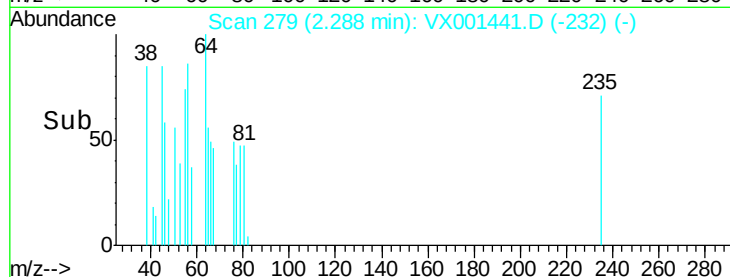
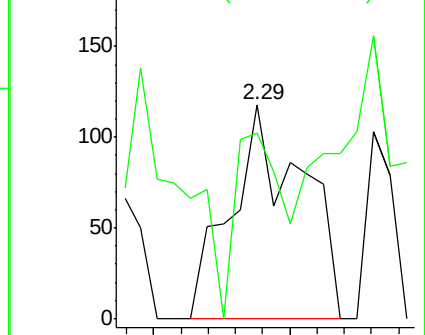
56 100

55 57.3 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 4.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001441.D

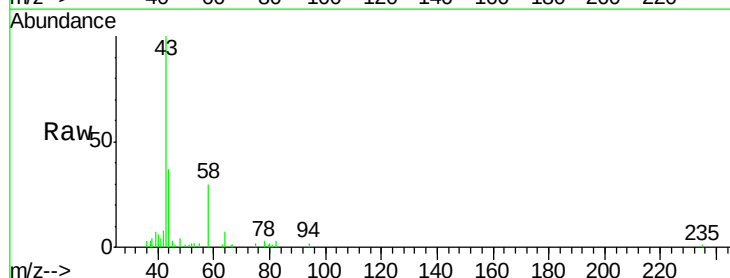
Acq: 06 May 2018 13:57

Tgt Ion: 43 Resp: 9010

Ion Ratio Lower Upper

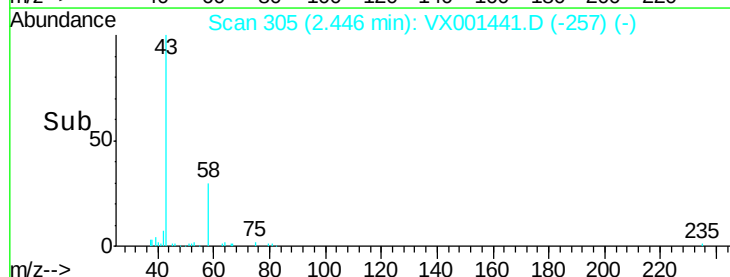
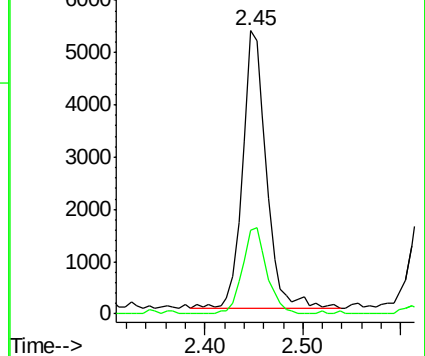
43 100

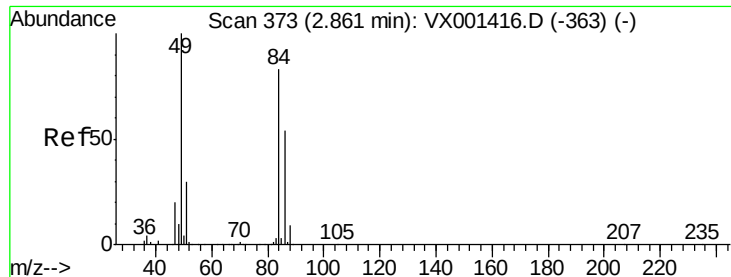
58 30.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

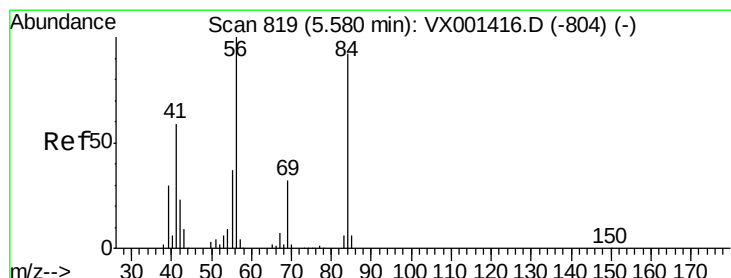
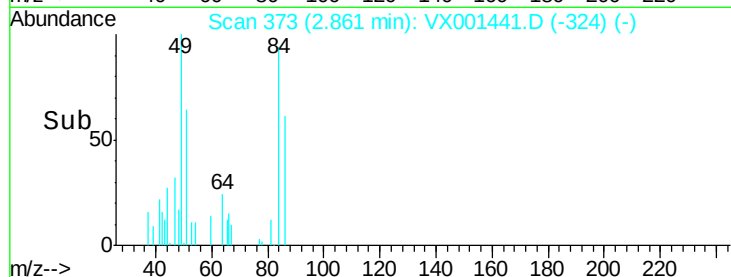
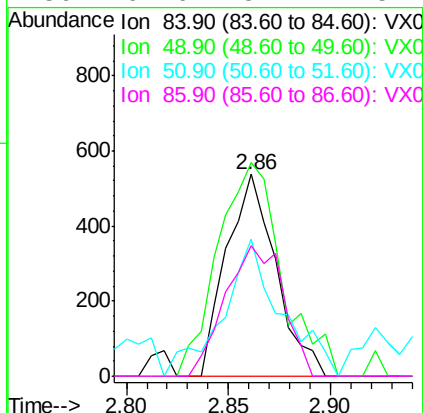
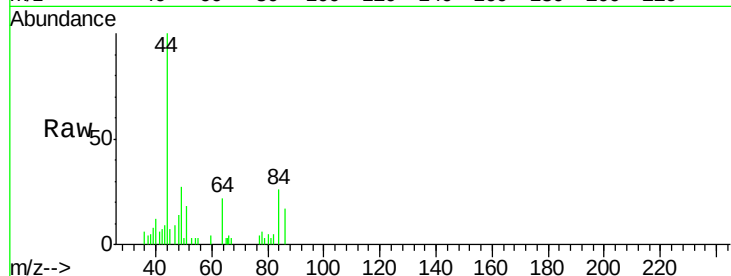




#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

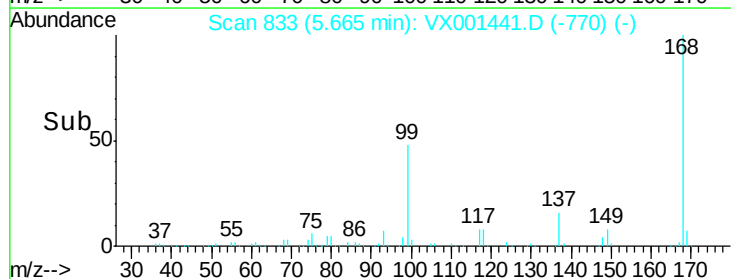
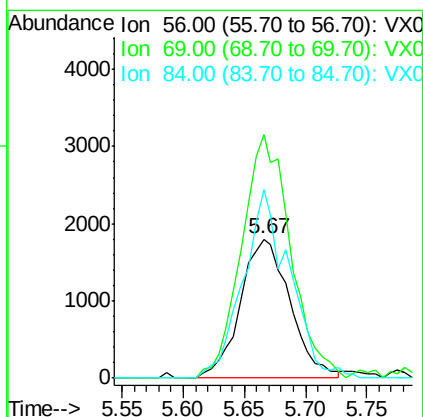
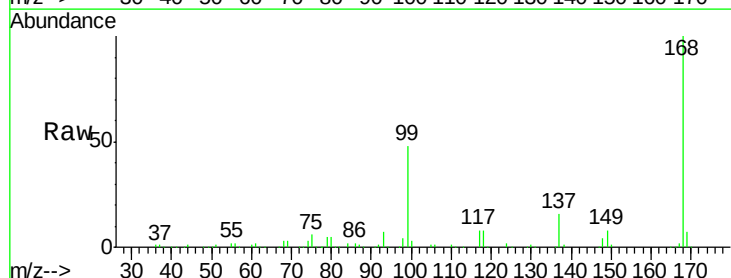
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303D-20180428

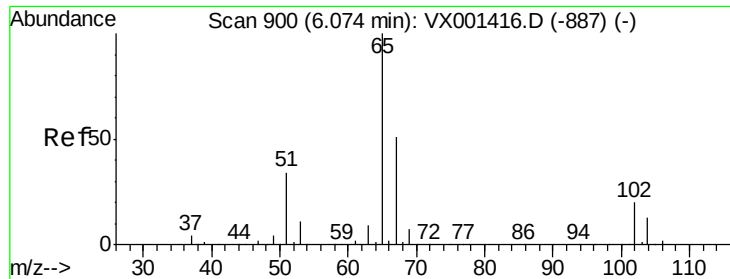
Tgt Ion:	84	Resp:	906
Ion	Ratio	Lower	Upper
84	100		
49	106.0	96.6	144.8
51	68.2	29.0	43.4#
86	64.6	52.2	78.4



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

Tgt Ion:	56	Resp:	5098
Ion	Ratio	Lower	Upper
56	100		
69	175.4	25.4	38.0#
84	135.6	73.8	110.8#

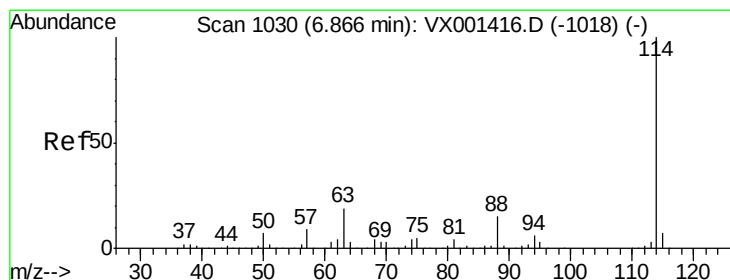
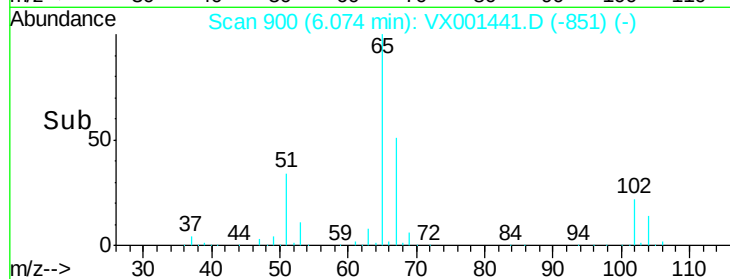
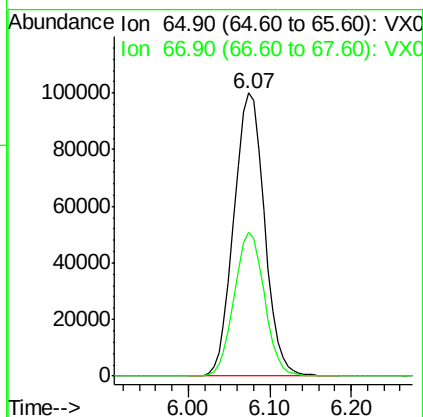
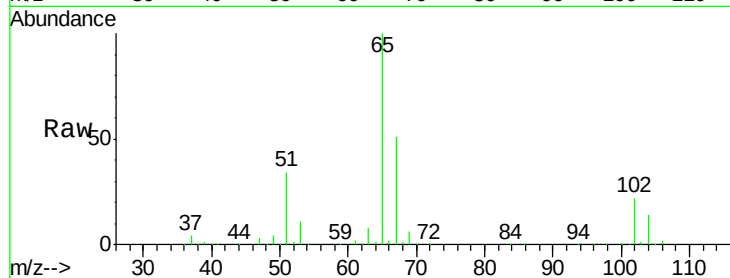




#33
 1,2-Dichloroethane-d4
 Concen: 62.59 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001441.D
 Acq: 06 May 2018 13:57

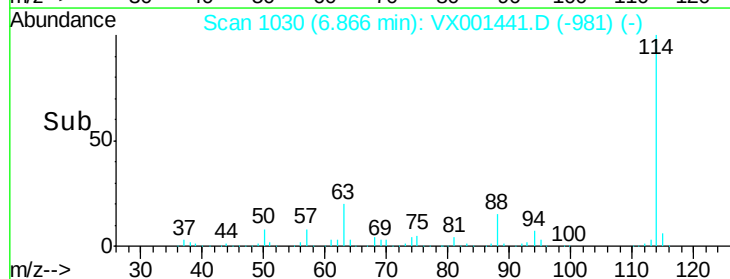
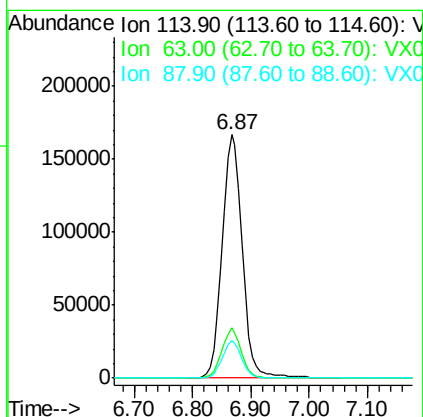
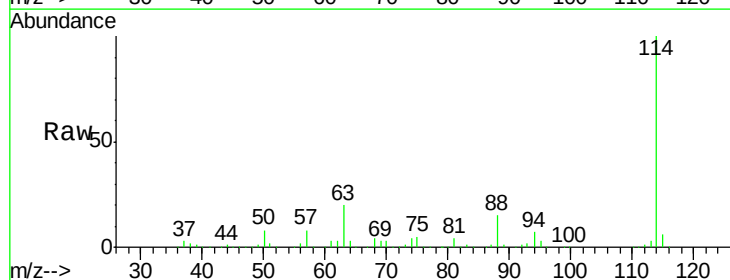
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303D-20180428

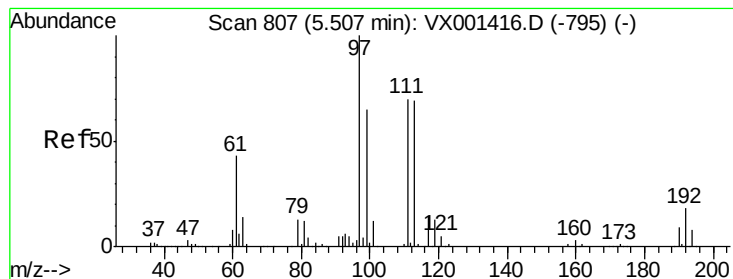
Tgt Ion: 65 Resp: 260238
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001441.D
 Acq: 06 May 2018 13:57

Tgt Ion: 114 Resp: 400525
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.6
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.64 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001441.D

Acq: 06 May 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20180428

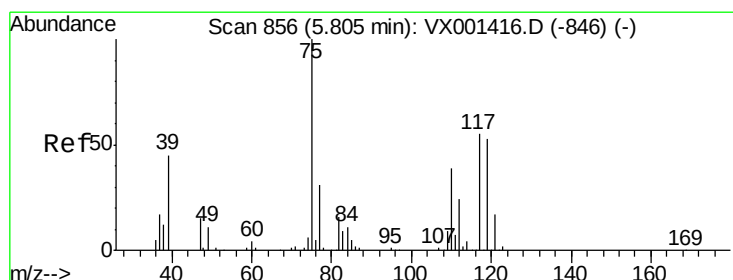
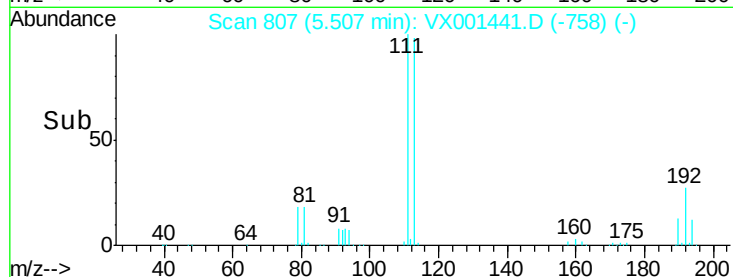
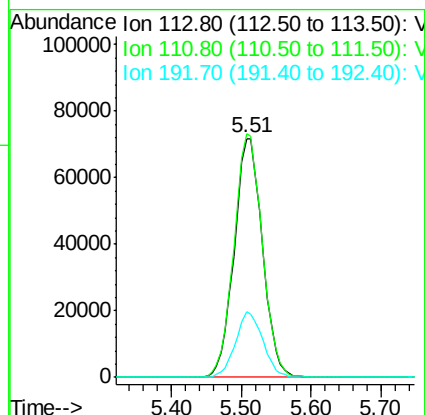
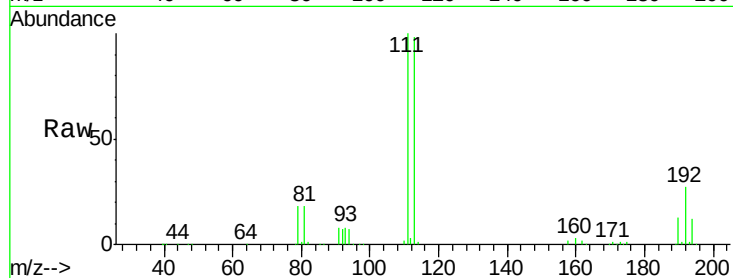
Tgt Ion:113 Resp: 201803

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 26.5 21.4 32.0



#36

1,1-Dichloropropene

Concen: 3.56 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001441.D

Acq: 06 May 2018 13:57

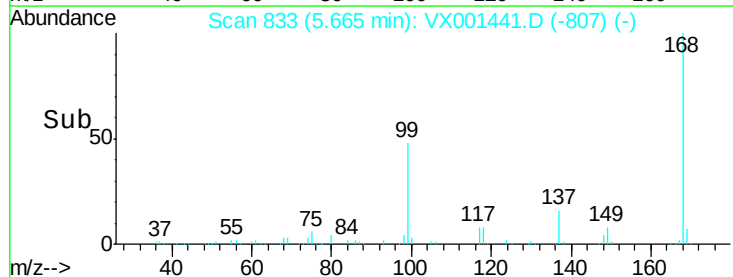
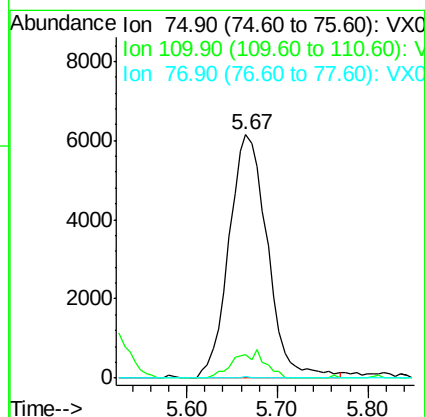
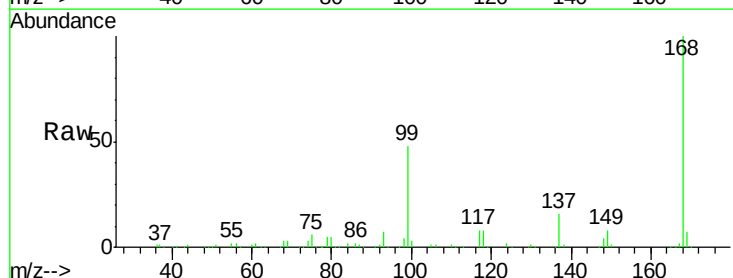
Tgt Ion: 75 Resp: 18119

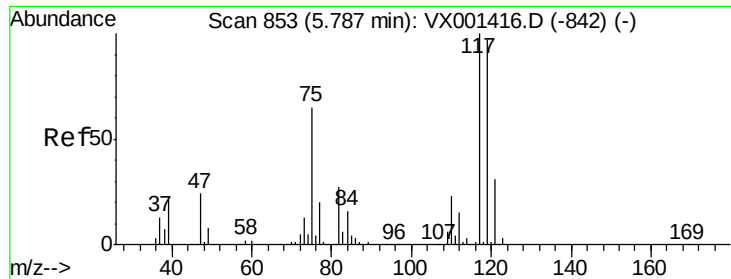
Ion Ratio Lower Upper

75 100

110 9.3 18.9 56.7#

77 0.1 24.9 37.3#

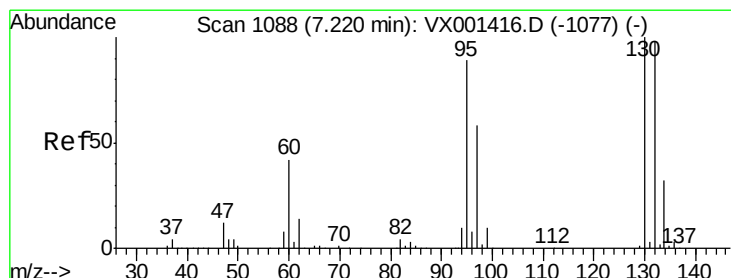
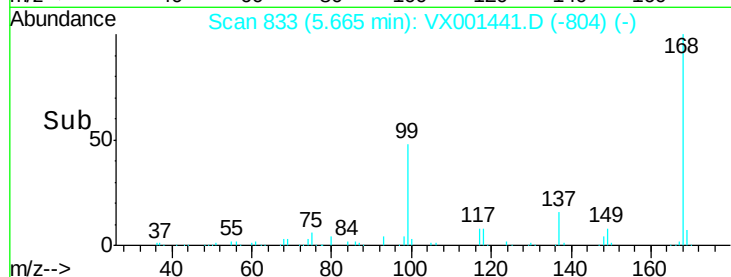
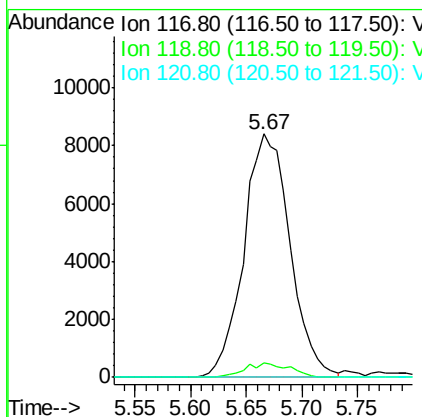
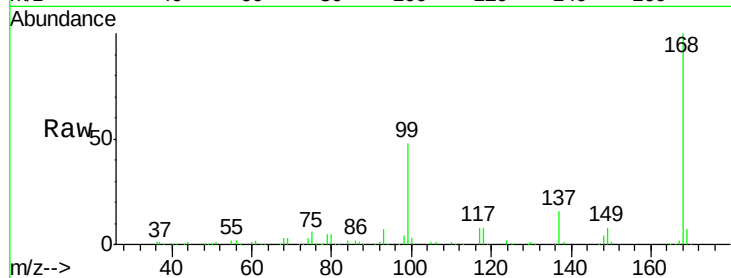




#38
Carbon Tetrachloride
Concen: 4.47 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

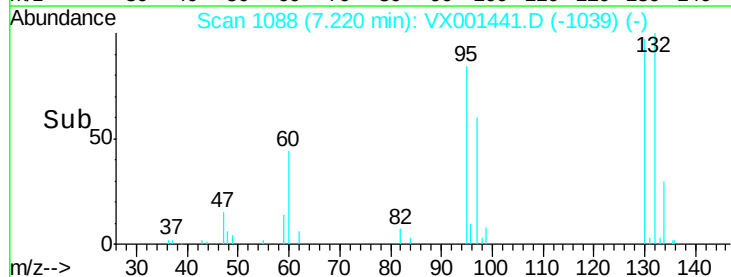
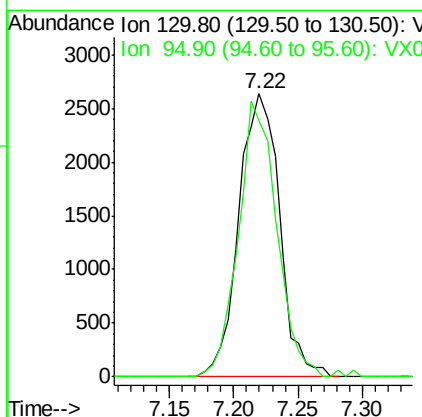
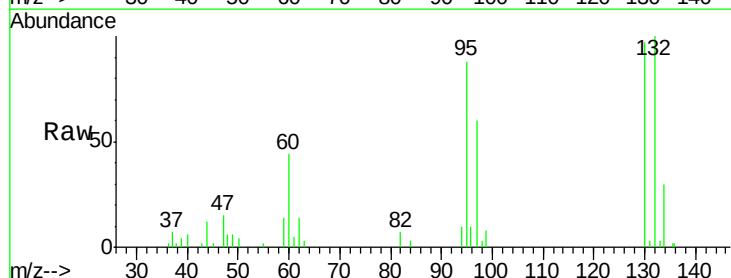
Instrument :
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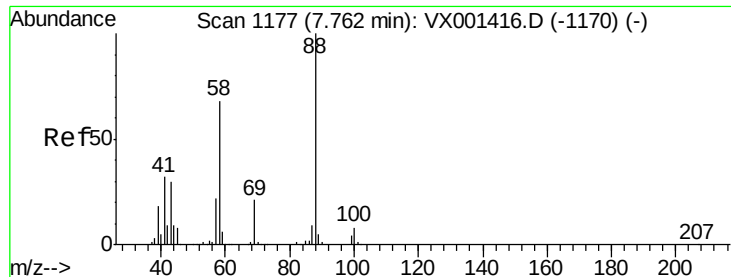
Tgt Ion:117 Resp: 24293
Ion Ratio Lower Upper
117 100
119 5.7 77.0 115.6#
121 0.0 25.1 37.7#



#44
Trichloroethene
Concen: 1.27 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

Tgt Ion:130 Resp: 5759
Ion Ratio Lower Upper
130 100
95 90.7 0.0 178.4





#49

1,4-Dioxane

Concen: 0.62 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.02 min

Lab File: VX001441.D

Acq: 06 May 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20180428

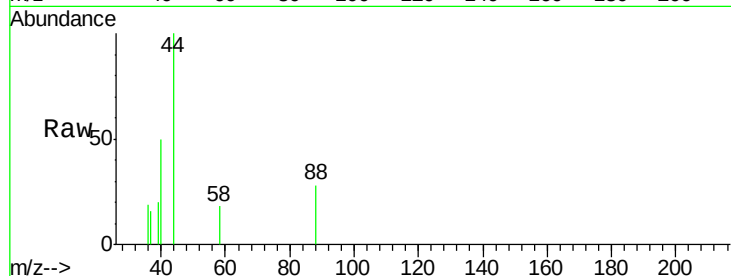
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 68.3 26.4 39.6#

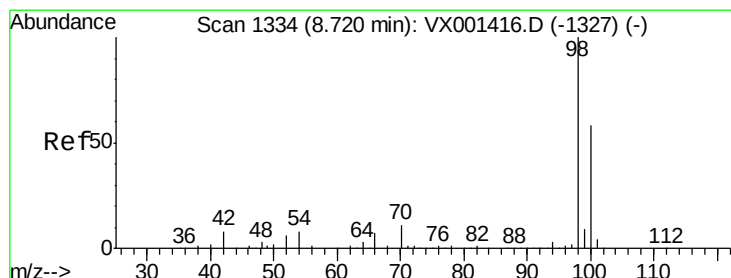
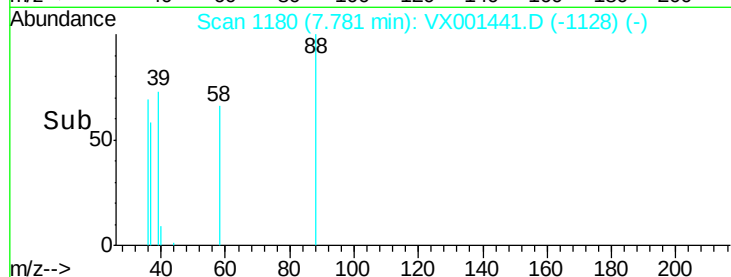
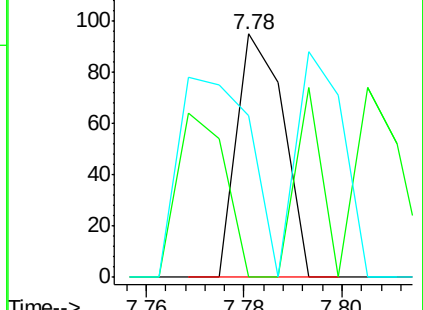
58 125.4 54.1 81.1#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001441.D

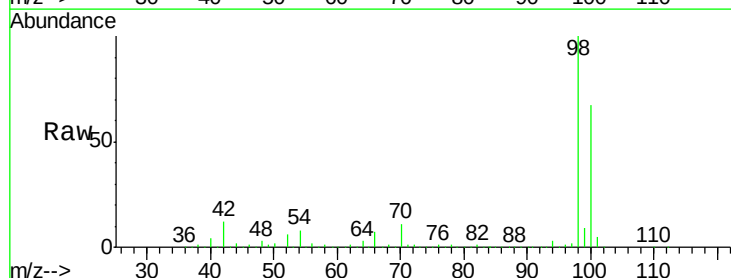
Acq: 06 May 2018 13:57

Tgt Ion: 98 Resp: 700746

Ion Ratio Lower Upper

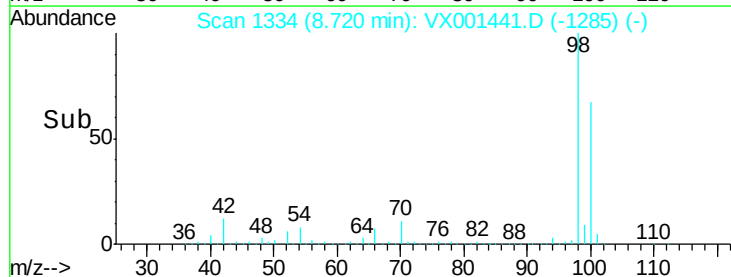
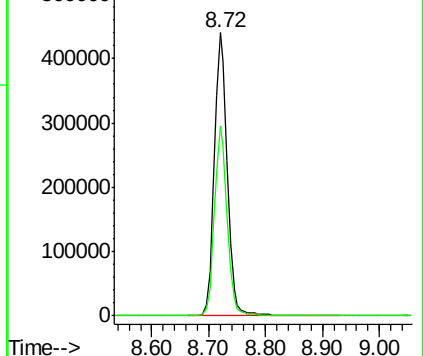
98 100

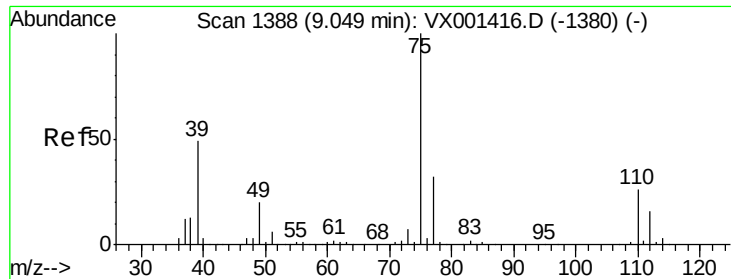
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

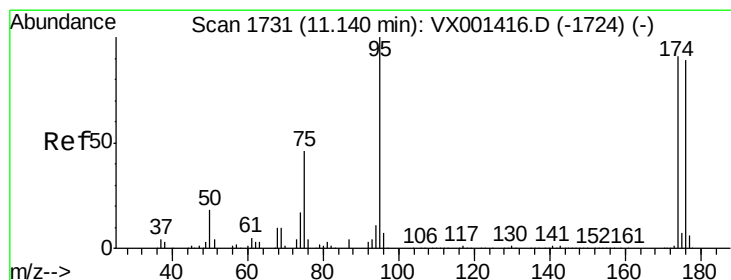
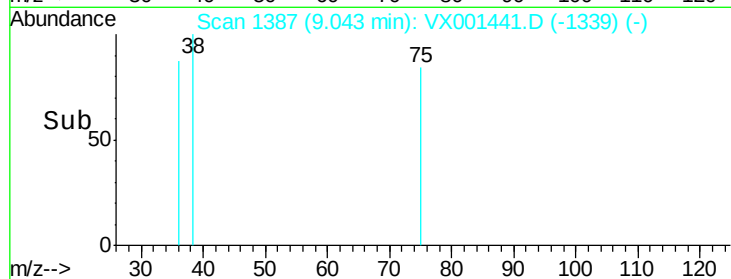
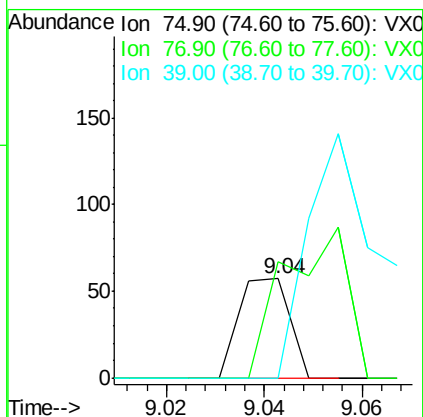
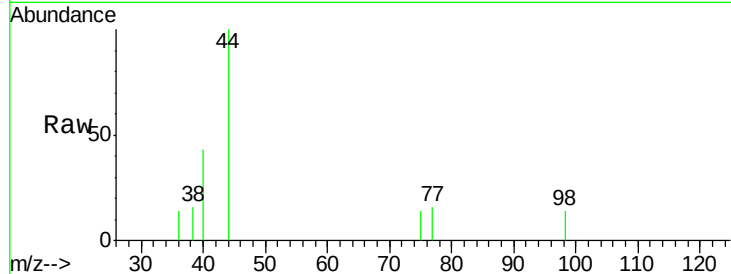




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001441.D
 Acq: 06 May 2018 13:57

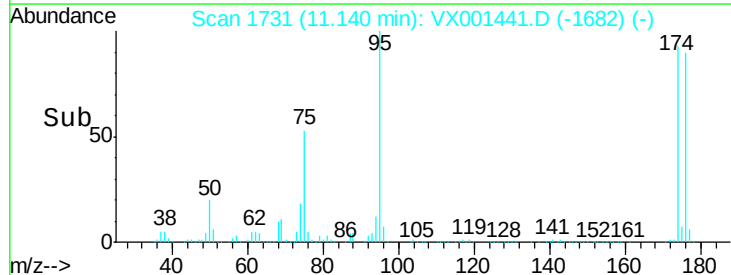
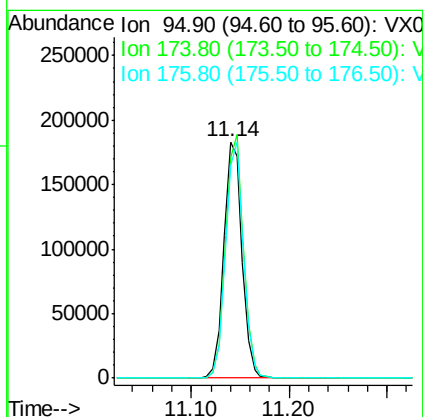
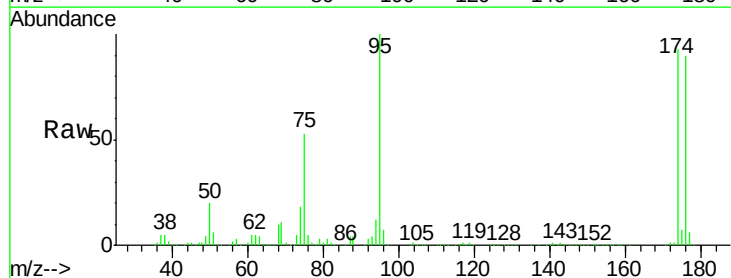
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303D-20180428

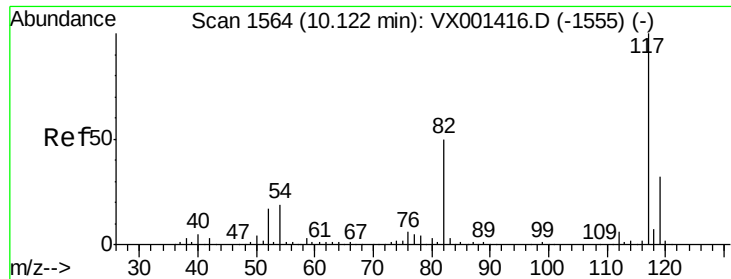
Tgt Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 77 117.5 25.5 38.3#
 39 0.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 47.08 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001441.D
 Acq: 06 May 2018 13:57

Tgt Ion: 95 Resp: 235024
 Ion Ratio Lower Upper
 95 100
 174 101.9 0.0 202.0
 176 98.3 0.0 197.4

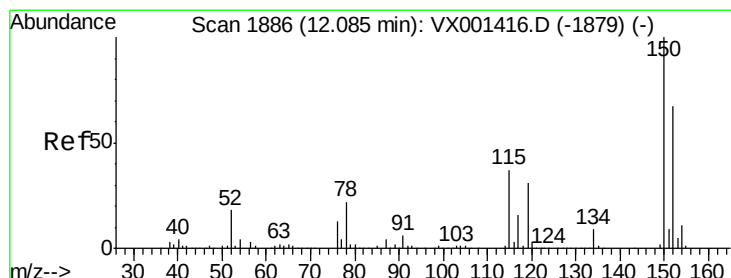
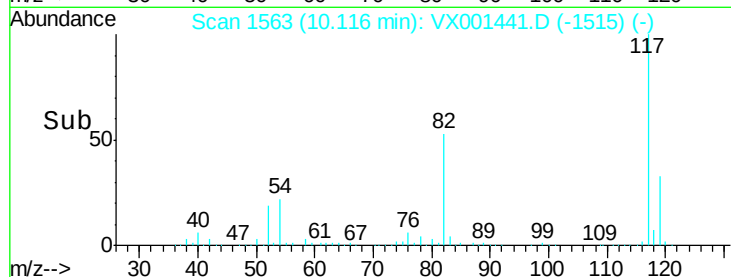
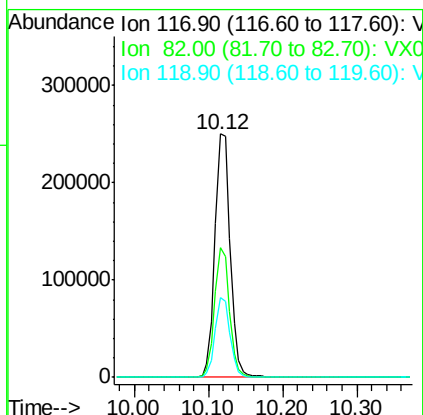
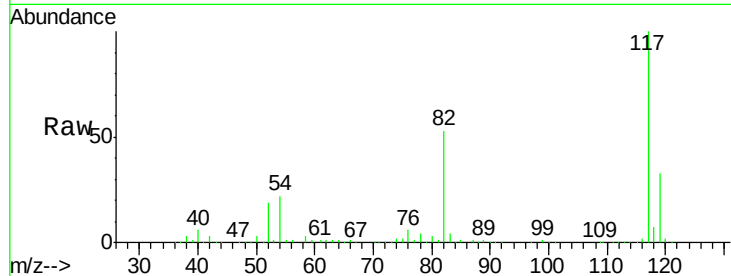




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

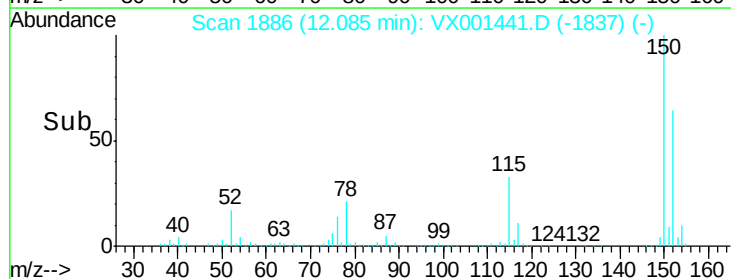
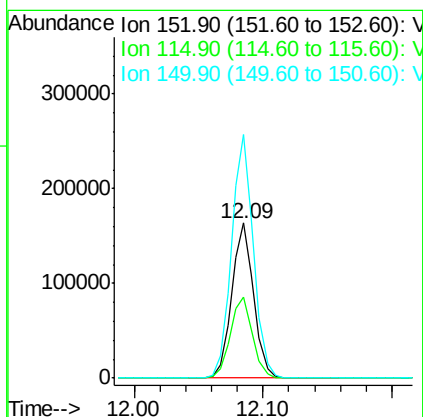
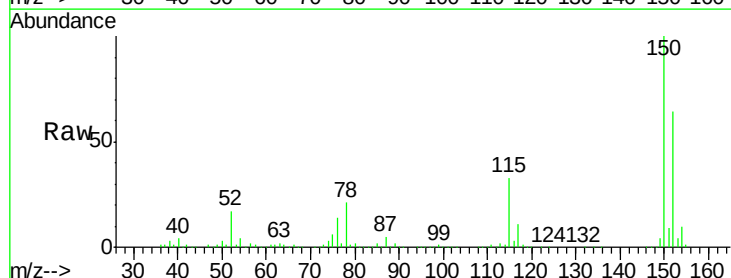
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303D-20180428

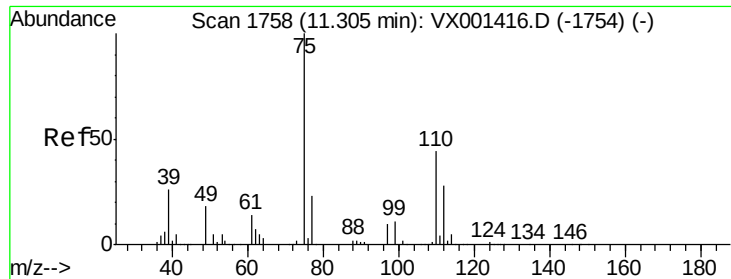
Tgt Ion:117 Resp: 353415
Ion Ratio Lower Upper
117 100
82 53.2 40.0 60.0
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001441.D
Acq: 06 May 2018 13:57

Tgt Ion:152 Resp: 194100
Ion Ratio Lower Upper
152 100
115 52.8 37.7 113.1
150 156.7 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 30.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001441.D

Acq: 06 May 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

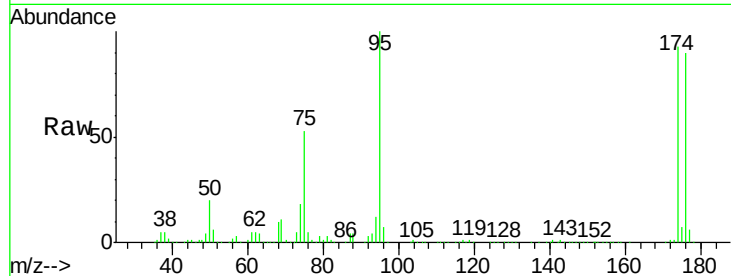
BPS1-TT-MW303D-20180428

Tgt Ion: 75 Resp: 119574

Ion Ratio Lower Upper

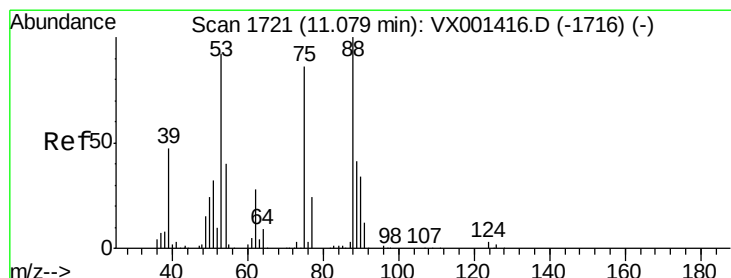
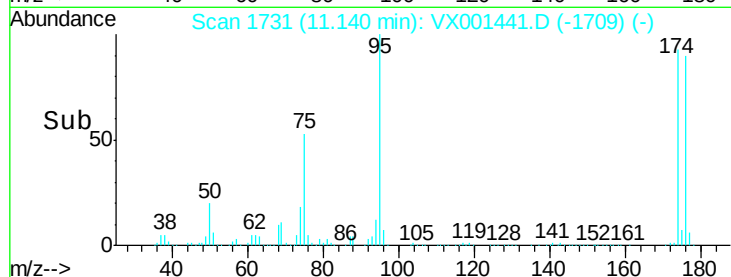
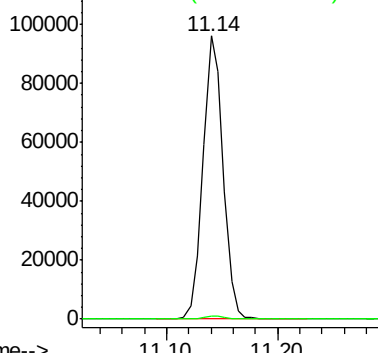
75 100

77 1.2 19.6 58.7#



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: 92.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001441.D

Acq: 06 May 2018 13:57

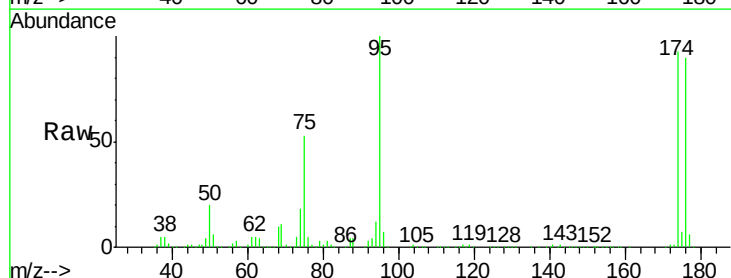
Tgt Ion: 75 Resp: 119574

Ion Ratio Lower Upper

75 100

53 0.0 84.5 126.7#

89 0.0 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

