

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001443.D
 Acq On : 06 May 2018 14:51
 Operator : JC/MD
 Sample : J2659-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I1-20180428

Quant Time: May 07 07:09:17 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	296258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203882	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	239776	56.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.62%	
35) Dibromofluoromethane	5.51	113	181305	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.72	98	636284	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.14	95	224633	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	

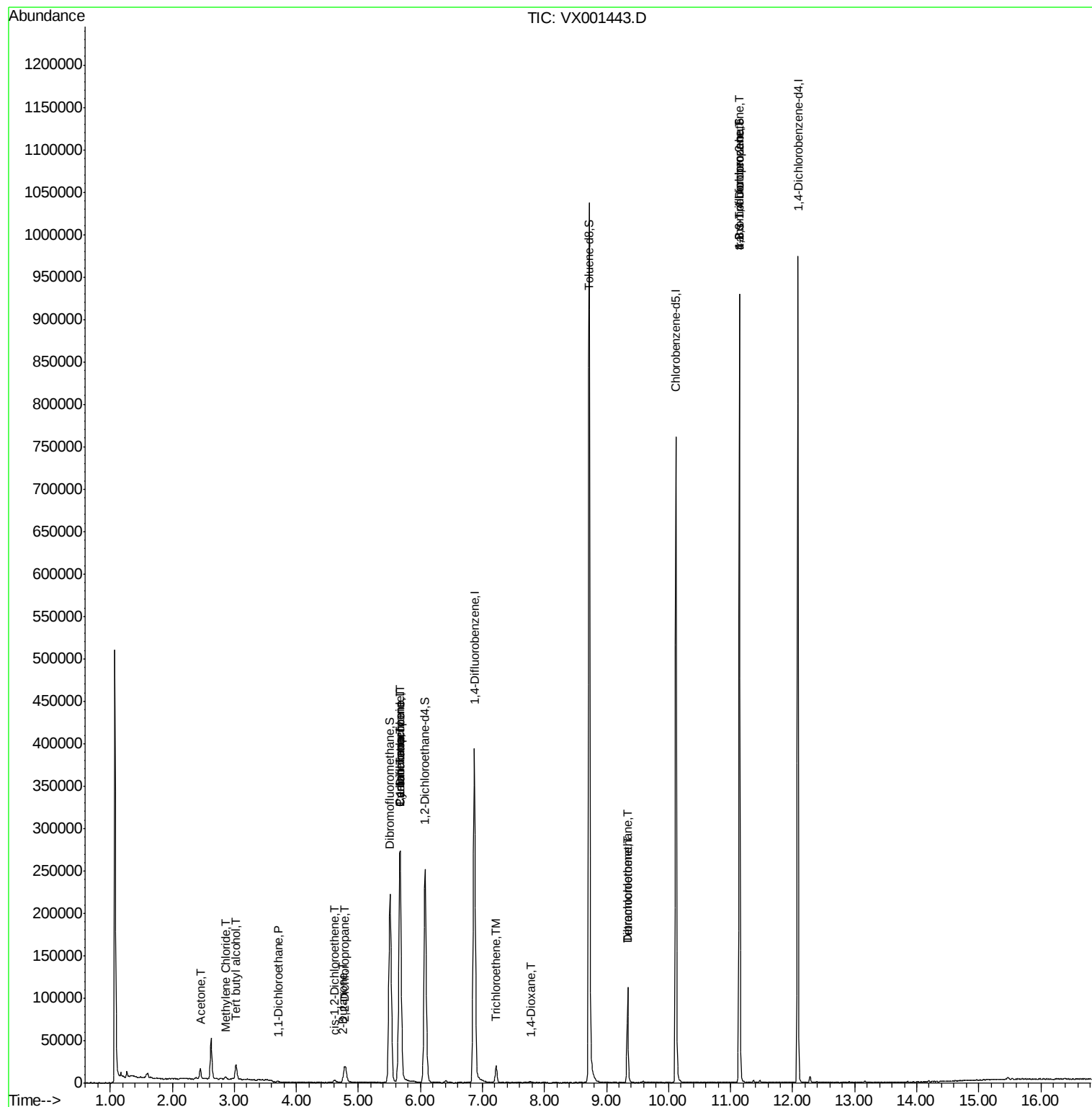
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	510	Below Cal		86
11) Tert butyl alcohol	3.03	59	10327	11.50	ug/l #	78
13) Acrolein	2.30	56	137	Below Cal	#	62
16) Acetone	2.45	43	12826	6.63	ug/l	96
20) Methylene Chloride	2.86	84	1177	0.31	ug/l	98
24) 1,1-Dichloroethane	3.70	63	1297	0.20	ug/l #	89
25) 2-Butanone	4.74	43	738	0.26	ug/l	98
26) 2,2-Dichloropropane	4.78	77	1547	0.31	ug/l #	53
27) cis-1,2-Dichloroethene	4.60	96	909	0.23	ug/l #	1
31) Cyclohexane	5.67	56	5077	0.93	ug/l #	20
36) 1,1-Dichloropropene	5.67	75	17854	3.44	ug/l #	49
38) Carbon Tetrachloride	5.67	117	25327	4.57	ug/l #	16
44) Trichloroethene	7.22	130	8070	1.74	ug/l	99
49) 1,4-Dioxane	7.77	88	639	6.21	ug/l #	68
60) Dibromochloromethane	9.34	129	20191	4.93	ug/l #	11
64) Tetrachloroethene	9.34	164	24652	4.90	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	112162	27.13	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	112162	83.36	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: VX001443.D

Acq: 06 May 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

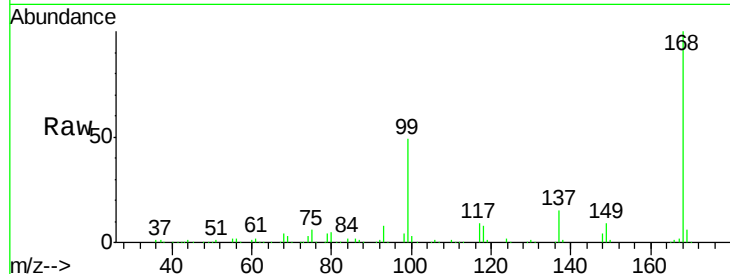
BPS1-TT-MW30311-20180428

Tgt Ion: 168 Resp: 296258

Ion Ratio Lower Upper

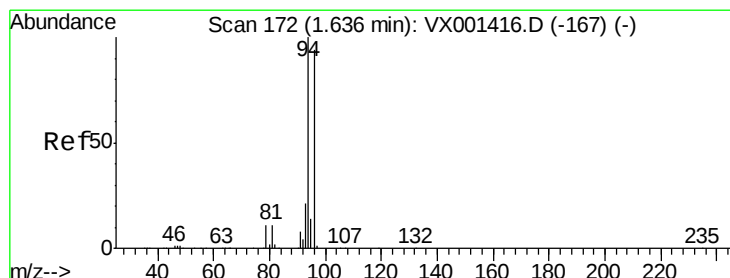
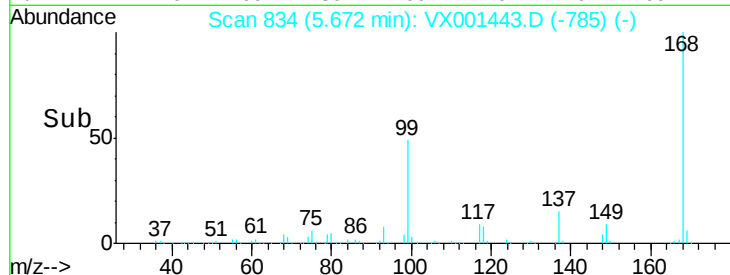
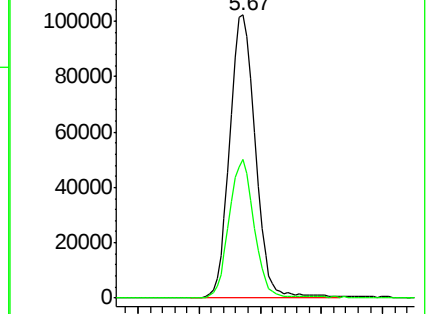
168 100

99 49.0 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# 174

Delta R.T. 0.01 min

Lab File: VX001443.D

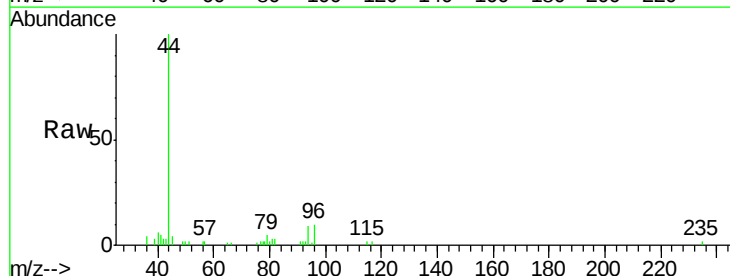
Acq: 06 May 2018 14:51

Tgt Ion: 94 Resp: 510

Ion Ratio Lower Upper

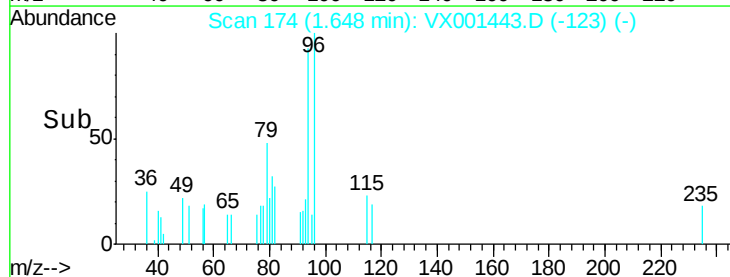
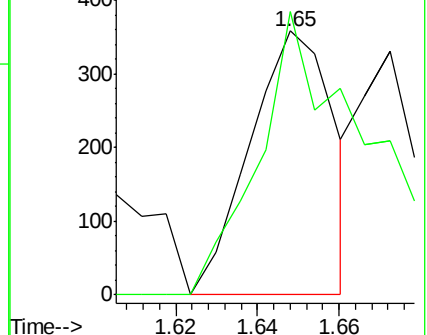
94 100

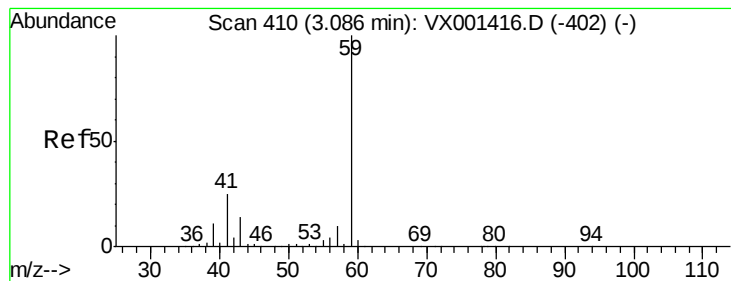
96 107.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



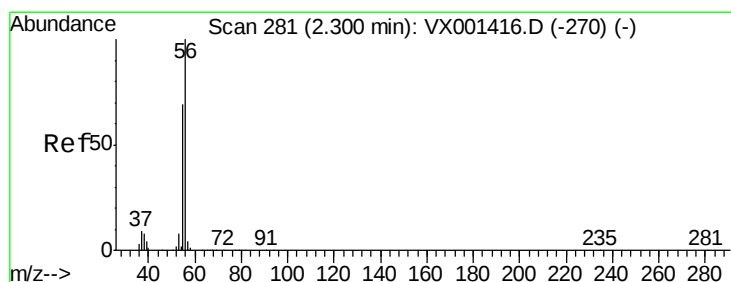
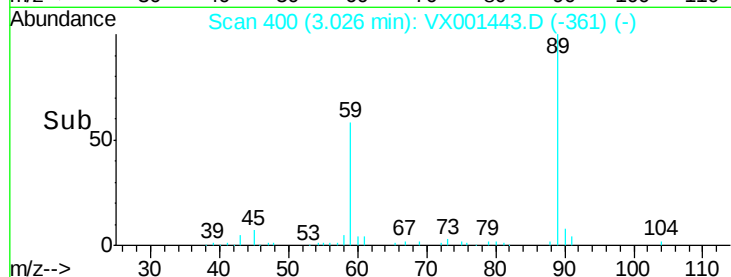
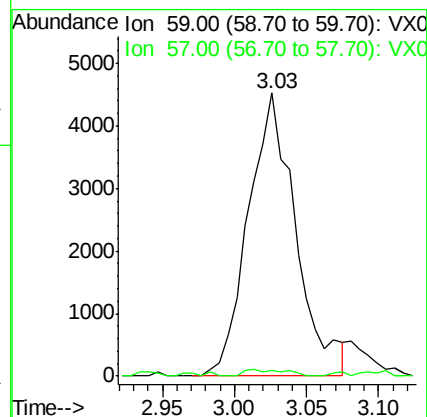
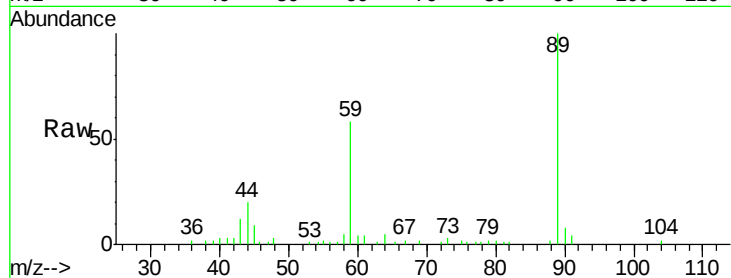


#11

Tert butyl alcohol
 Concen: 11.50 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001443.D
 Acq: 06 May 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20180428

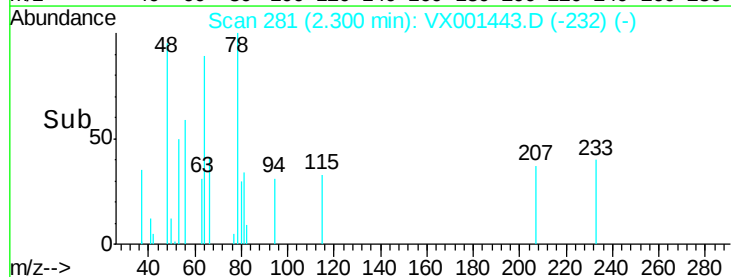
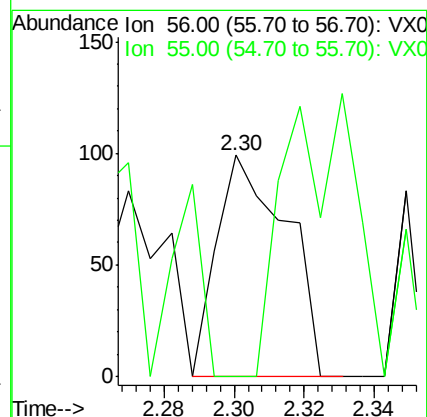
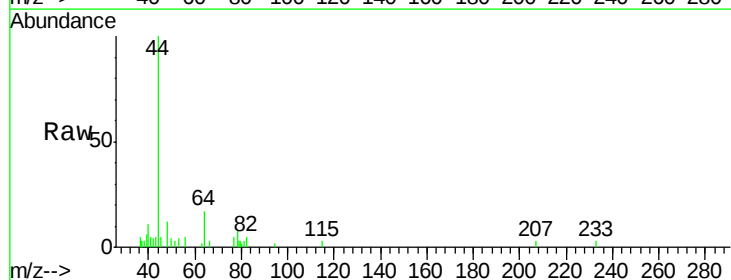
Tgt Ion: 59 Resp: 10327
 Ion Ratio Lower Upper
 59 100
 57 2.0 8.2 12.4#

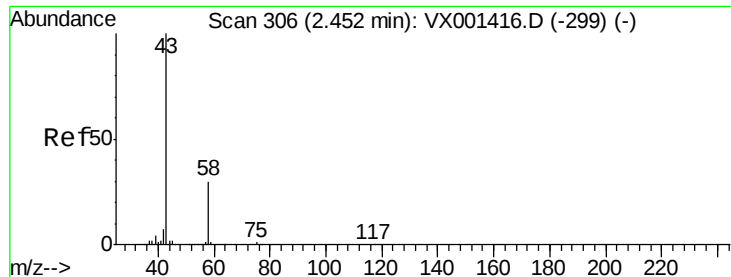


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001443.D
 Acq: 06 May 2018 14:51

Tgt Ion: 56 Resp: 137
 Ion Ratio Lower Upper
 56 100
 55 37.2 54.5 81.7#





#16

Acetone

Concen: 6.63 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

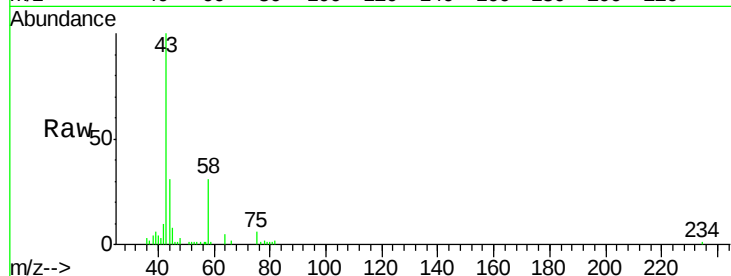
BPS1-TT-MW30311-20180428

Tgt Ion: 43 Resp: 12826

Ion Ratio Lower Upper

43 100

58 31.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

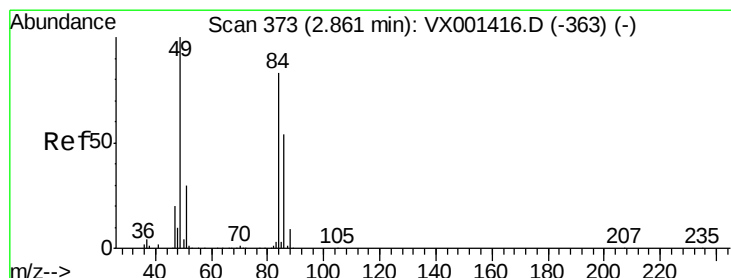
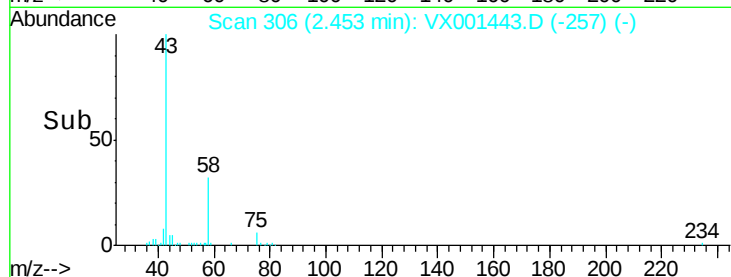
6000

4000

2000

0

Time-->



#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

Tgt Ion: 84 Resp: 1177

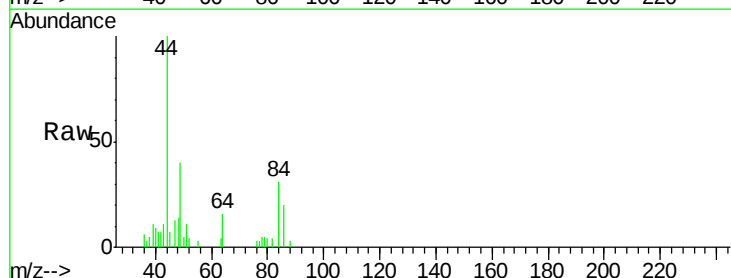
Ion Ratio Lower Upper

84 100

49 118.1 96.6 144.8

51 36.3 29.0 43.4

86 63.1 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

1200

1000

800

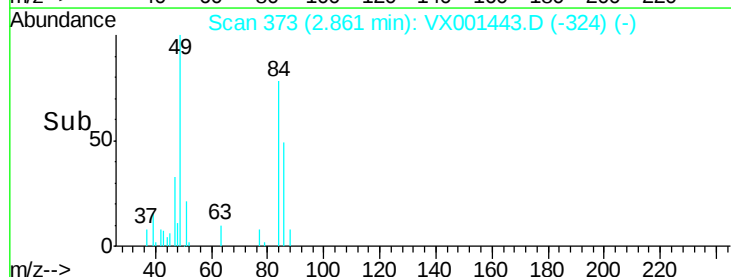
600

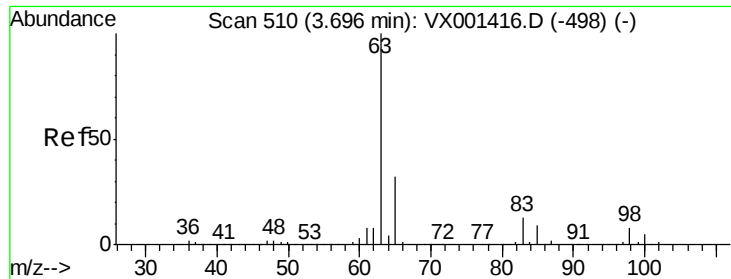
400

200

0

Time-->

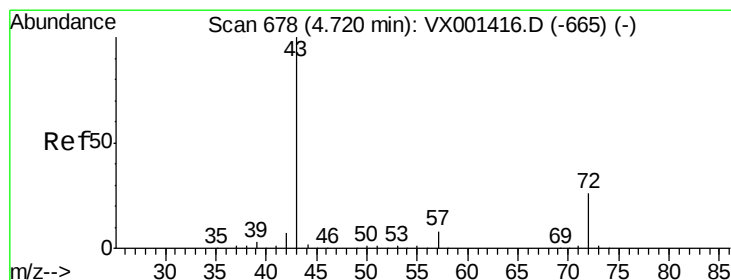
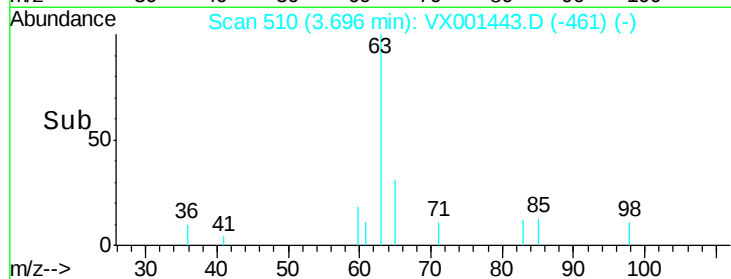
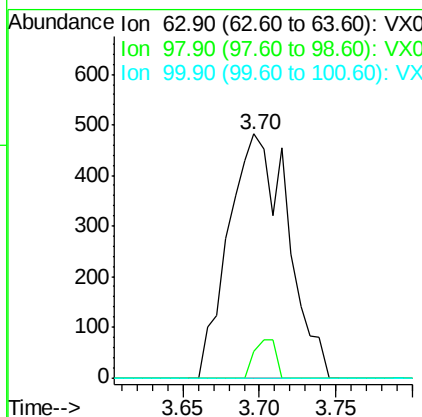
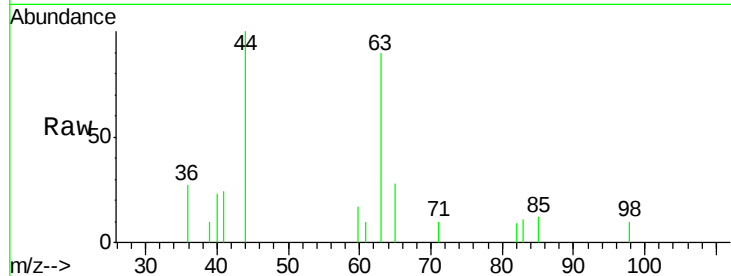




#24
 1,1-Dichloroethane
 Concen: 0.20 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001443.D
 Acq: 06 May 2018 14:51

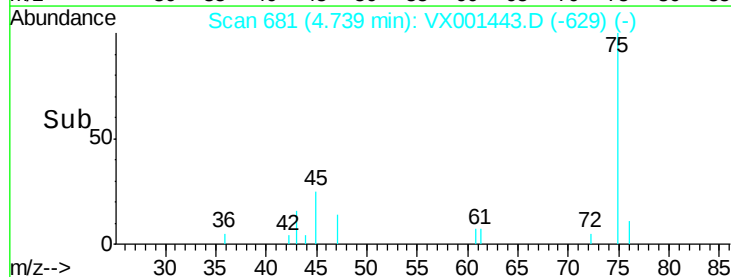
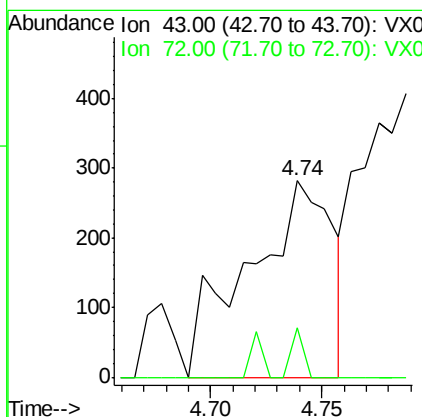
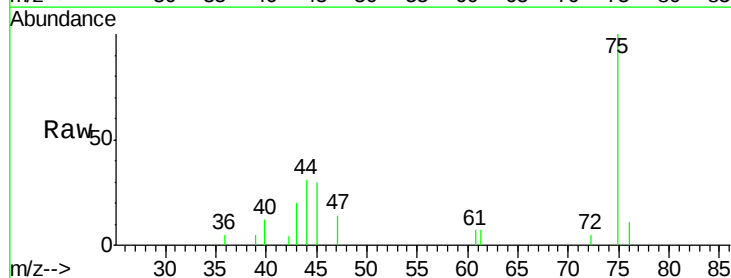
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20180428

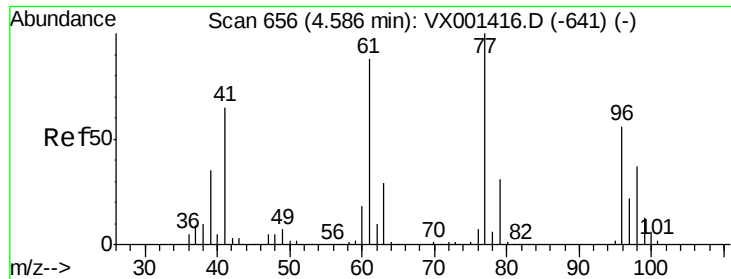
Tgt Ion:	63	Resp:	1297
Ion	Ratio	Lower	Upper
63	100		
98	11.0	3.8	11.4
100	0.0	2.4	7.1#



#25
 2-Butanone
 Concen: 0.26 ug/l
 RT: 4.74 min Scan# 681
 Delta R.T. 0.02 min
 Lab File: VX001443.D
 Acq: 06 May 2018 14:51

Tgt Ion:	43	Resp:	738
Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.7	31.1





#26

2,2-Dichloropropane

Concen: 0.31 ug/l

RT: 4.78 min Scan# 687

Delta R.T. 0.19 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

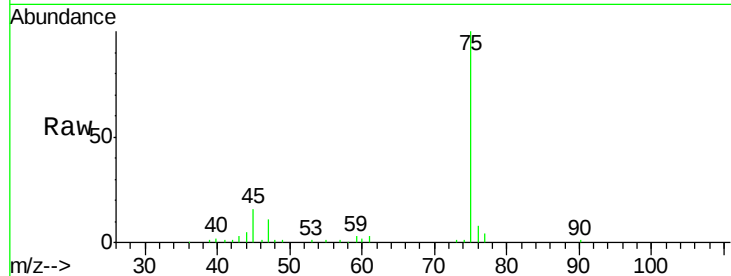
BPS1-TT-MW30311-20180428

Tgt Ion: 77 Resp: 1547

Ion Ratio Lower Upper

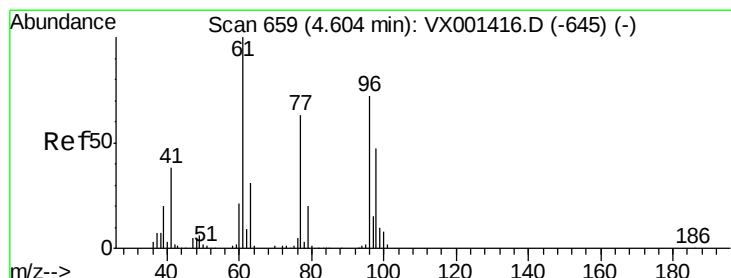
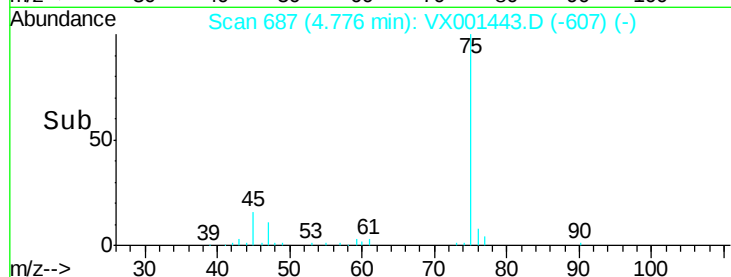
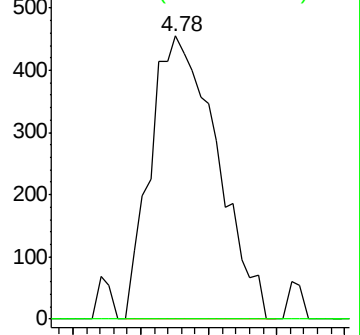
77 100

97 0.0 11.2 33.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.23 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

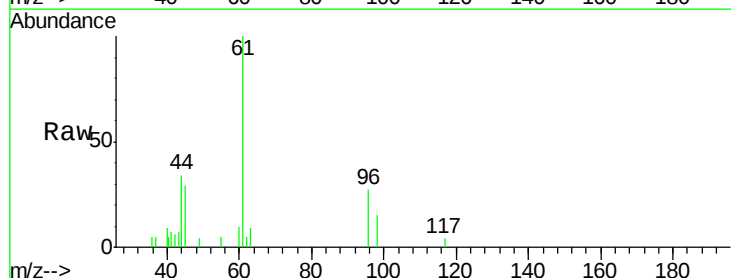
Tgt Ion: 96 Resp: 909

Ion Ratio Lower Upper

96 100

61 612.5 0.0 301.6#

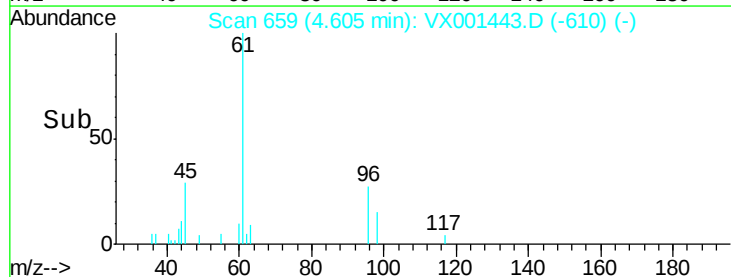
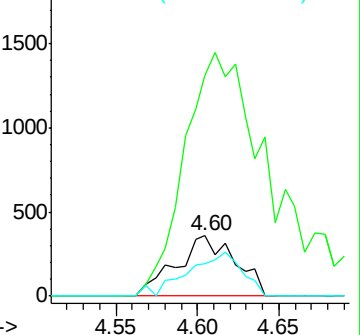
98 66.6 0.0 131.6

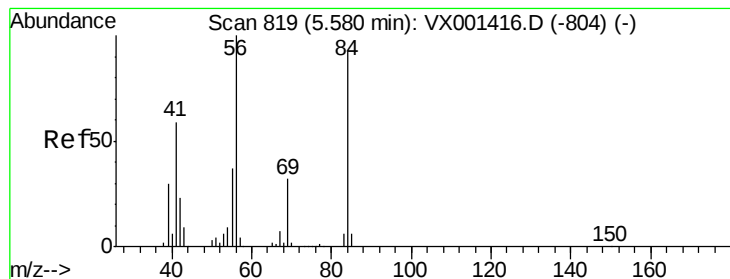


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

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MSVOA_X

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BPS1-TT-MW303I1-20180428

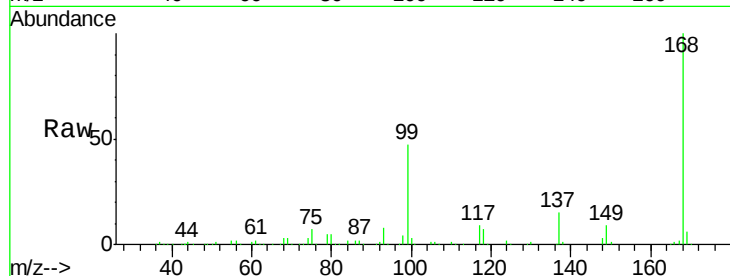
Tgt Ion: 56 Resp: 5077

Ion Ratio Lower Upper

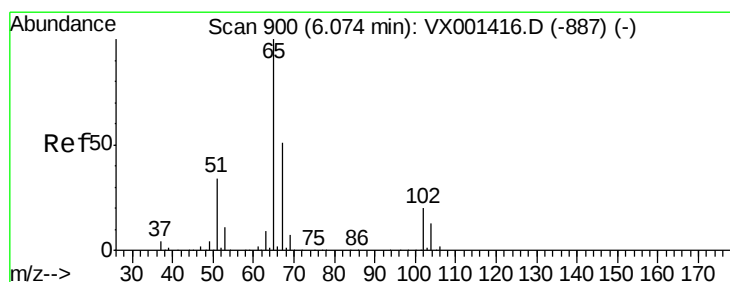
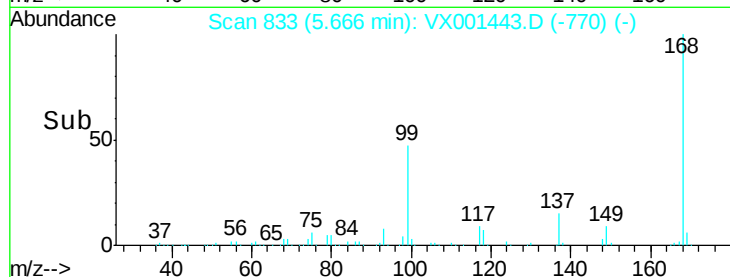
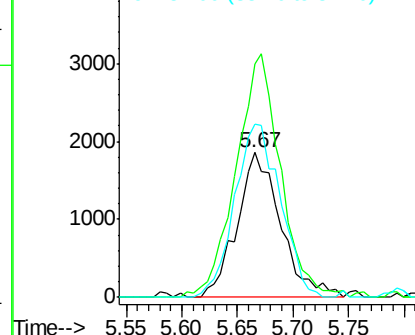
56 100

69 158.0 25.4 38.0#

84 120.0 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: 56.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001443.D

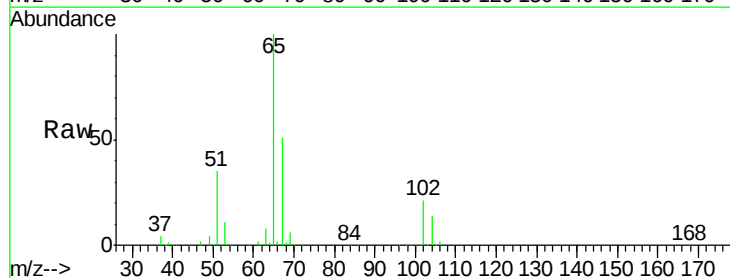
Acq: 06 May 2018 14:51

Tgt Ion: 65 Resp: 239776

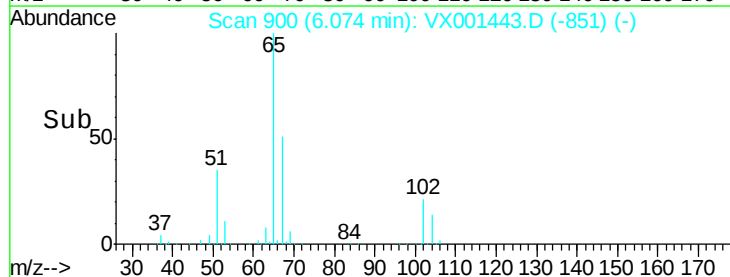
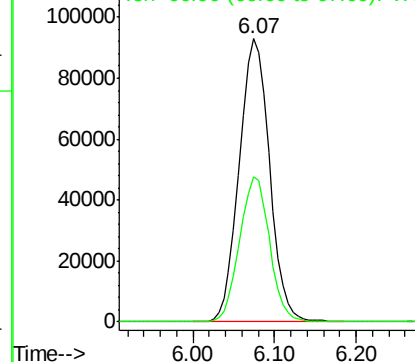
Ion Ratio Lower Upper

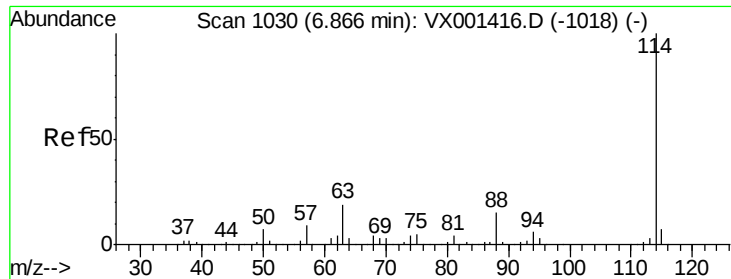
65 100

67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

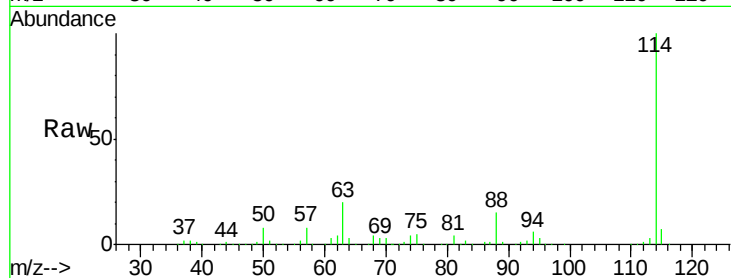




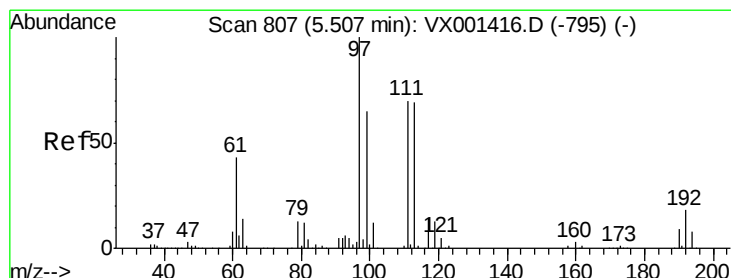
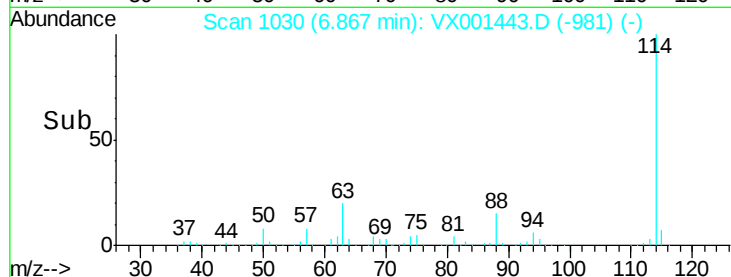
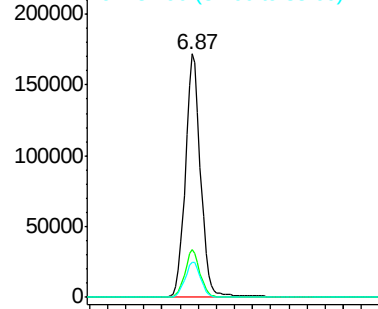
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001443.D
Acq: 06 May 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20180428

Tgt Ion:114 Resp: 408373
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 14.6 0.0 30.8

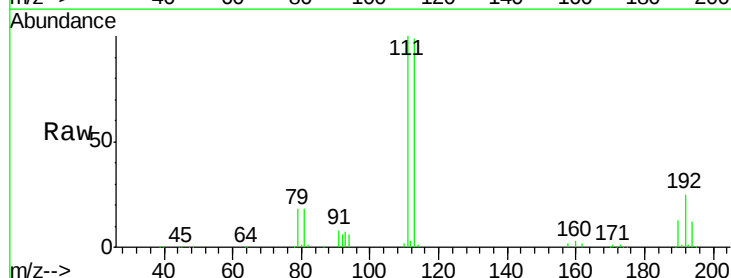


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

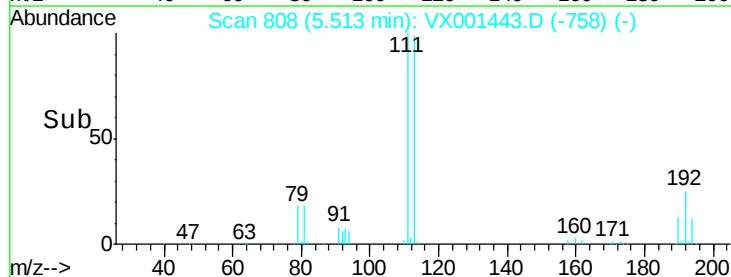
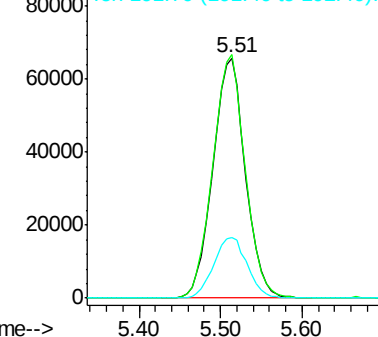


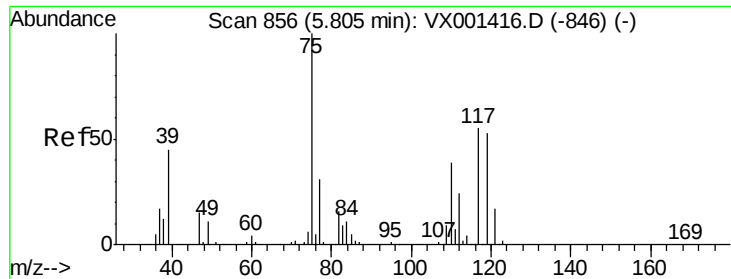
#35
Dibromofluoromethane
Concen: 49.91 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001443.D
Acq: 06 May 2018 14:51

Tgt Ion:113 Resp: 181305
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 26.2 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

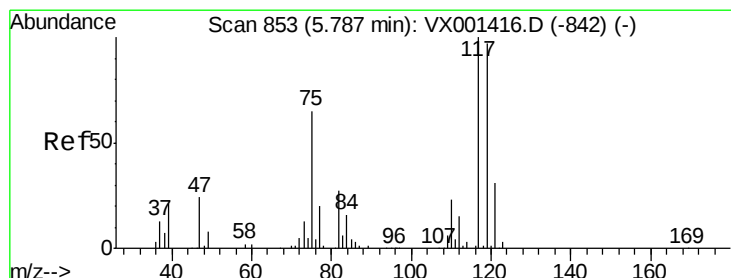
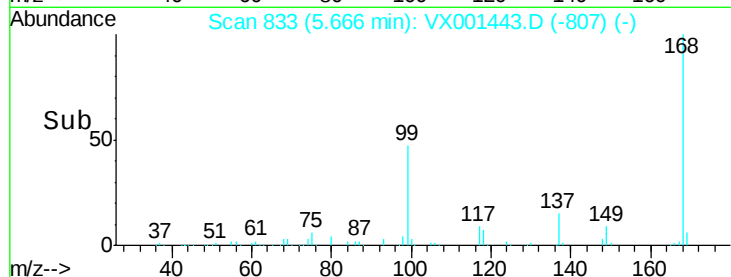
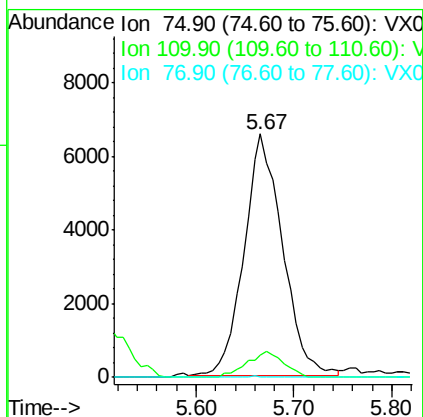
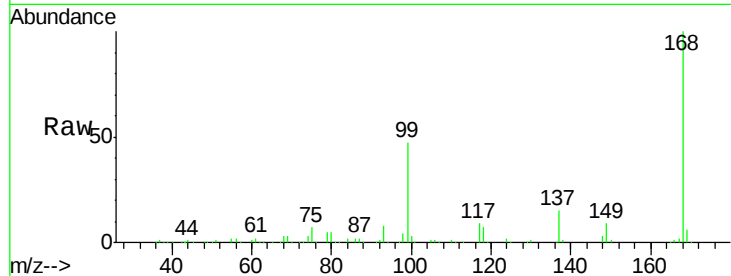




#36
 1,1-Dichloropropene
 Concen: 3.44 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001443.D
 Acq: 06 May 2018 14:51

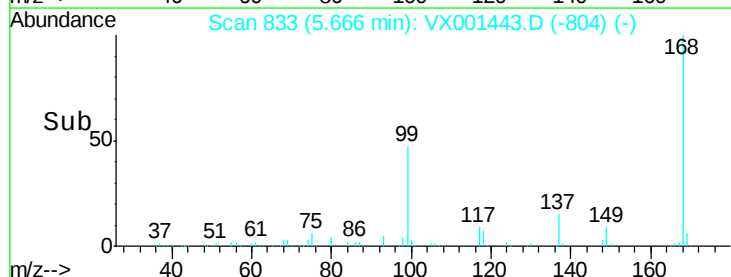
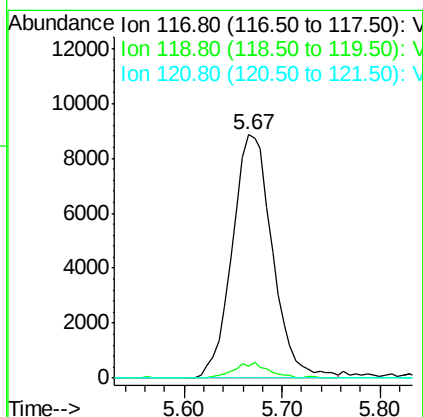
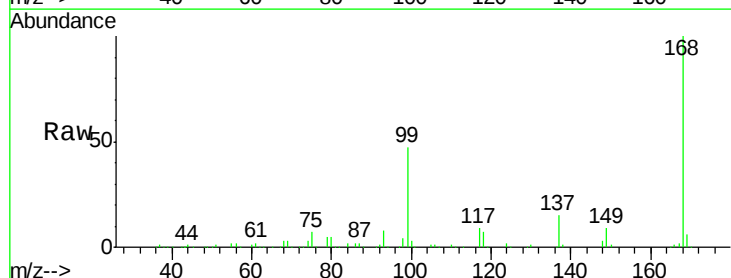
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20180428

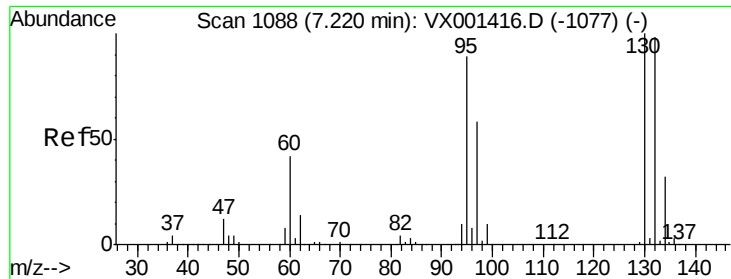
Tgt Ion: 75 Resp: 17854
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.7#
 77 0.1 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.57 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001443.D
 Acq: 06 May 2018 14:51

Tgt Ion: 117 Resp: 25327
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.0 115.6#
 121 0.0 25.1 37.7#





#44

Trichloroethene

Concen: 1.74 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

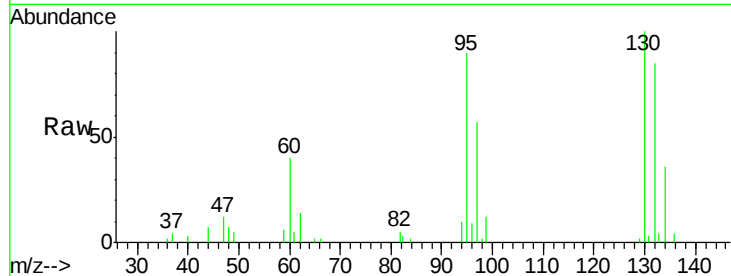
BPS1-TT-MW30311-20180428

Tgt Ion:130 Resp: 8070

Ion Ratio Lower Upper

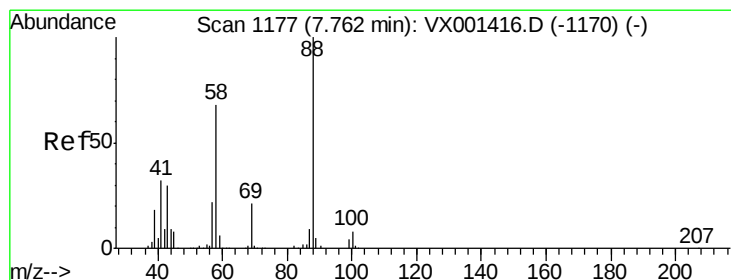
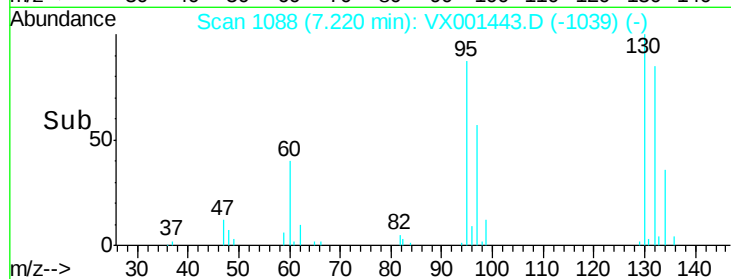
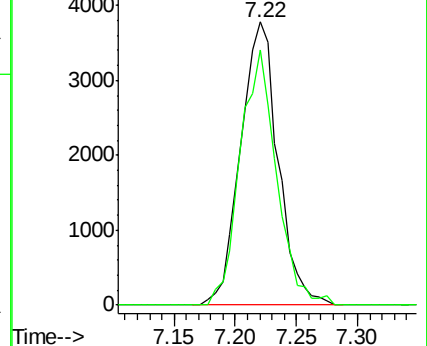
130 100

95 90.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 6.21 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

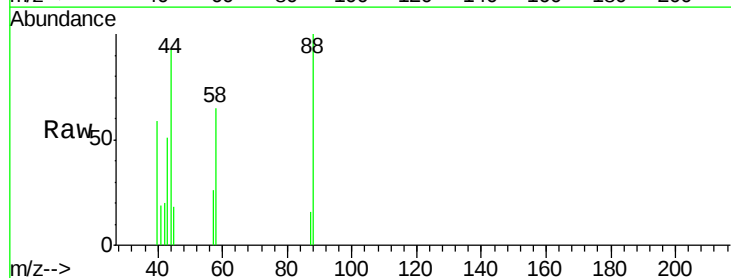
Tgt Ion: 88 Resp: 639

Ion Ratio Lower Upper

88 100

43 62.6 26.4 39.6#

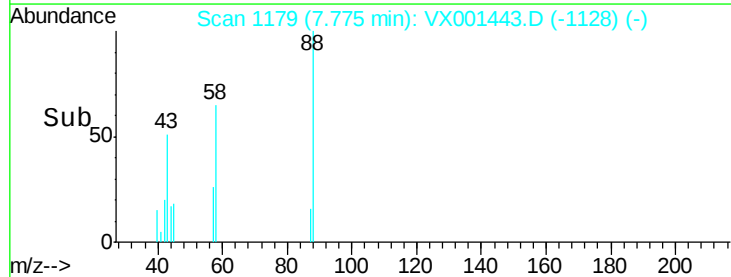
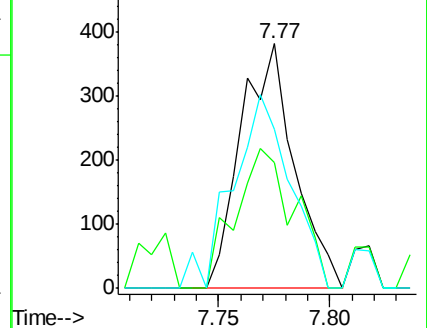
58 85.6 54.1 81.1#

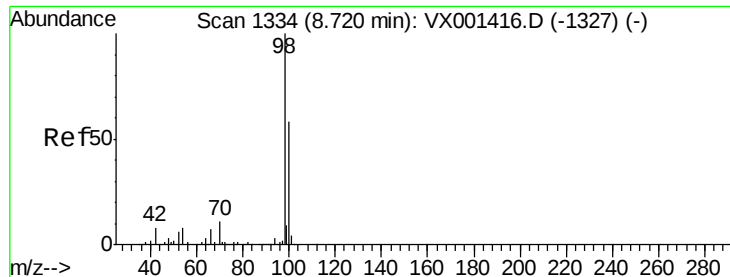


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

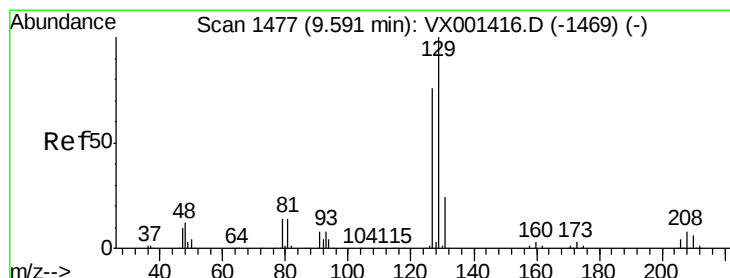
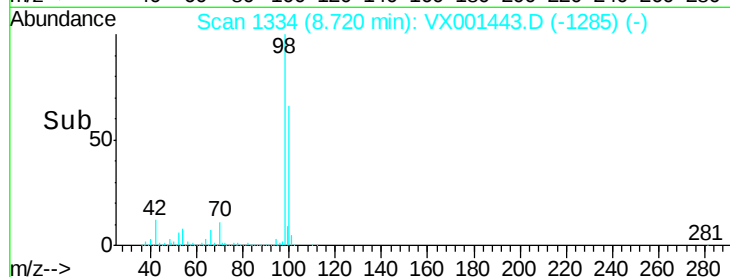
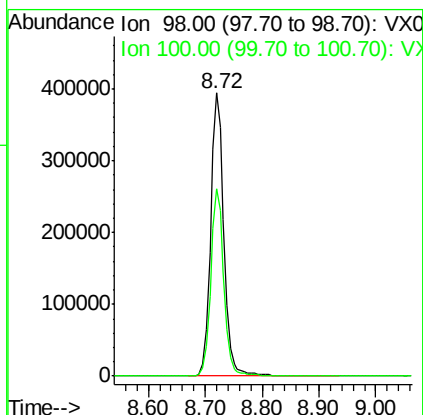
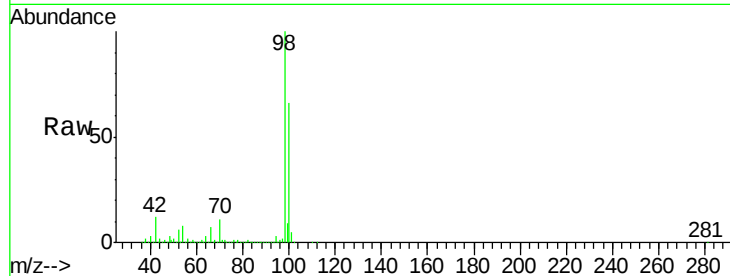




#50
Toluene-d8
Concen: 47.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001443.D
Acq: 06 May 2018 14:51

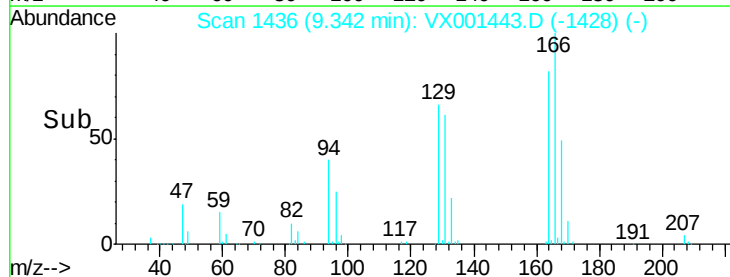
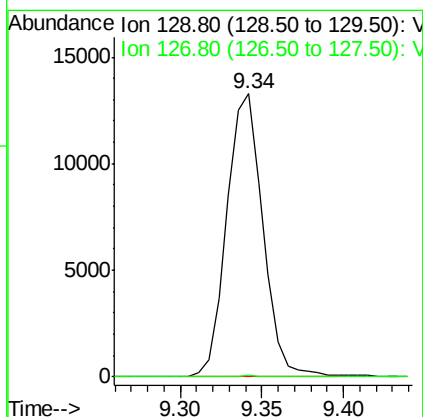
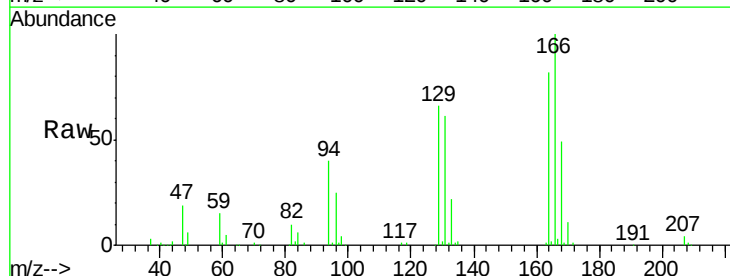
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20180428

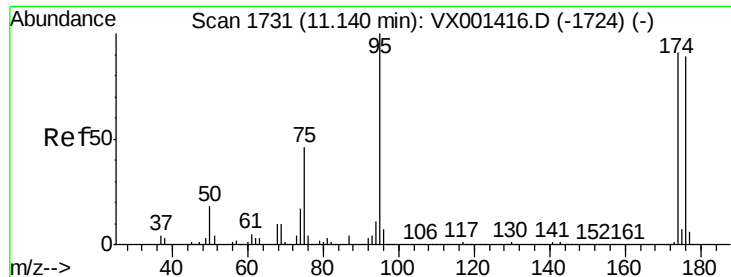
Tgt Ion: 98 Resp: 636284
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#60
Dibromochloromethane
Concen: 4.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001443.D
Acq: 06 May 2018 14:51

Tgt Ion: 129 Resp: 20191
Ion Ratio Lower Upper
129 100
127 0.1 38.1 114.5#

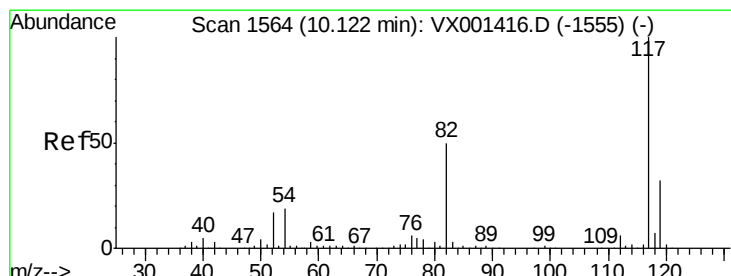
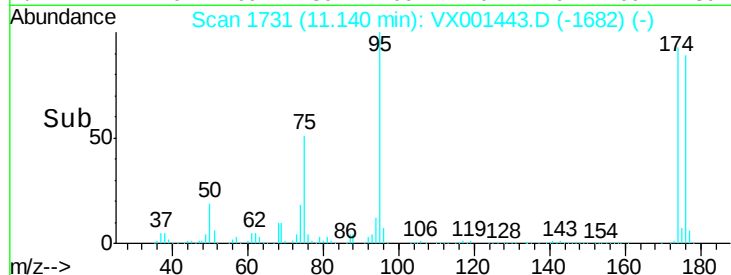
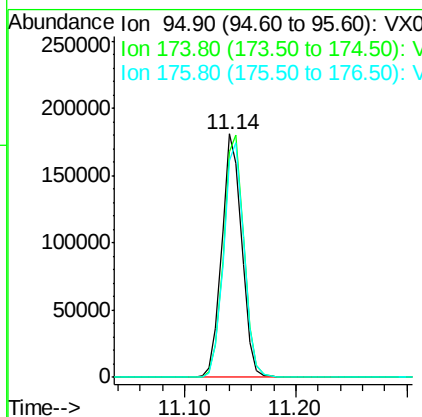
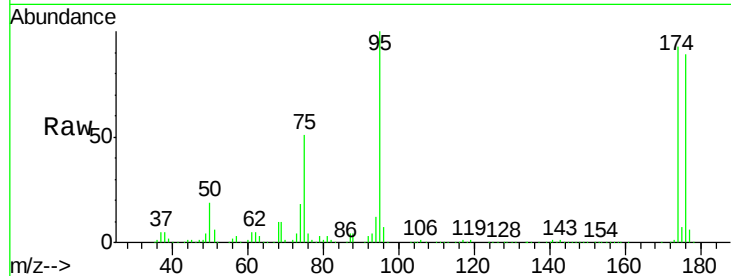




#62
4-Bromofluorobenzene
Concen: 44.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001443.D
Acq: 06 May 2018 14:51

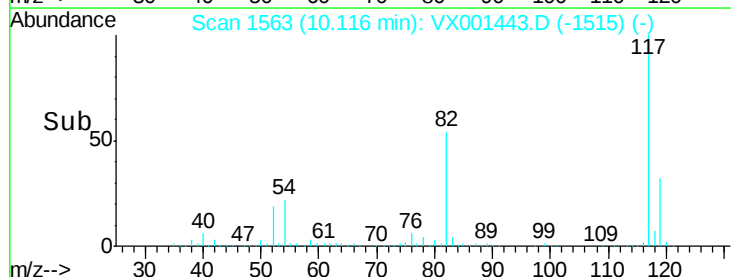
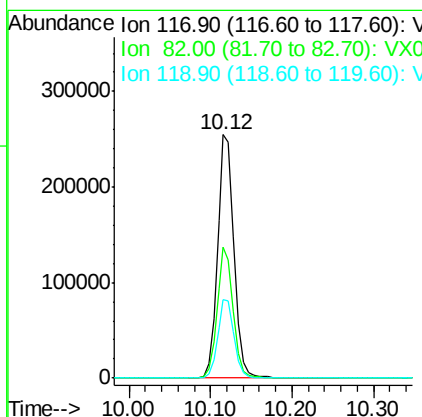
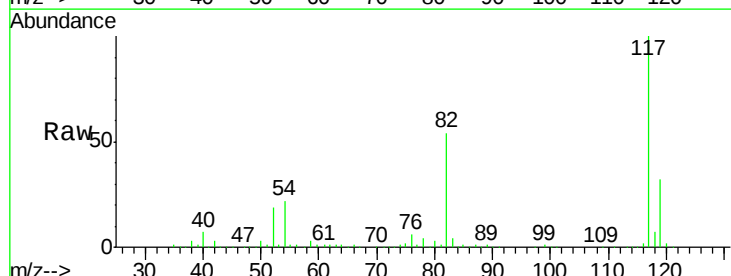
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20180428

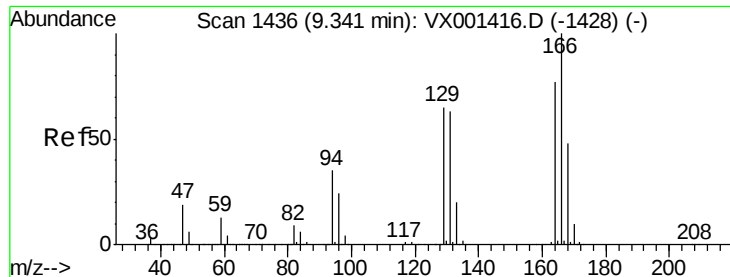
Tgt Ion: 95 Resp: 224633
Ion Ratio Lower Upper
95 100
174 100.9 0.0 202.0
176 98.0 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001443.D
Acq: 06 May 2018 14:51

Tgt Ion: 117 Resp: 361147
Ion Ratio Lower Upper
117 100
82 53.9 40.0 60.0
119 32.5 25.8 38.8





#64

Tetrachloroethene

Concen: 4.90 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20180428

Tgt Ion:164 Resp: 24652

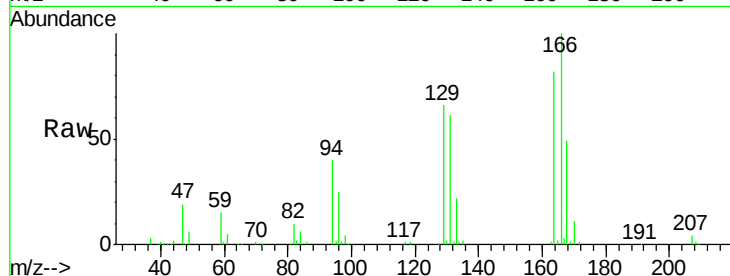
Ion Ratio Lower Upper

164 100

166 122.2 103.5 155.3

129 80.5 66.7 100.1

131 74.9 64.9 97.3

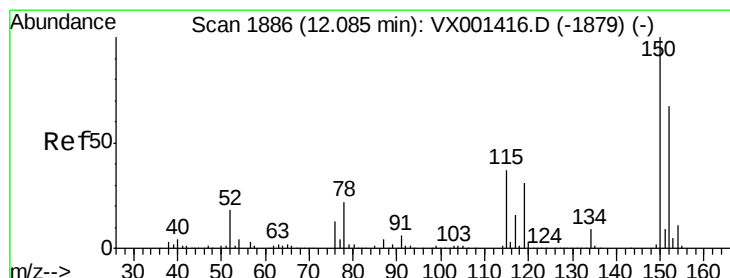
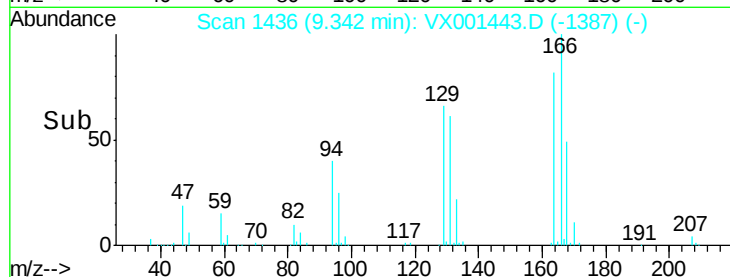
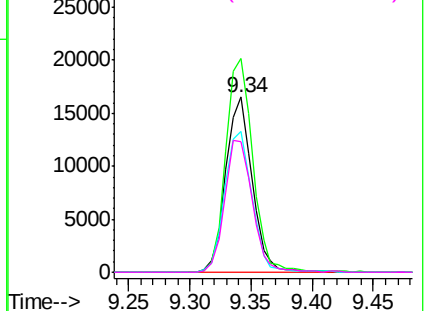


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX001443.D

Acq: 06 May 2018 14:51

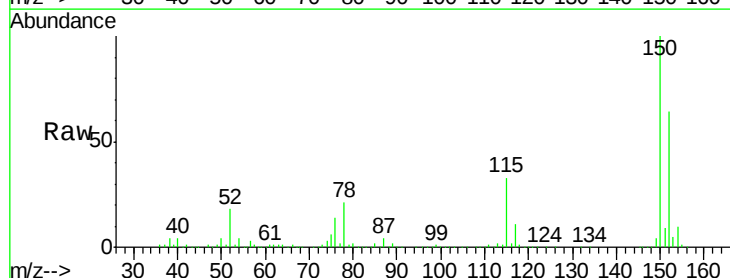
Tgt Ion:152 Resp: 203882

Ion Ratio Lower Upper

152 100

115 53.0 37.7 113.1

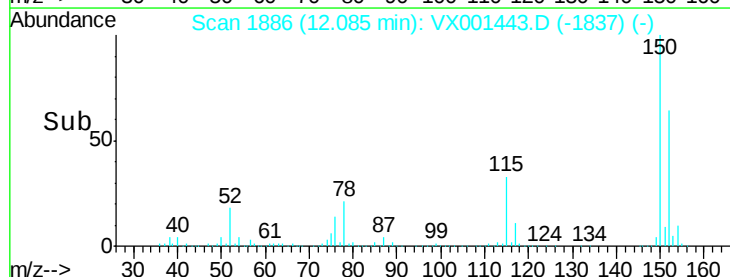
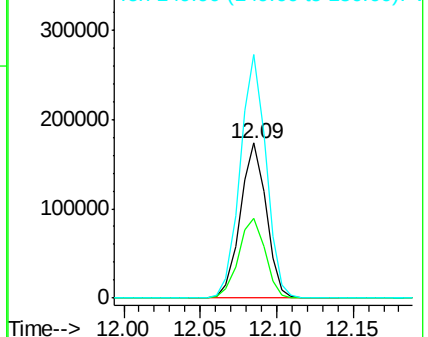
150 156.7 0.0 349.4

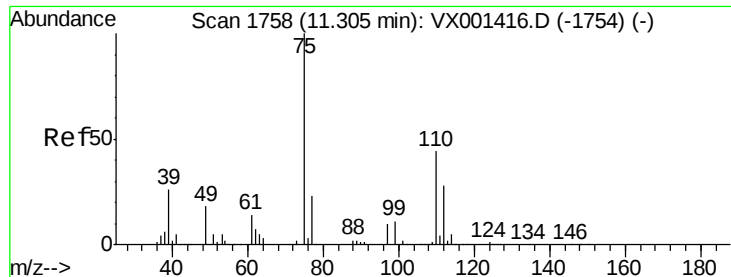


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

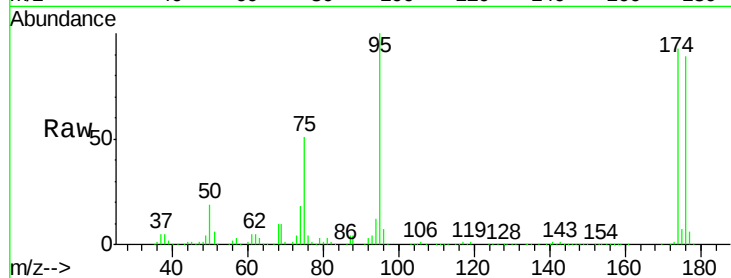
BPS1-TT-MW30311-20180428

Tgt Ion: 75 Resp: 112162

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

11.14

100000

80000

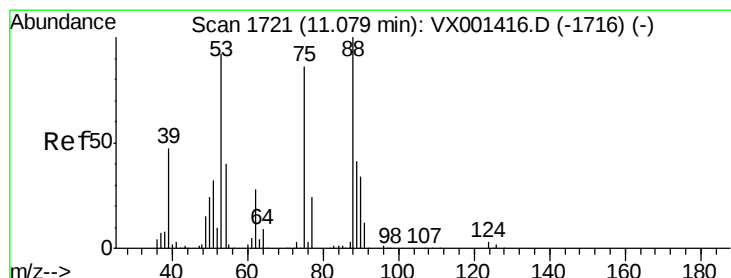
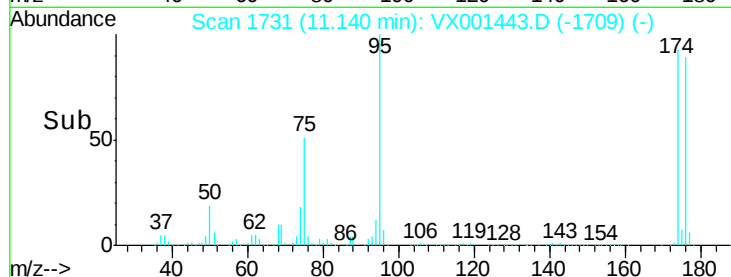
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 83.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001443.D

Acq: 06 May 2018 14:51

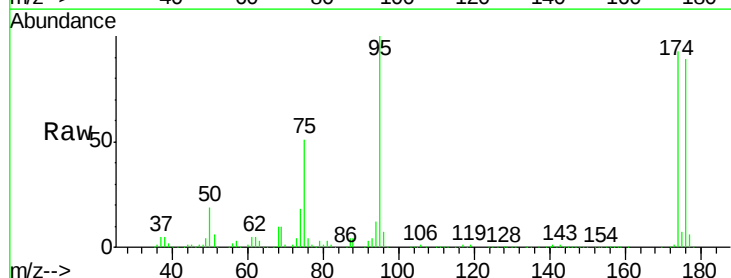
Tgt Ion: 75 Resp: 112162

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

120000

100000

80000

60000

40000

20000

0

Time-->

