

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001521.D
 Acq On : 08 May 2018 18:27
 Operator : JC/MD
 Sample : J2687-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308S-20180501

Quant Time: May 09 06:46:58 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	236562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155137	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	192264	56.55	ug/l	0.00
Spiked Amount			Recovery	=	113.10%	
35) Dibromofluoromethane	5.51	113	148417	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	8.72	98	528327	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.14	95	172987	43.09	ug/l	0.00
Spiked Amount			Recovery	=	86.18%	

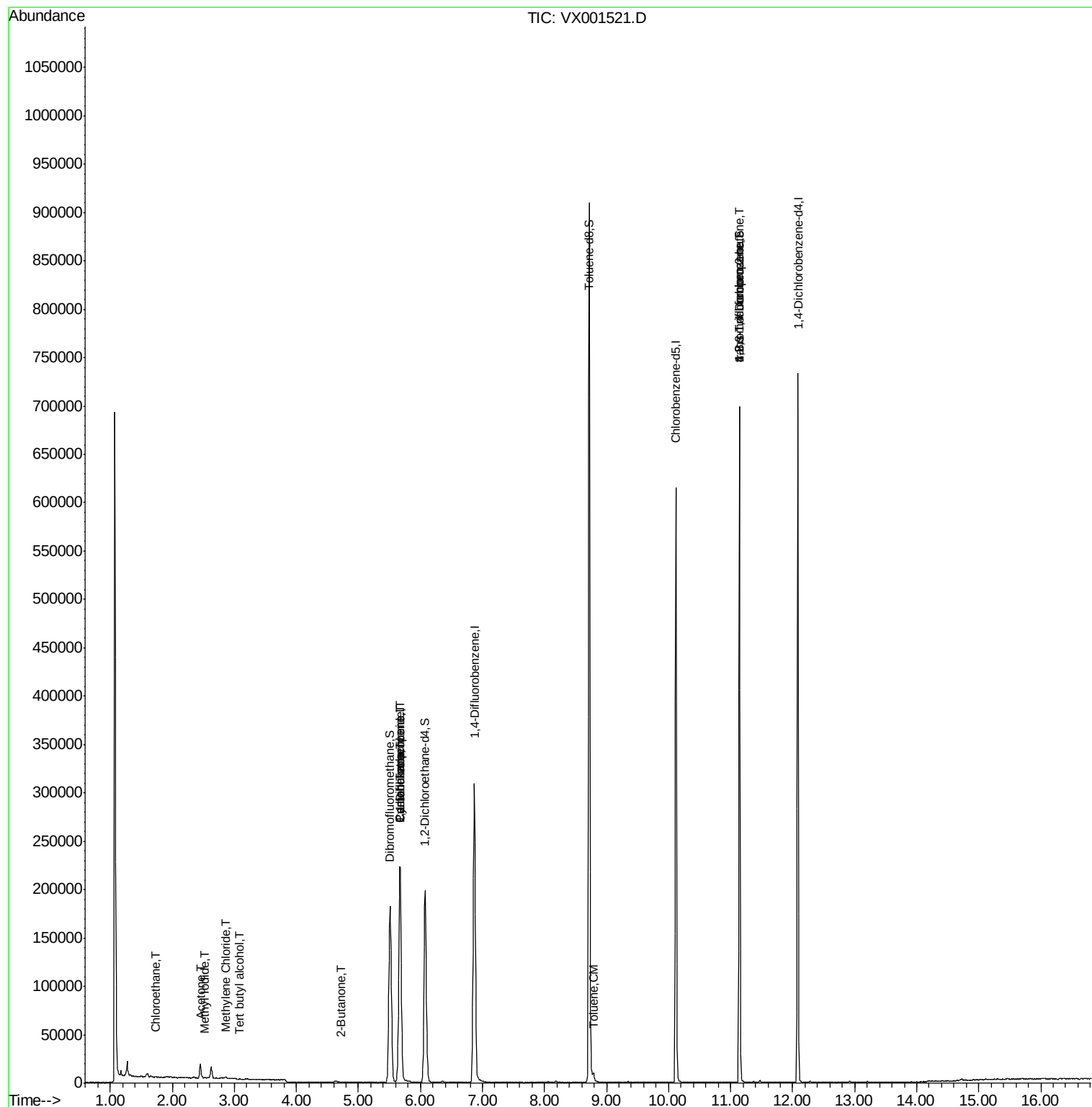
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	754	Below Cal		82
6) Chloroethane	1.72	64	429	0.20 ug/l	#	43
10) Methyl Iodide	2.52	142	1028	0.25 ug/l	#	48
11) Tert butyl alcohol	3.08	59	210	0.29 ug/l	#	72
13) Acrolein	2.30	56	41	Below Cal	#	51
16) Acetone	2.45	43	16702	10.82 ug/l		98
20) Methylene Chloride	2.85	84	903	0.30 ug/l	#	72
25) 2-Butanone	4.72	43	782	0.35 ug/l	#	49
31) Cyclohexane	5.67	56	4170	0.95 ug/l	#	14
36) 1,1-Dichloropropene	5.67	75	14589	3.56 ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20625	4.72 ug/l	#	16
52) Toluene	8.79	92	2138	0.27 ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	87180	27.71 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	87180	85.06 ug/l	#	7

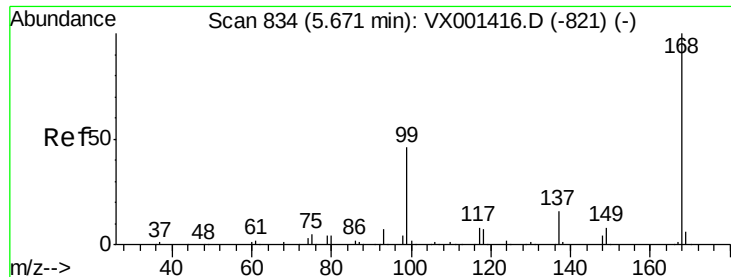
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
Data File : VX001521.D
Acq On : 08 May 2018 18:27
Operator : JC/MD
Sample : J2687-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308S-20180501

Quant Time: May 09 06:46:58 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: VX001521.D

Acq: 08 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

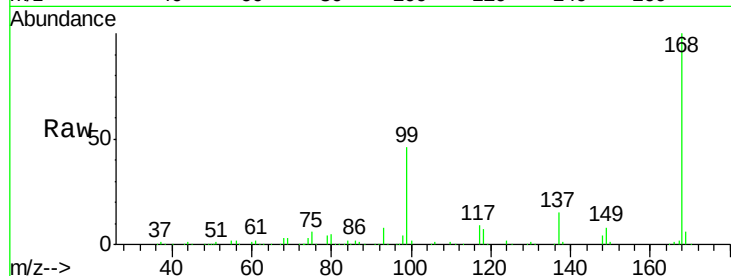
BPS1-TT-MW308S-20180501

Tgt Ion:168 Resp: 236562

Ion Ratio Lower Upper

168 100

99 46.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

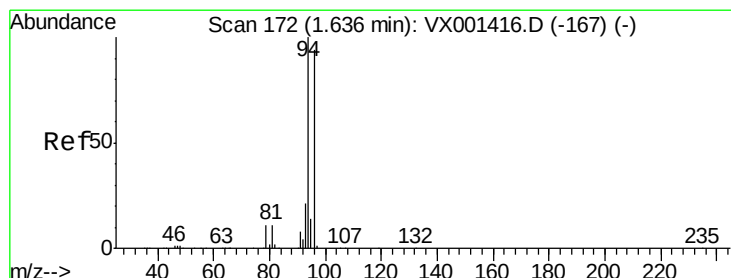
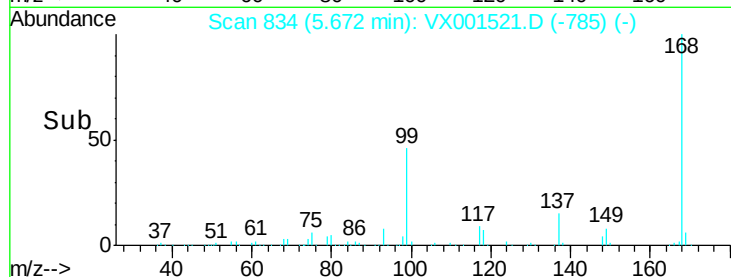
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001521.D

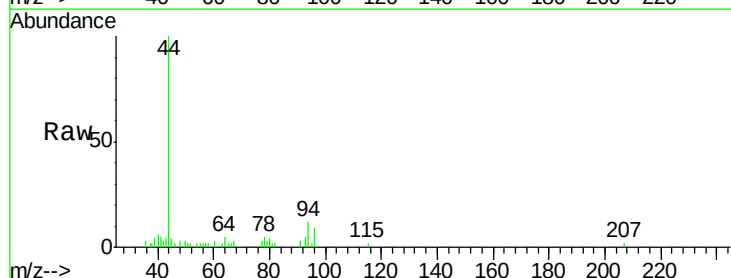
Acq: 08 May 2018 18:27

Tgt Ion: 94 Resp: 754

Ion Ratio Lower Upper

94 100

96 76.5 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

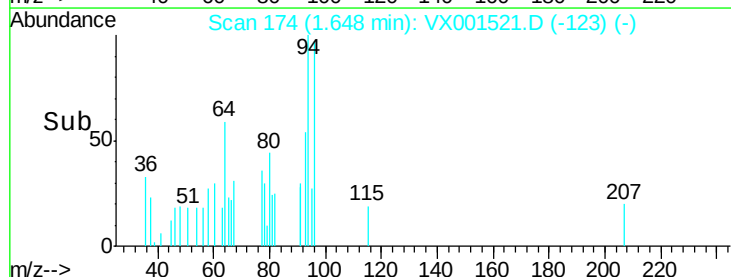
200

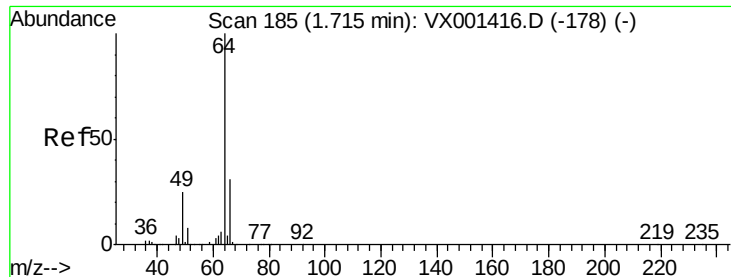
100

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 0.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

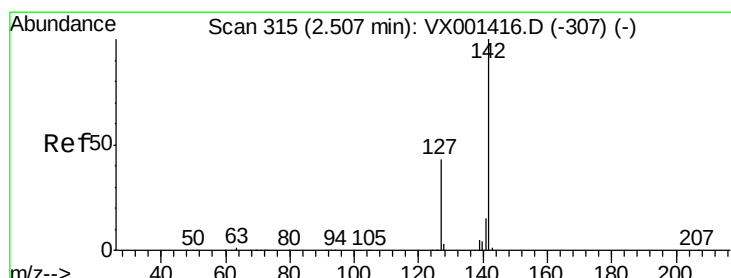
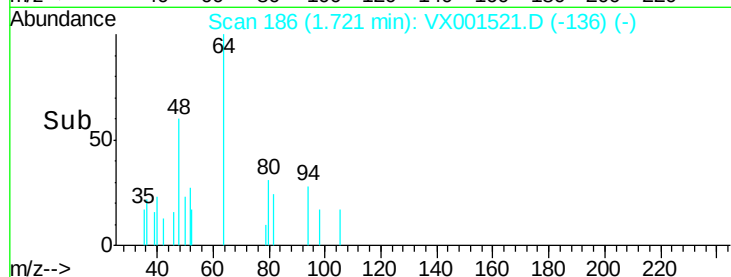
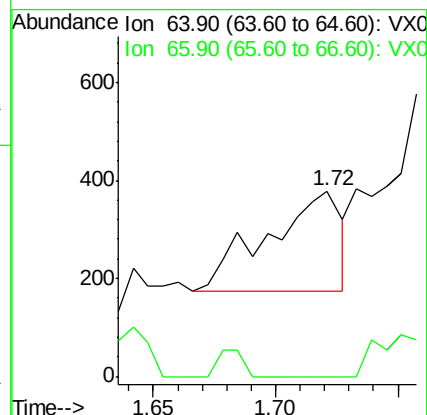
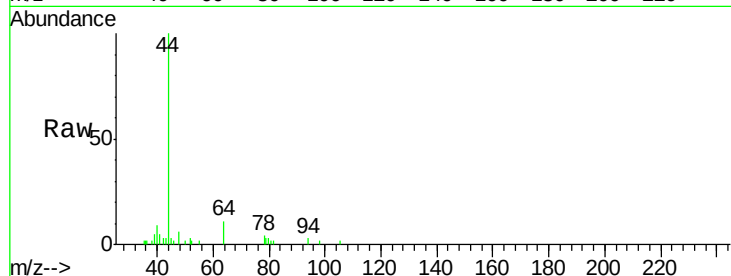
BPS1-TT-MW308S-20180501

Tgt Ion: 64 Resp: 429

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#10

Methyl Iodide

Concen: 0.25 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

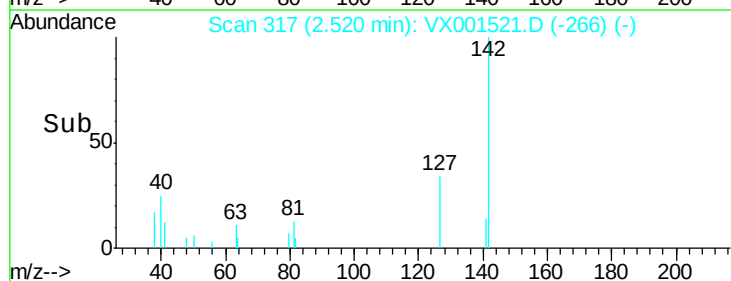
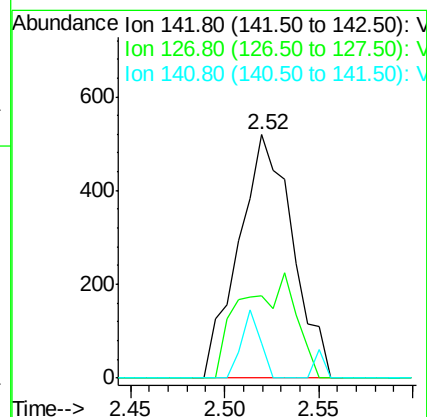
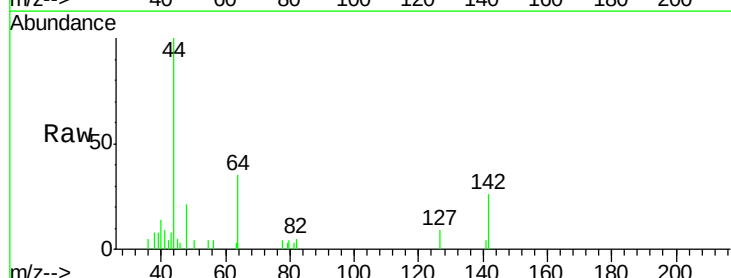
Tgt Ion: 142 Resp: 1028

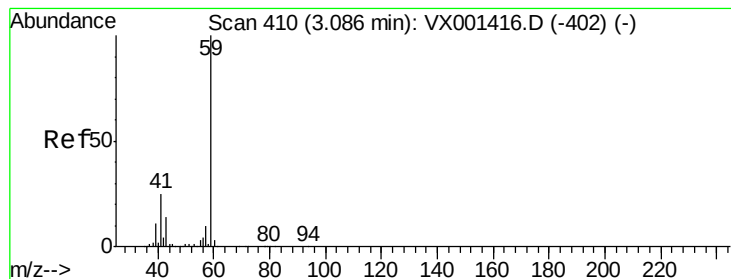
Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

141 9.8 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.29 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

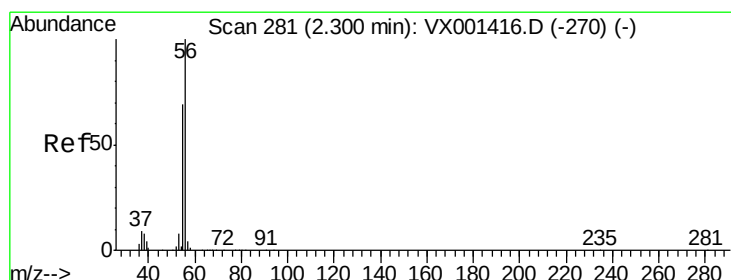
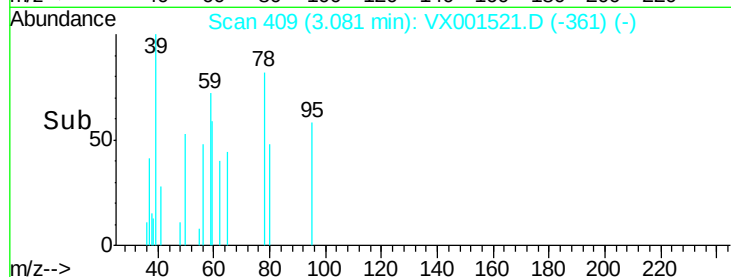
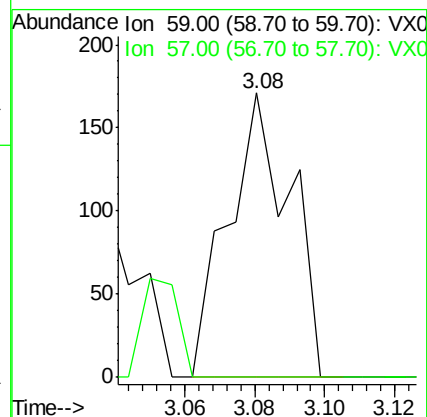
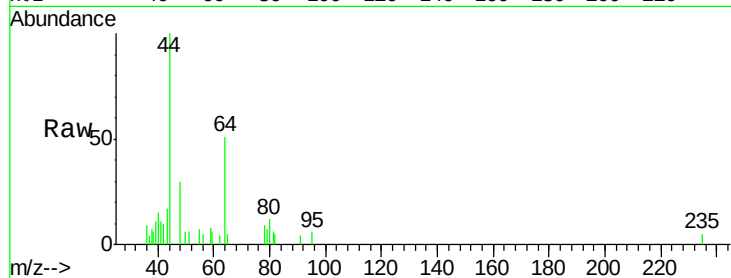
BPS1-TT-MW308S-20180501

Tgt Ion: 59 Resp: 210

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001521.D

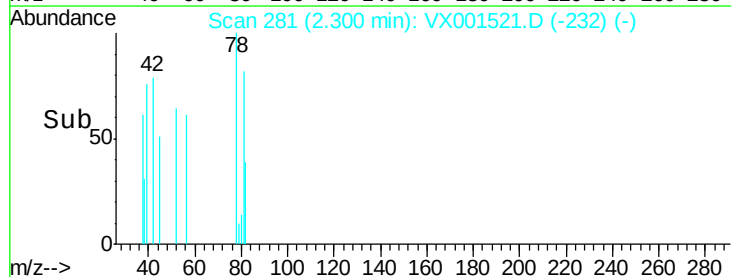
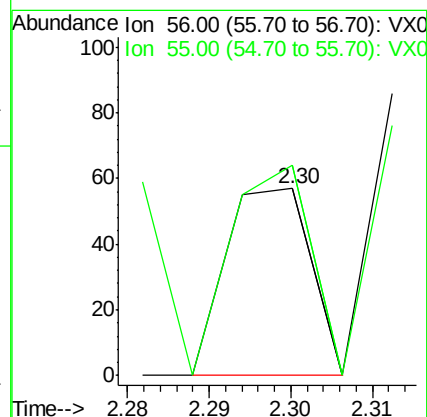
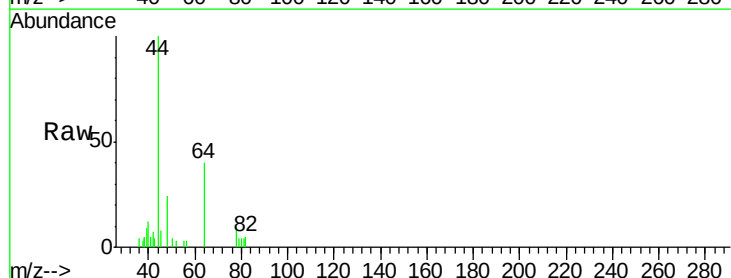
Acq: 08 May 2018 18:27

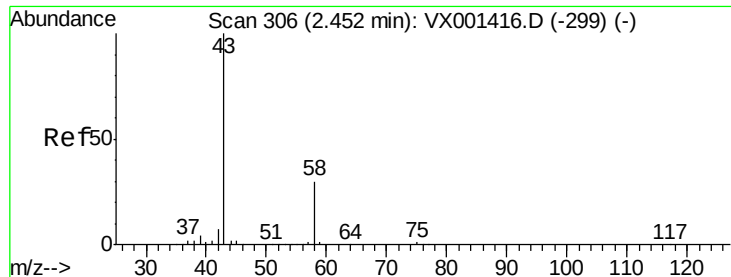
Tgt Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

55 107.3 54.5 81.7#





#16

Acetone

Concen: 10.82 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

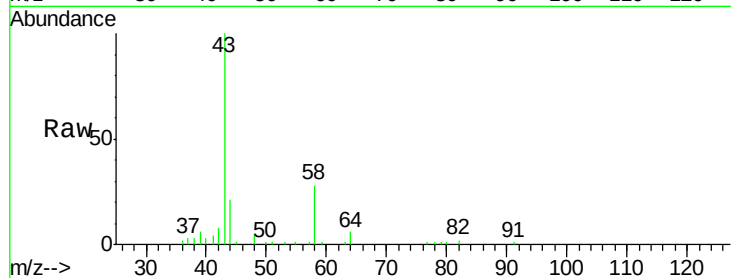
BPS1-TT-MW308S-20180501

Tgt Ion: 43 Resp: 16702

Ion Ratio Lower Upper

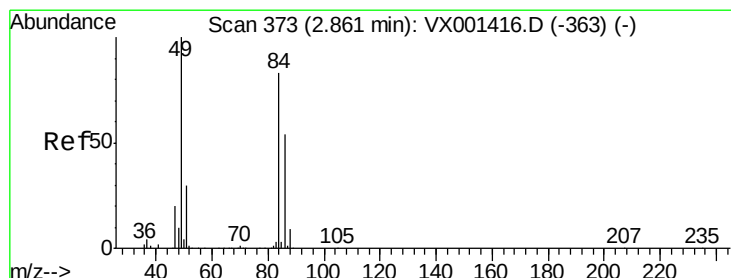
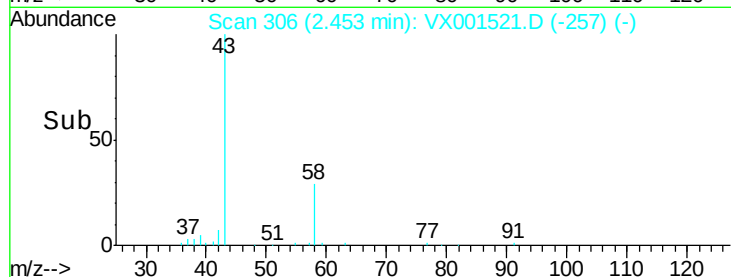
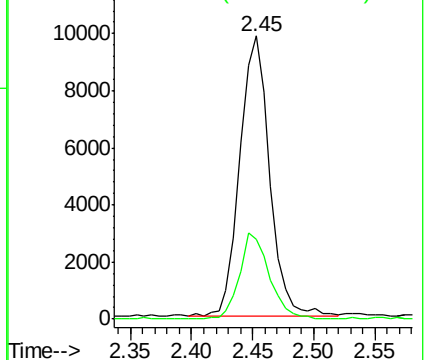
43 100

58 28.7 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: 0.30 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

Tgt Ion: 84 Resp: 903

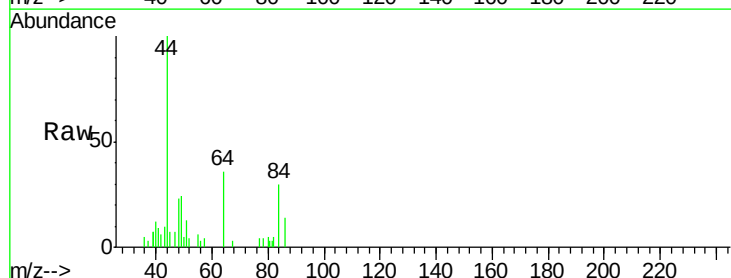
Ion Ratio Lower Upper

84 100

49 80.9 96.6 144.8#

51 27.9 29.0 43.4#

86 47.8 52.2 78.4#

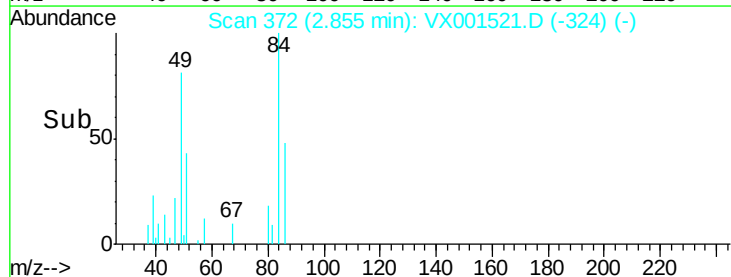
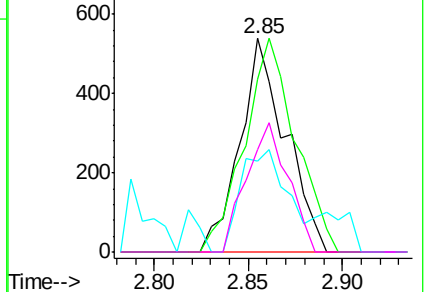


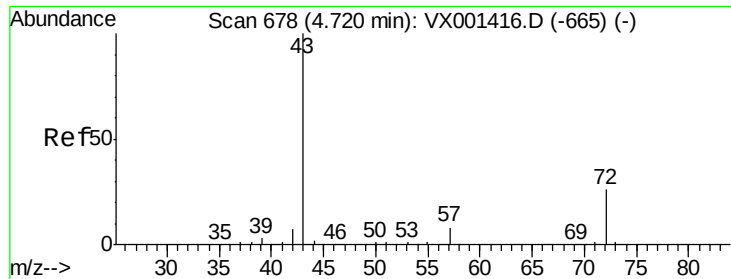
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 0.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

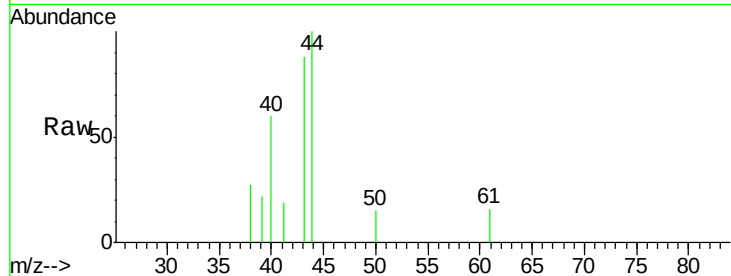
BPS1-TT-MW308S-20180501

Tgt Ion: 43 Resp: 782

Ion Ratio Lower Upper

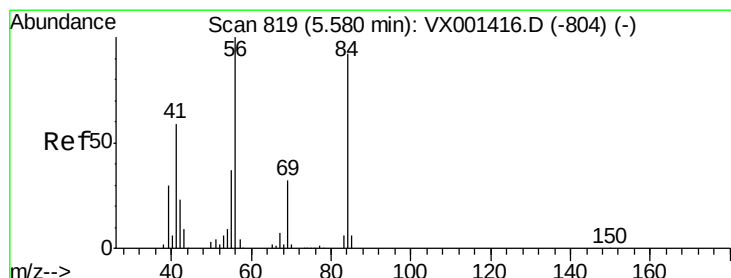
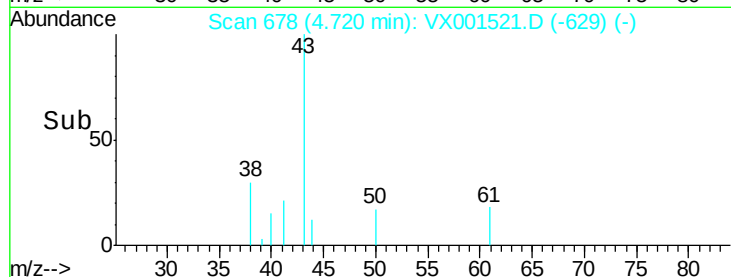
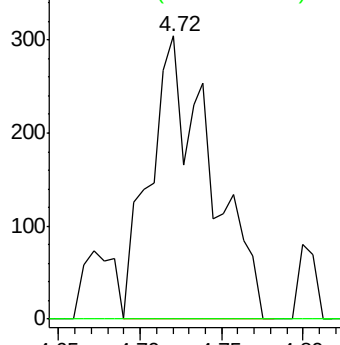
43 100

72 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

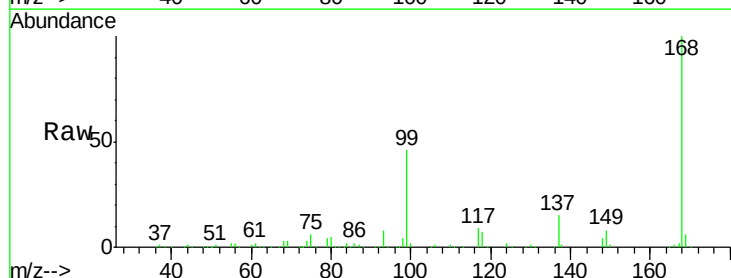
Tgt Ion: 56 Resp: 4170

Ion Ratio Lower Upper

56 100

69 154.8 25.4 38.0#

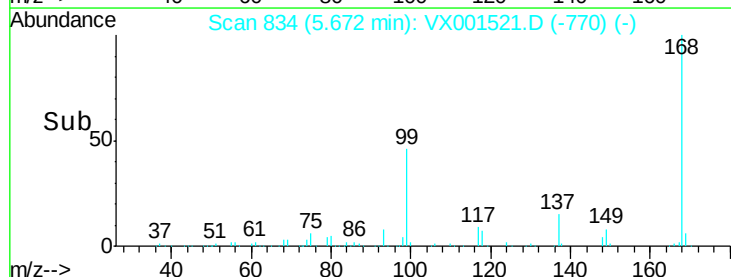
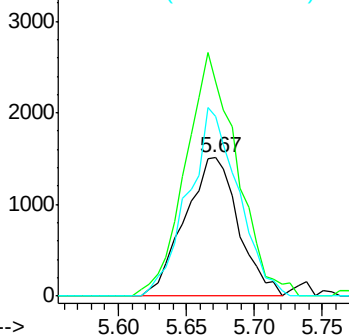
84 129.4 73.8 110.8#

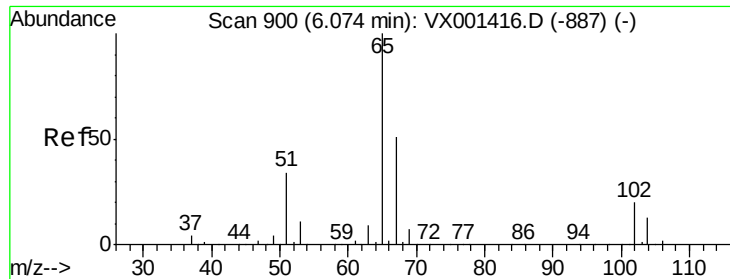


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

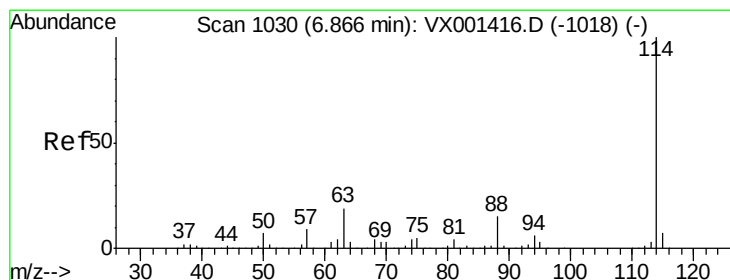
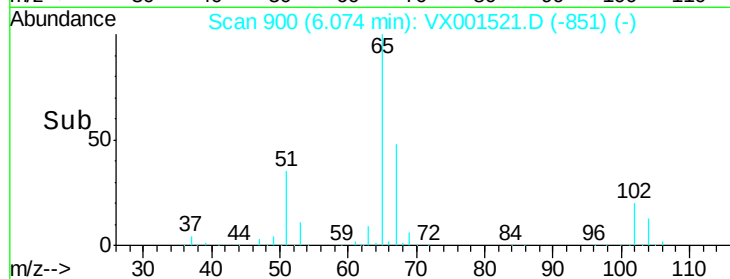
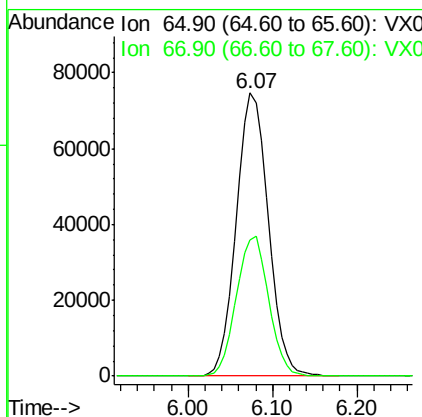
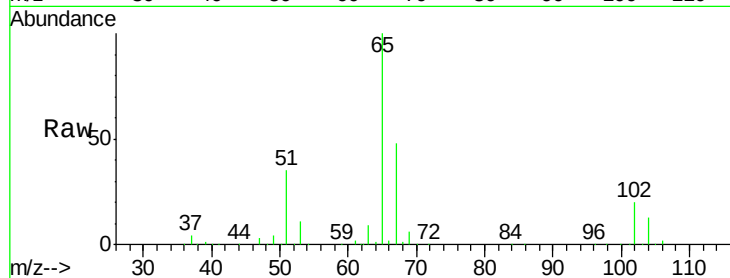




#33
 1,2-Dichloroethane-d4
 Concen: 56.55 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001521.D
 Acq: 08 May 2018 18:27

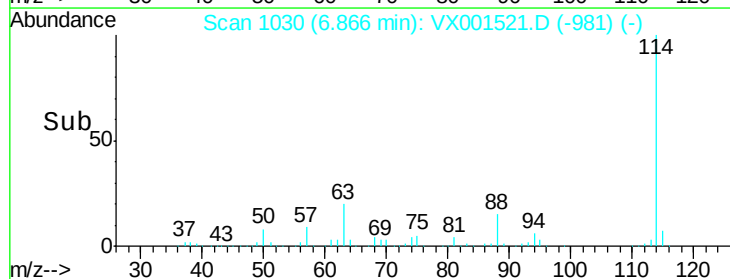
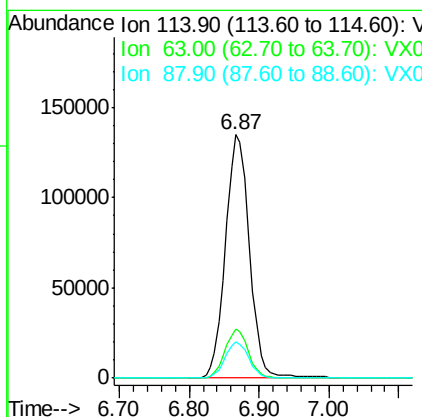
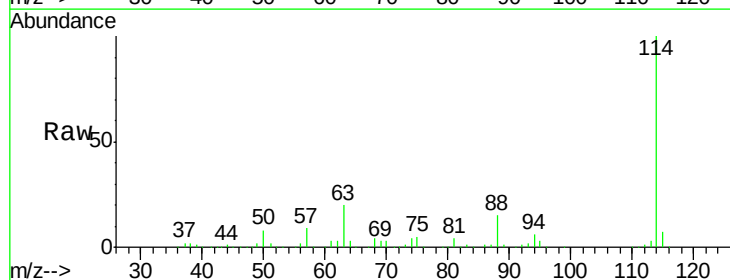
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308S-20180501

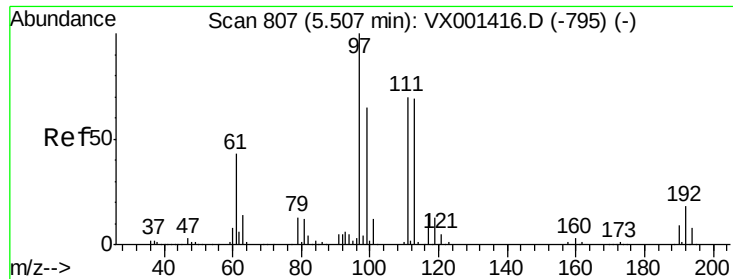
Tgt Ion: 65 Resp: 192264
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001521.D
 Acq: 08 May 2018 18:27

Tgt Ion: 114 Resp: 322128
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 14.8 0.0 30.8

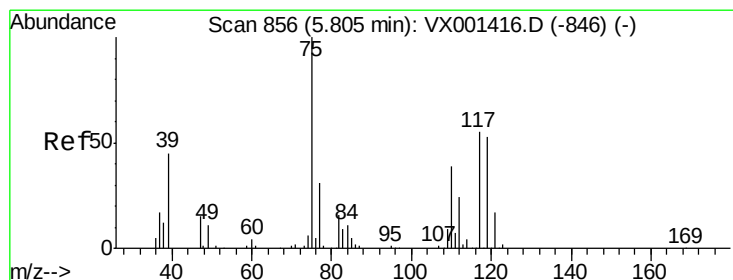
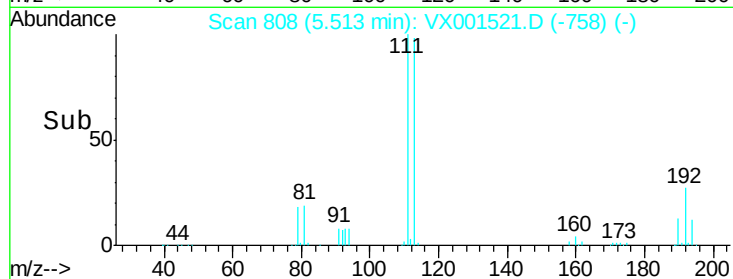
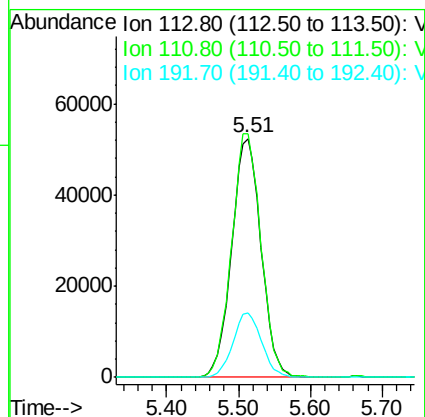
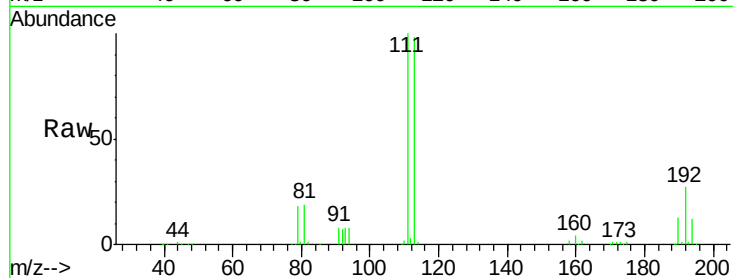




#35
 Dibromofluoromethane
 Concen: 51.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001521.D
 Acq: 08 May 2018 18:27

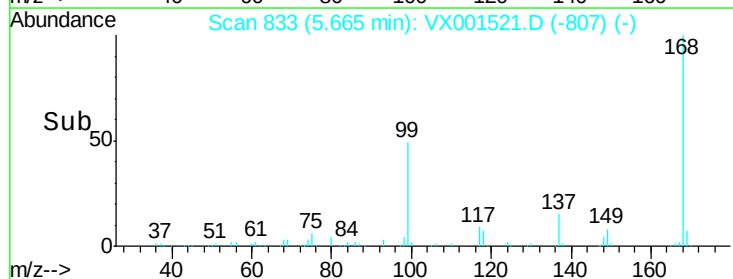
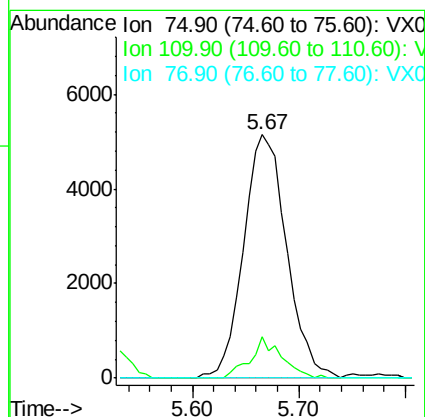
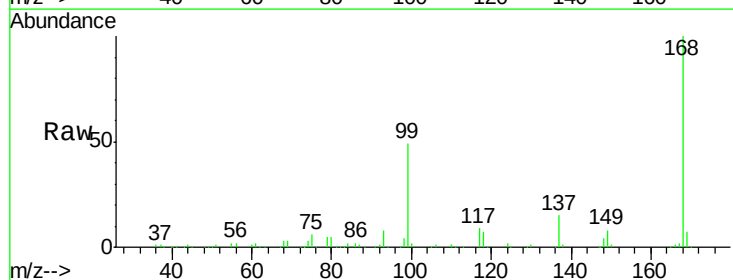
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308S-20180501

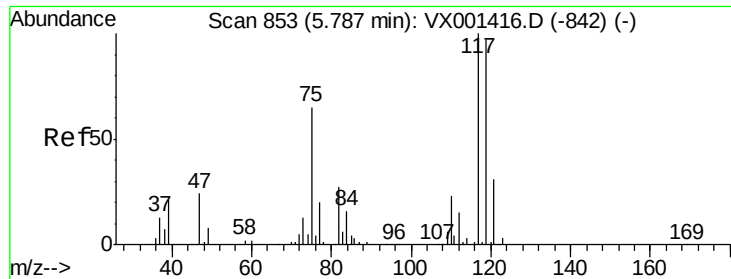
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	26.4	21.4	32.0



#36
 1,1-Dichloropropene
 Concen: 3.56 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001521.D
 Acq: 08 May 2018 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.3	18.9	56.7#
77	0.0	24.9	37.3#

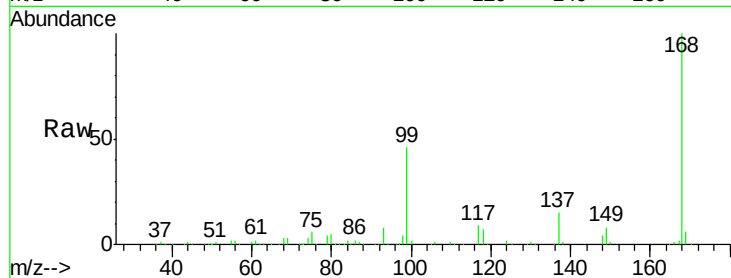




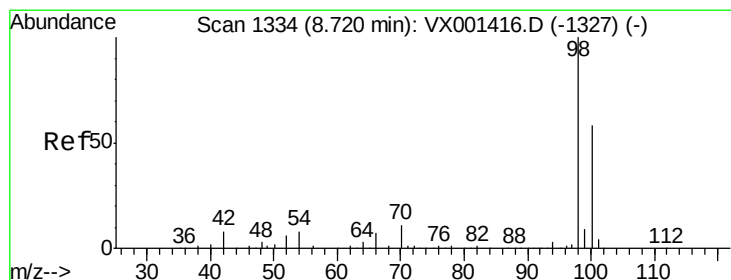
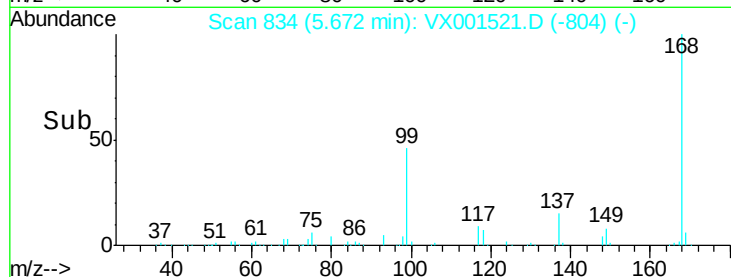
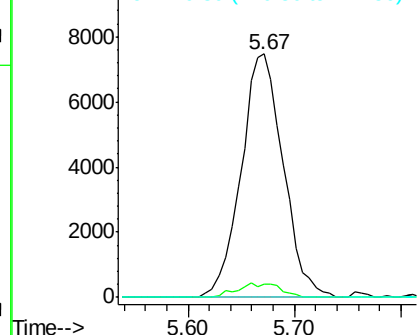
#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001521.D
Acq: 08 May 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308S-20180501

Tgt Ion: 117 Resp: 20625
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.6#
121 0.0 25.1 37.7#

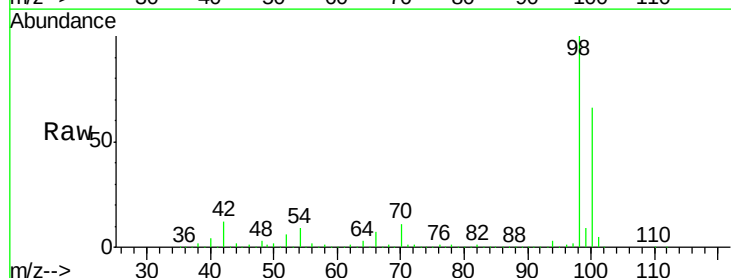


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

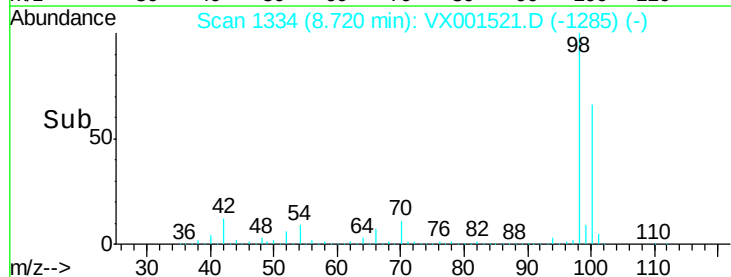
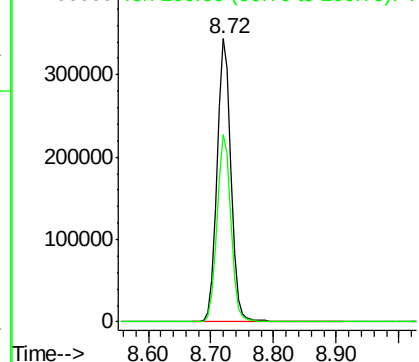


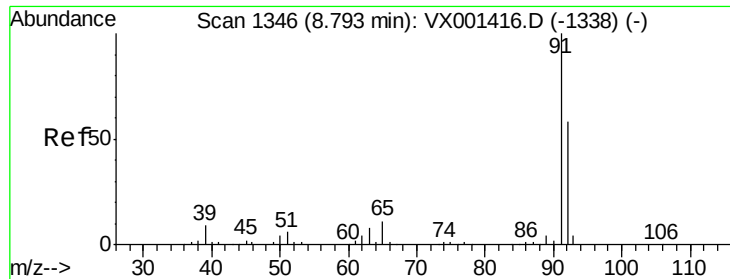
#50
Toluene-d8
Concen: 50.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001521.D
Acq: 08 May 2018 18:27

Tgt Ion: 98 Resp: 528327
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.27 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

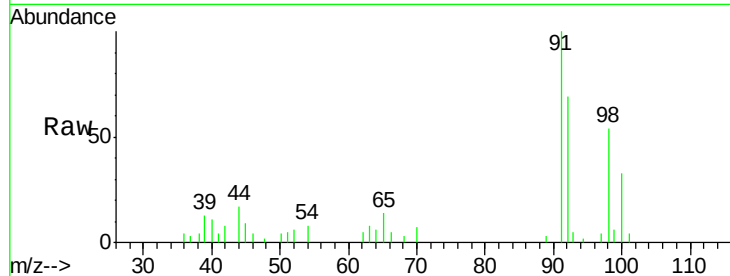
BPS1-TT-MW308S-20180501

Tgt Ion: 92 Resp: 2138

Ion Ratio Lower Upper

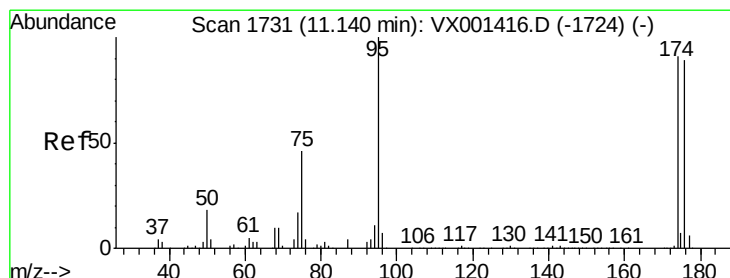
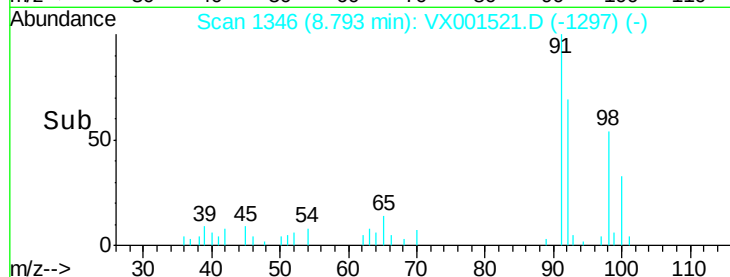
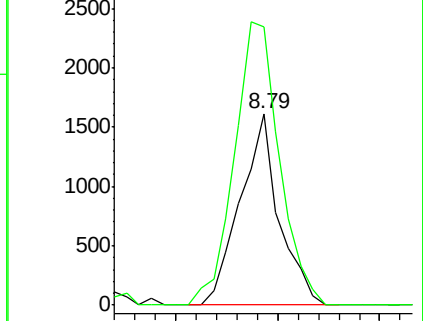
92 100

91 170.9 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001521.D

Acq: 08 May 2018 18:27

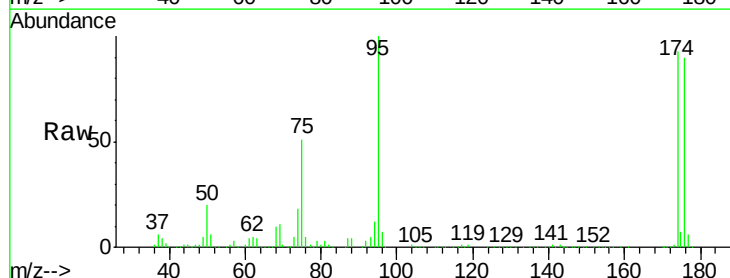
Tgt Ion: 95 Resp: 172987

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

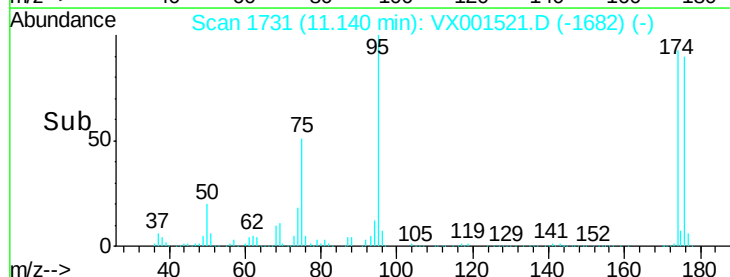
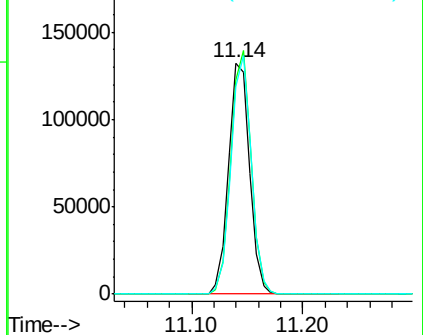
176 99.5 0.0 197.4

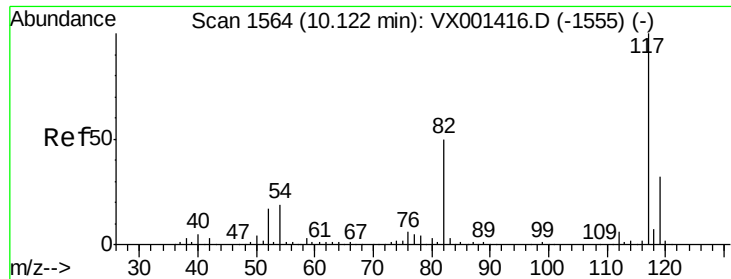


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

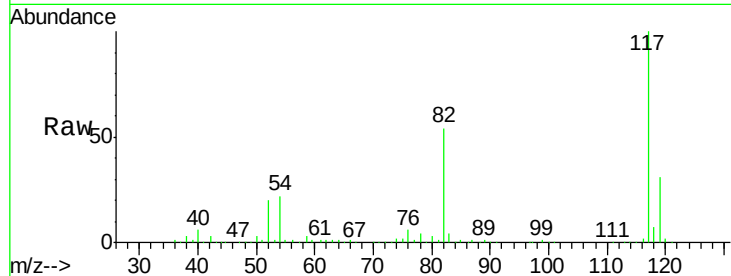




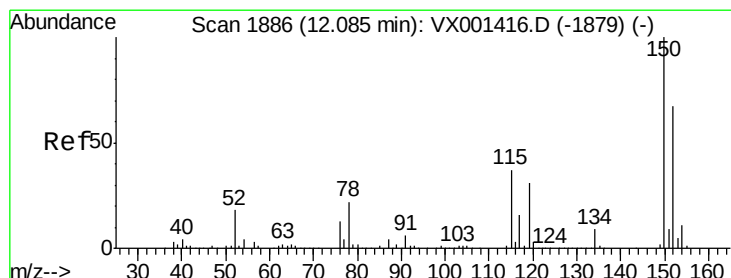
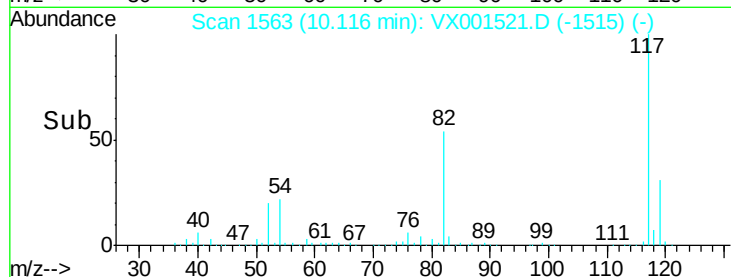
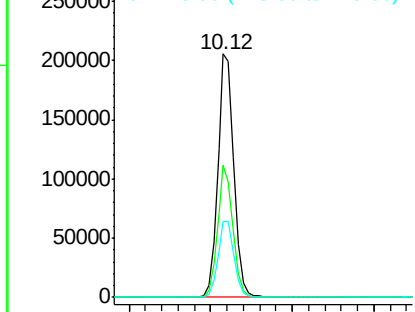
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001521.D
Acq: 08 May 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308S-20180501

Tgt Ion:117 Resp: 283804
Ion Ratio Lower Upper
117 100
82 54.1 40.0 60.0
119 31.4 25.8 38.8

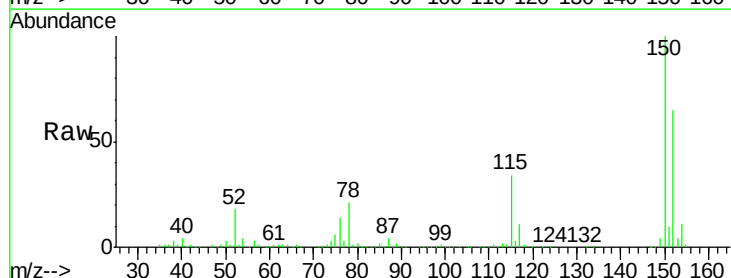


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

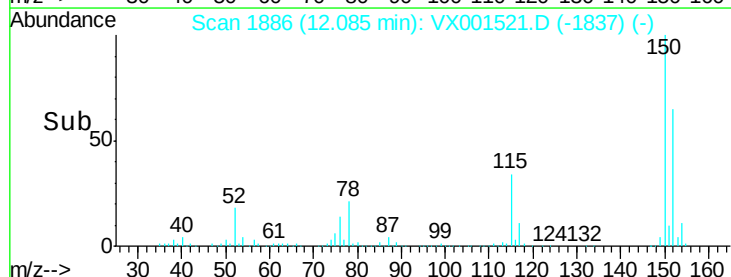
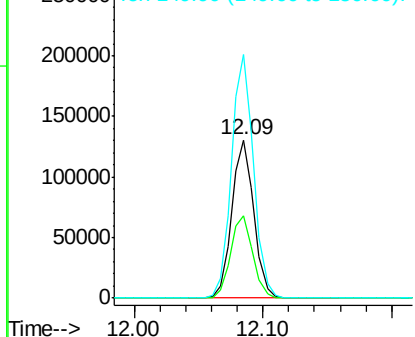


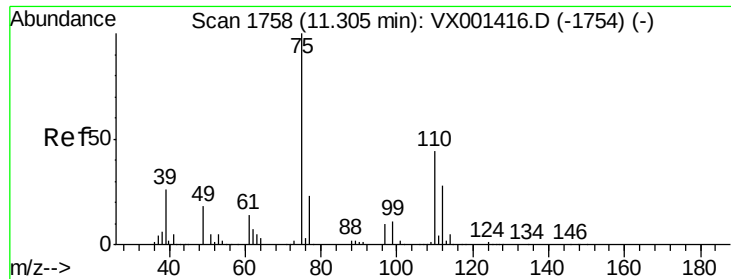
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001521.D
Acq: 08 May 2018 18:27

Tgt Ion:152 Resp: 155137
Ion Ratio Lower Upper
152 100
115 52.7 37.7 113.1
150 155.2 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

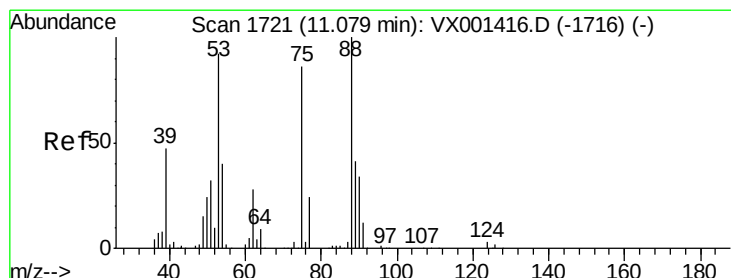
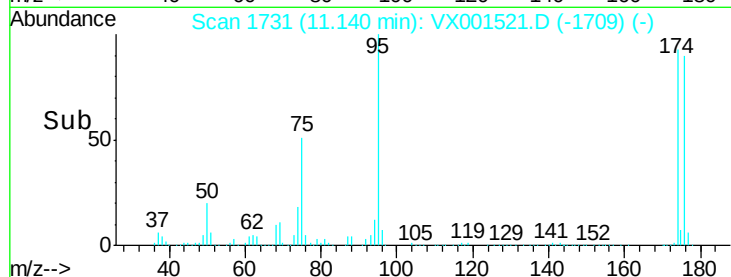
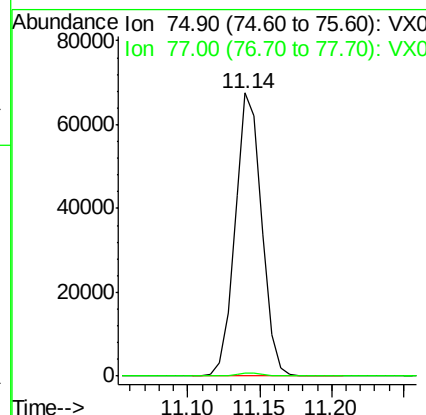
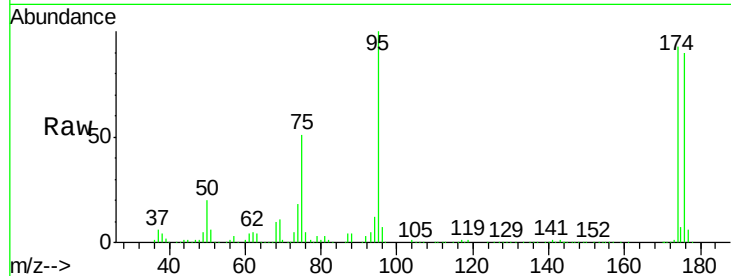




#76
 1,2,3-Trichloropropane
 Concen: 27.71 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001521.D
 Acq: 08 May 2018 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308S-20180501

Tgt Ion: 75 Resp: 87180
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.06 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001521.D
 Acq: 08 May 2018 18:27

Tgt Ion: 75 Resp: 87180
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

