

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001513.D
 Acq On : 08 May 2018 14:53
 Operator : JC/MD
 Sample : J2659-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301D-20180429

Quant Time: May 09 06:44:37 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	267312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210629	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	223367	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
35) Dibromofluoromethane	5.51	113	171553	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
50) Toluene-d8	8.72	98	634320	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	11.14	95	224917	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	

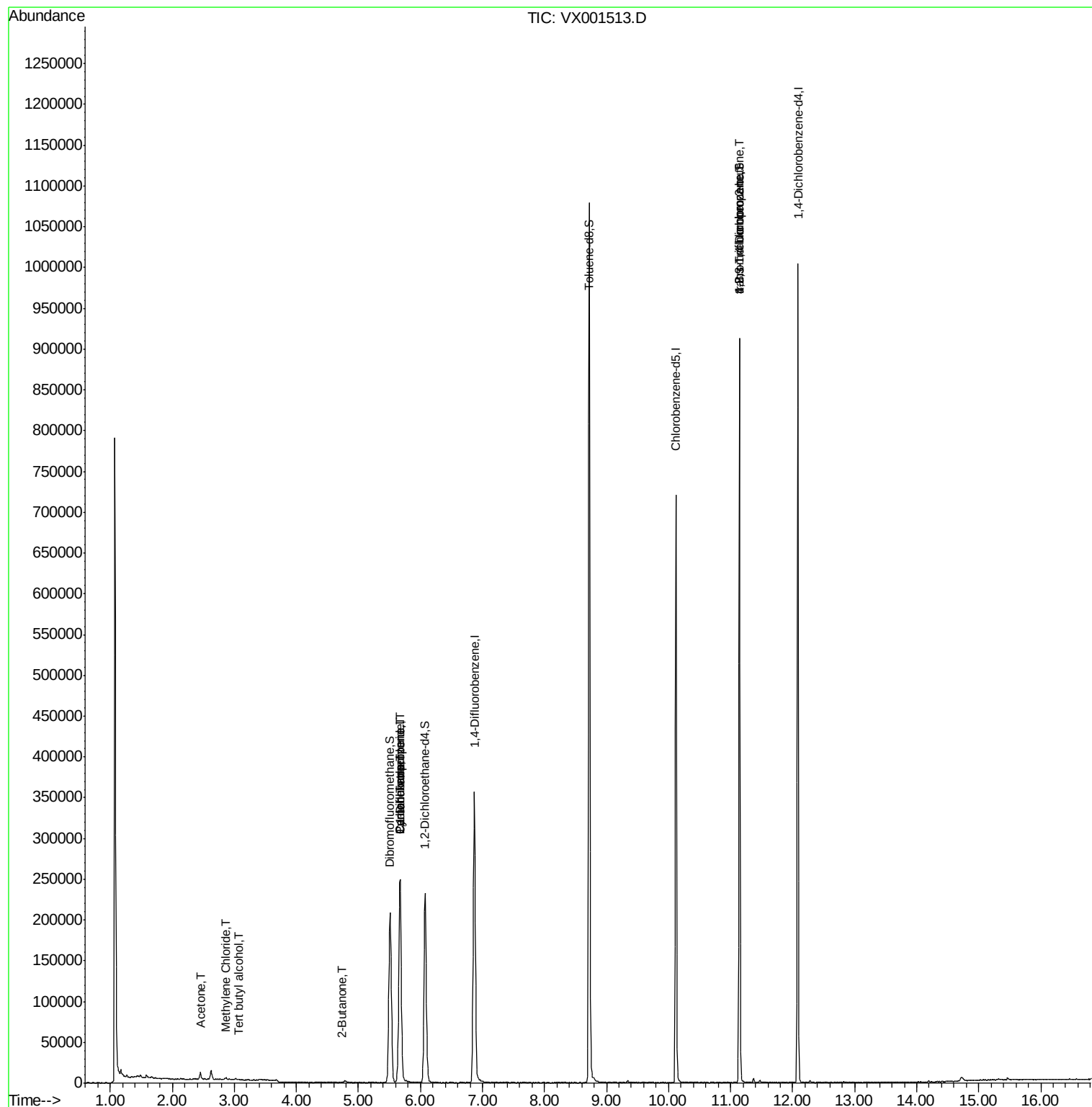
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	531	Below Cal		87
11) Tert butyl alcohol	3.08	59	298	0.37 ug/l	#	3
13) Acrolein	2.32	56	68	Below Cal	#	1
16) Acetone	2.45	43	8592	4.92 ug/l		93
20) Methylene Chloride	2.85	84	893	0.26 ug/l	#	92
25) 2-Butanone	4.72	43	656	0.26 ug/l	#	49
31) Cyclohexane	5.67	56	4577	0.93 ug/l	#	6
36) 1,1-Dichloropropene	5.67	75	17054	3.65 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	23218	4.66 ug/l	#	15
76) 1,2,3-Trichloropropane	11.14	75	114078	26.70 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	114078	82.13 ug/l	#	7

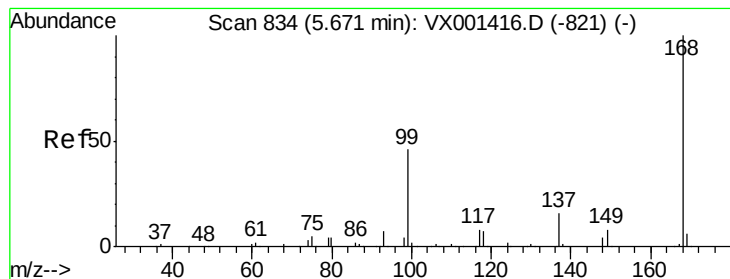
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

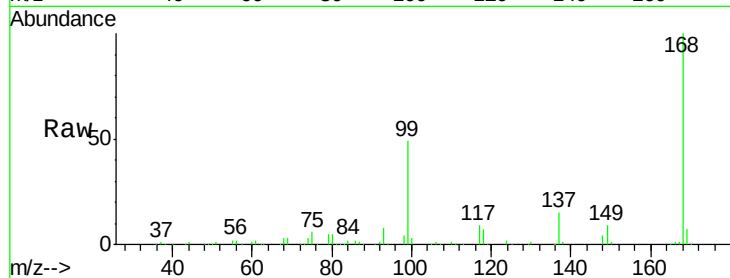
BPS1-TT-MW301D-20180429

Tgt Ion: 168 Resp: 267312

Ion Ratio Lower Upper

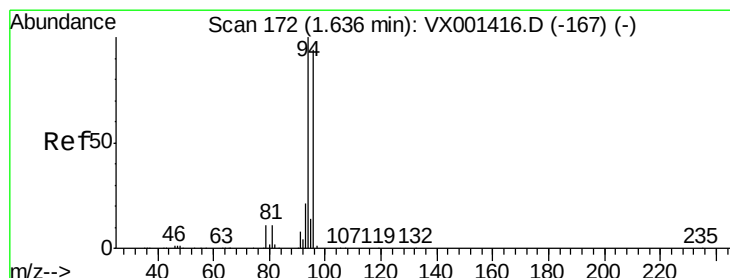
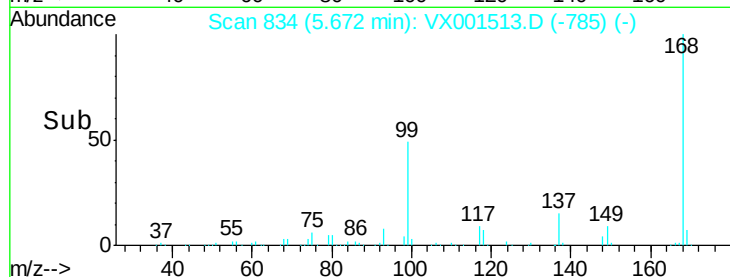
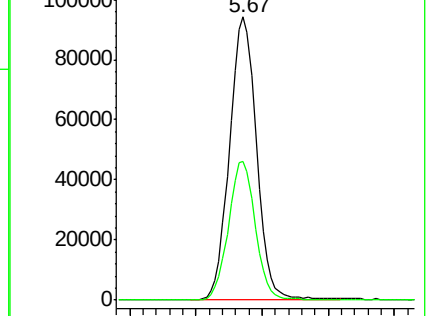
168 100

99 48.8 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: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001513.D

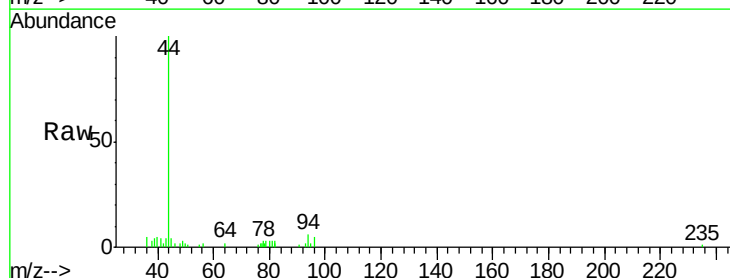
Acq: 08 May 2018 14:53

Tgt Ion: 94 Resp: 531

Ion Ratio Lower Upper

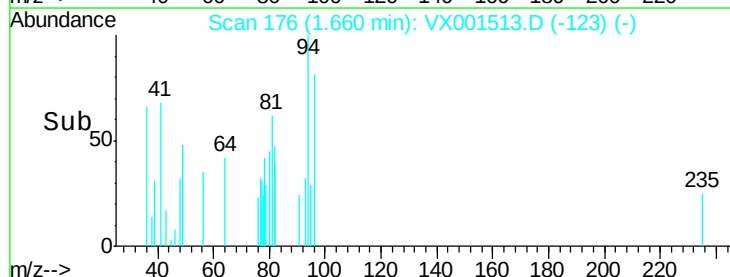
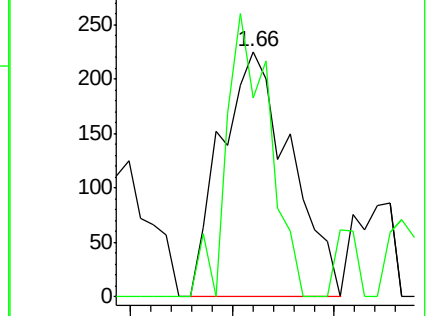
94 100

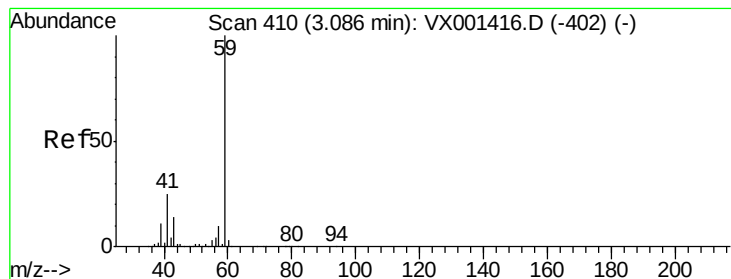
96 81.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#11

Tert butyl alcohol

Concen: 0.37 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

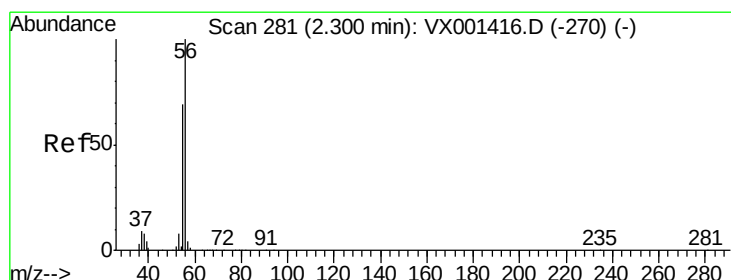
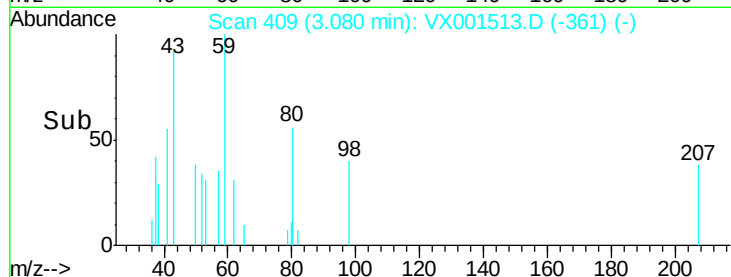
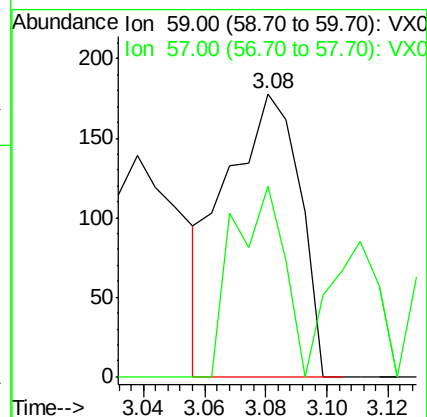
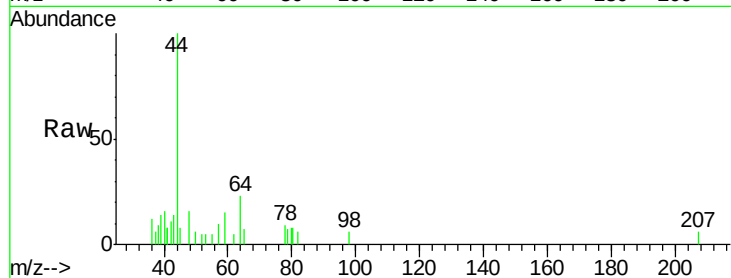
BPS1-TT-MW301D-20180429

Tgt Ion: 59 Resp: 298

Ion Ratio Lower Upper

59 100

57 46.3 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX001513.D

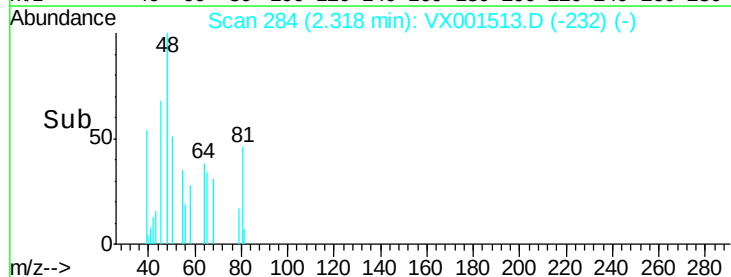
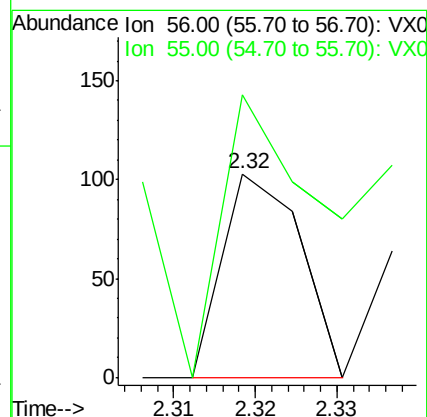
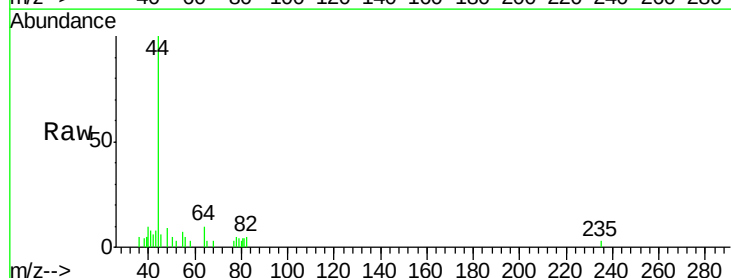
Acq: 08 May 2018 14:53

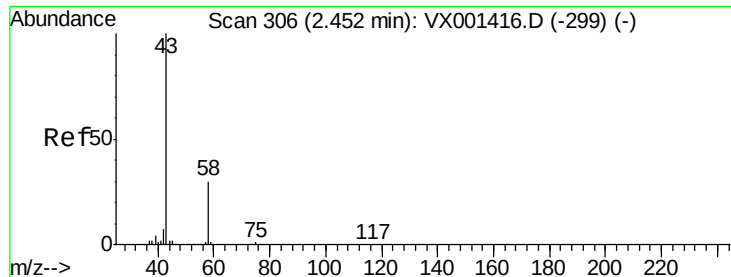
Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 173.5 54.5 81.7#





#16

Acetone

Concen: 4.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

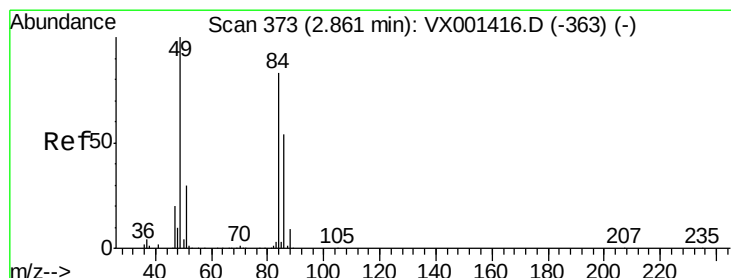
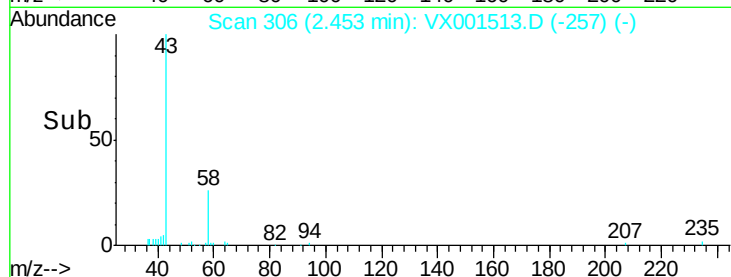
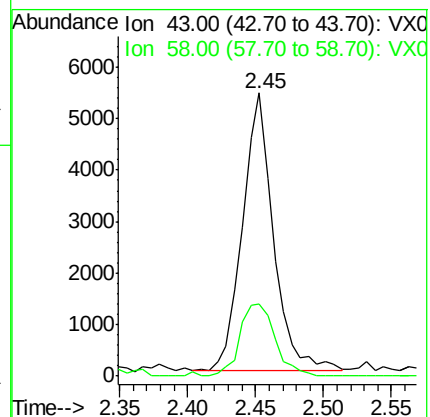
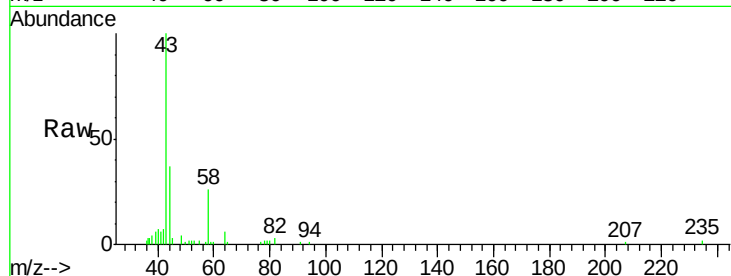
BPS1-TT-MW301D-20180429

Tgt Ion: 43 Resp: 8592

Ion Ratio Lower Upper

43 100

58 26.1 23.8 35.8



#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Tgt Ion: 84 Resp: 893

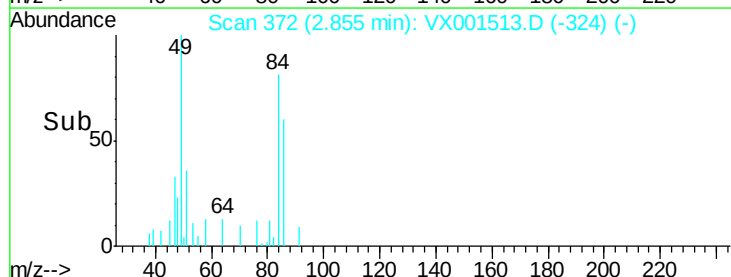
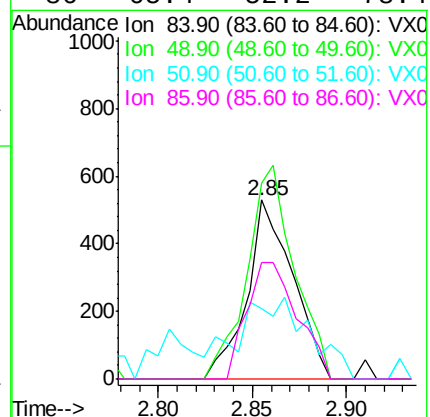
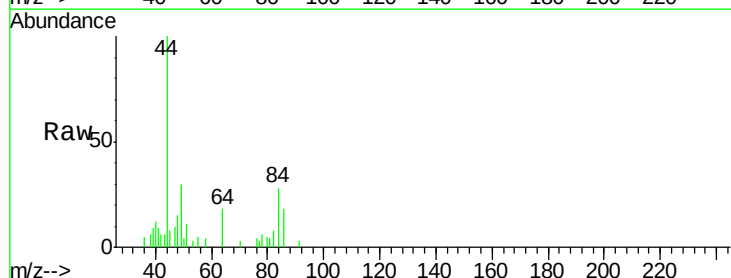
Ion Ratio Lower Upper

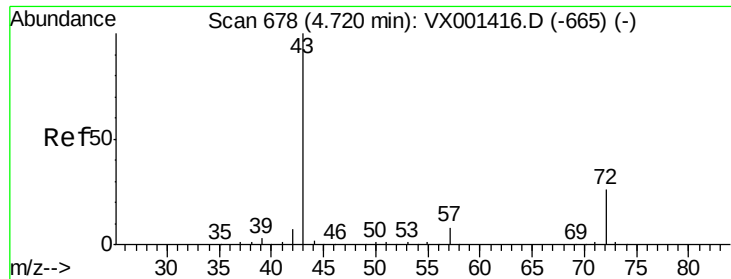
84 100

49 109.6 96.6 144.8

51 25.3 29.0 43.4#

86 65.4 52.2 78.4





#25

2-Butanone

Concen: 0.26 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

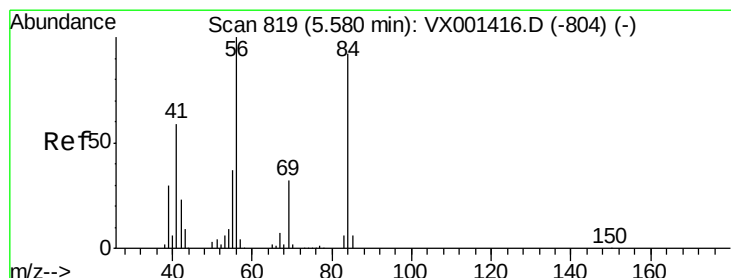
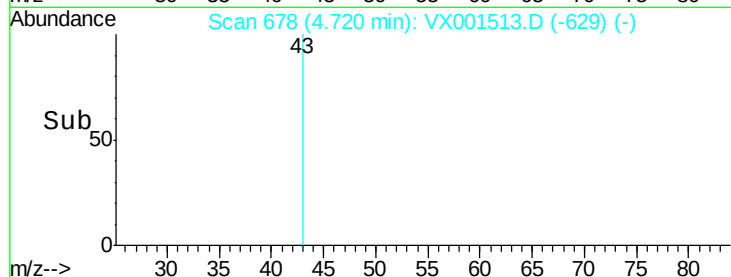
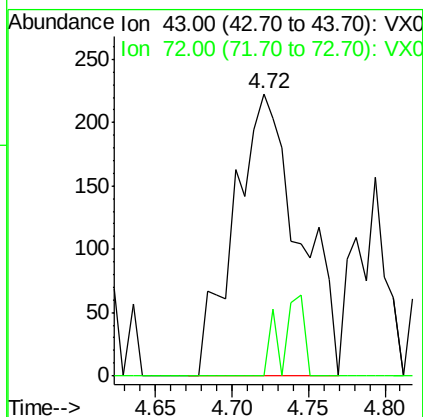
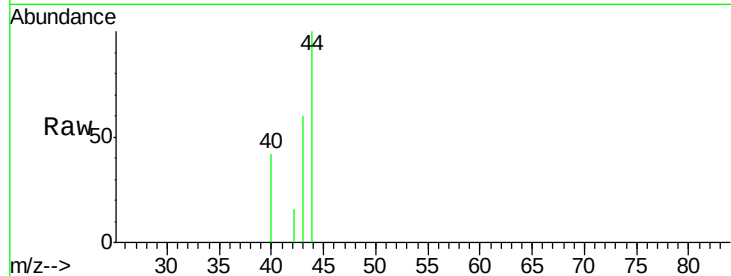
BPS1-TT-MW301D-20180429

Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

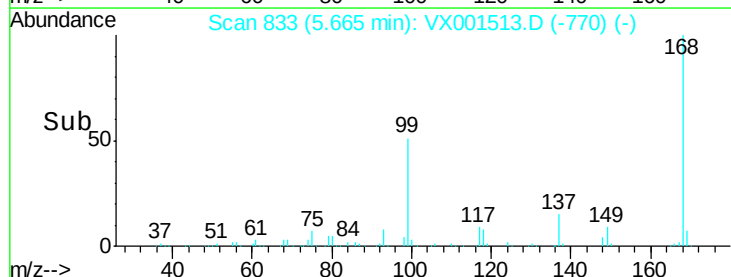
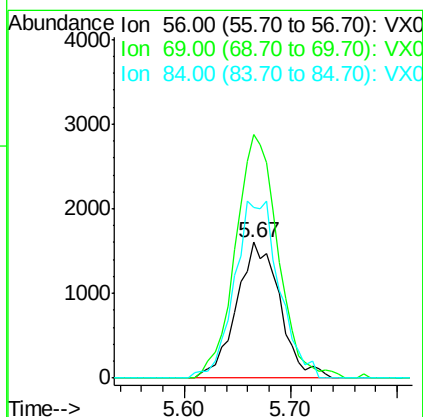
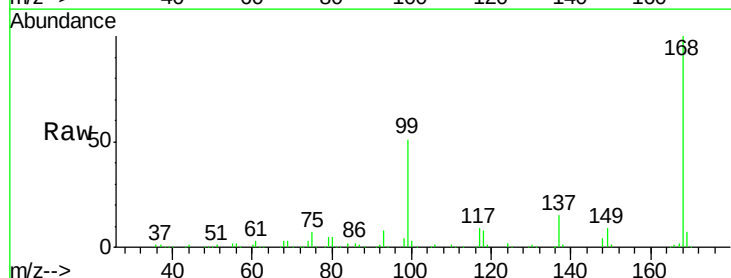
Tgt Ion: 56 Resp: 4577

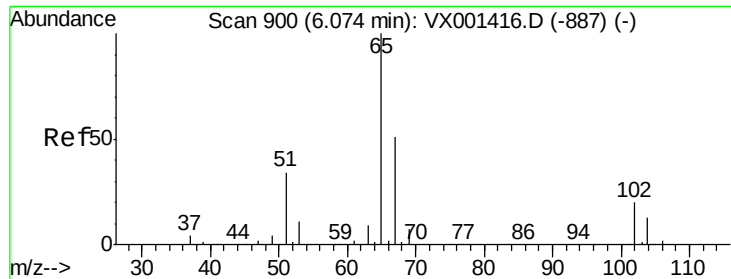
Ion Ratio Lower Upper

56 100

69 179.4 25.4 38.0#

84 126.0 73.8 110.8#

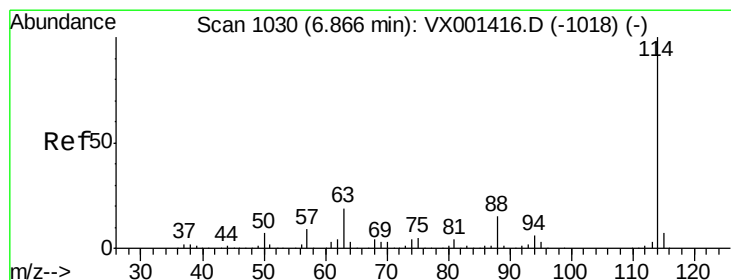
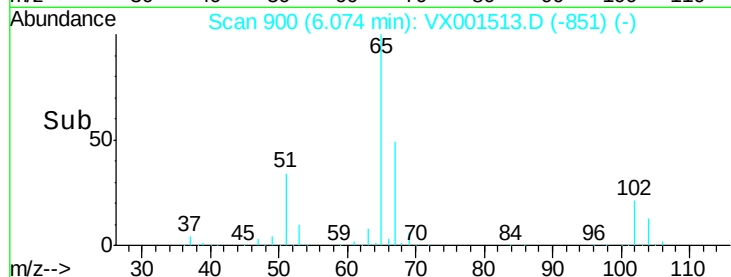
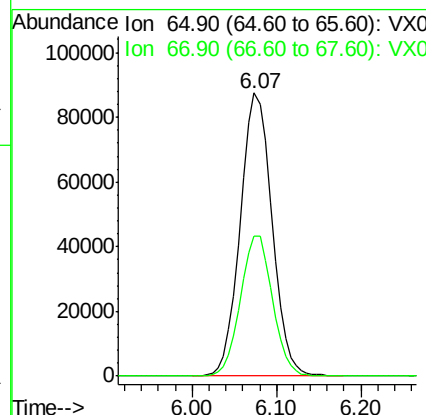
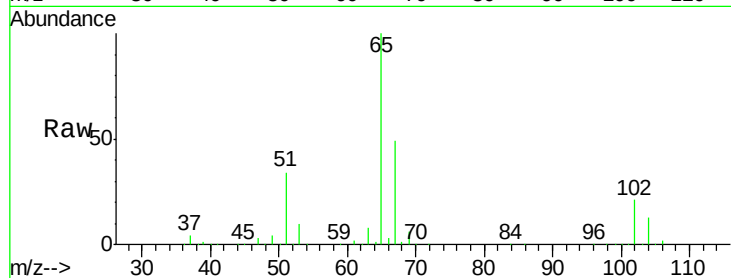




#33
 1,2-Dichloroethane-d4
 Concen: 58.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001513.D
 Acq: 08 May 2018 14:53

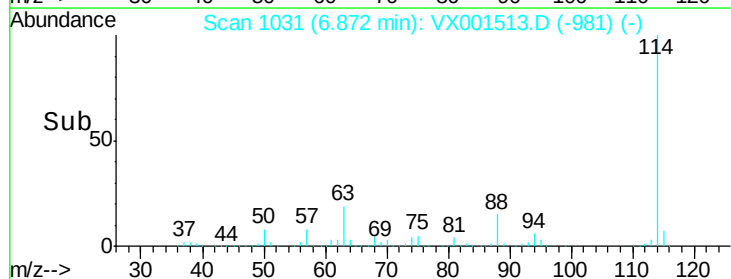
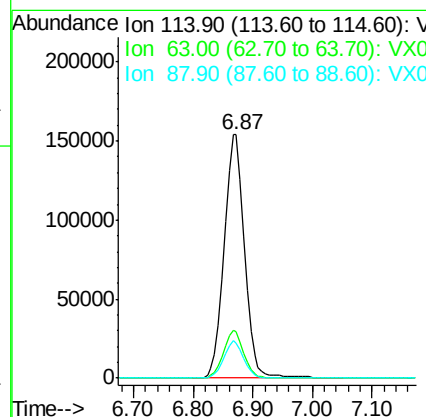
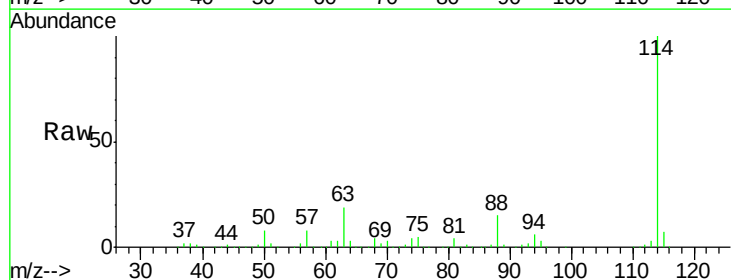
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301D-20180429

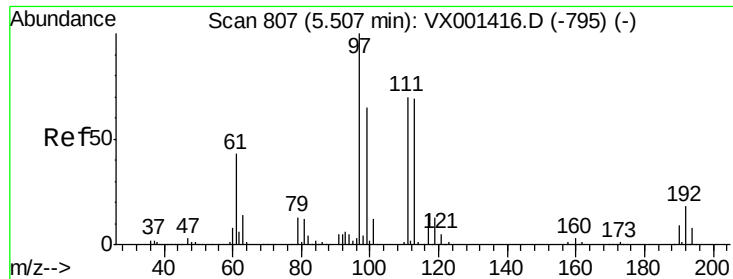
Tgt Ion: 65 Resp: 223367
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001513.D
 Acq: 08 May 2018 14:53

Tgt Ion: 114 Resp: 367624
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.46 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20180429

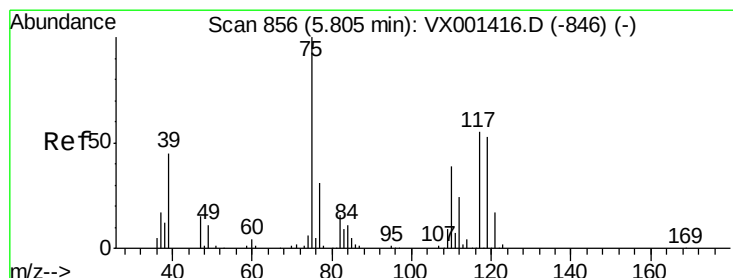
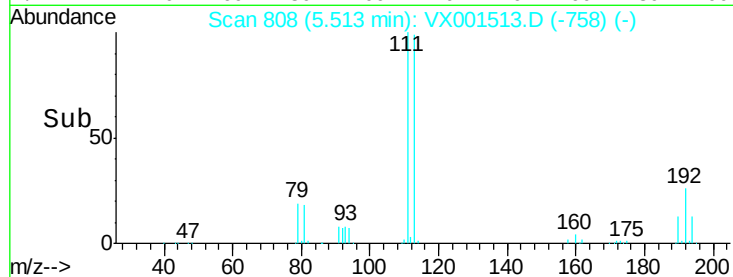
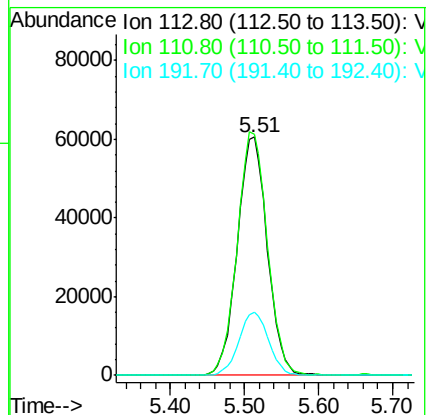
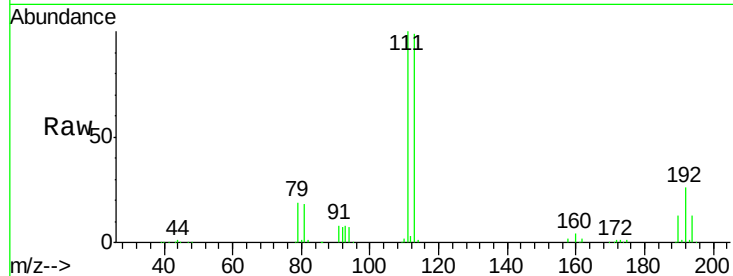
Tgt Ion:113 Resp: 171553

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 26.3 21.4 32.0



#36

1,1-Dichloropropene

Concen: 3.65 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

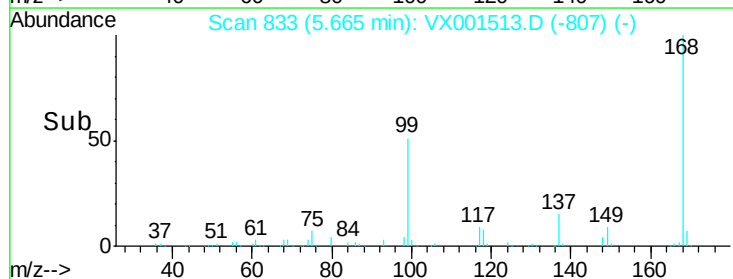
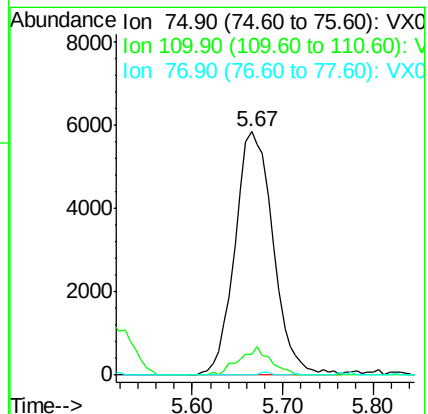
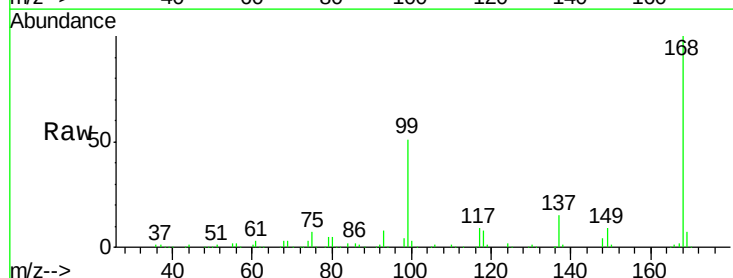
Tgt Ion: 75 Resp: 17054

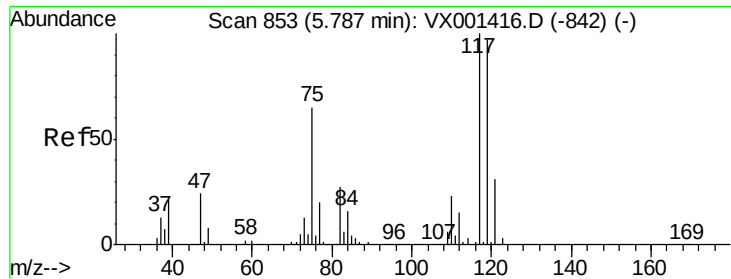
Ion Ratio Lower Upper

75 100

110 9.4 18.9 56.7#

77 0.3 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.66 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20180429

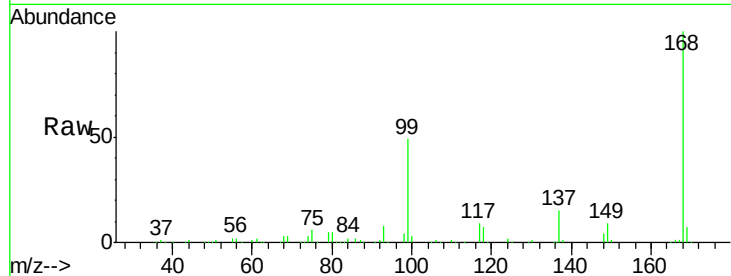
Tgt Ion:117 Resp: 23218

Ion Ratio Lower Upper

117 100

119 3.5 77.0 115.6#

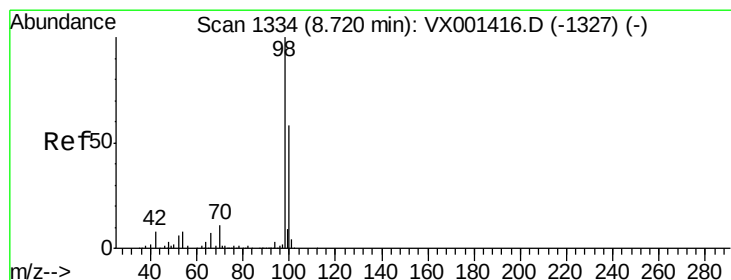
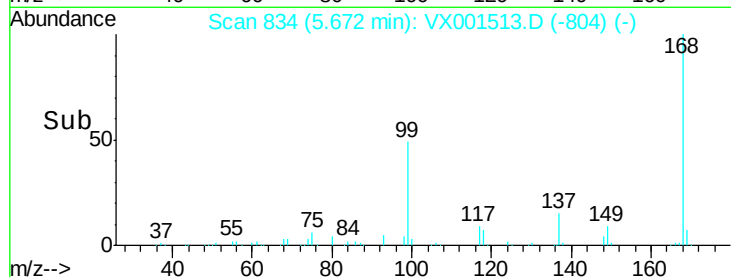
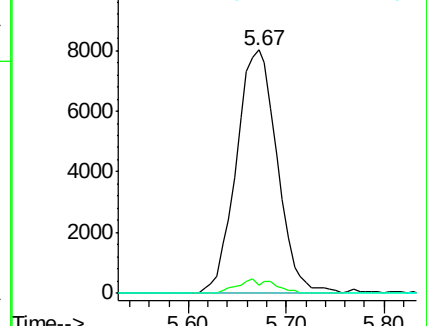
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.14 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001513.D

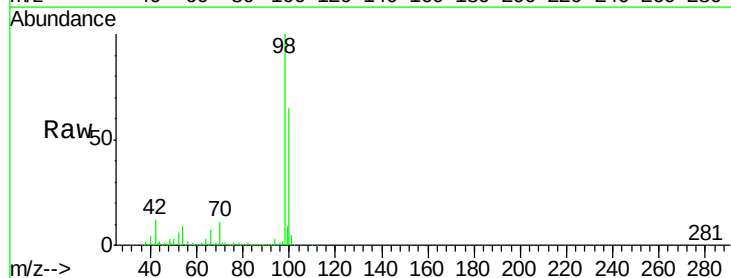
Acq: 08 May 2018 14:53

Tgt Ion: 98 Resp: 634320

Ion Ratio Lower Upper

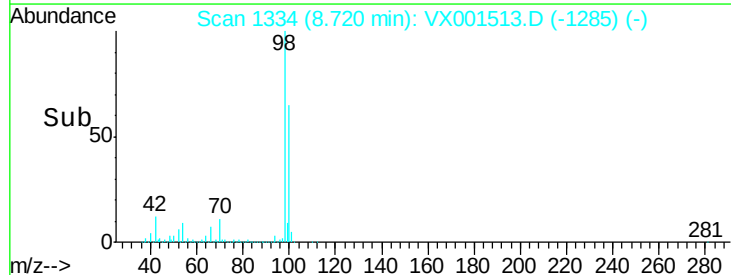
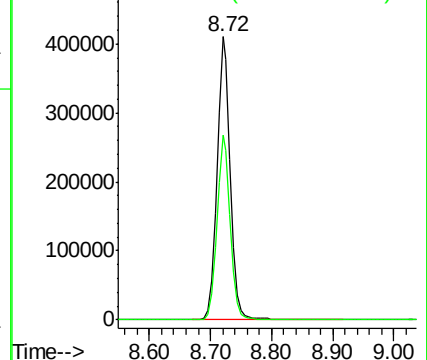
98 100

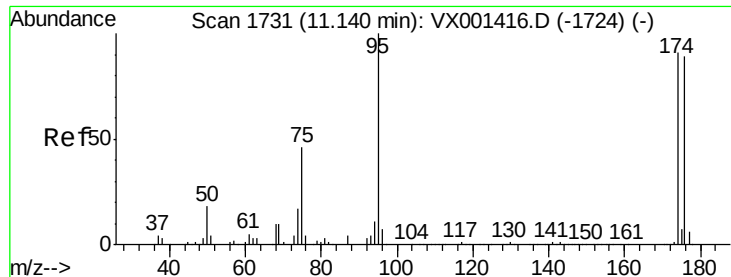
100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

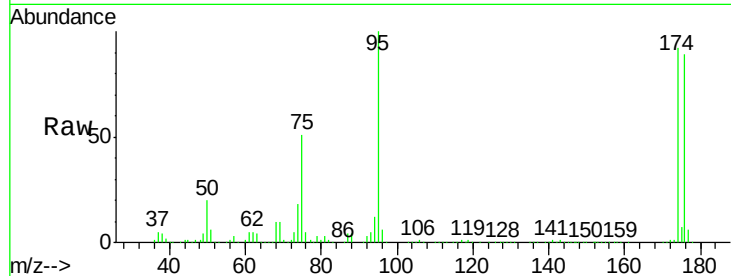




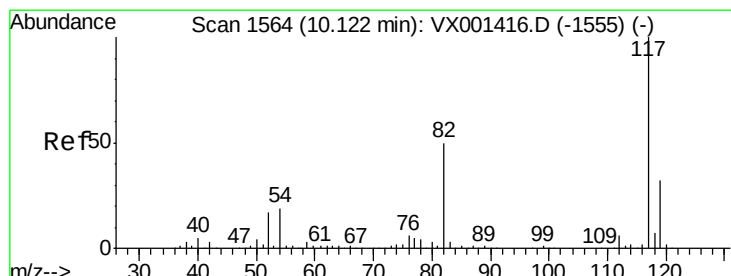
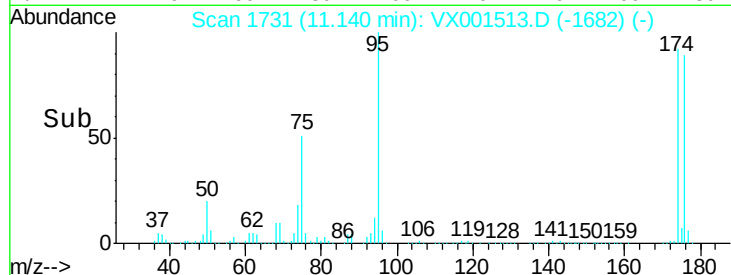
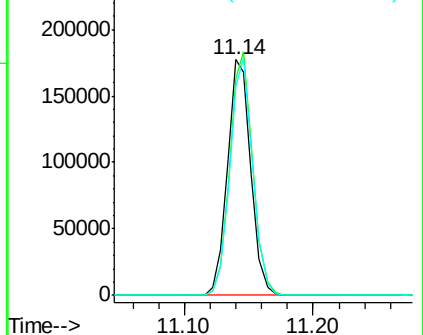
#62
4-Bromofluorobenzene
Concen: 49.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001513.D
Acq: 08 May 2018 14:53

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301D-20180429

Tgt Ion: 95 Resp: 224917
Ion Ratio Lower Upper
95 100
174 101.1 0.0 202.0
176 98.1 0.0 197.4

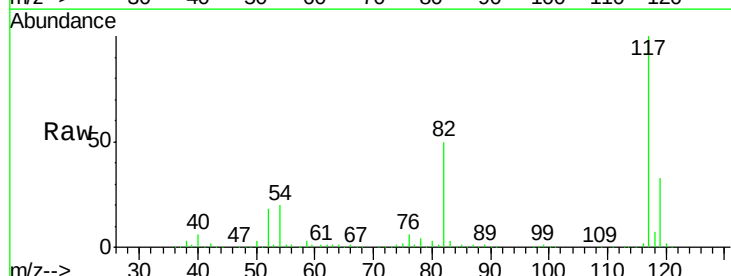


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

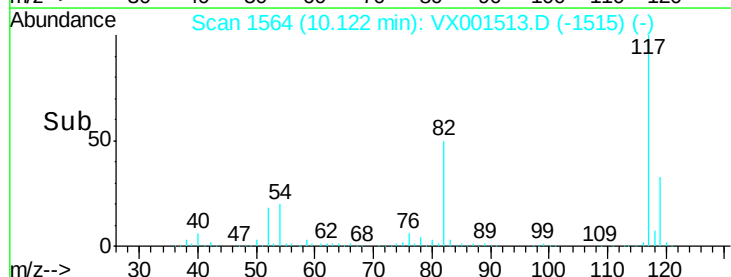
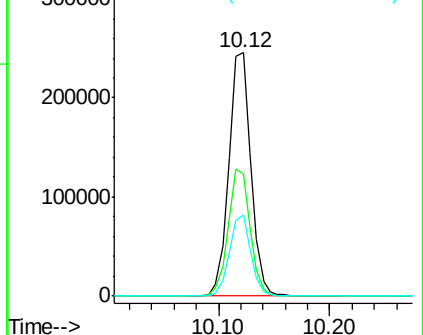


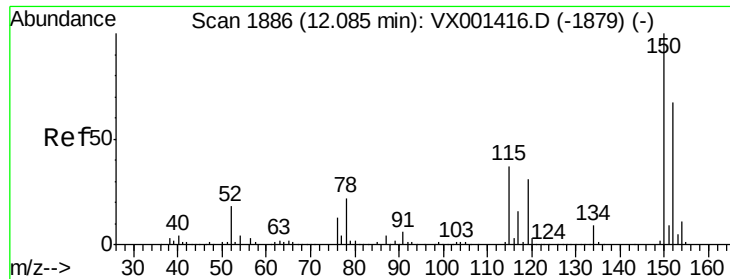
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001513.D
Acq: 08 May 2018 14:53

Tgt Ion: 117 Resp: 336552
Ion Ratio Lower Upper
117 100
82 50.0 40.0 60.0
119 33.1 25.8 38.8



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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20180429

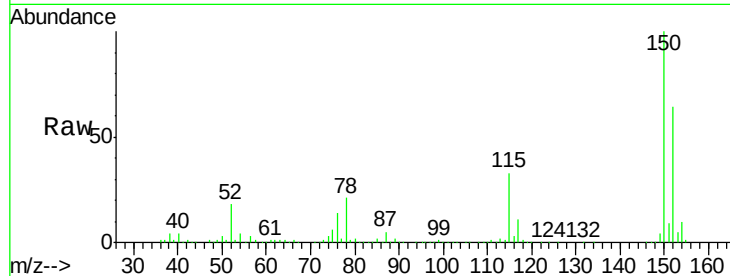
Tgt Ion:152 Resp: 210629

Ion Ratio Lower Upper

152 100

115 52.5 37.7 113.1

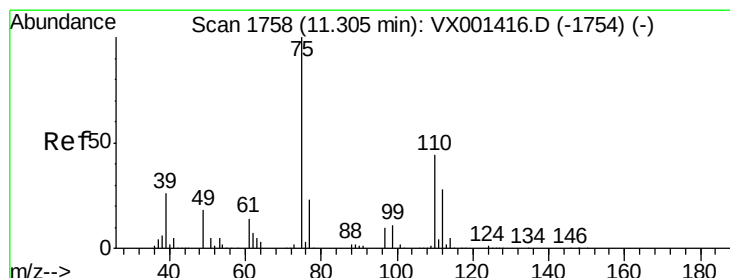
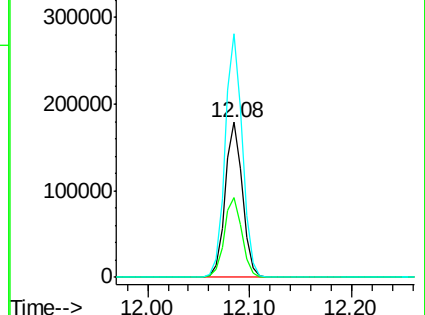
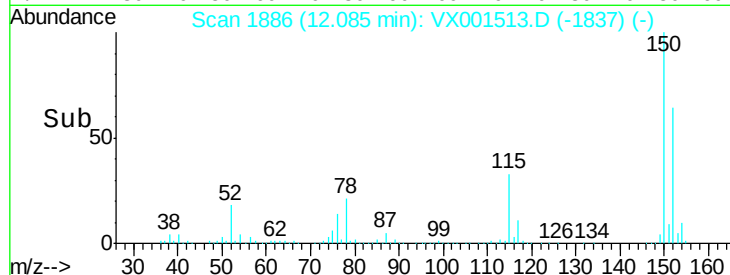
150 156.7 0.0 349.4



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: 26.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001513.D

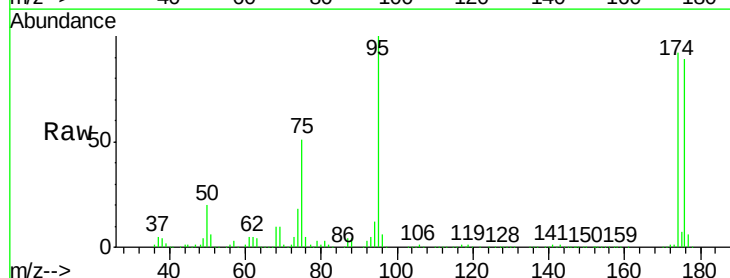
Acq: 08 May 2018 14:53

Tgt Ion: 75 Resp: 114078

Ion Ratio Lower Upper

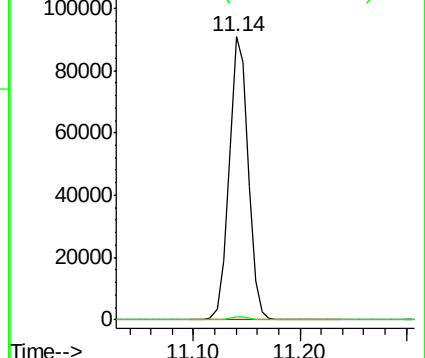
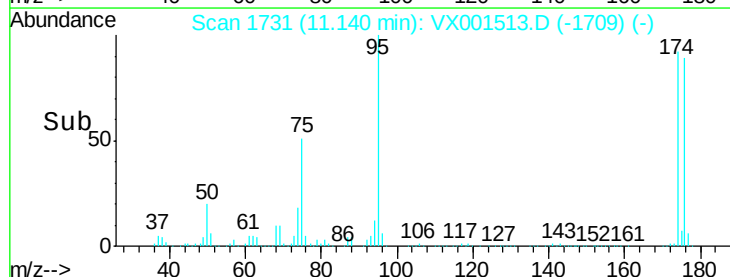
75 100

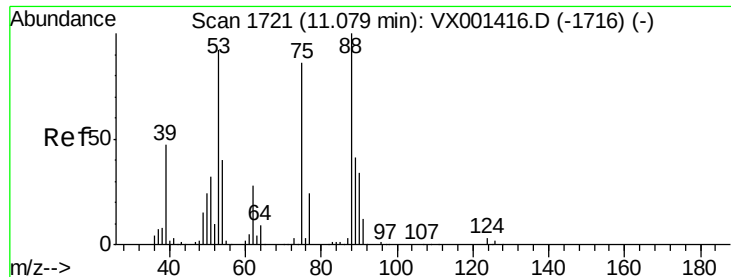
77 1.2 19.6 58.7#



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: 82.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001513.D

Acq: 08 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301D-20180429

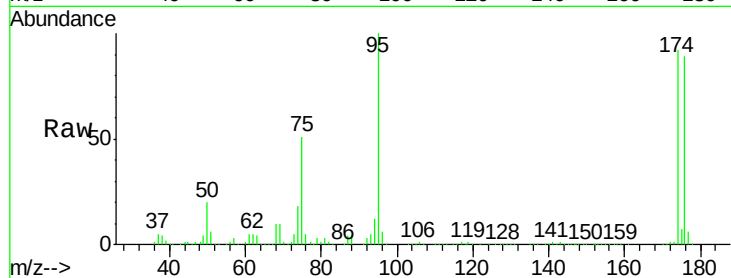
Tgt Ion: 75 Resp: 114078

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

