

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001467.D
 Acq On : 07 May 2018 15:46
 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 08 06:06:50 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	259747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220192	58.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.96%	
35) Dibromofluoromethane	5.51	113	169949	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.72	98	614748	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	11.14	95	203598	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

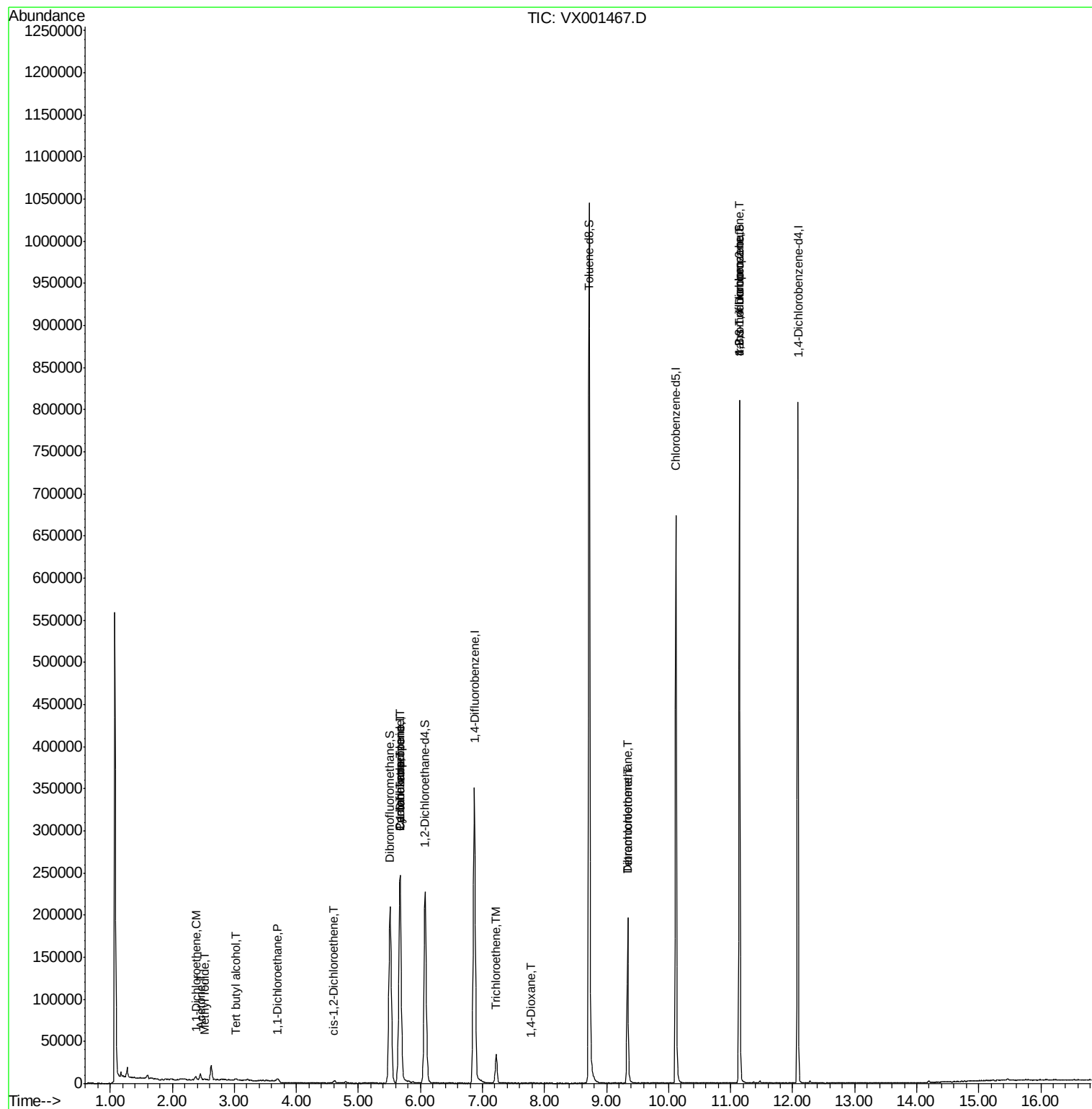
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	961	Below Cal		90
10) Methyl Iodide	2.53	142	1066	0.24 ug/l		94
11) Tert butyl alcohol	3.03	59	900	1.14 ug/l #		85
12) 1,1-Dichloroethene	2.37	96	1078	0.38 ug/l		87
13) Acrolein	2.31	56	265	Below Cal		88
16) Acetone	2.45	43	6238	3.68 ug/l		100
24) 1,1-Dichloroethane	3.70	63	2093	0.37 ug/l #		93
27) cis-1,2-Dichloroethene	4.60	96	1518	0.44 ug/l		33
31) Cyclohexane	5.67	56	4643	0.97 ug/l #		23
36) 1,1-Dichloropropene	5.67	75	16495	3.58 ug/l #		50
38) Carbon Tetrachloride	5.67	117	22037	4.49 ug/l #		17
44) Trichloroethene	7.22	130	13503	3.28 ug/l		99
49) 1,4-Dioxane	7.78	88	674	7.39 ug/l #		72
60) Dibromochloromethane	9.34	129	36377	10.02 ug/l #		11
64) Tetrachloroethene	9.34	164	42772	9.68 ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	101564	28.90 ug/l #		38
81) trans-1,4-Dichloro-2-buten	11.14	75	101564	88.54 ug/l #		7

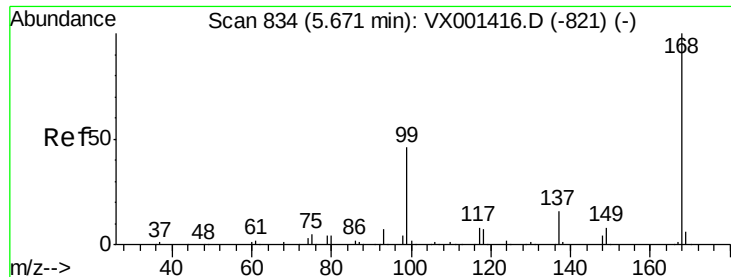
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
Data File : VX001467.D
Acq On : 07 May 2018 15:46
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 08 06:06:50 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: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

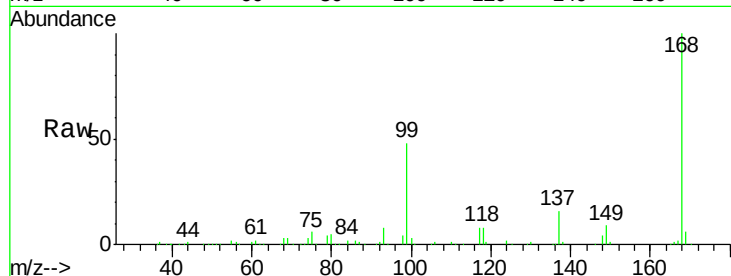
BPS1-TT-MW30311-20180428

Tgt Ion:168 Resp: 259747

Ion Ratio Lower Upper

168 100

99 48.5 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

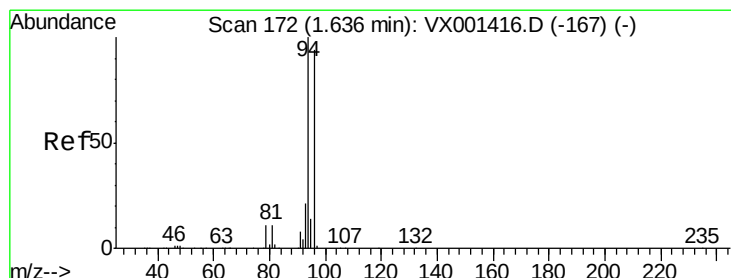
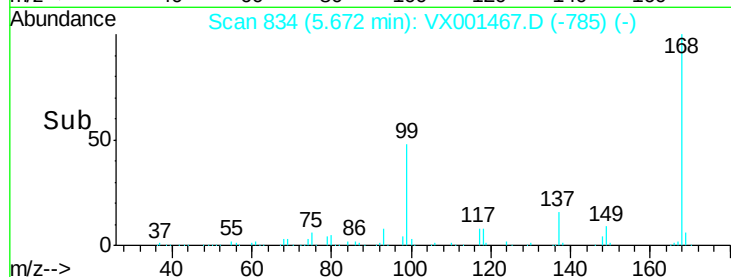
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001467.D

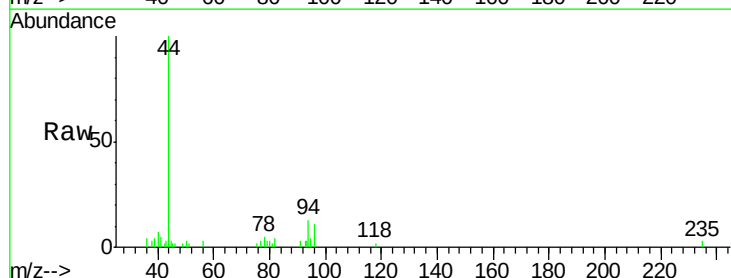
Acq: 07 May 2018 15:46

Tgt Ion: 94 Resp: 961

Ion Ratio Lower Upper

94 100

96 83.8 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

500

400

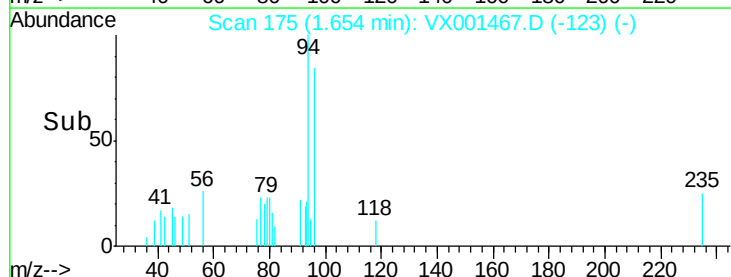
300

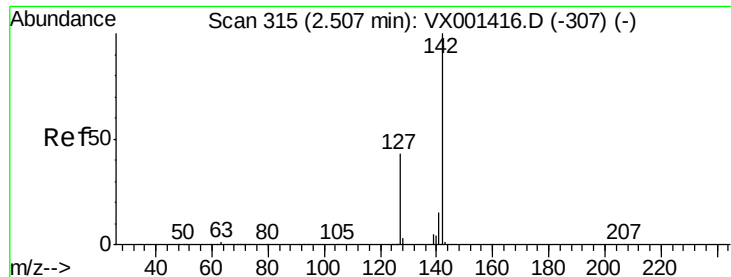
200

100

0

Time--> 1.60 1.65 1.70

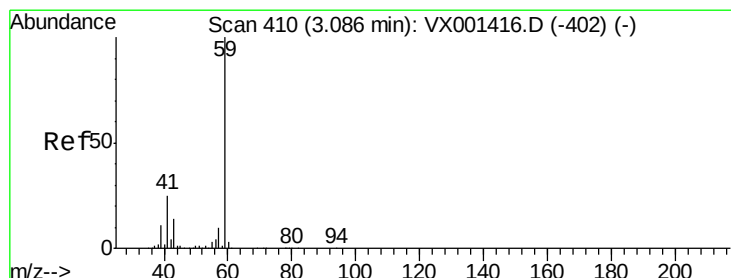
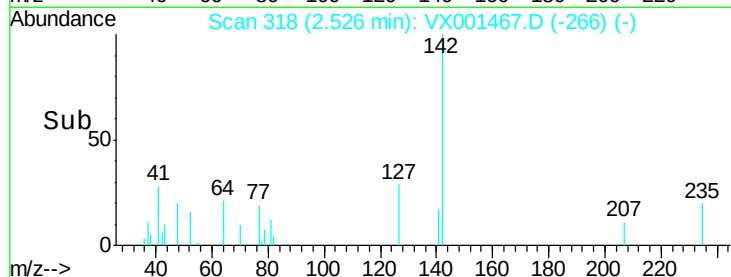
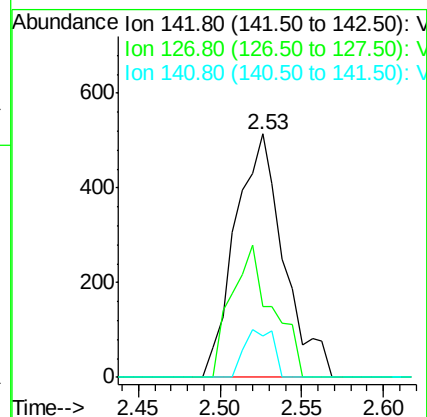
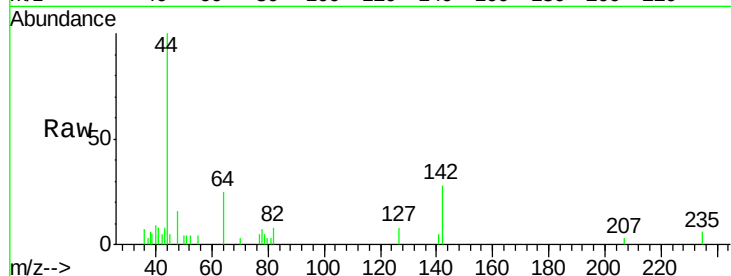




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001467.D
Acq: 07 May 2018 15:46

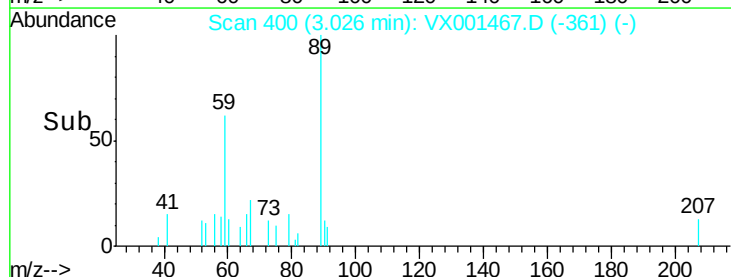
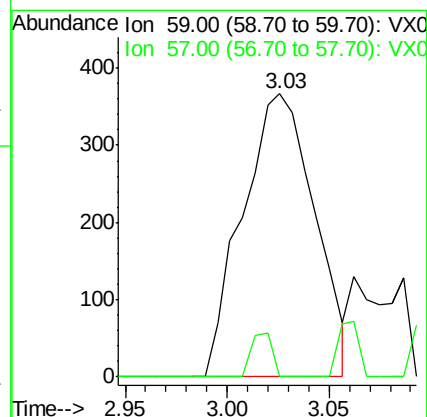
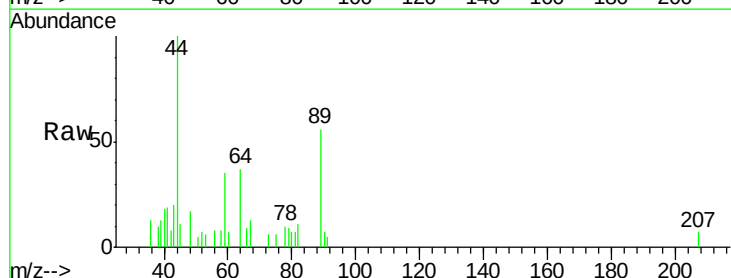
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20180428

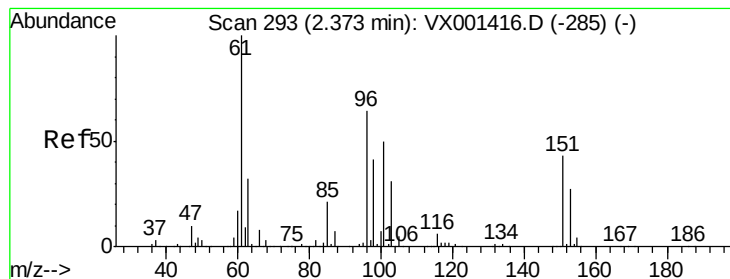
Tgt Ion: 142 Resp: 1066
Ion Ratio Lower Upper
142 100
127 46.1 33.6 50.4
141 11.8 11.4 17.2



#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001467.D
Acq: 07 May 2018 15:46

Tgt Ion: 59 Resp: 900
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 0.38 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20180428

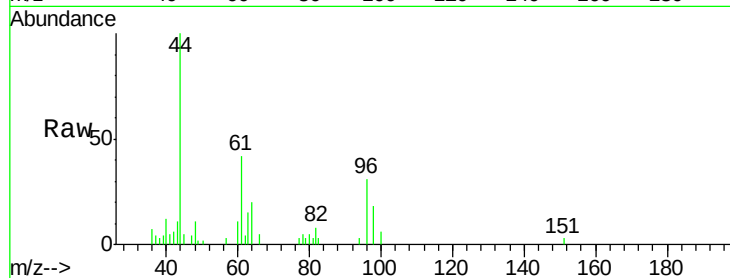
Tgt Ion: 96 Resp: 1078

Ion Ratio Lower Upper

96 100

61 136.9 125.7 188.5

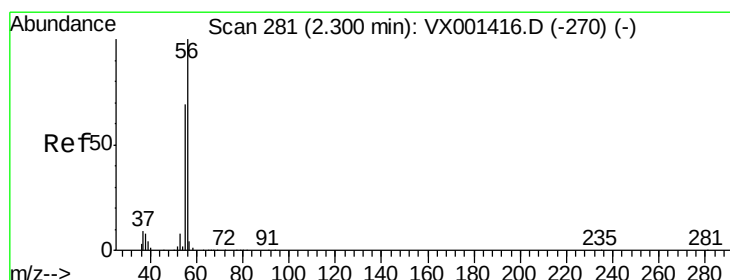
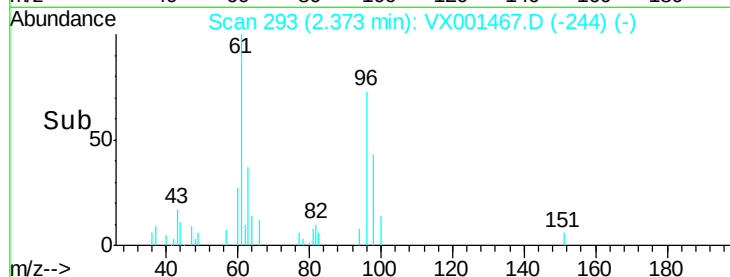
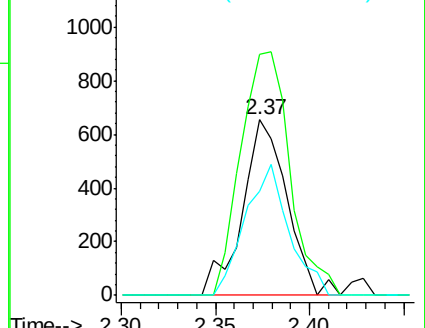
98 59.4 52.0 78.0



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



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001467.D

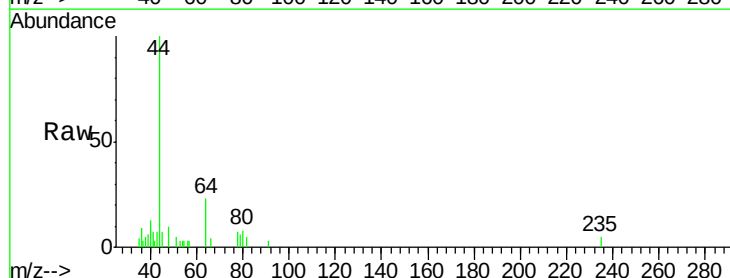
Acq: 07 May 2018 15:46

Tgt Ion: 56 Resp: 265

Ion Ratio Lower Upper

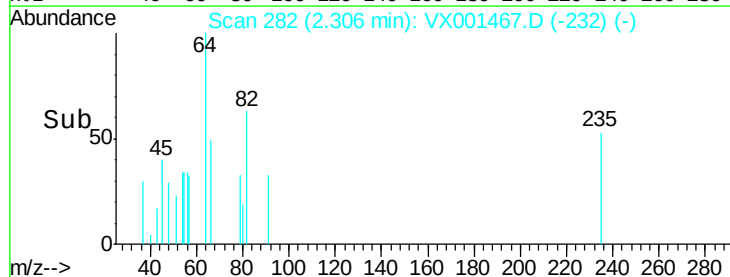
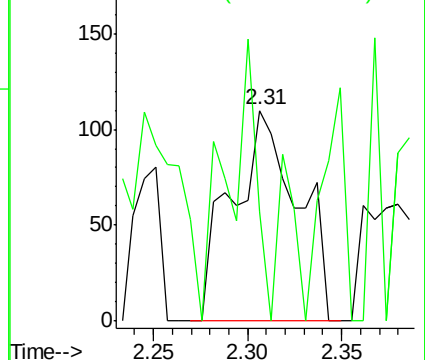
56 100

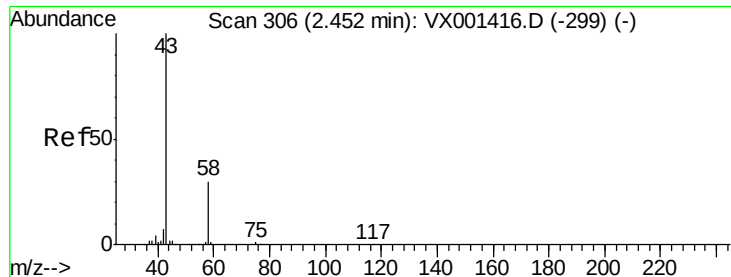
55 58.5 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 3.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

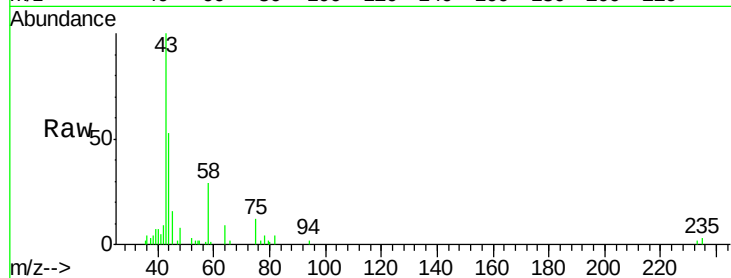
BPS1-TT-MW30311-20180428

Tgt Ion: 43 Resp: 6238

Ion Ratio Lower Upper

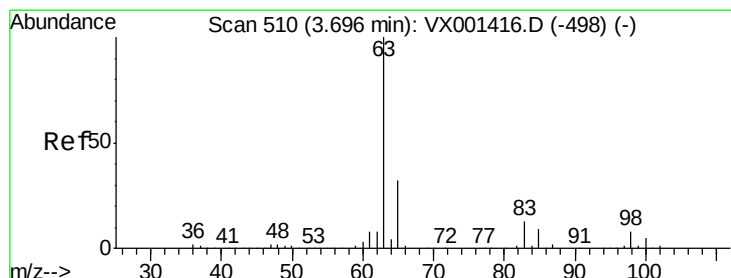
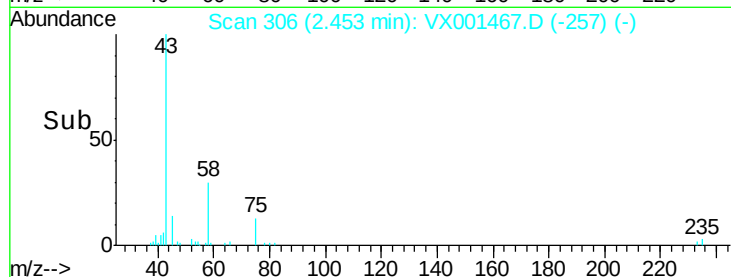
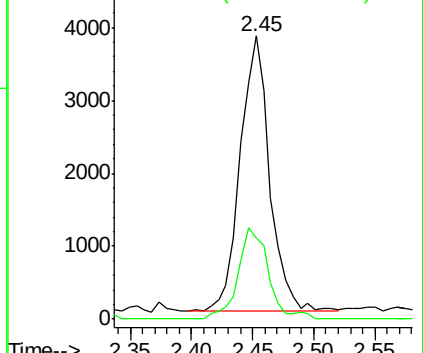
43 100

58 29.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 0.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

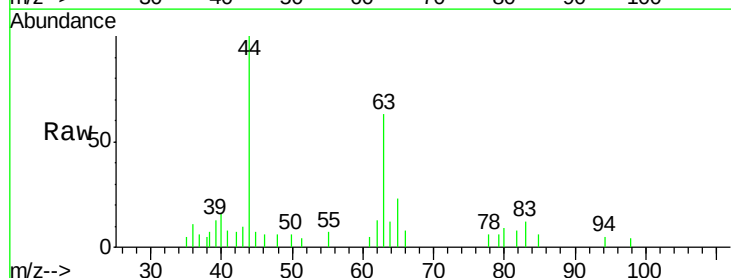
Tgt Ion: 63 Resp: 2093

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

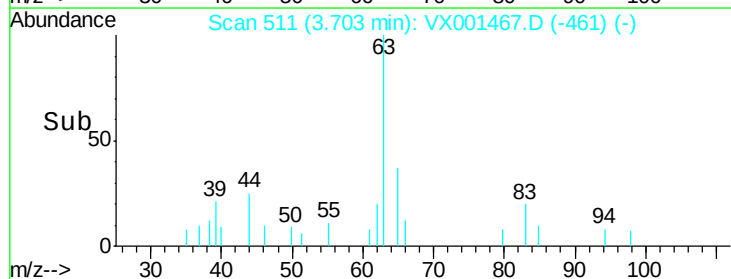
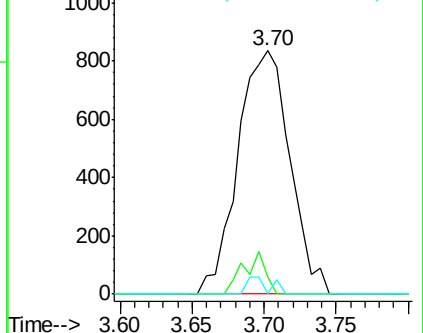
100 0.0 2.4 7.1#

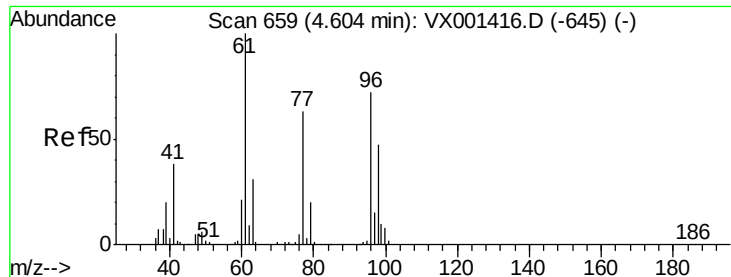


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 0.44 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20180428

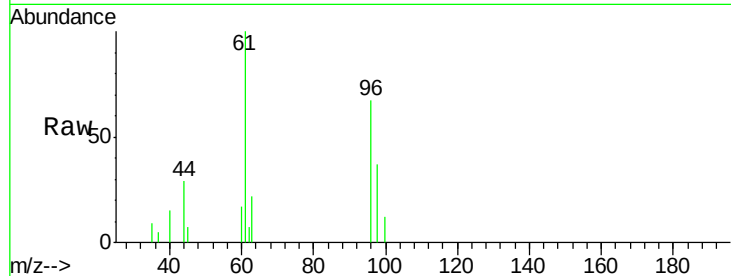
Tgt Ion: 96 Resp: 1518

Ion Ratio Lower Upper

96 100

61 270.6 0.0 301.6

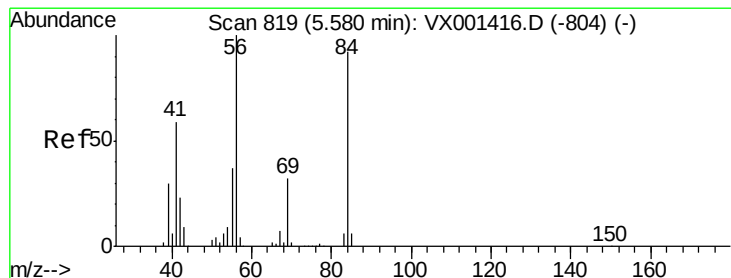
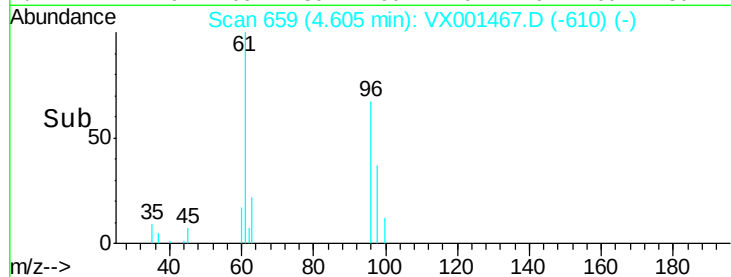
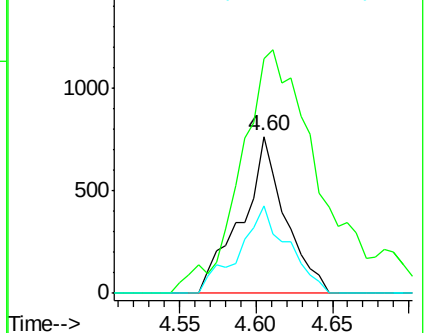
98 62.3 0.0 131.6



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: 0.97 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

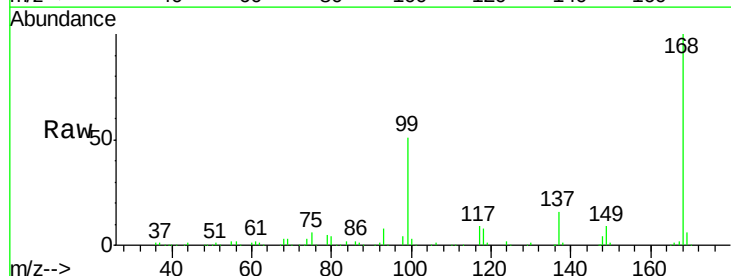
Tgt Ion: 56 Resp: 4643

Ion Ratio Lower Upper

56 100

69 153.5 25.4 38.0#

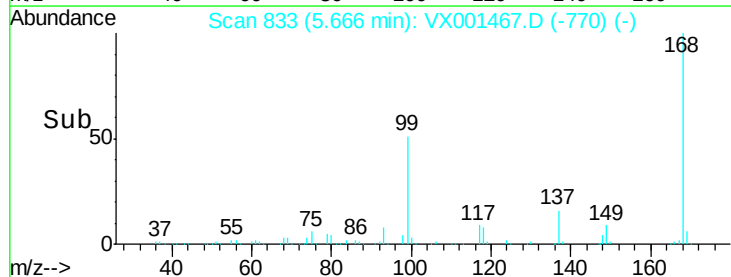
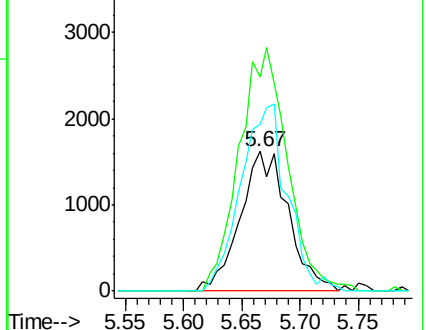
84 119.4 73.8 110.8#

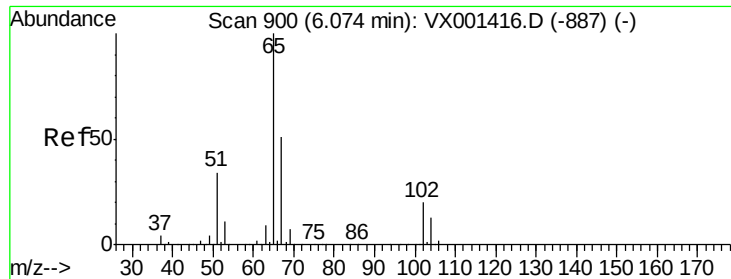


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

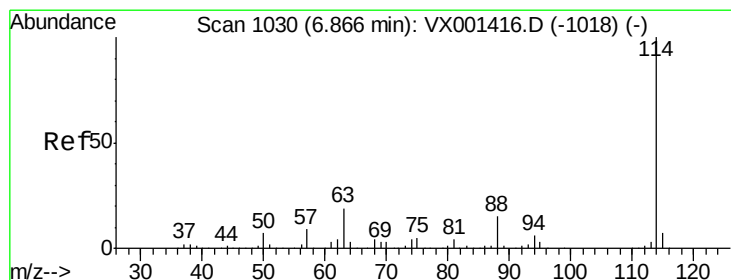
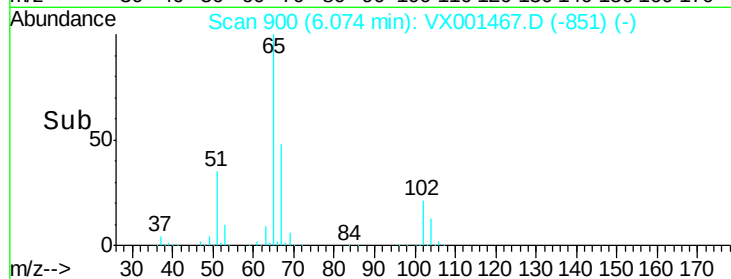
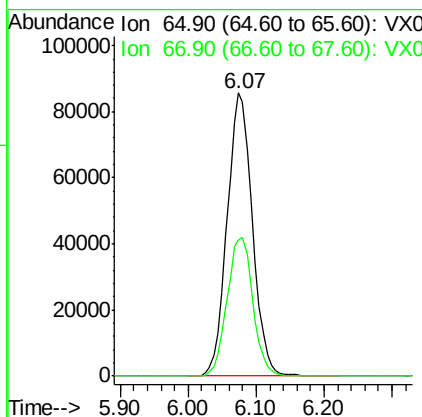
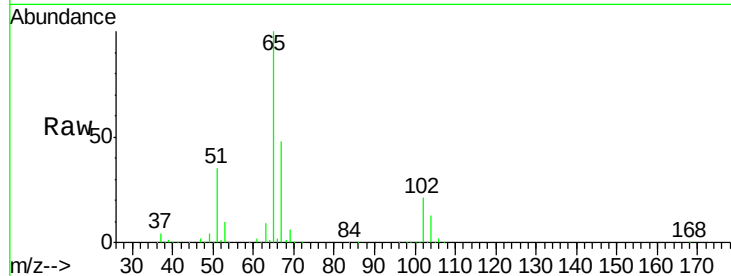




#33
 1,2-Dichloroethane-d4
 Concen: 58.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001467.D
 Acq: 07 May 2018 15:46

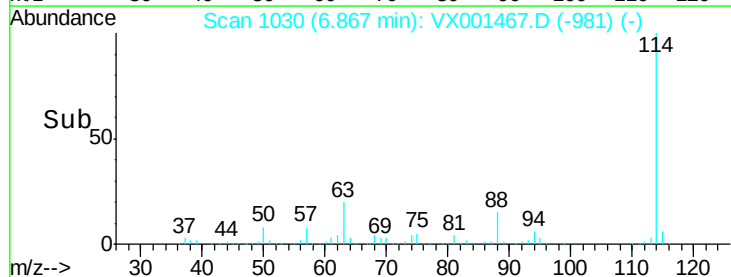
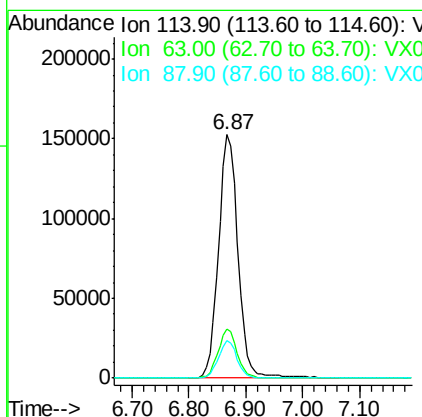
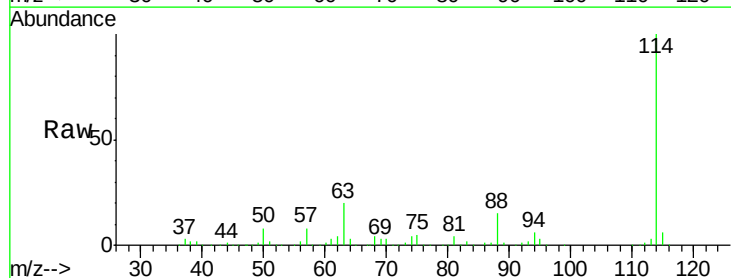
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20180428

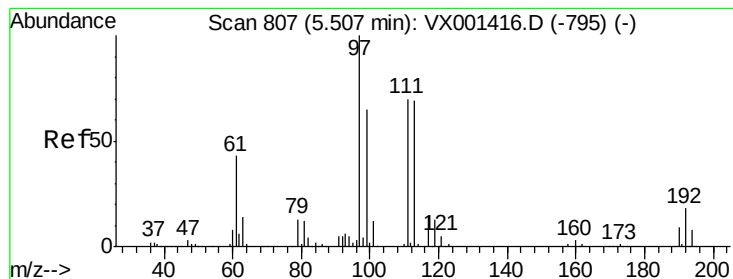
Tgt Ion: 65 Resp: 220192
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001467.D
 Acq: 07 May 2018 15:46

Tgt Ion: 114 Resp: 362129
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.76 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20180428

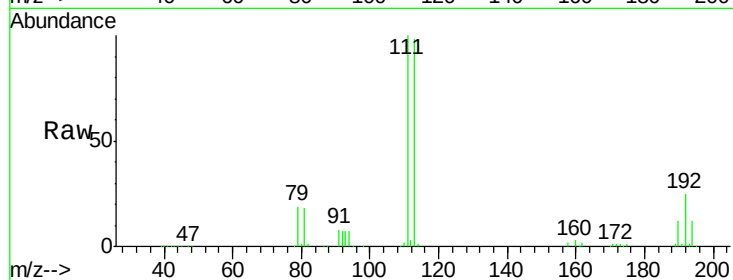
Tgt Ion:113 Resp: 169949

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

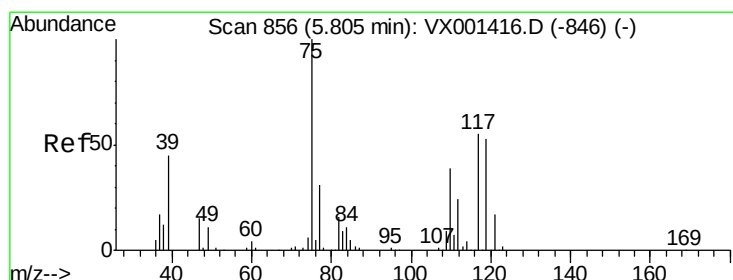
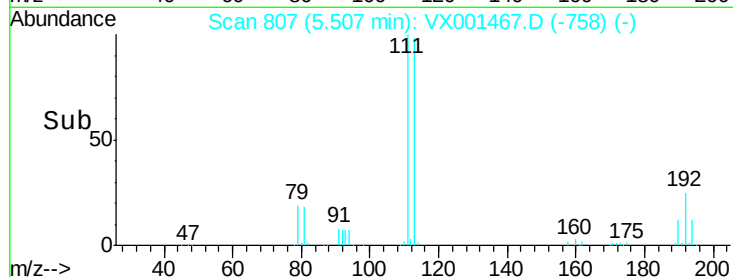
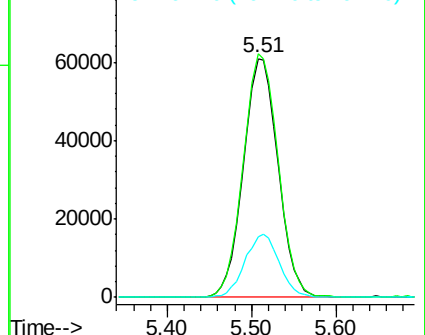
192 26.3 21.4 32.0



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: 3.58 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

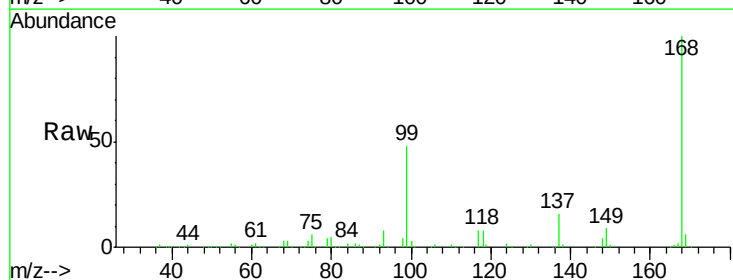
Tgt Ion: 75 Resp: 16495

Ion Ratio Lower Upper

75 100

110 10.4 18.9 56.7#

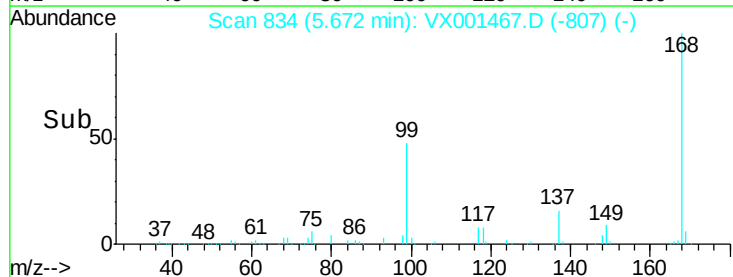
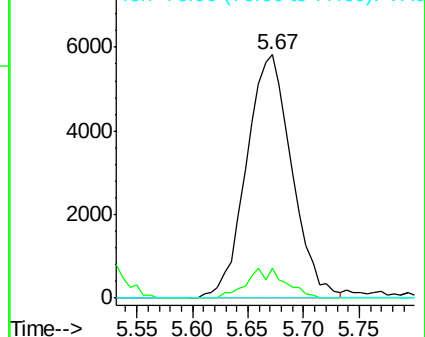
77 0.0 24.9 37.3#

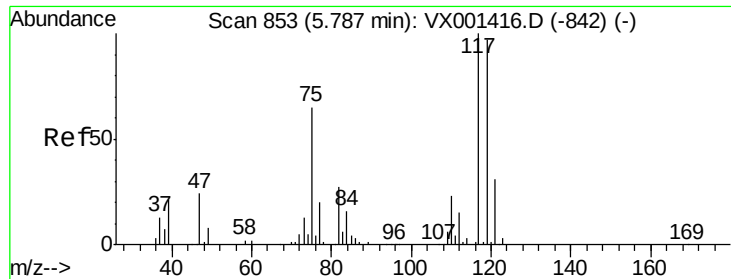


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

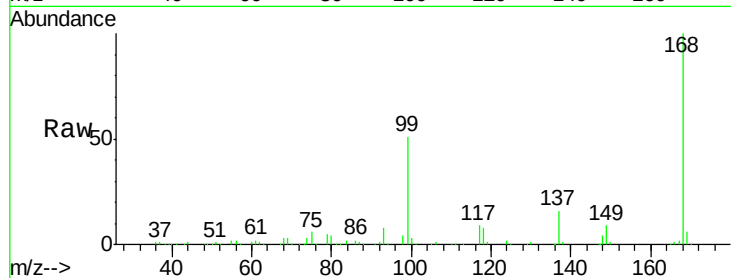




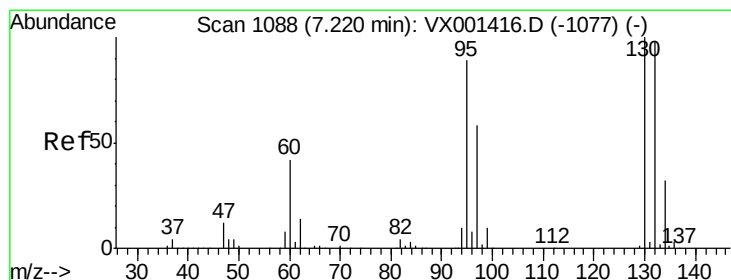
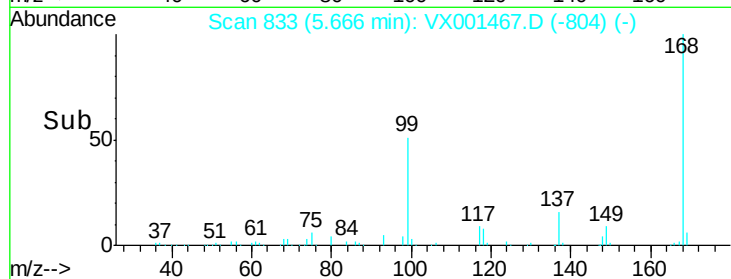
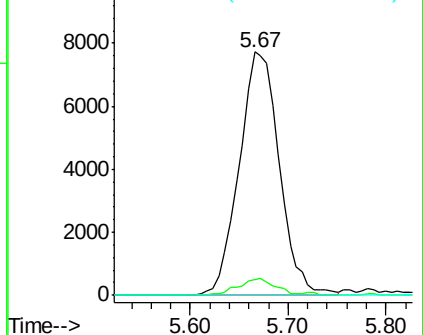
#38
 Carbon Tetrachloride
 Concen: 4.49 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001467.D
 Acq: 07 May 2018 15:46

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

Tgt Ion:117 Resp: 22037
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.0 115.6#
 121 0.0 25.1 37.7#

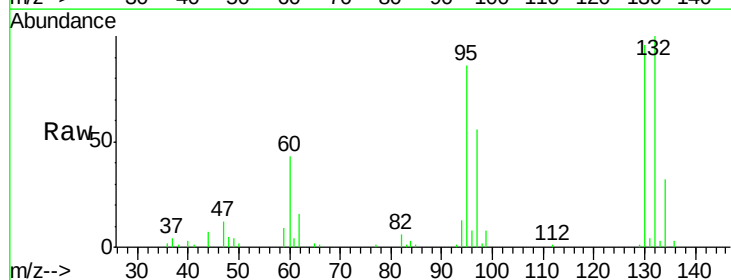


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

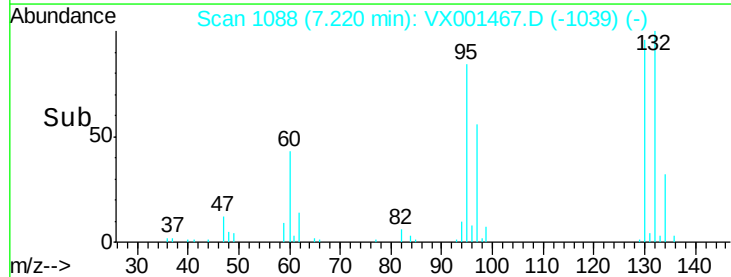
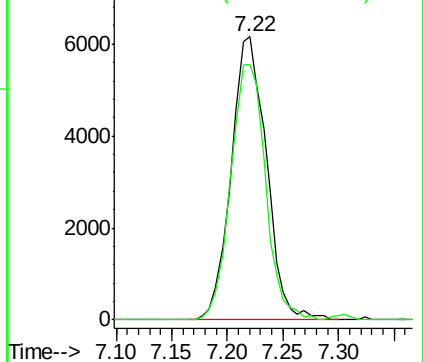


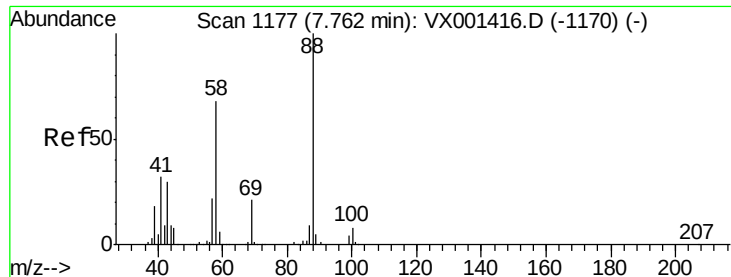
#44
 Trichloroethene
 Concen: 3.28 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001467.D
 Acq: 07 May 2018 15:46

Tgt Ion:130 Resp: 13503
 Ion Ratio Lower Upper
 130 100
 95 90.0 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: 7.39 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.02 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20180428

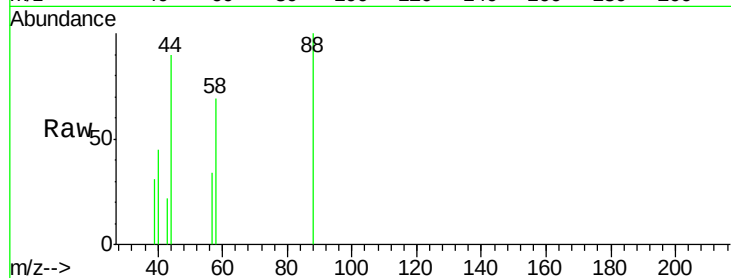
Tgt Ion: 88 Resp: 674

Ion Ratio Lower Upper

88 100

43 58.9 26.4 39.6#

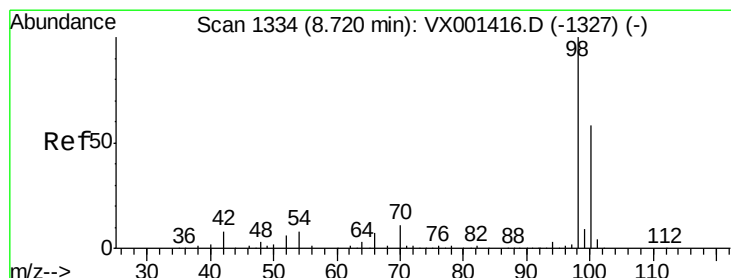
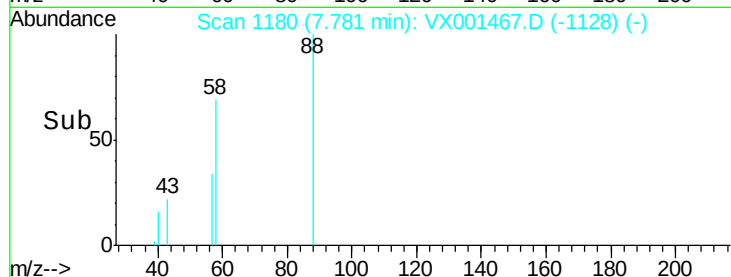
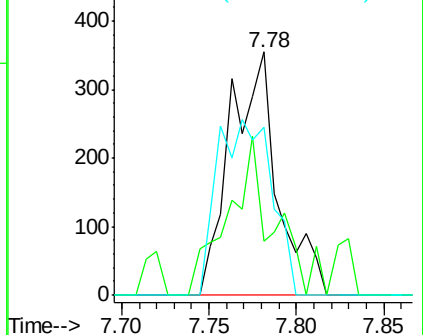
58 82.8 54.1 81.1#



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: 52.29 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001467.D

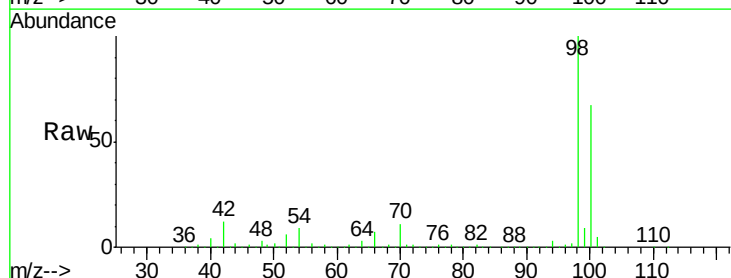
Acq: 07 May 2018 15:46

Tgt Ion: 98 Resp: 614748

Ion Ratio Lower Upper

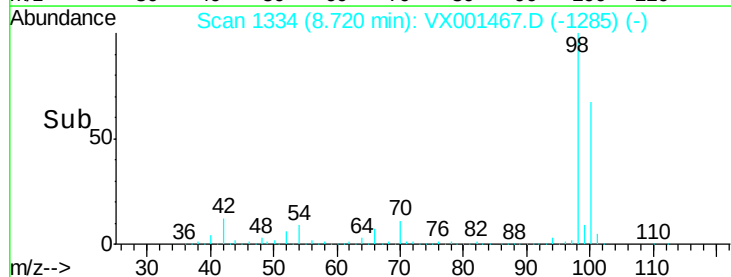
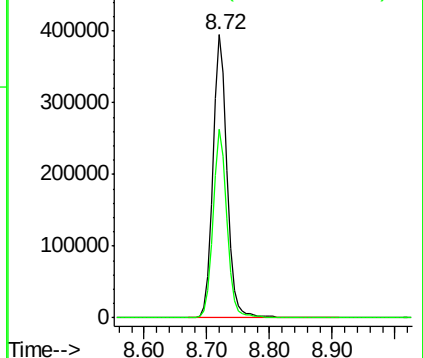
98 100

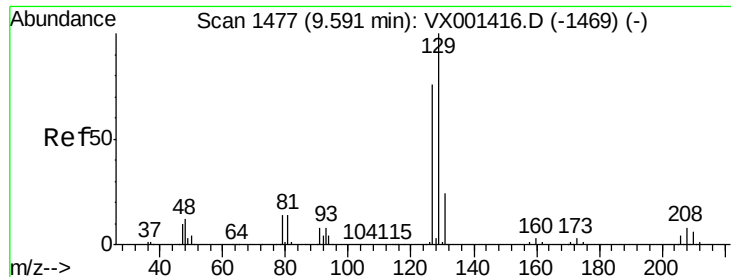
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#60

Dibromochloromethane

Concen: 10.02 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

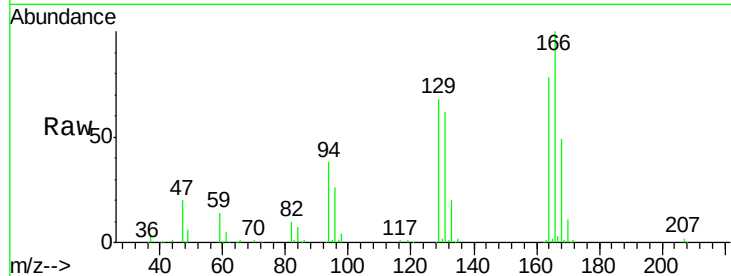
BPS1-TT-MW30311-20180428

Tgt Ion:129 Resp: 36377

Ion Ratio Lower Upper

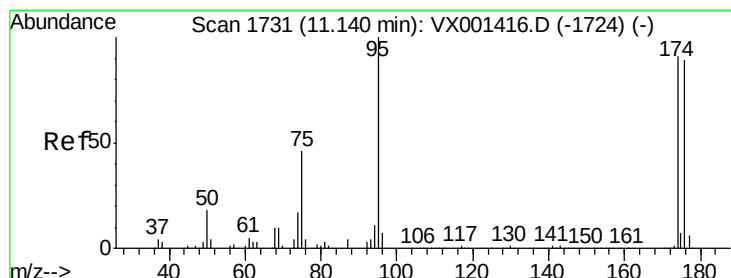
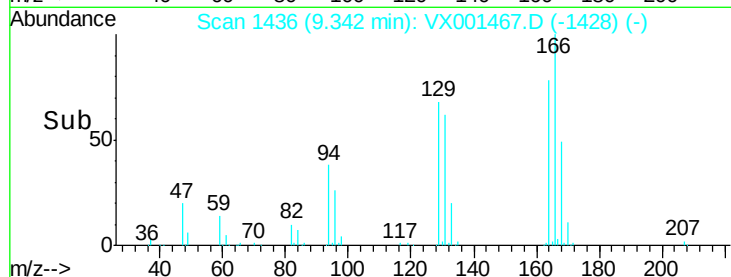
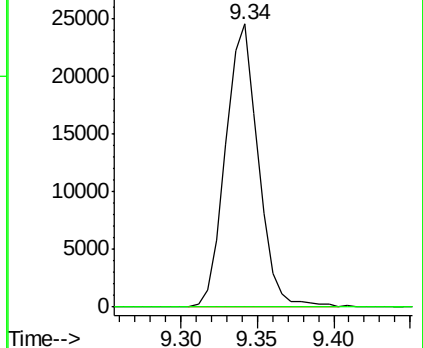
129 100

127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

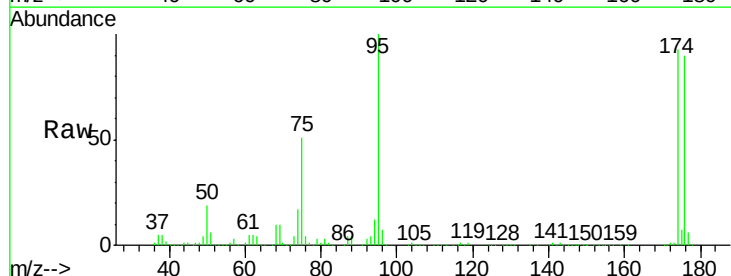
Tgt Ion: 95 Resp: 203598

Ion Ratio Lower Upper

95 100

174 100.6 0.0 202.0

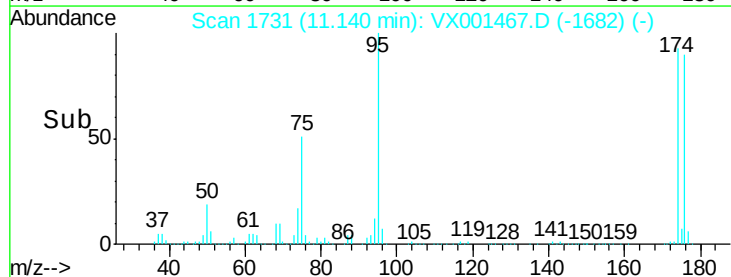
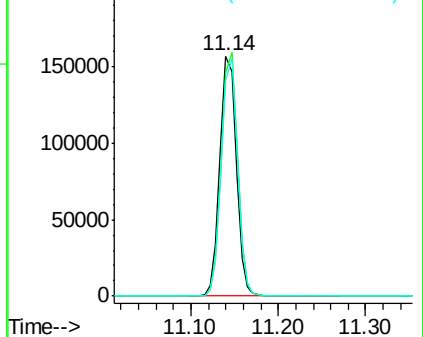
176 97.5 0.0 197.4

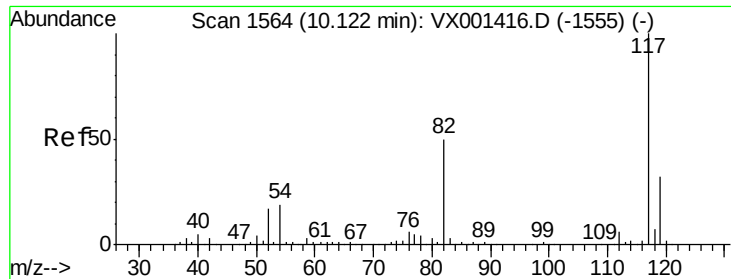


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

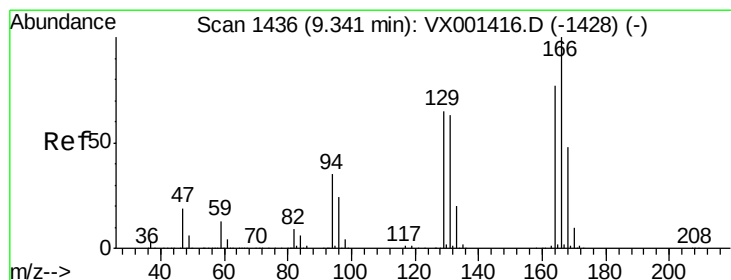
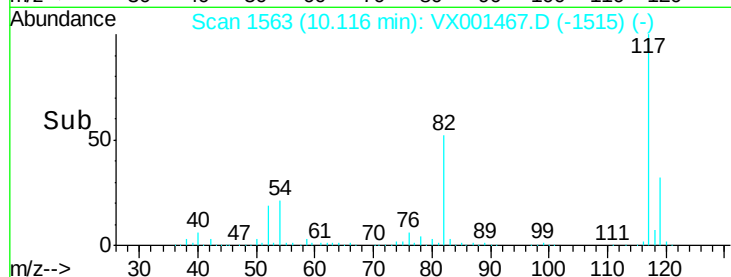
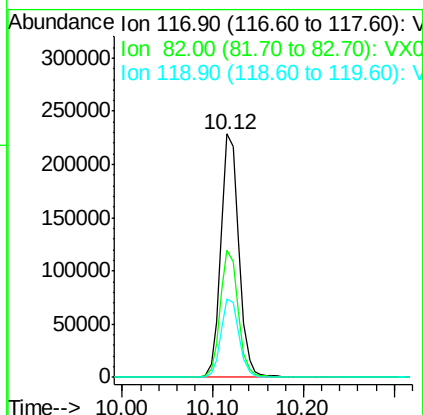
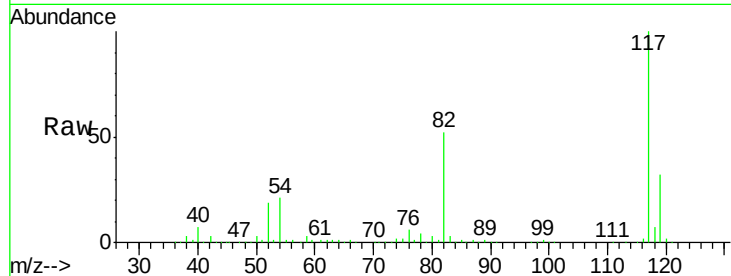




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001467.D
Acq: 07 May 2018 15:46

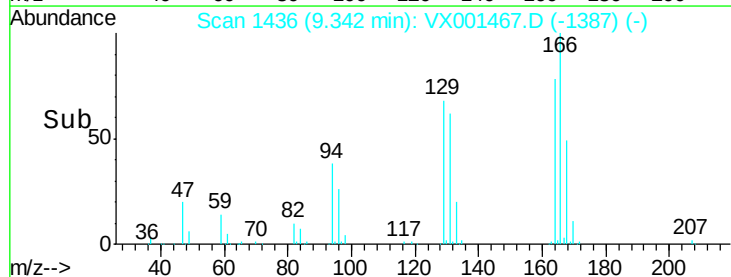
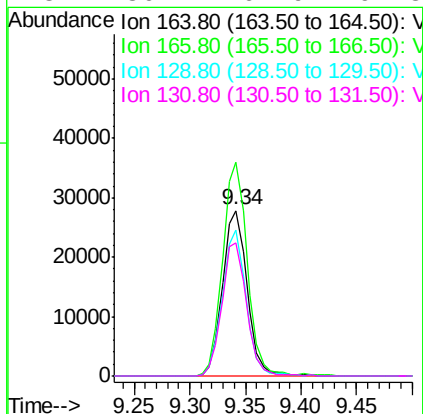
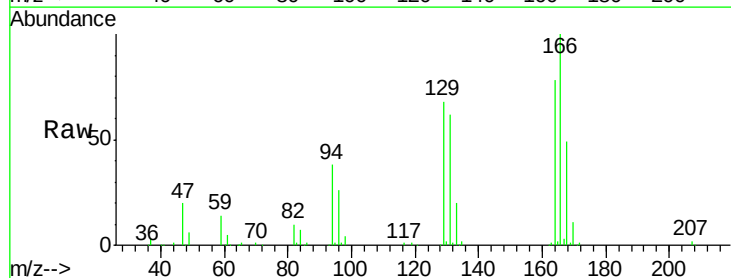
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20180428

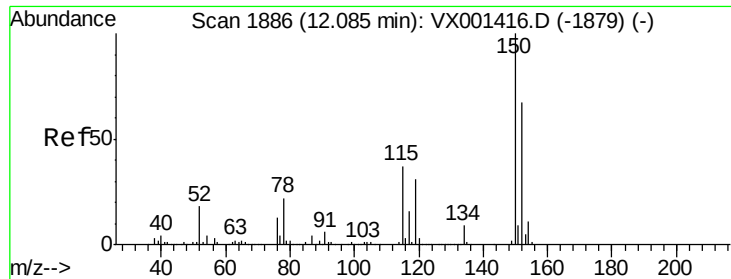
Tgt Ion:117 Resp: 316929
Ion Ratio Lower Upper
117 100
82 52.5 40.0 60.0
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 9.68 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001467.D
Acq: 07 May 2018 15:46

Tgt Ion:164 Resp: 42772
Ion Ratio Lower Upper
164 100
166 129.0 103.5 155.3
129 87.9 66.7 100.1
131 80.4 64.9 97.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20180428

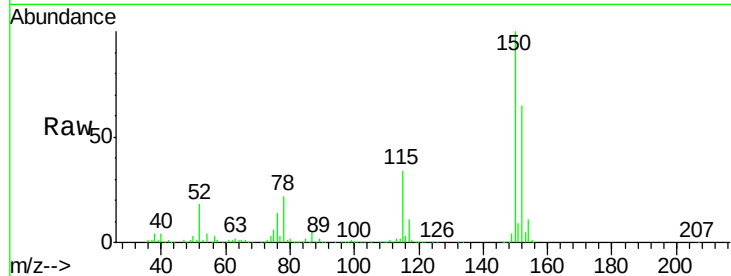
Tgt Ion:152 Resp: 173266

Ion Ratio Lower Upper

152 100

115 52.7 37.7 113.1

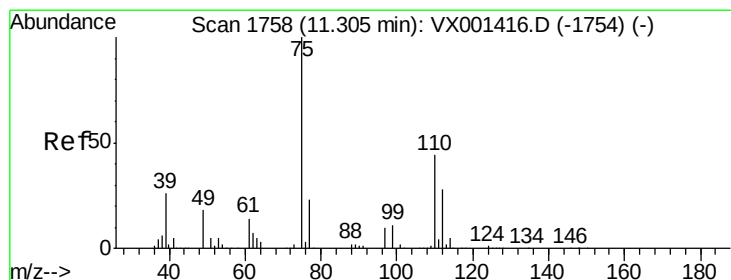
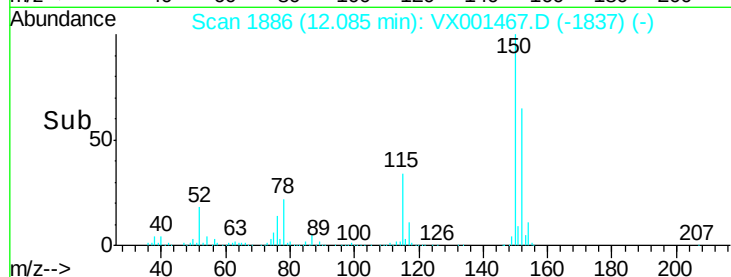
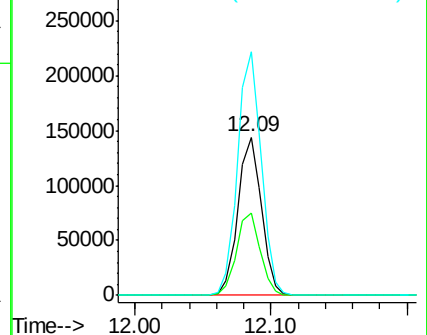
150 155.5 0.0 349.4



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: 28.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001467.D

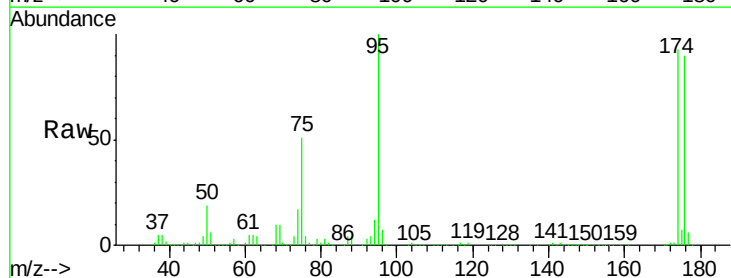
Acq: 07 May 2018 15:46

Tgt Ion: 75 Resp: 101564

Ion Ratio Lower Upper

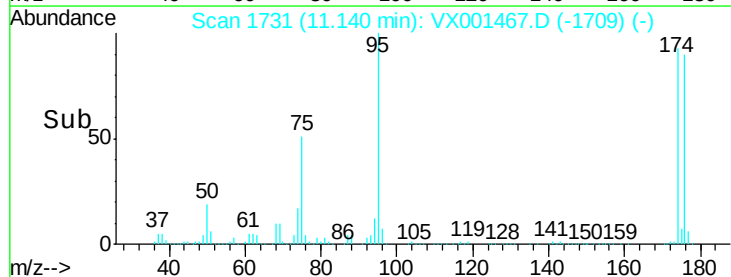
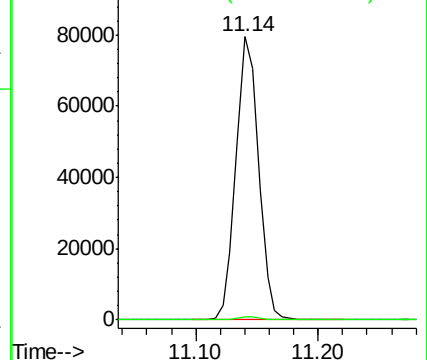
75 100

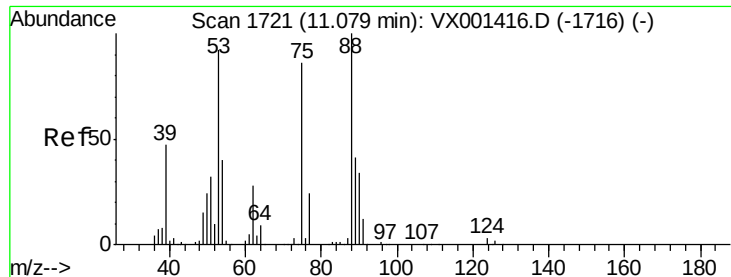
77 1.2 19.6 58.7#



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: 88.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001467.D

Acq: 07 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20180428

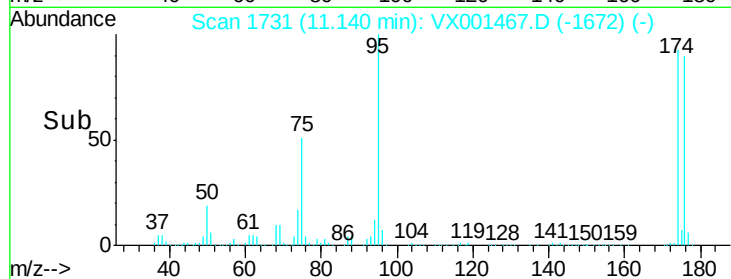
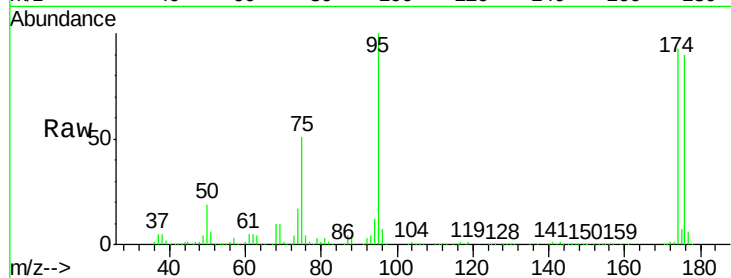
Tgt Ion: 75 Resp: 101564

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

