

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001468.D
 Acq On : 07 May 2018 16:13
 Operator : JC/MD
 Sample : J2659-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20180428

Quant Time: May 08 06:07:07 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	256668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165579	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	217599	58.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.96%	
35) Dibromofluoromethane	5.51	113	169562	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
50) Toluene-d8	8.72	98	596495	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.14	95	194271	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	

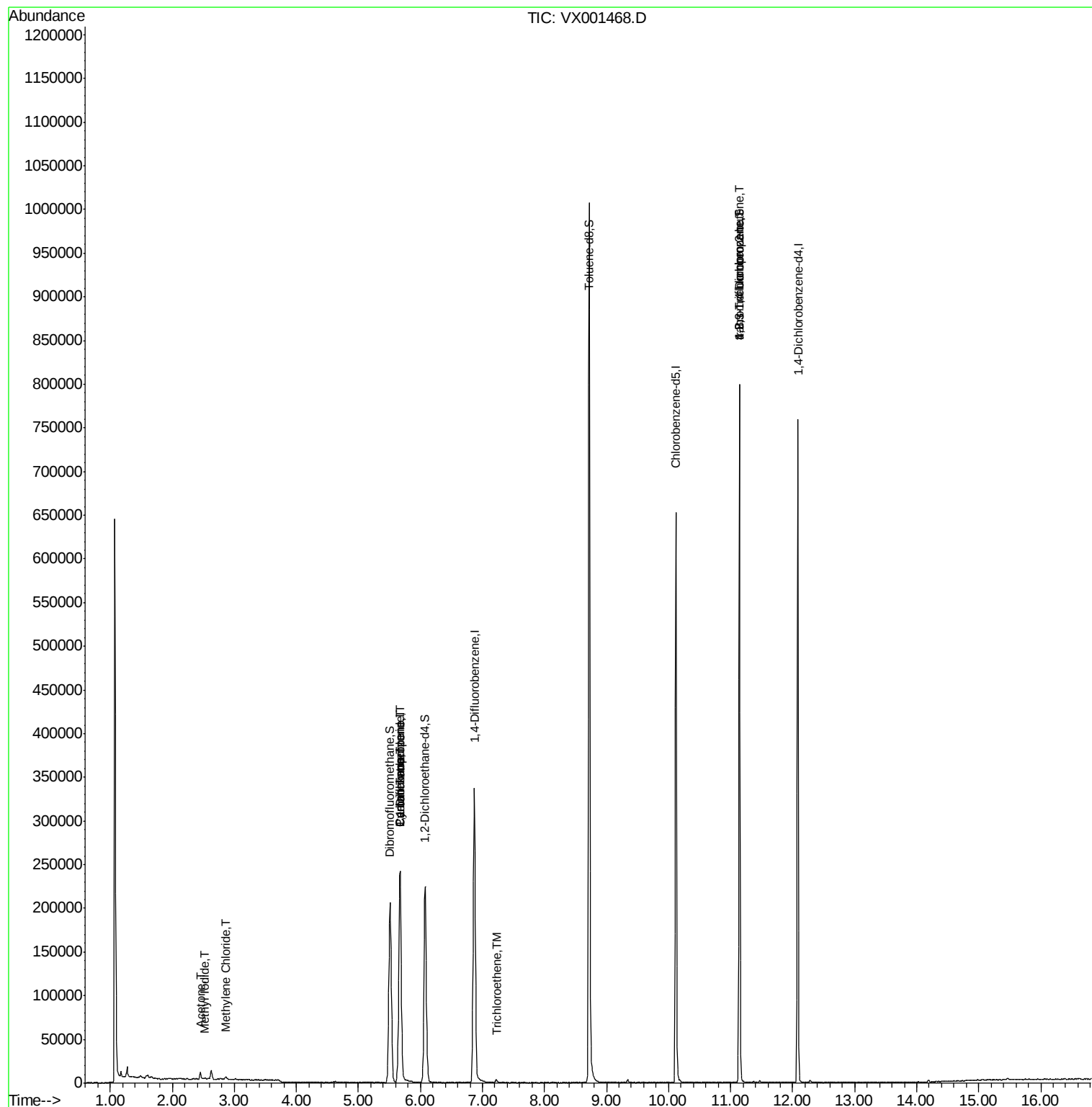
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1381	Below Cal	#	73
10) Methyl Iodide	2.52	142	1151	0.26 ug/l	#	91
13) Acrolein	2.31	56	66	Below Cal	#	16
16) Acetone	2.45	43	8081	4.82 ug/l		97
20) Methylene Chloride	2.86	84	1232	0.37 ug/l	#	82
31) Cyclohexane	5.67	56	4547	0.96 ug/l	#	23
36) 1,1-Dichloropropene	5.67	75	15831	3.53 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22167	4.64 ug/l	#	16
44) Trichloroethene	7.23	130	1267	0.32 ug/l		88
76) 1,2,3-Trichloropropane	11.14	75	97429	29.01 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	97429	88.86 ug/l	#	7

(#) = 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: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

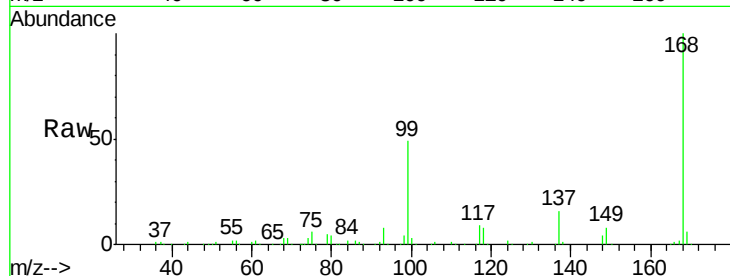
BPS1-TT-MW303S-20180428

Tgt Ion:168 Resp: 256668

Ion Ratio Lower Upper

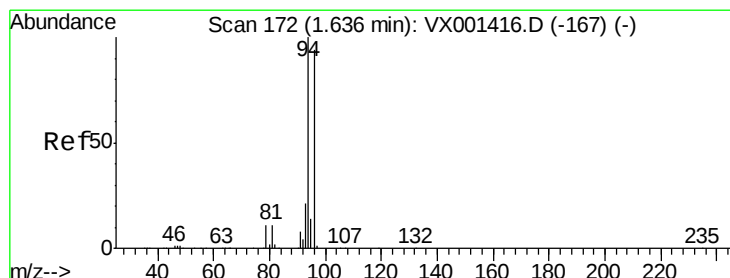
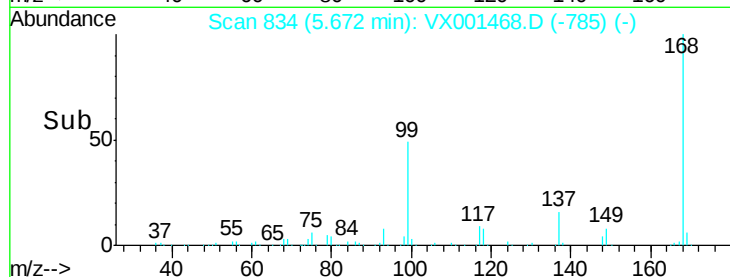
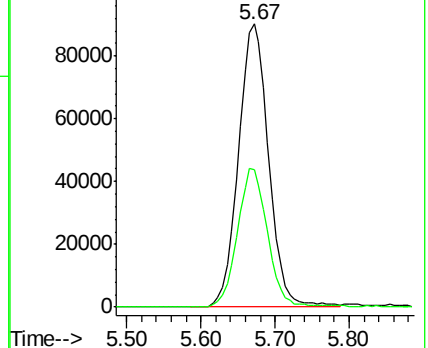
168 100

99 48.6 36.6 54.8



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: VX001468.D

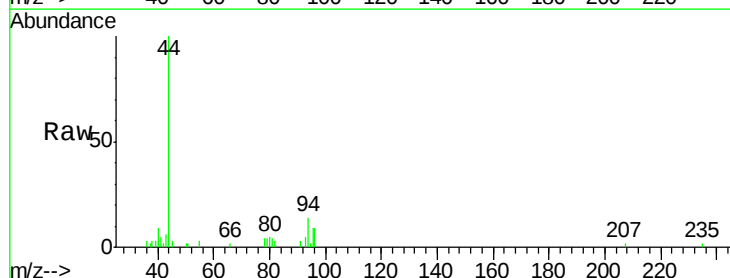
Acq: 07 May 2018 16:13

Tgt Ion: 94 Resp: 1381

Ion Ratio Lower Upper

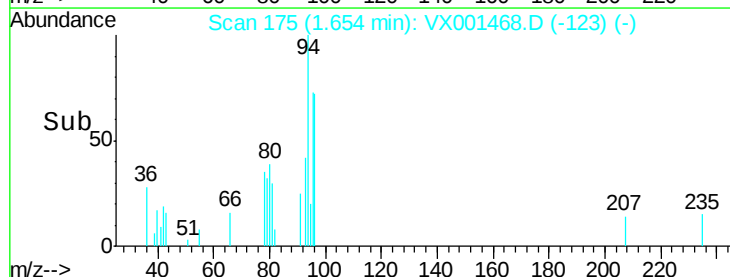
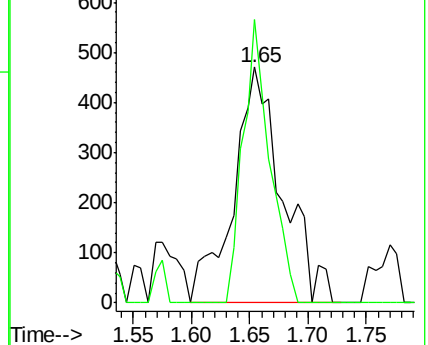
94 100

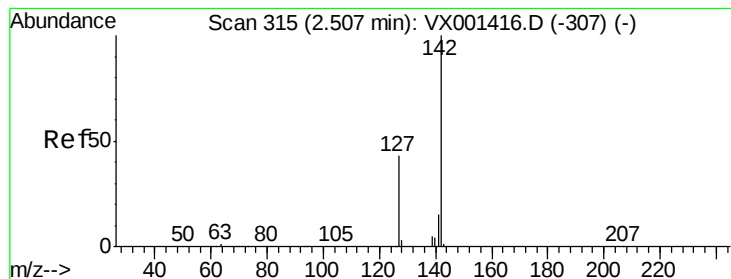
96 120.2 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 0.26 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20180428

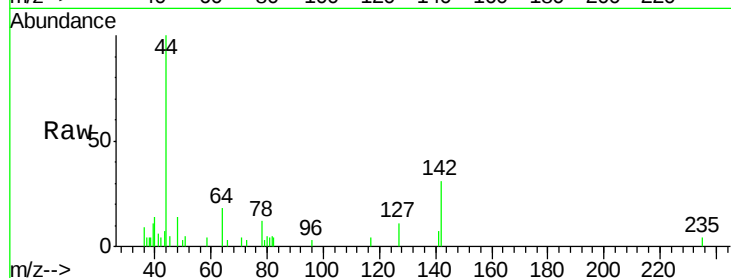
Tgt Ion:142 Resp: 1151

Ion Ratio Lower Upper

142 100

127 38.1 33.6 50.4

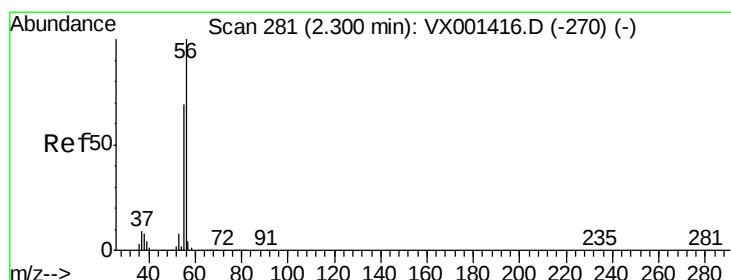
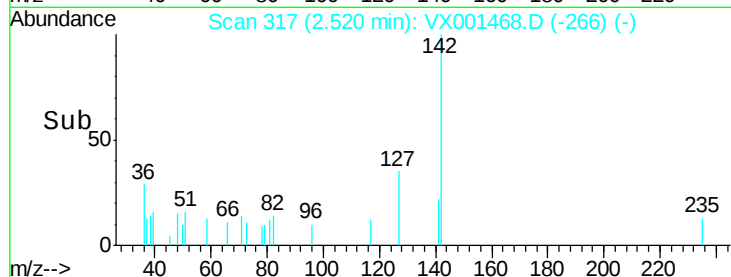
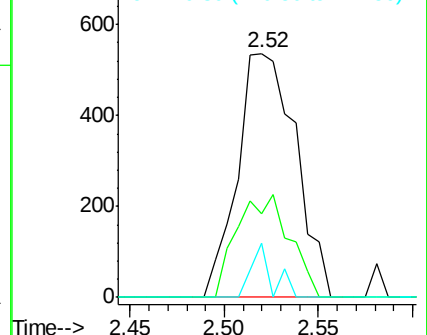
141 7.7 11.4 17.2#



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



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001468.D

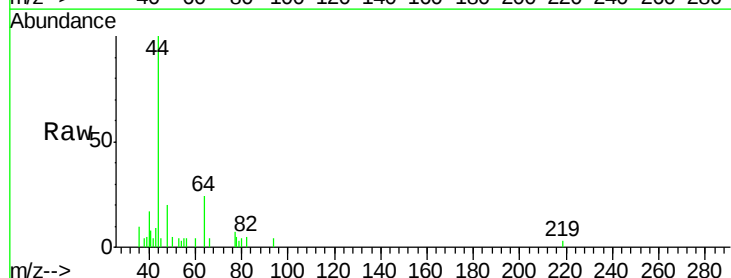
Acq: 07 May 2018 16:13

Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

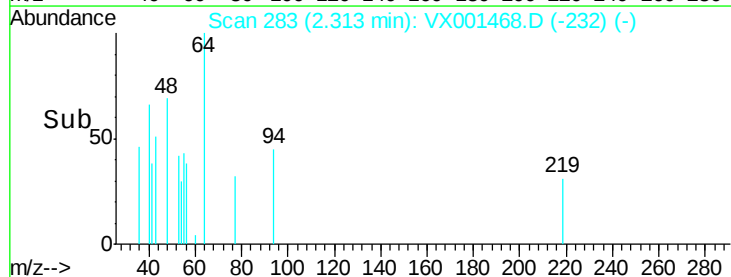
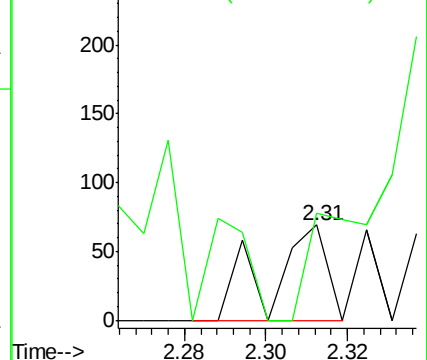
56 100

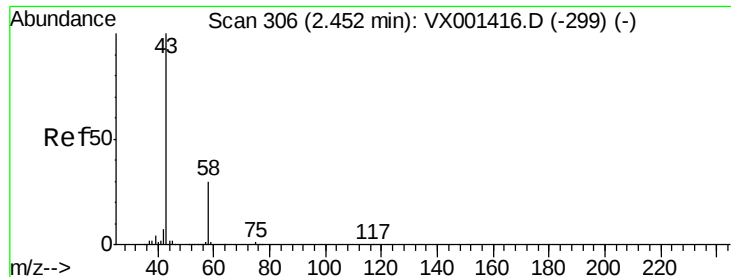
55 0.0 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 4.82 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

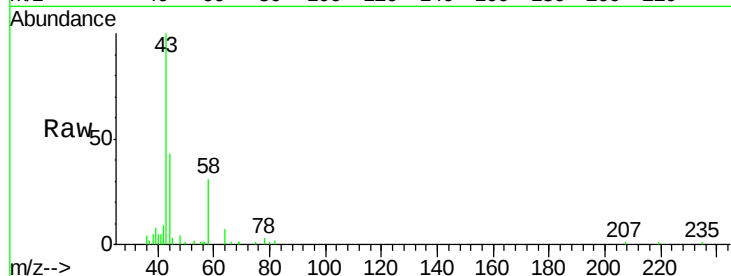
BPS1-TT-MW303S-20180428

Tgt Ion: 43 Resp: 8081

Ion Ratio Lower Upper

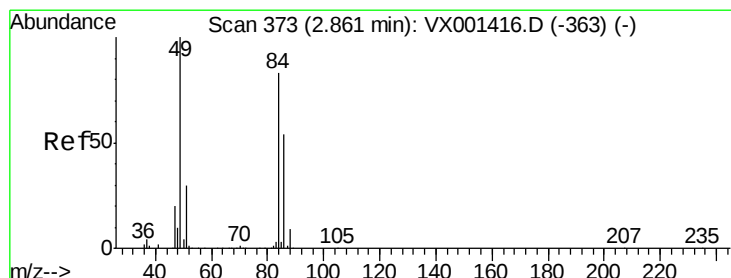
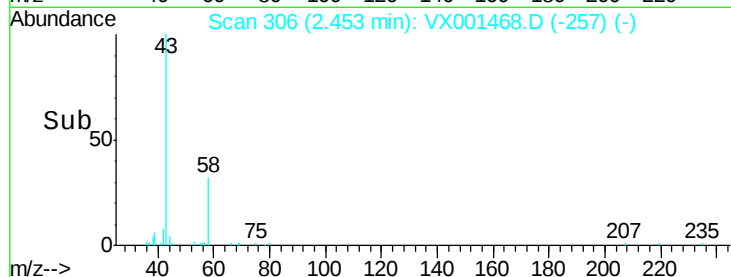
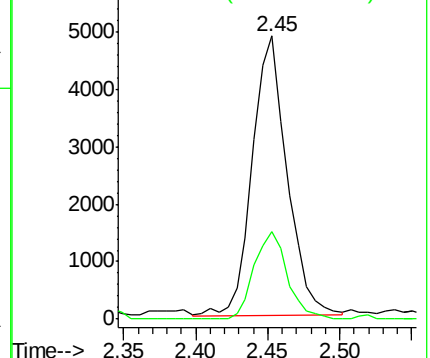
43 100

58 31.5 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: 0.37 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Tgt Ion: 84 Resp: 1232

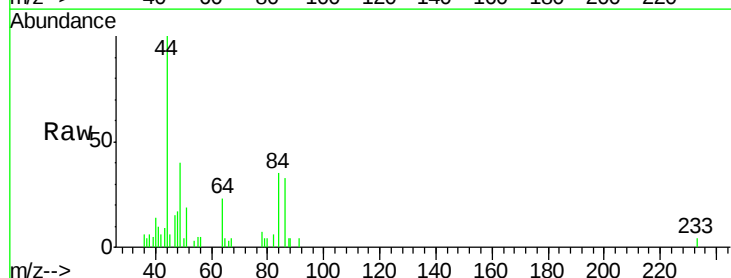
Ion Ratio Lower Upper

84 100

49 114.7 96.6 144.8

51 54.9 29.0 43.4#

86 92.5 52.2 78.4#

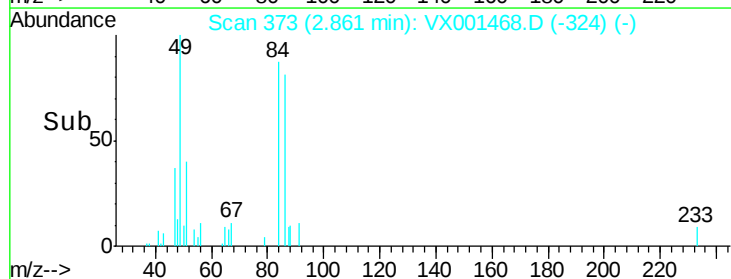
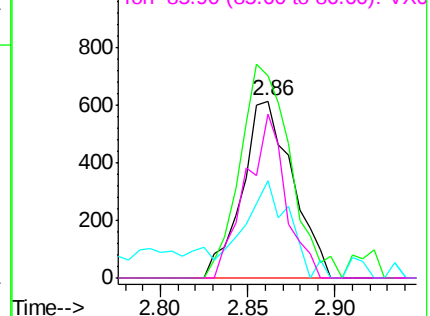


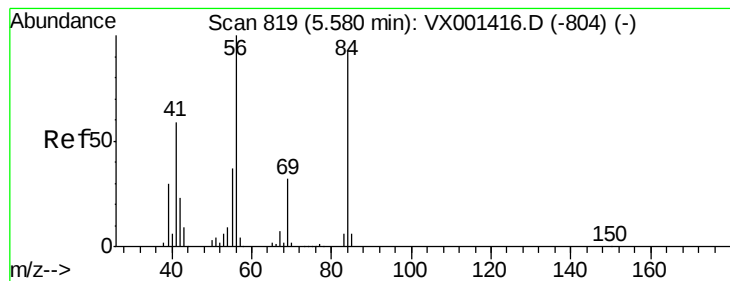
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20180428

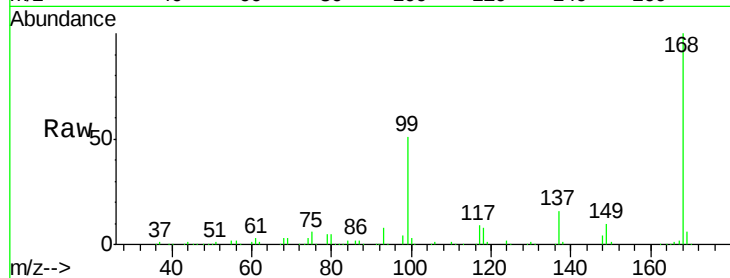
Tgt Ion: 56 Resp: 4547

Ion Ratio Lower Upper

56 100

69 152.2 25.4 38.0#

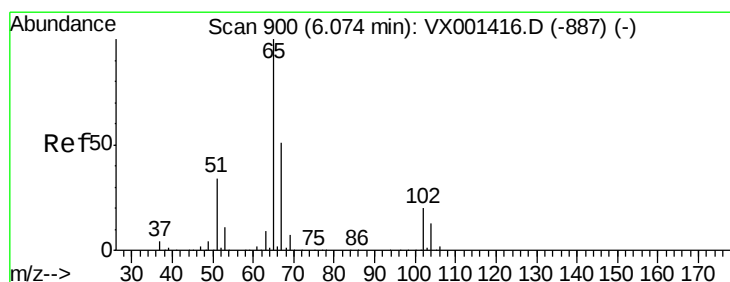
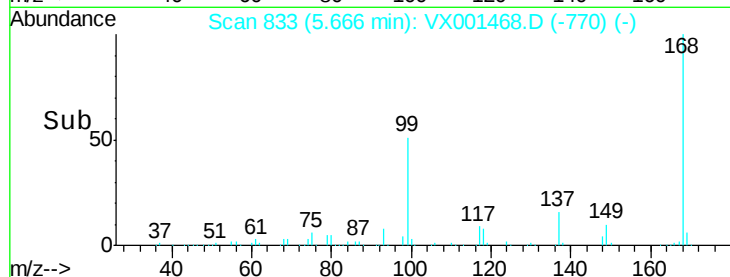
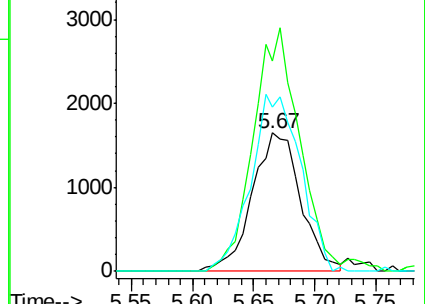
84 119.3 73.8 110.8#



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: 58.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001468.D

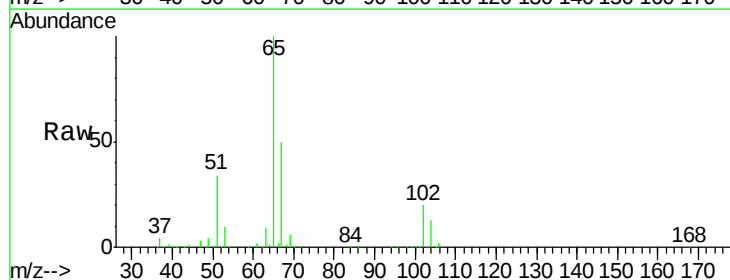
Acq: 07 May 2018 16:13

Tgt Ion: 65 Resp: 217599

Ion Ratio Lower Upper

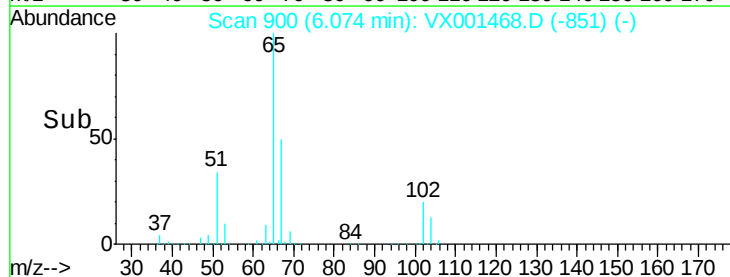
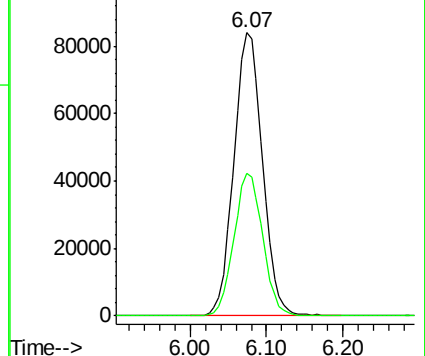
65 100

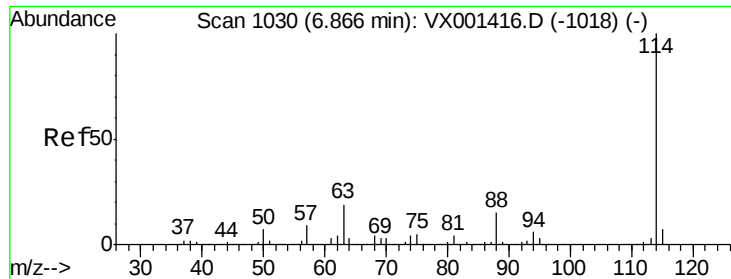
67 50.5 0.0 101.8



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: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

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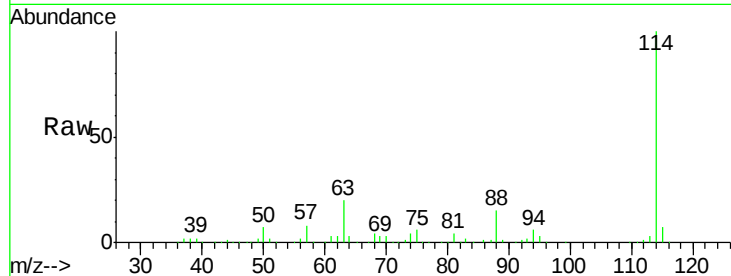
Tgt Ion:114 Resp: 352436

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

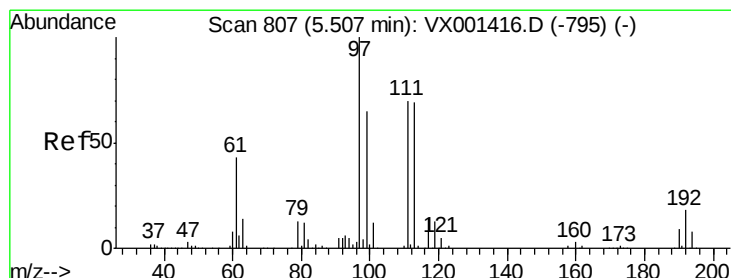
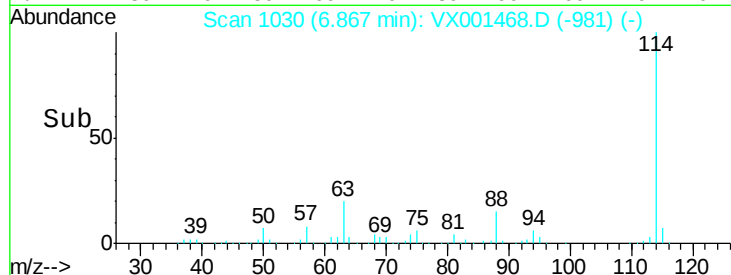
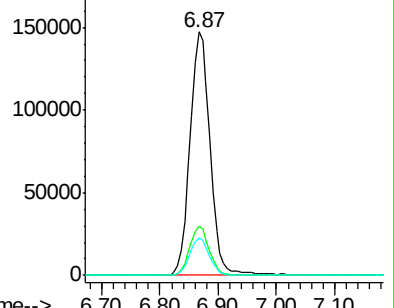
88 15.5 0.0 30.8



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: 54.09 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

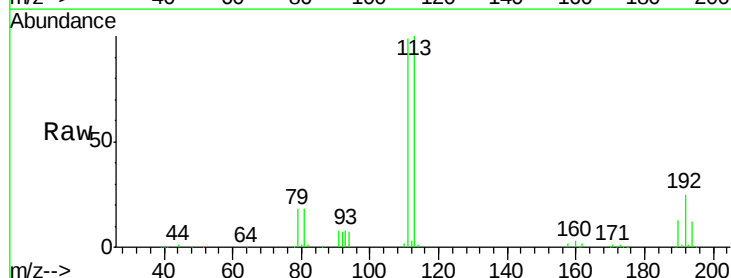
Tgt Ion:113 Resp: 169562

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.2

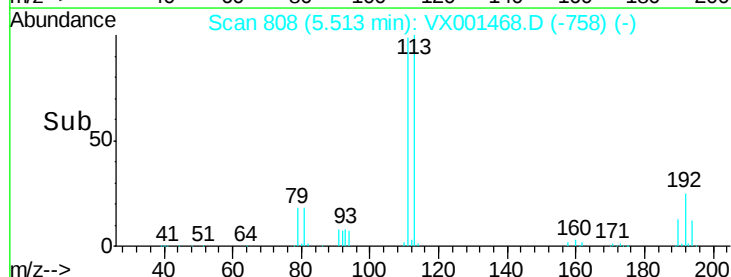
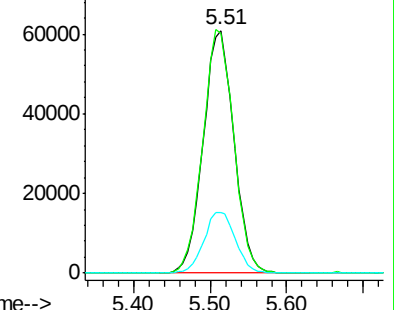
192 25.7 21.4 32.0

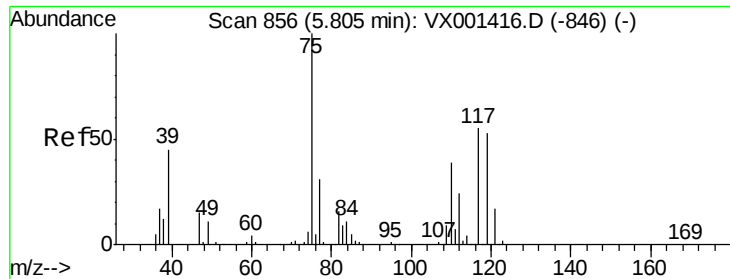


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.53 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

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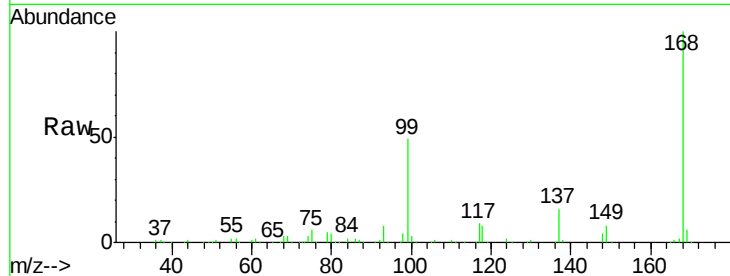
Tgt Ion: 75 Resp: 15831

Ion Ratio Lower Upper

75 100

110 10.1 18.9 56.7#

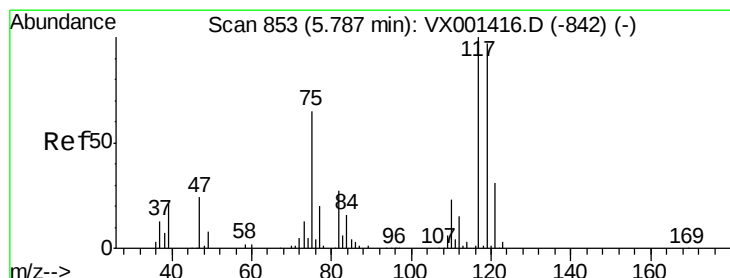
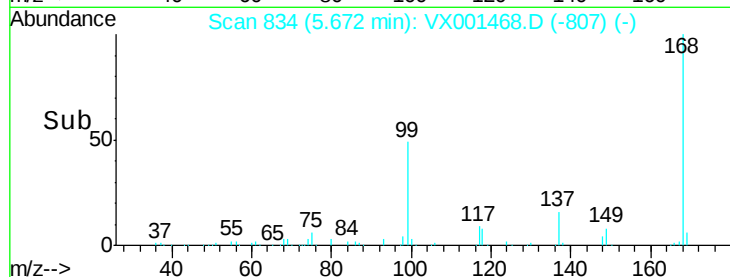
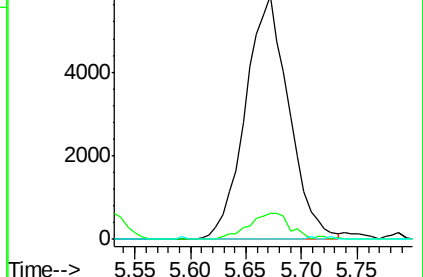
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX001416.D (-846) (-)

Ion 109.90 (109.60 to 110.60): VX001416.D (-846) (-)

Ion 76.90 (76.60 to 77.60): VX001416.D (-846) (-)



#38

Carbon Tetrachloride

Concen: 4.64 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

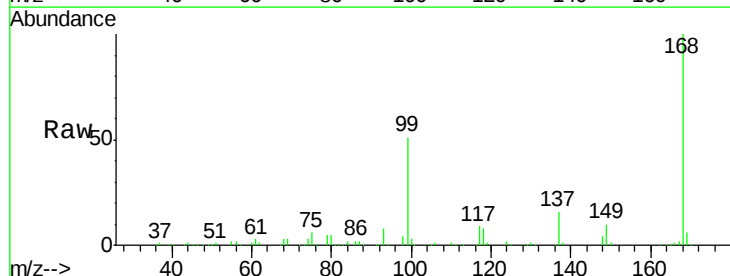
Tgt Ion: 117 Resp: 22167

Ion Ratio Lower Upper

117 100

119 5.7 77.0 115.6#

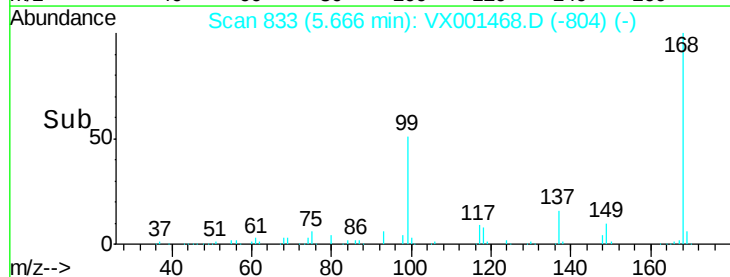
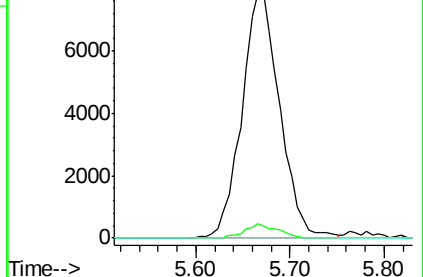
121 0.0 25.1 37.7#

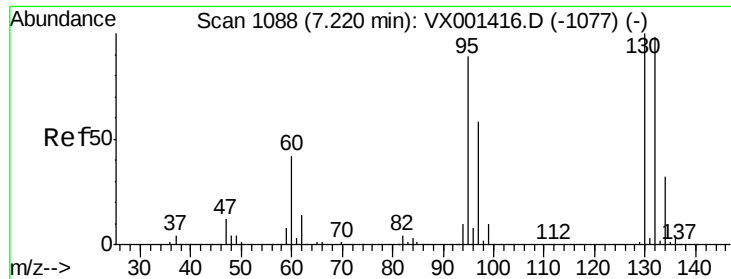


Abundance Ion 116.80 (116.50 to 117.50): VX001416.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX001416.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX001416.D (-842) (-)





#44

Trichloroethene

Concen: 0.32 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

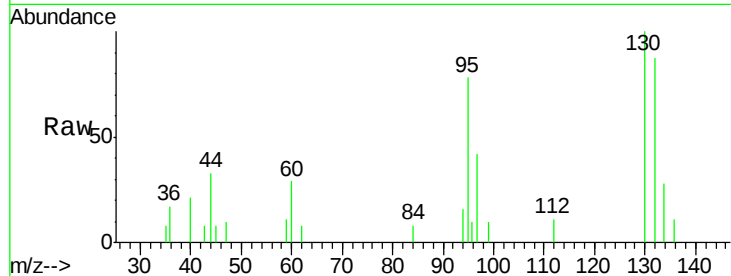
BPS1-TT-MW303S-20180428

Tgt Ion:130 Resp: 1267

Ion Ratio Lower Upper

130 100

95 77.7 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.23

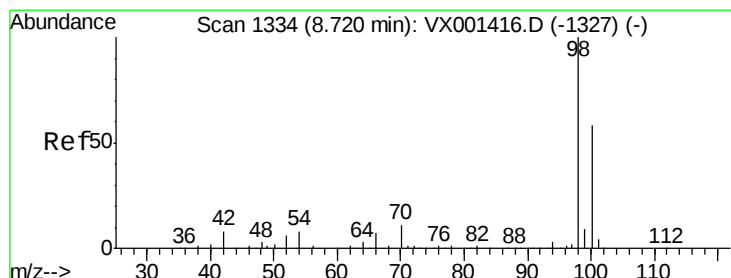
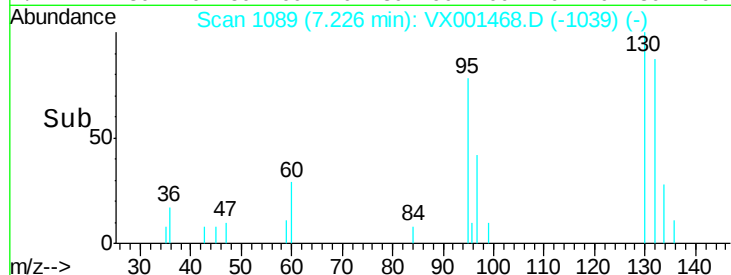
600

400

200

0

Time-->



#50

Toluene-d8

Concen: 52.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001468.D

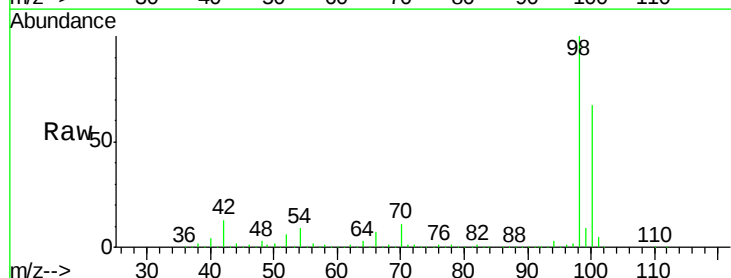
Acq: 07 May 2018 16:13

Tgt Ion: 98 Resp: 596495

Ion Ratio Lower Upper

98 100

100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

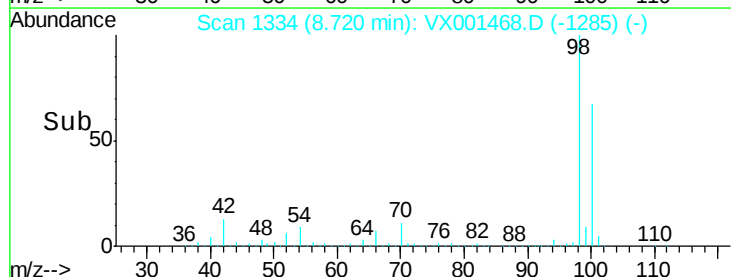
300000

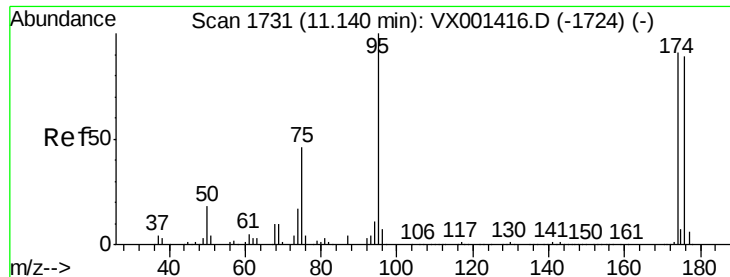
200000

100000

0

Time-->

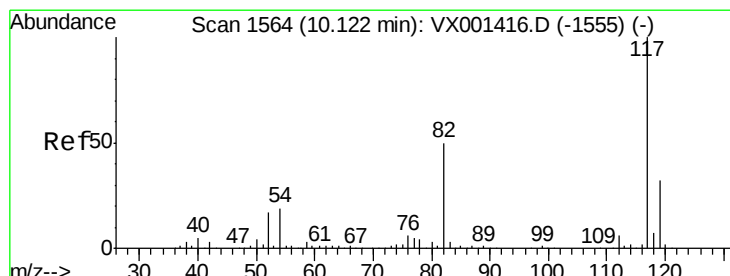
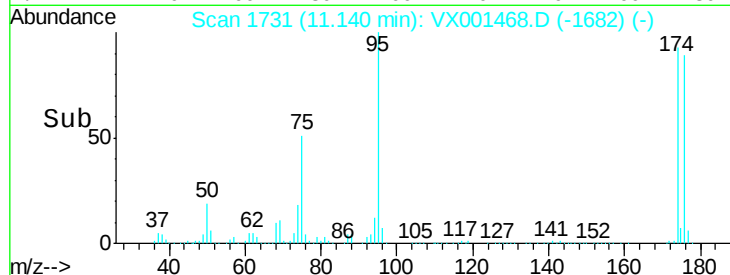
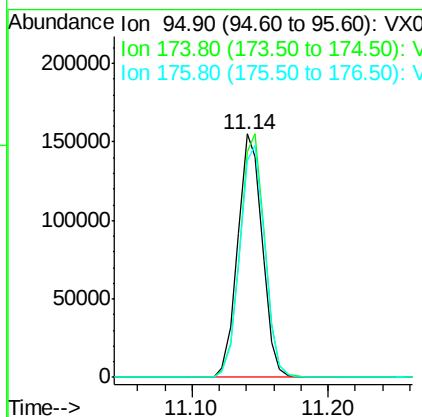
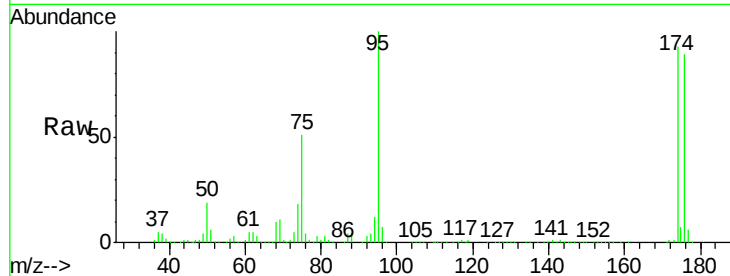




#62
 4-Bromofluorobenzene
 Concen: 44.23 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001468.D
 Acq: 07 May 2018 16:13

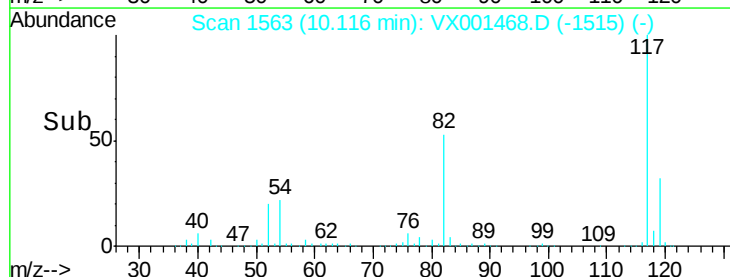
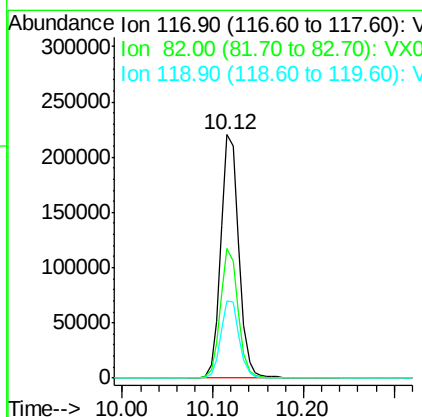
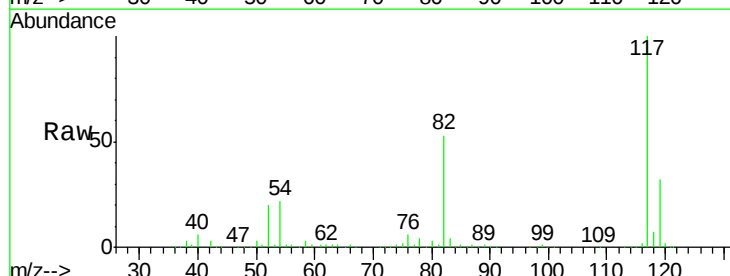
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20180428

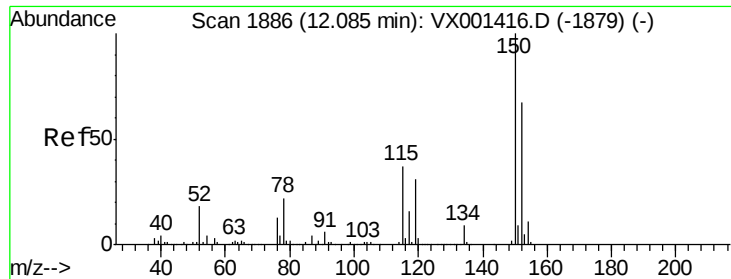
Tgt Ion: 95 Resp: 194271
 Ion Ratio Lower Upper
 95 100
 174 101.1 0.0 202.0
 176 97.4 0.0 197.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001468.D
 Acq: 07 May 2018 16:13

Tgt Ion: 117 Resp: 305755
 Ion Ratio Lower Upper
 117 100
 82 53.3 40.0 60.0
 119 31.5 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: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20180428

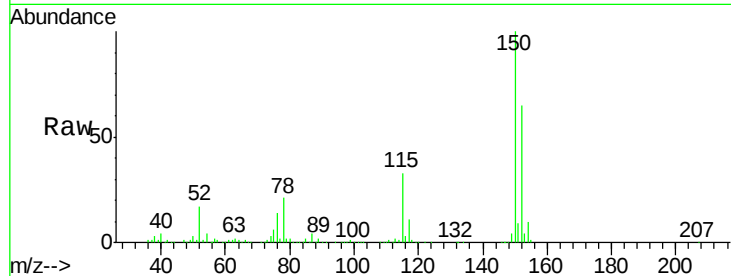
Tgt Ion:152 Resp: 165579

Ion Ratio Lower Upper

152 100

115 52.1 37.7 113.1

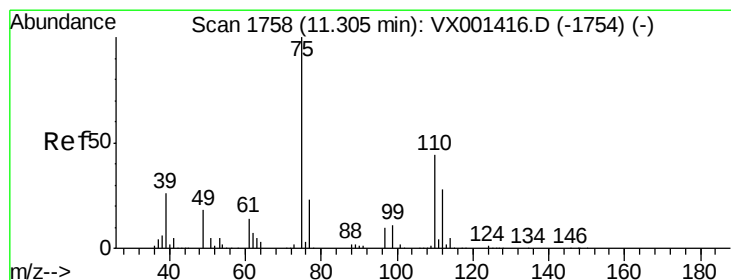
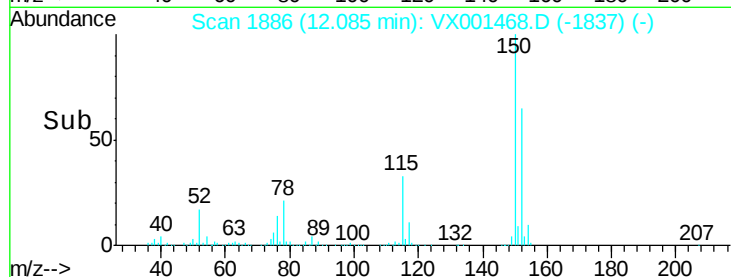
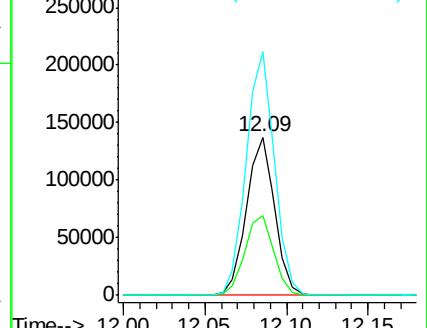
150 155.1 0.0 349.4



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: 29.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001468.D

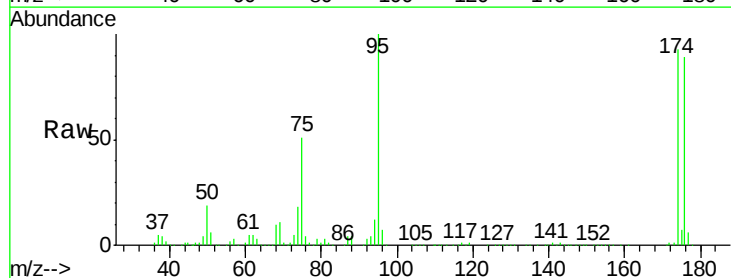
Acq: 07 May 2018 16:13

Tgt Ion: 75 Resp: 97429

Ion Ratio Lower Upper

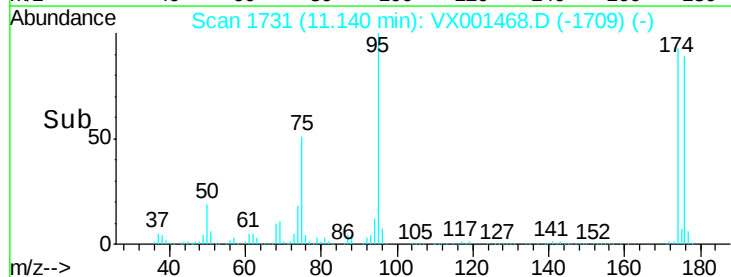
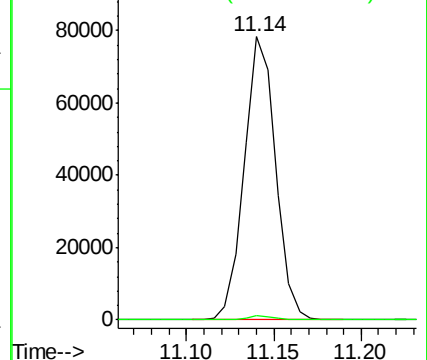
75 100

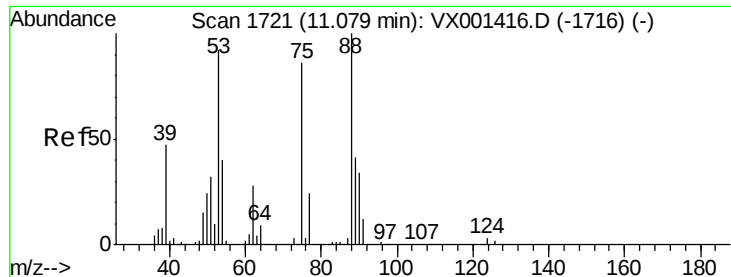
77 1.3 19.6 58.7#



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: 88.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001468.D

Acq: 07 May 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20180428

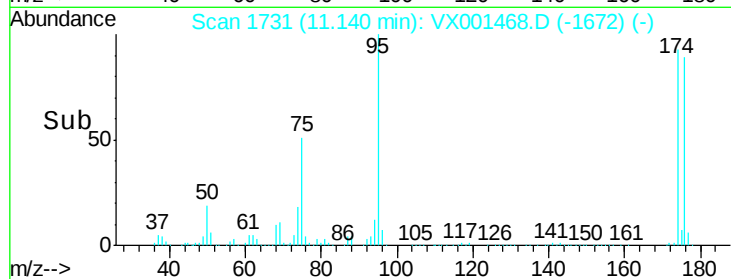
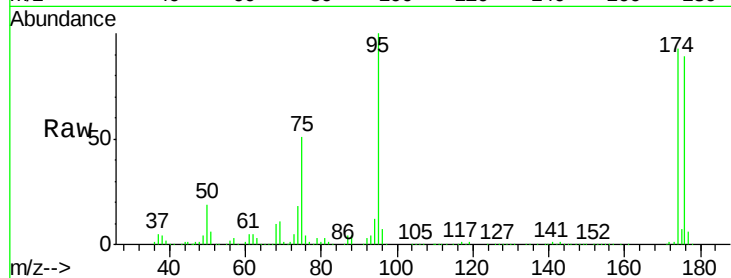
Tgt Ion: 75 Resp: 97429

Ion Ratio Lower Upper

75 100

53 0.1 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

