

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001515.D
 Acq On : 08 May 2018 15:46
 Operator : JC/MD
 Sample : J2659-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

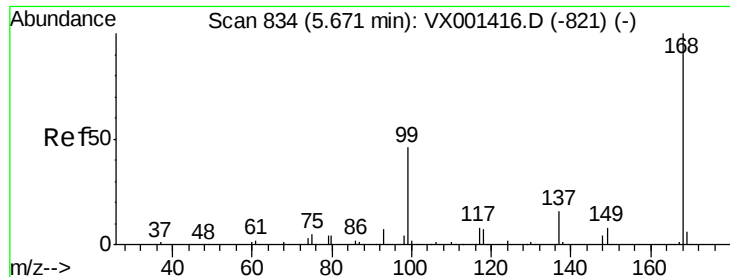
Quant Time: May 09 06:45:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178814	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	215976	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
35) Dibromofluoromethane	5.51	113	164977	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	8.72	98	593797	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	197766	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	860	Below Cal	#	79
10) Methyl Iodide	2.52	142	1093	0.24	ug/l #	96
11) Tert butyl alcohol	3.03	59	4261	5.43	ug/l #	79
13) Acrolein	2.30	56	215	Below Cal	#	65
16) Acetone	2.45	43	7291	4.31	ug/l	100
20) Methylene Chloride	2.86	84	760	0.23	ug/l	93
26) 2,2-Dichloropropane	4.80	77	1539	0.36	ug/l #	53
31) Cyclohexane	5.67	56	5113	1.07	ug/l #	24
36) 1,1-Dichloropropene	5.67	75	16641	3.65	ug/l #	49
37) Ethyl Acetate	4.79	43	1462	0.29	ug/l #	1
38) Carbon Tetrachloride	5.67	117	21975	4.52	ug/l #	16
54) cis-1,3-Dichloropropene	9.04	75	20	2.27	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	98599	27.19	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	98599	83.54	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 904

Delta R.T. 0.00 min

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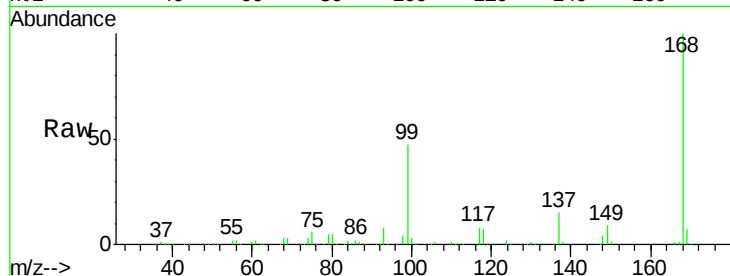
BPS1-TT-MW311S-20180429

Tgt Ion:168 Resp: 258906

Ion Ratio Lower Upper

168 100

99 47.4 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

100000

80000

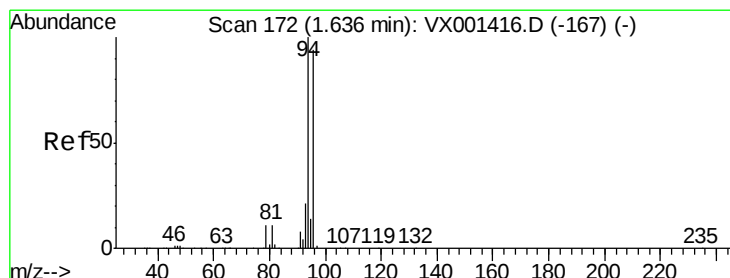
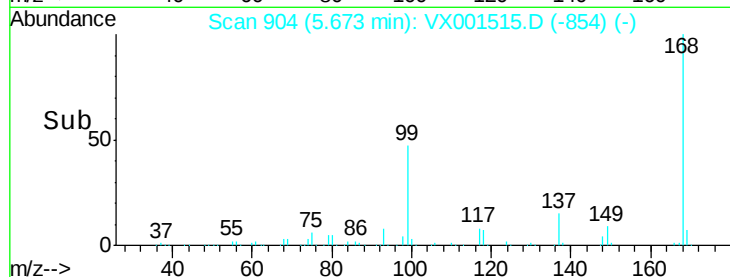
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX001515.D

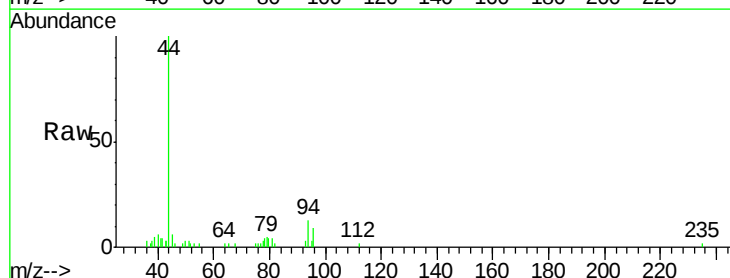
Acq: 08 May 2018 15:46

Tgt Ion: 94 Resp: 860

Ion Ratio Lower Upper

94 100

96 74.0 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

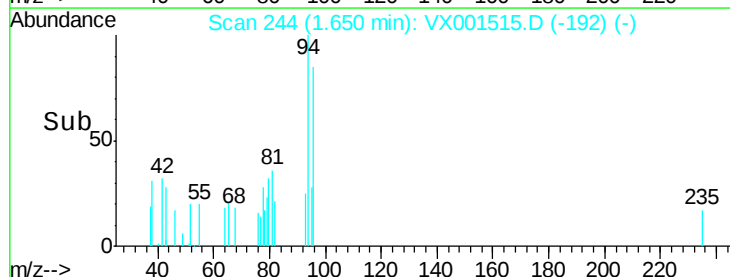
300

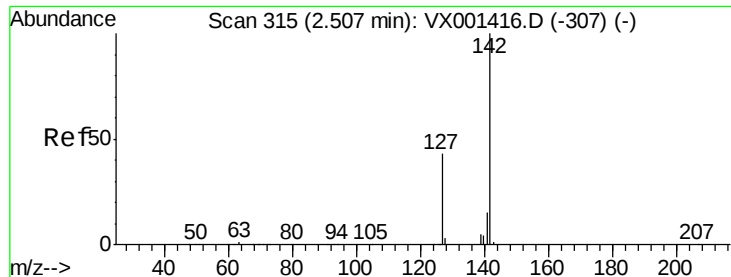
200

100

0

Time--> 1.60 1.65 1.70

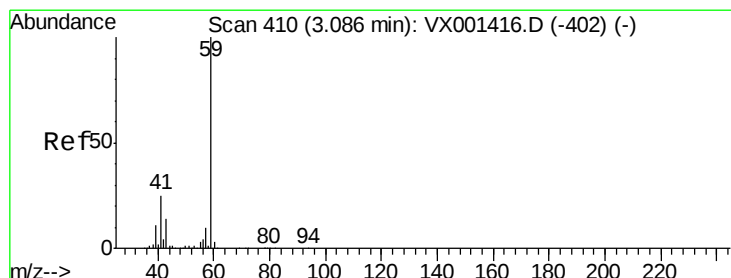
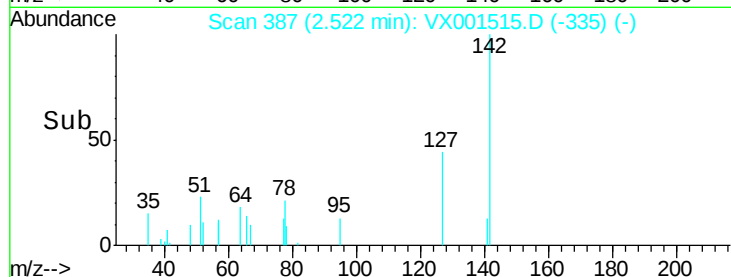
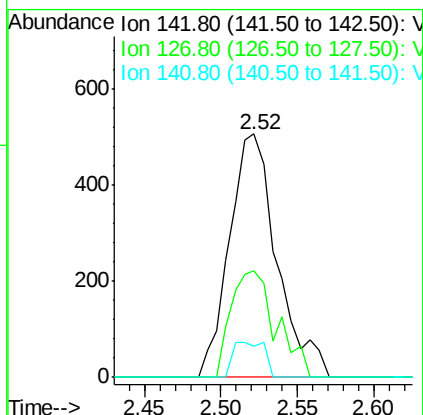
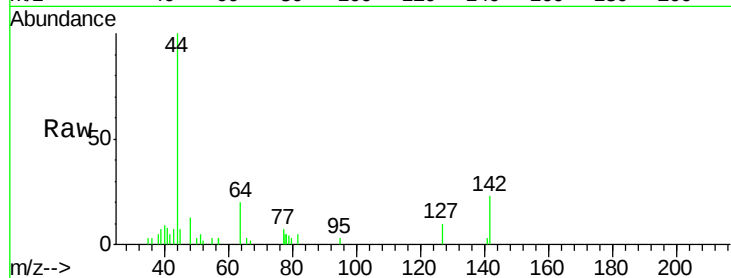




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.52 min Scan# 387
Delta R.T. 0.01 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

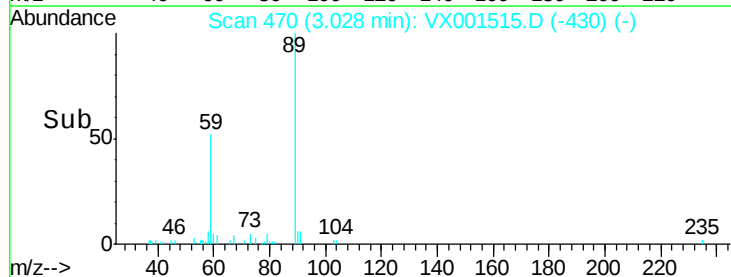
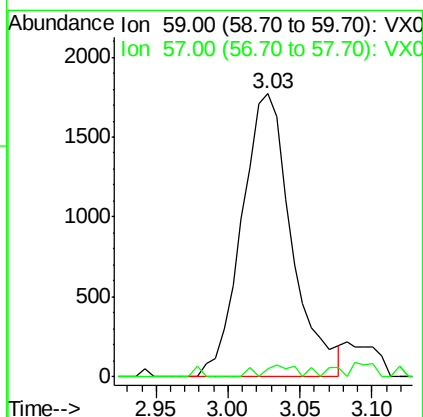
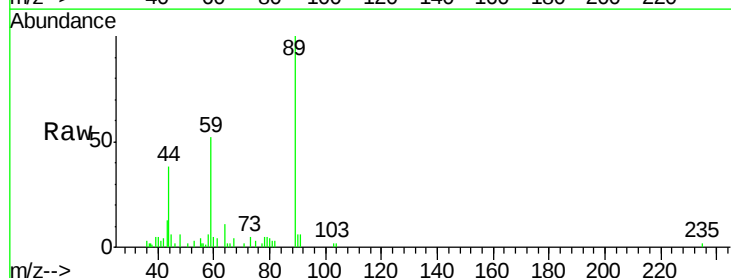
Instrument :
MSVOA_X
ClientSampleId :
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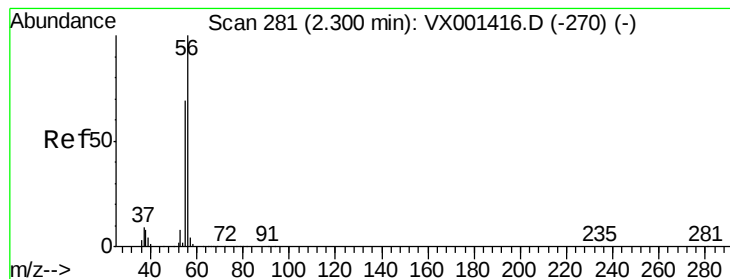
Tgt Ion: 142 Resp: 1093
Ion Ratio Lower Upper
142 100
127 41.5 33.6 50.4
141 9.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 5.43 ug/l
RT: 3.03 min Scan# 470
Delta R.T. -0.06 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

Tgt Ion: 59 Resp: 4261
Ion Ratio Lower Upper
59 100
57 2.6 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 350

Delta R.T. -0.00 min

Lab File: VX001515.D

Acq: 08 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

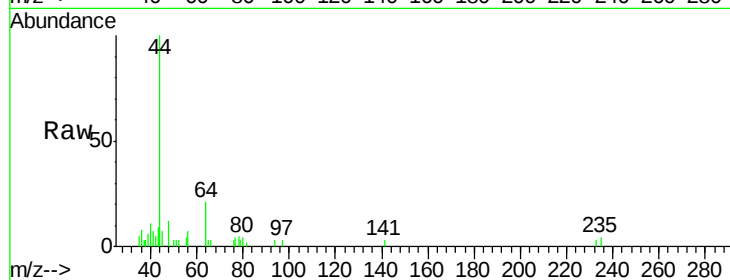
BPS1-TT-MW311S-20180429

Tgt Ion: 56 Resp: 215

Ion Ratio Lower Upper

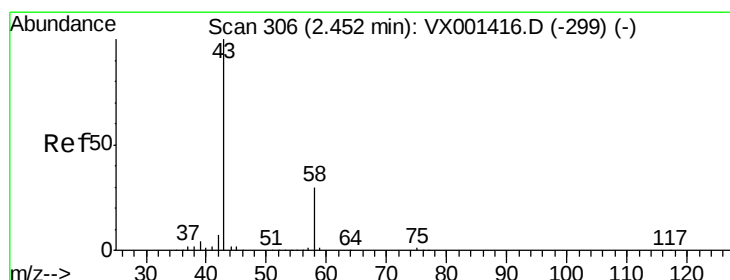
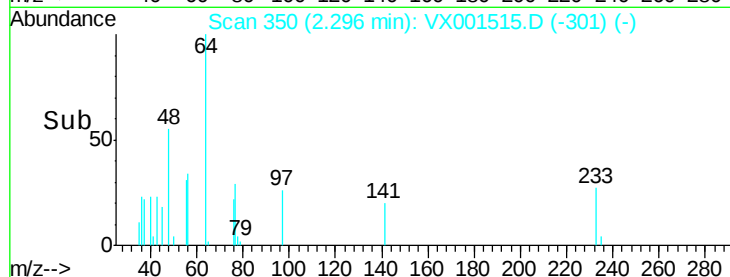
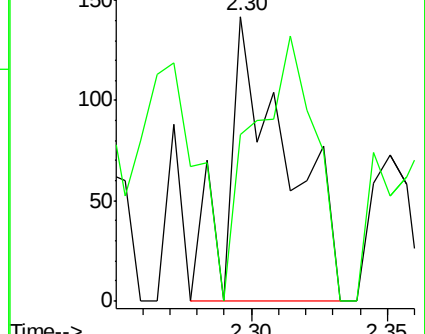
56 100

55 96.3 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: 4.31 ug/l

RT: 2.45 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX001515.D

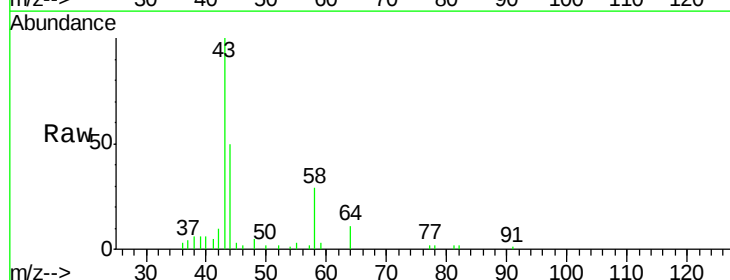
Acq: 08 May 2018 15:46

Tgt Ion: 43 Resp: 7291

Ion Ratio Lower Upper

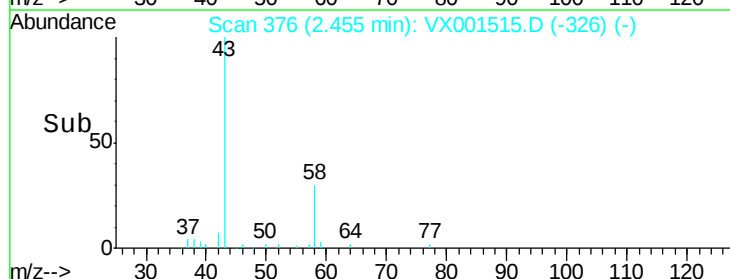
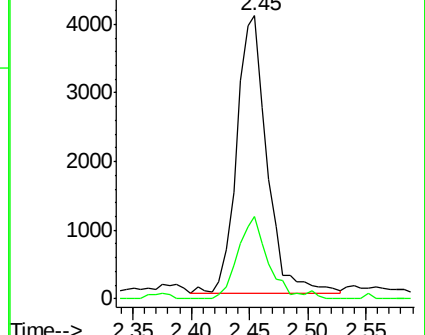
43 100

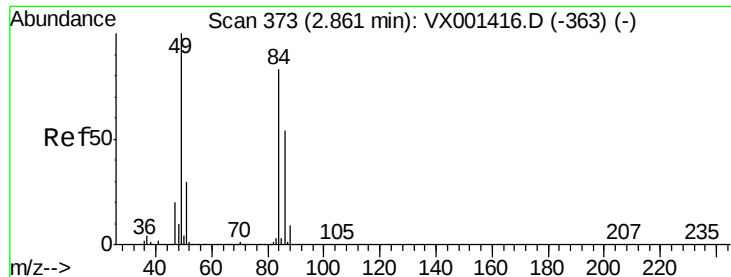
58 29.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

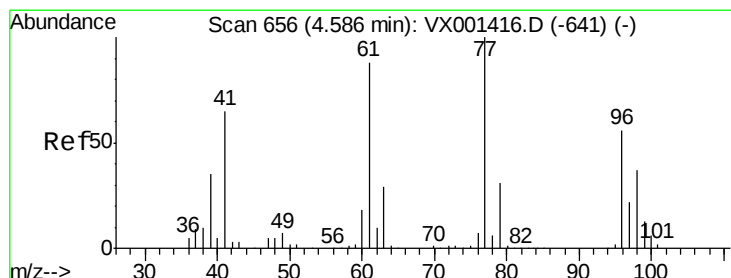
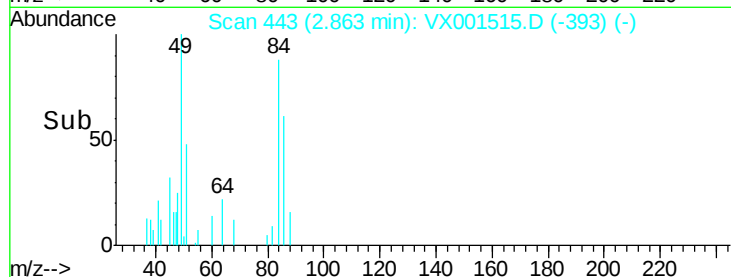
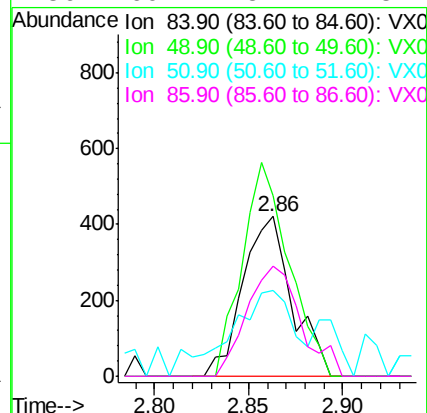
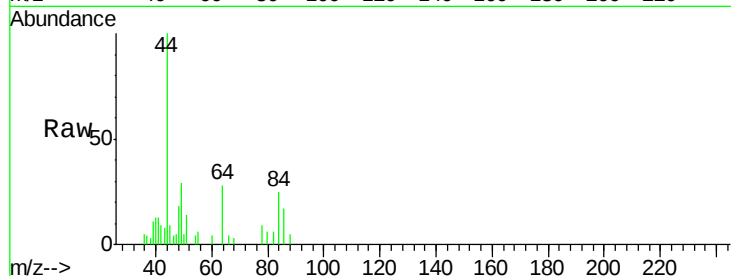




#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.86 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

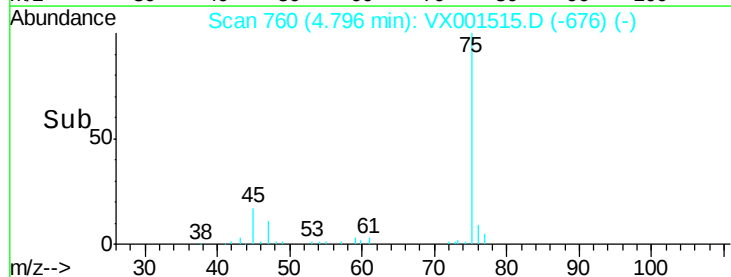
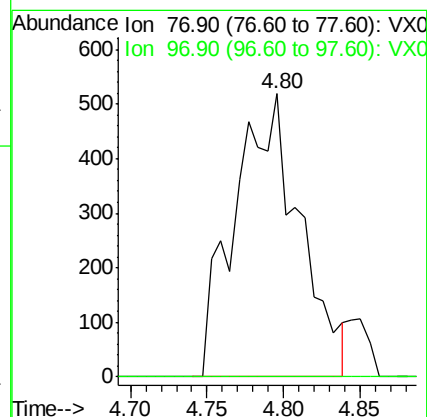
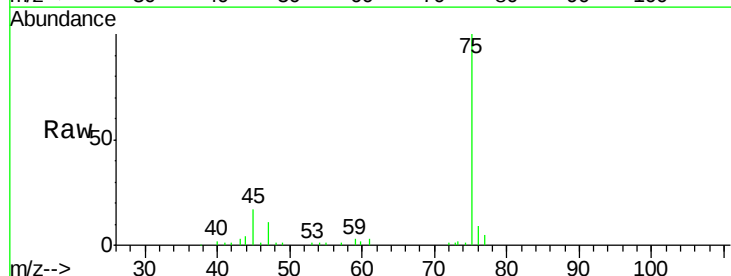
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW311S-20180429

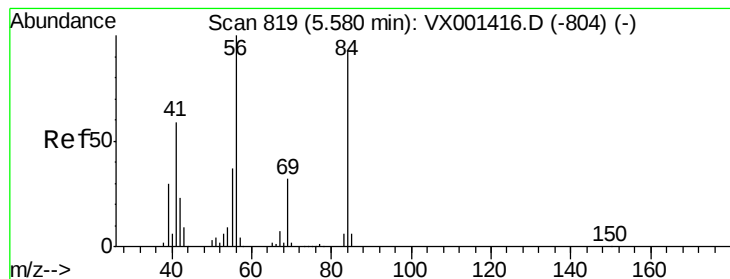
Tgt Ion:	84	Resp:	760
Ion	Ratio	Lower	Upper
84	100		
49	113.1	96.6	144.8
51	41.6	29.0	43.4
86	69.1	52.2	78.4



#26
2,2-Dichloropropane
Concen: 0.36 ug/l
RT: 4.80 min Scan# 760
Delta R.T. 0.21 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

Tgt Ion:	77	Resp:	1539
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.2	33.6#





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.67 min Scan# 903

Delta R.T. 0.09 min

Lab File: VX001515.D

Acq: 08 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW311S-20180429

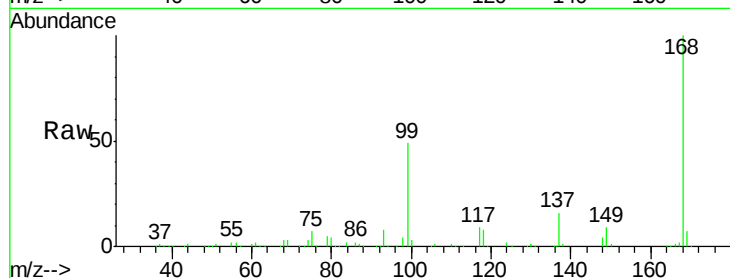
Tgt Ion: 56 Resp: 5113

Ion Ratio Lower Upper

56 100

69 152.8 25.4 38.0#

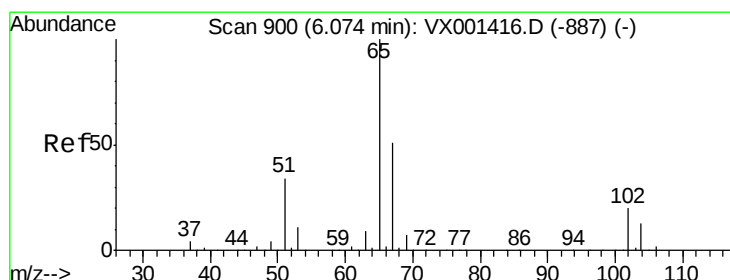
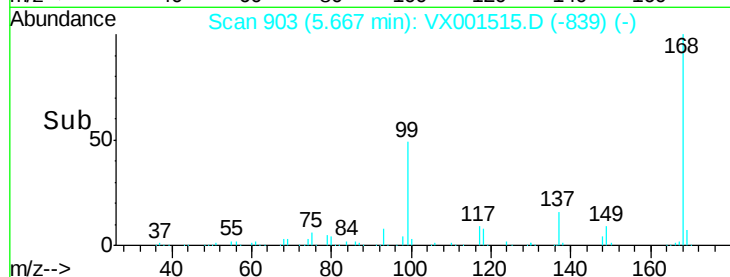
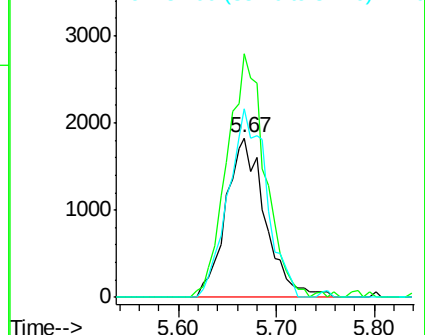
84 118.5 73.8 110.8#



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: 58.04 ug/l

RT: 6.08 min Scan# 970

Delta R.T. 0.00 min

Lab File: VX001515.D

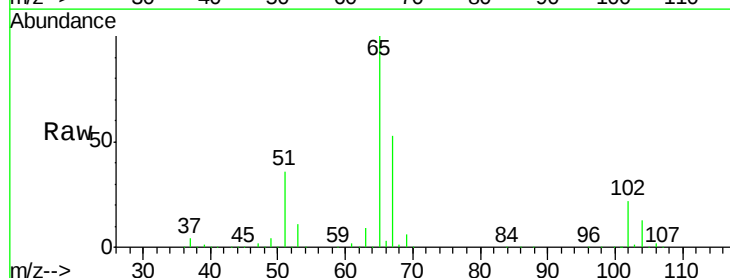
Acq: 08 May 2018 15:46

Tgt Ion: 65 Resp: 215976

Ion Ratio Lower Upper

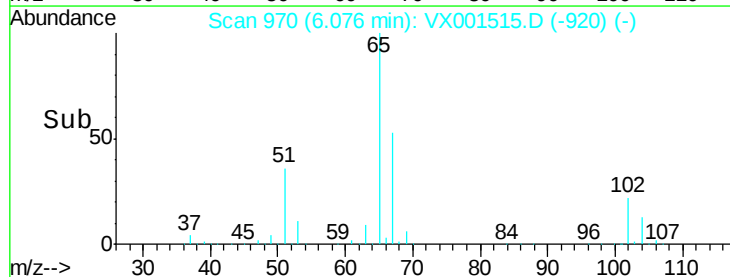
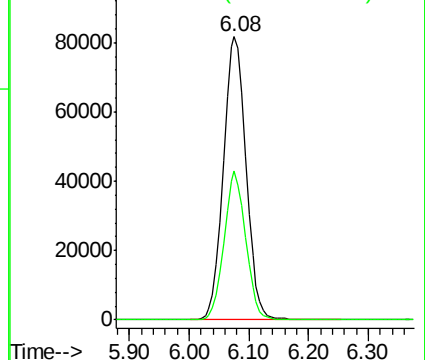
65 100

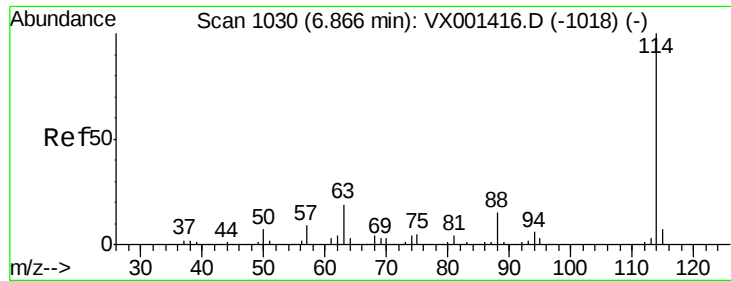
67 50.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

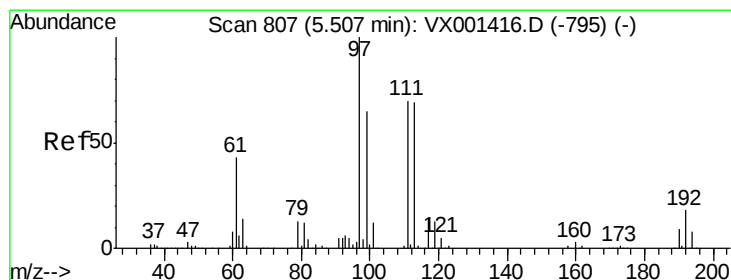
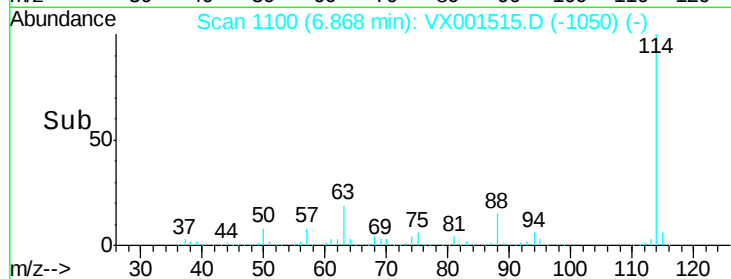
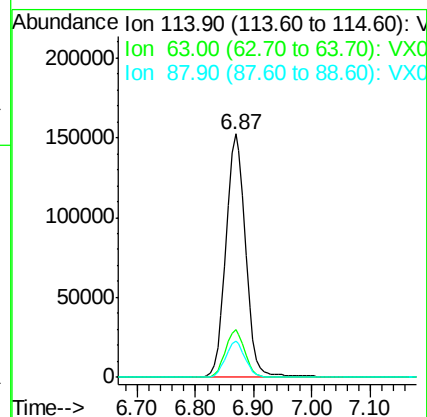
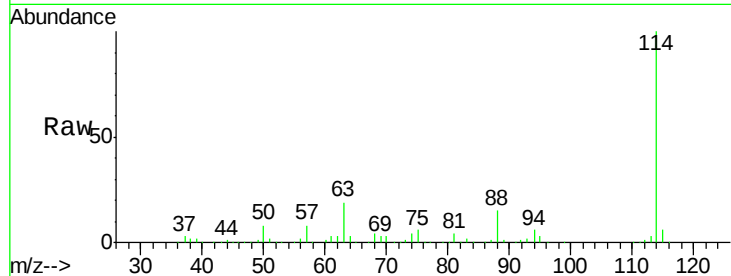




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

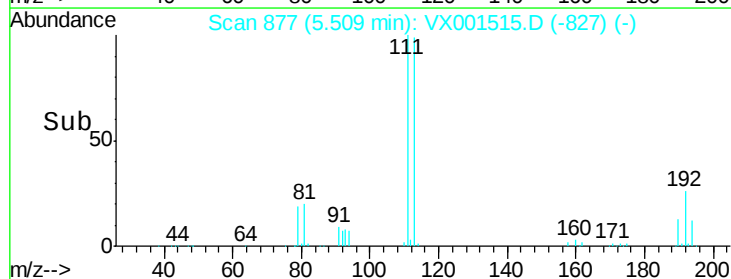
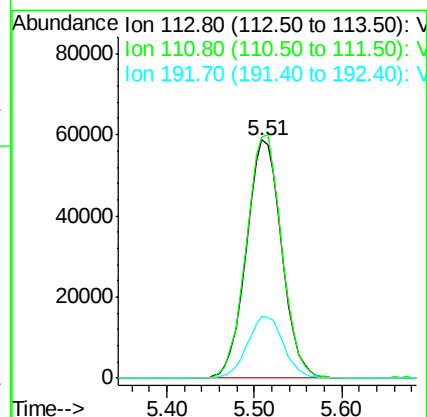
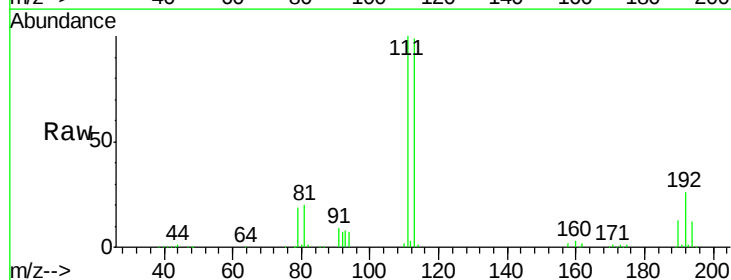
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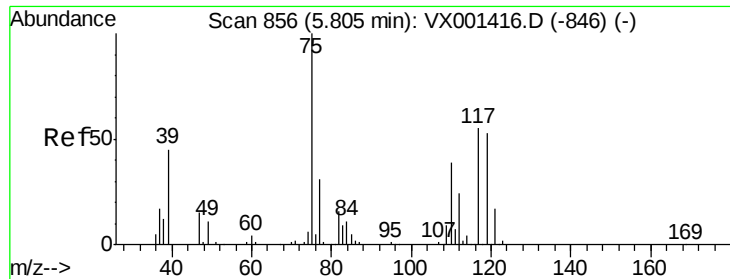
Tgt Ion:114 Resp: 358091
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.80 ug/l
RT: 5.51 min Scan# 877
Delta R.T. 0.00 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

Tgt Ion:113 Resp: 164977
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 26.7 21.4 32.0

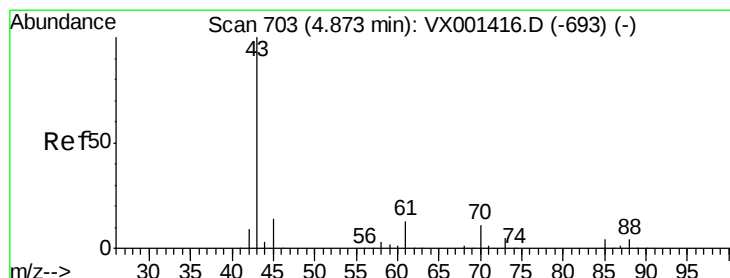
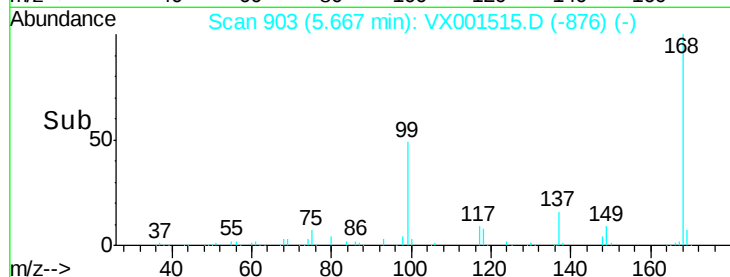
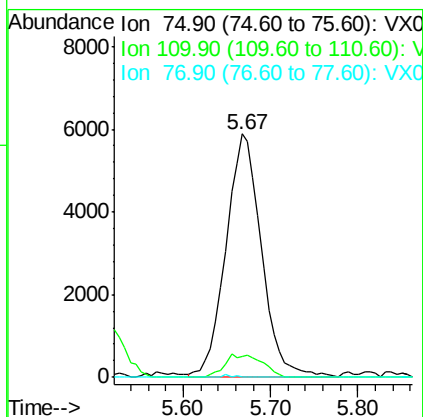
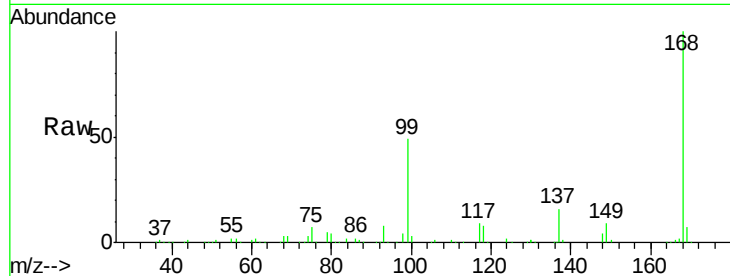




#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 5.67 min Scan# 903
 Delta R.T. -0.14 min
 Lab File: VX001515.D
 Acq: 08 May 2018 15:46

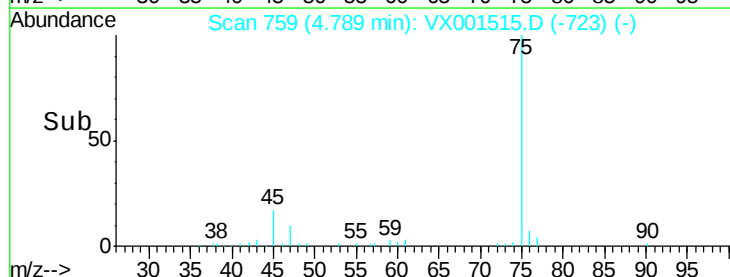
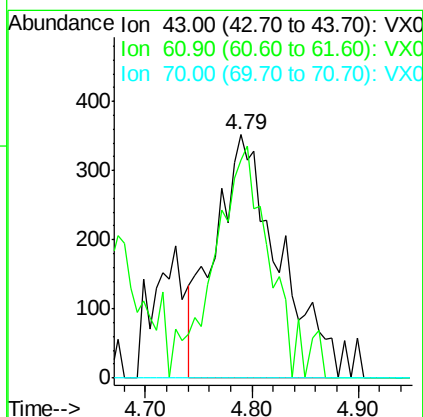
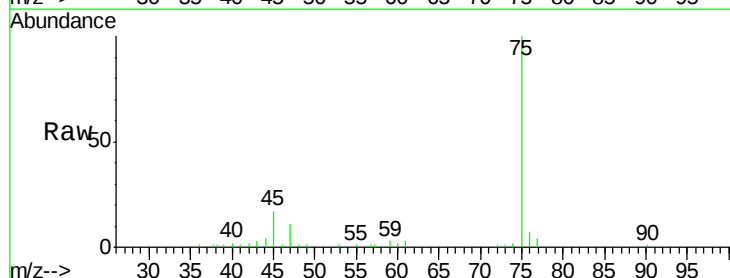
Instrument :
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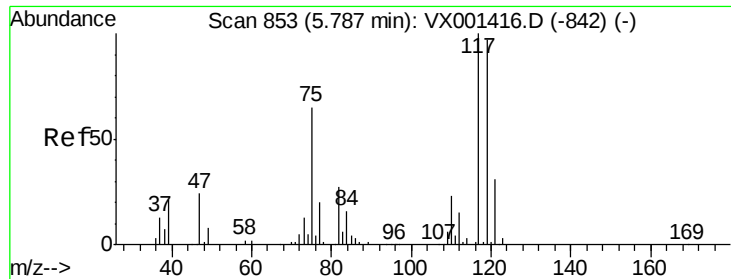
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.9	56.7#
77	0.3	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 0.29 ug/l
 RT: 4.79 min Scan# 759
 Delta R.T. -0.08 min
 Lab File: VX001515.D
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Tgt Ion	Ratio	Lower	Upper
43	100		
61	77.8	10.7	16.1#
70	0.0	8.4	12.6#

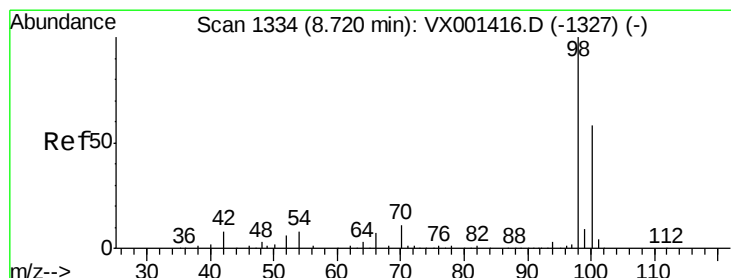
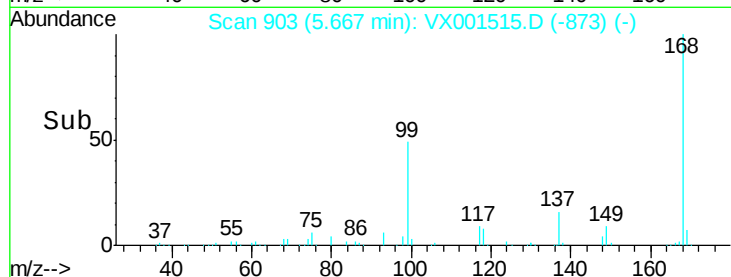
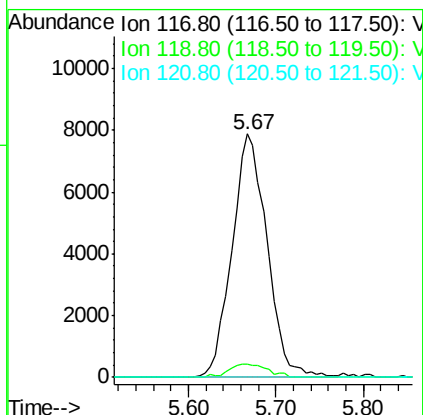
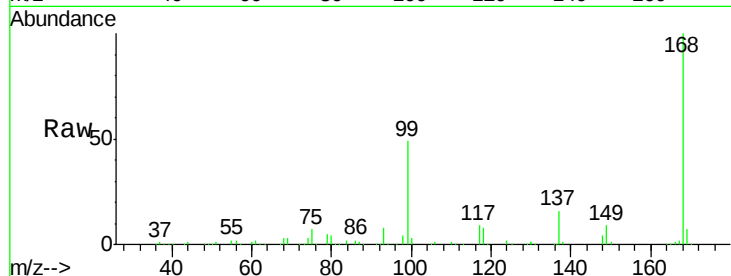




#38
Carbon Tetrachloride
Concen: 4.52 ug/l
RT: 5.67 min Scan# 903
Delta R.T. -0.12 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

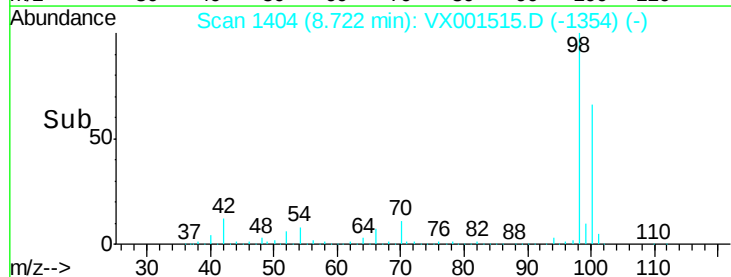
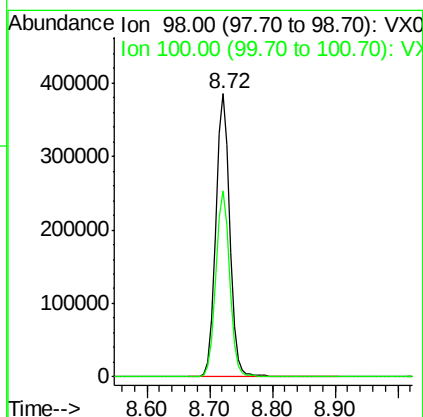
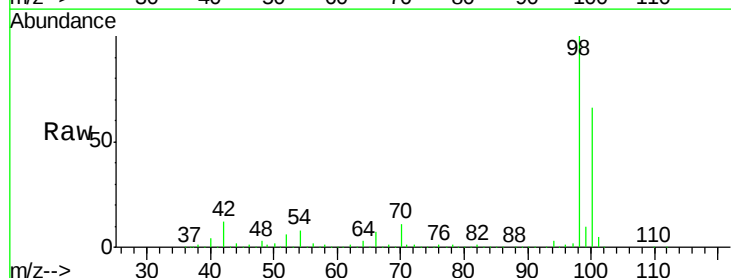
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW311S-20180429

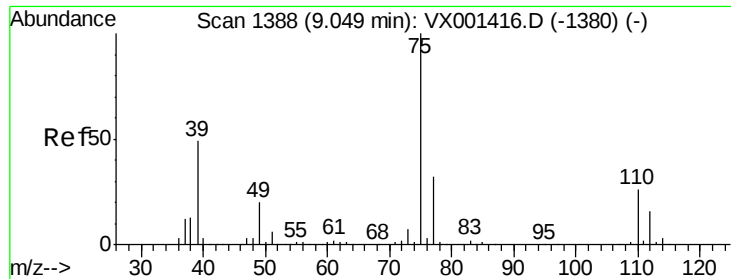
Tgt Ion: 117 Resp: 21975
Ion Ratio Lower Upper
117 100
119 5.5 77.0 115.6#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 8.72 min Scan# 1404
Delta R.T. 0.00 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

Tgt Ion: 98 Resp: 593797
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0

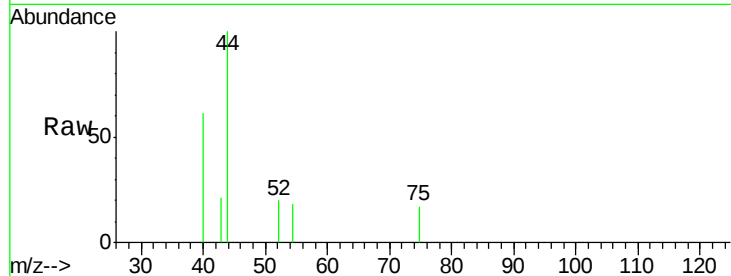




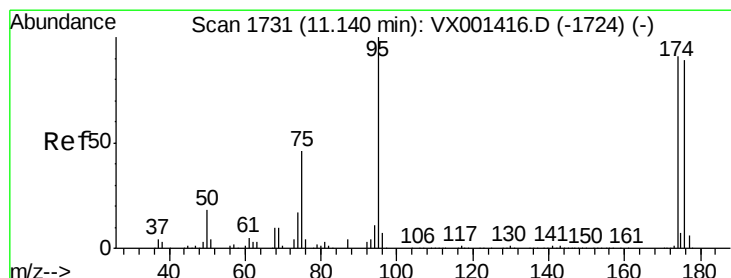
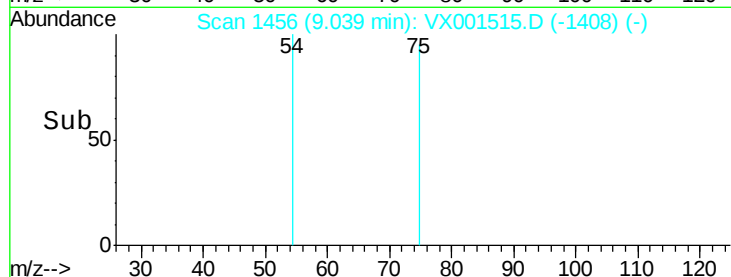
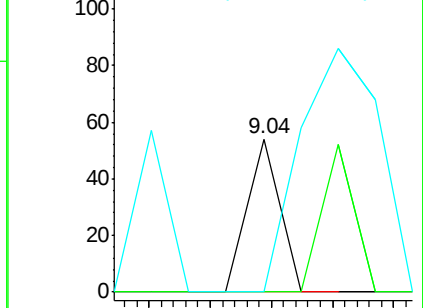
#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.04 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VX001515.D
 Acq: 08 May 2018 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 38.9 58.3#

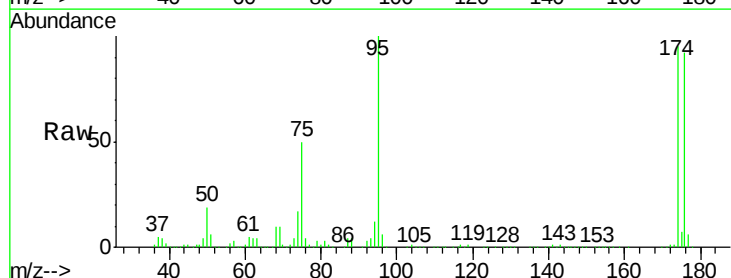


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

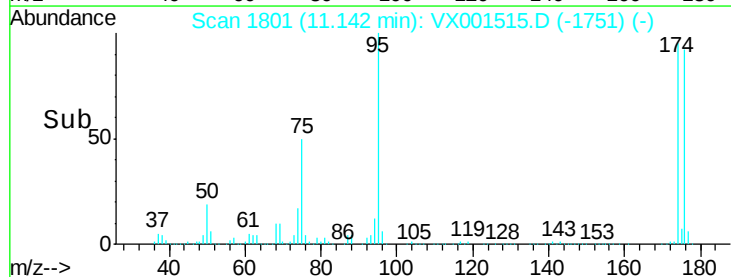
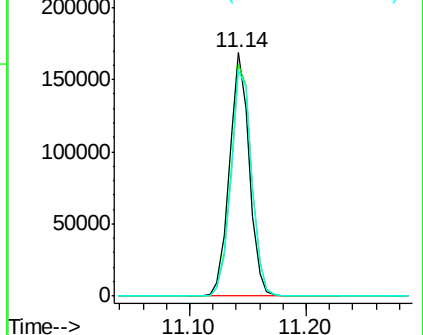


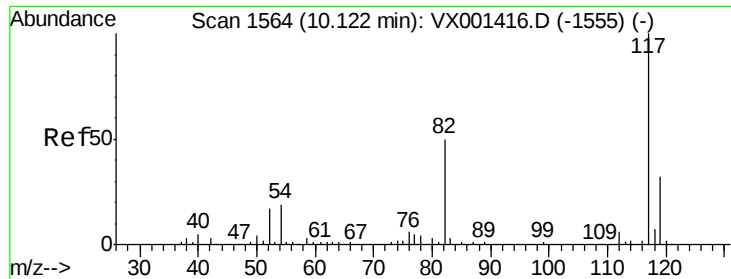
#62
 4-Bromofluorobenzene
 Concen: 44.31 ug/l
 RT: 11.14 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VX001515.D
 Acq: 08 May 2018 15:46

Tgt Ion: 95 Resp: 197766
 Ion Ratio Lower Upper
 95 100
 174 100.0 0.0 202.0
 176 97.7 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

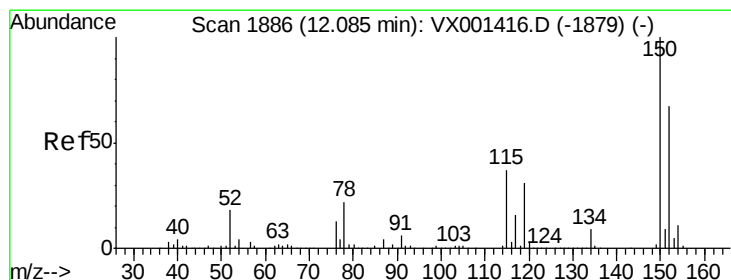
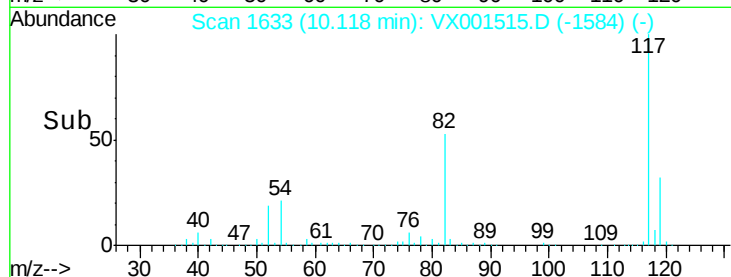
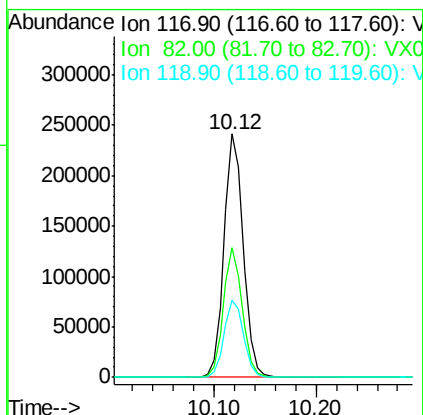
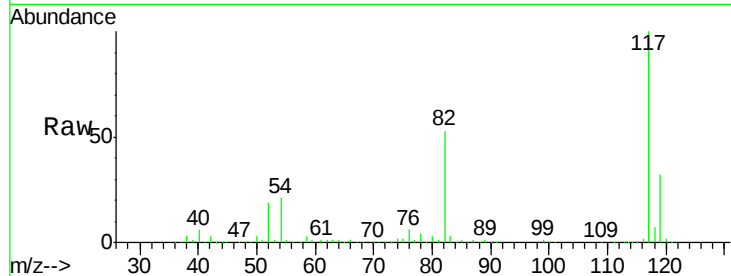




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

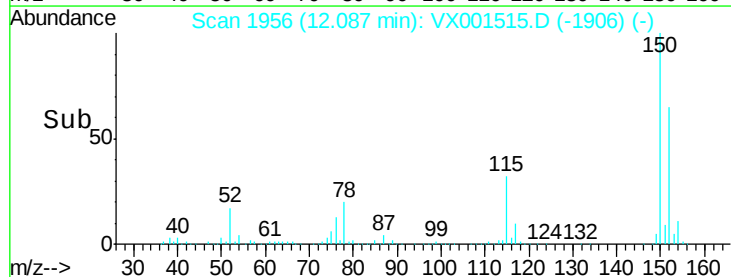
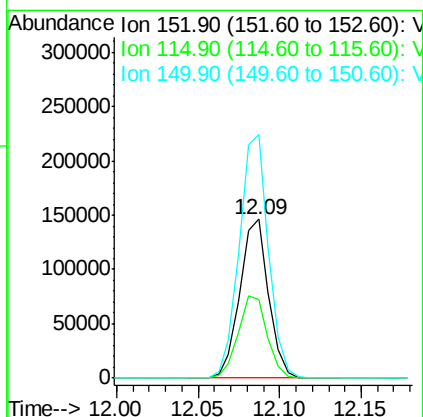
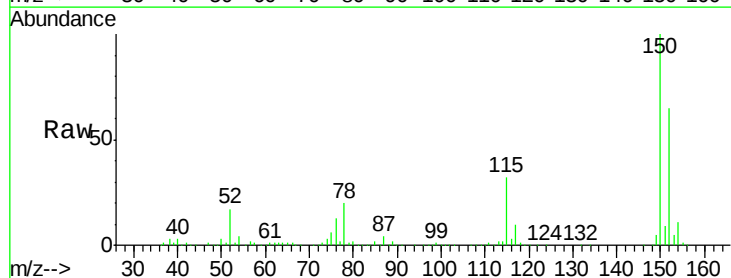
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW311S-20180429

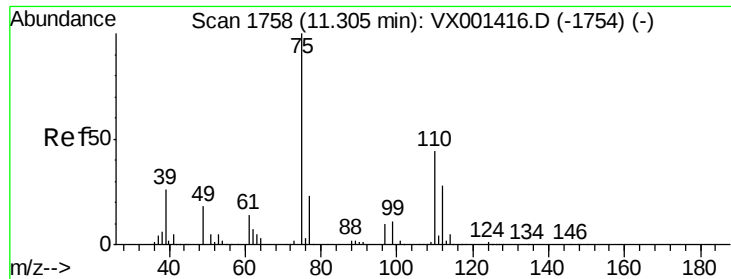
Tgt Ion:117 Resp: 317058
Ion Ratio Lower Upper
117 100
82 53.0 40.0 60.0
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VX001515.D
Acq: 08 May 2018 15:46

Tgt Ion:152 Resp: 178814
Ion Ratio Lower Upper
152 100
115 52.6 37.7 113.1
150 156.0 0.0 349.4

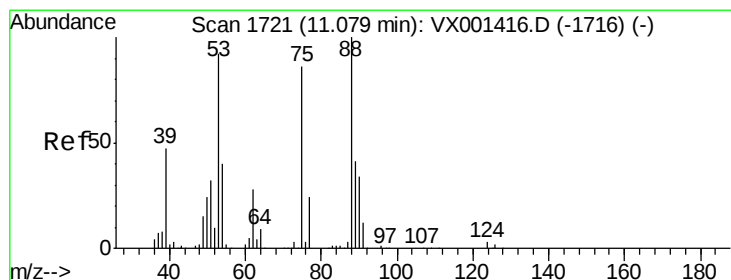
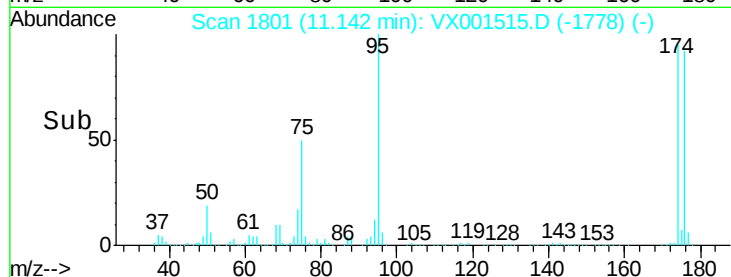
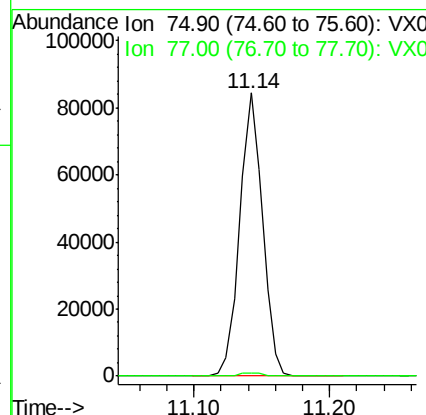
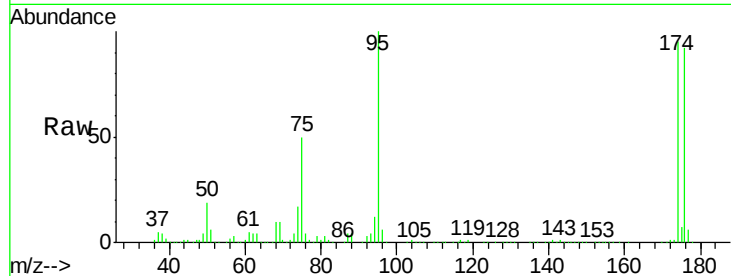




#76
 1,2,3-Trichloropropane
 Concen: 27.19 ug/l
 RT: 11.14 min Scan# 1801
 Delta R.T. -0.16 min
 Lab File: VX001515.D
 Acq: 08 May 2018 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW311S-20180429

Tgt Ion: 75 Resp: 98599
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.54 ug/l
 RT: 11.14 min Scan# 1801
 Delta R.T. 0.06 min
 Lab File: VX001515.D
 Acq: 08 May 2018 15:46

Tgt Ion: 75 Resp: 98599
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

