

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007865.D
 Acq On : 06 Mar 2019 17:34
 Operator : JC/SP
 Sample : K1759-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-TB-20190304

Quant Time: Mar 07 07:51:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

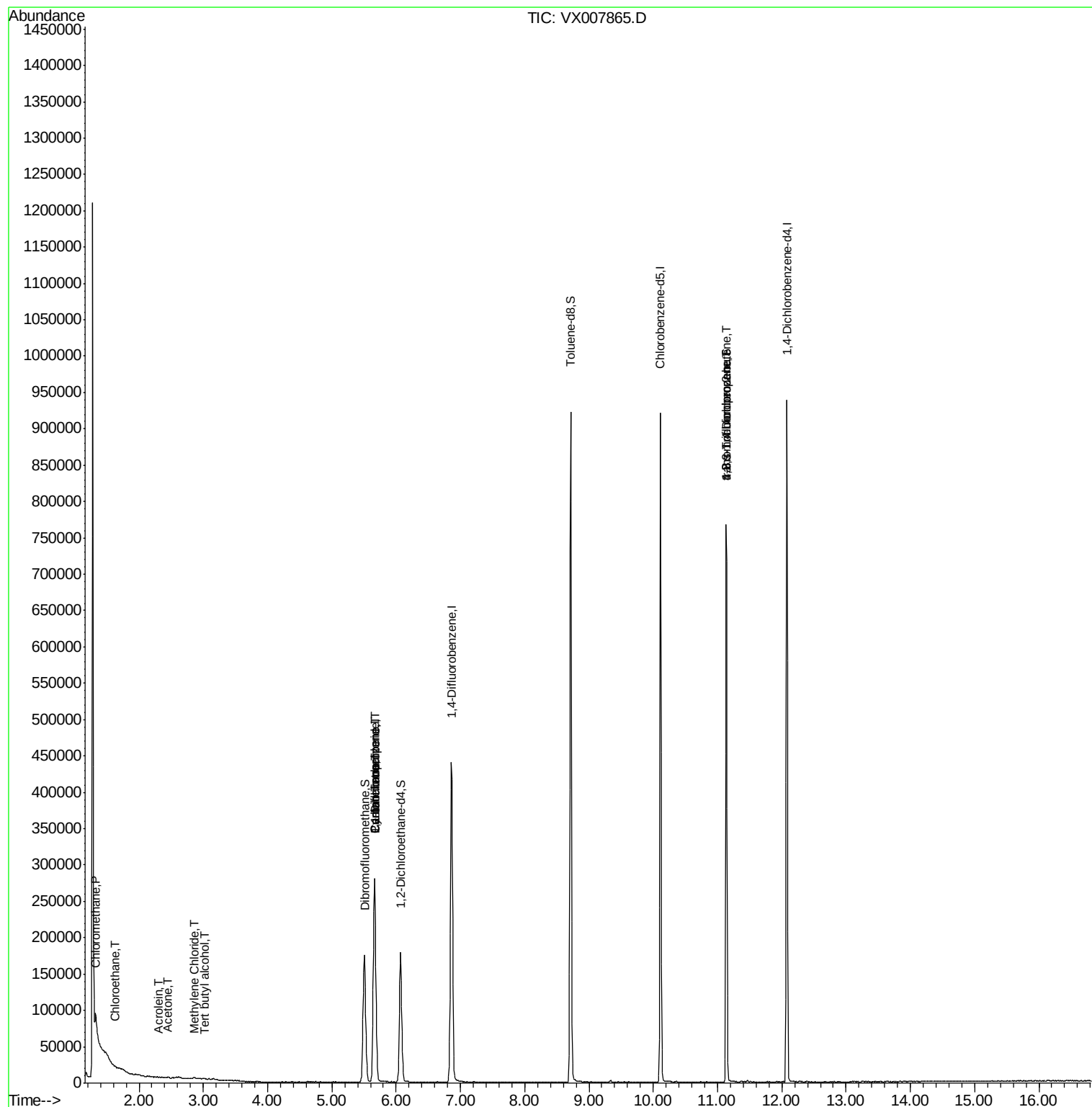
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163159	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	5.50	113	150940	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	8.71	98	554410	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	201112	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	2554	0.787	ug/l #	75
5) Bromomethane	1.65	94	494	Below Cal	#	78
6) Chloroethane	1.63	64	2101	0.981	ug/l #	61
11) Tert butyl alcohol	3.02	59	777	1.118	ug/l #	73
13) Acrolein	2.30	56	19	1.589	ug/l #	13
16) Acetone	2.45	43	1455	0.809	ug/l	94
17) Carbon Disulfide	2.58	76	1198	Below Cal	#	76
20) Methylene Chloride	2.87	84	724	0.253	ug/l #	87
31) Cyclohexane	5.67	56	4787	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	18853	4.531	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24990	6.326	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	92973	21.829	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	92973	69.777	ug/l #	11

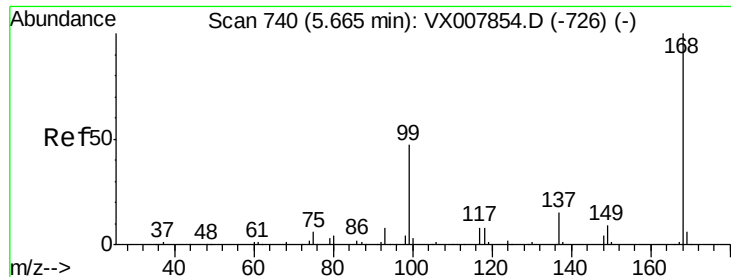
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

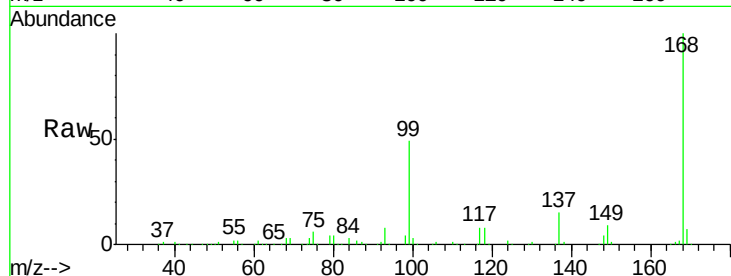
BP-VPB201-TB-20190304

Tgt Ion:168 Resp: 294726

Ion Ratio Lower Upper

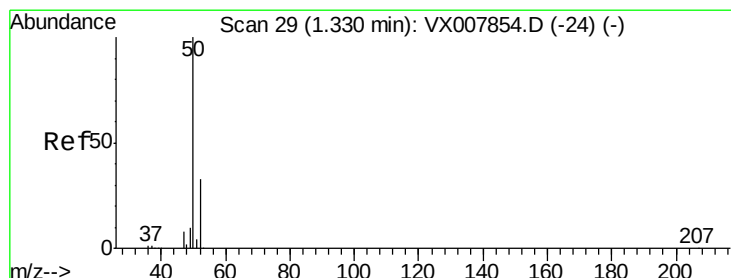
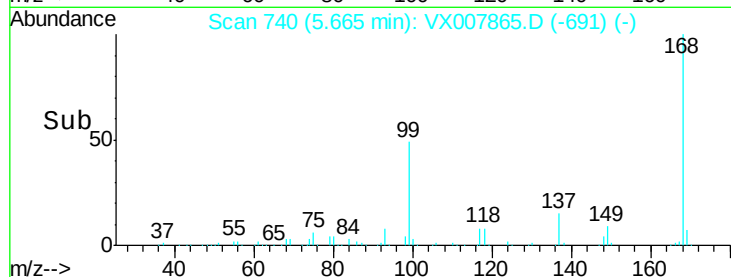
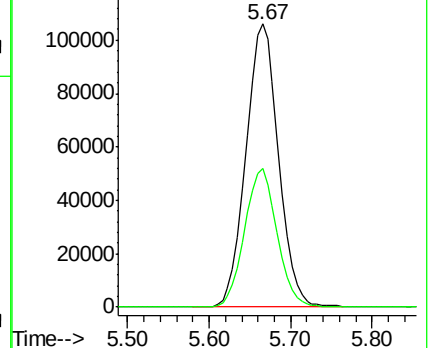
168 100

99 48.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.787 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007865.D

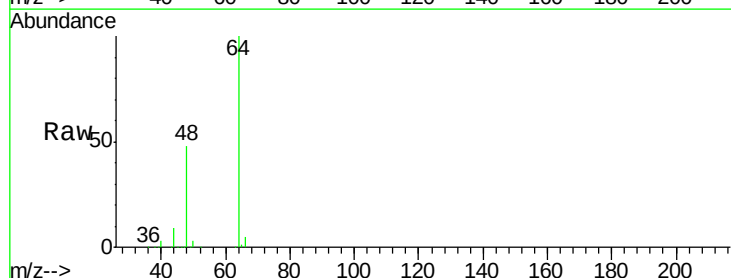
Acq: 06 Mar 2019 17:34

Tgt Ion: 50 Resp: 2554

Ion Ratio Lower Upper

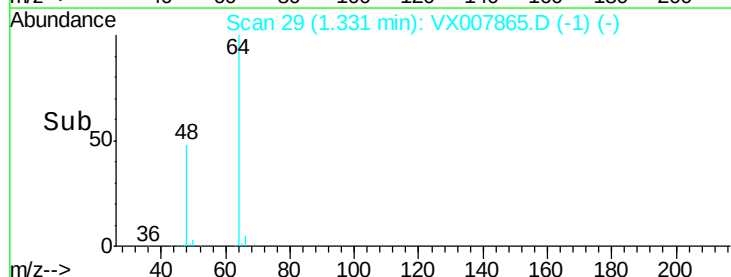
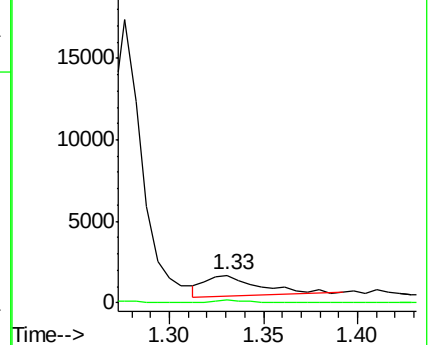
50 100

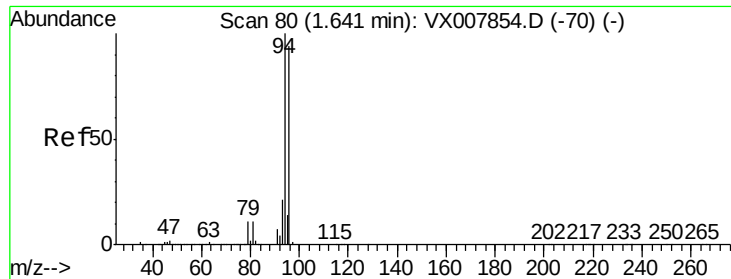
52 18.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

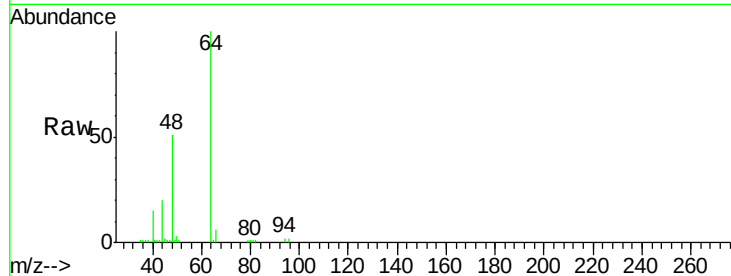
BP-VPB201-TB-20190304

Tgt Ion: 94 Resp: 494

Ion Ratio Lower Upper

94 100

96 72.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

100

50

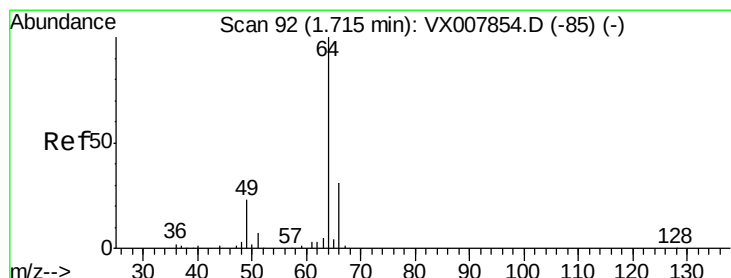
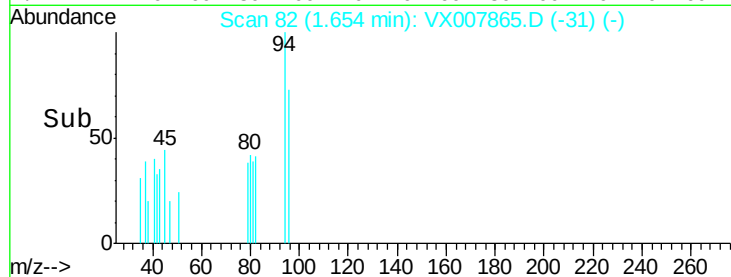
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 0.981 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.09 min

Lab File: VX007865.D

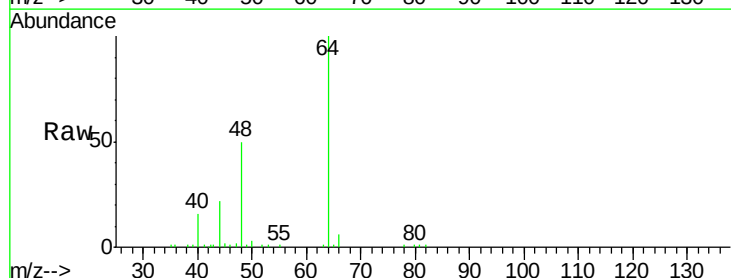
Acq: 06 Mar 2019 17:34

Tgt Ion: 64 Resp: 2101

Ion Ratio Lower Upper

64 100

66 9.8 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

12000

10000

8000

6000

4000

2000

0

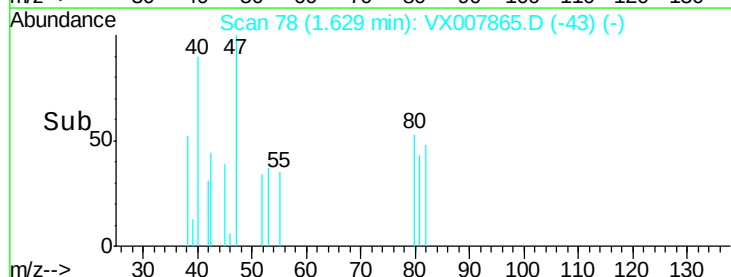
1.60

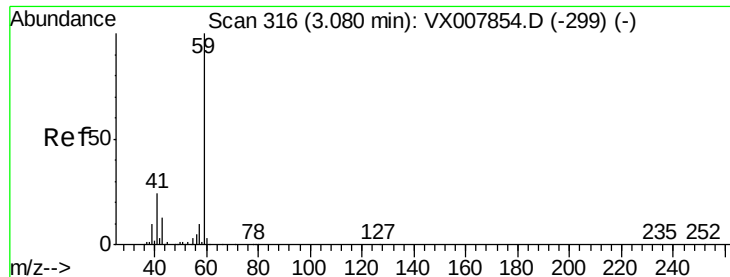
1.62

1.64

1.66

Time-->

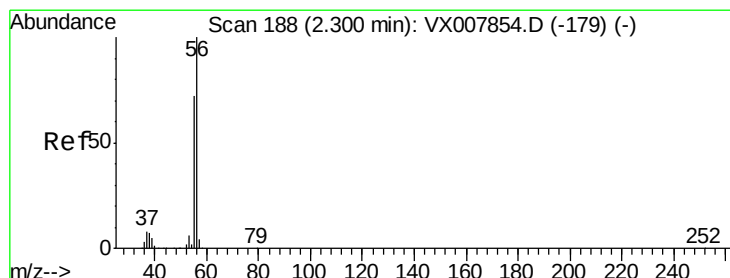
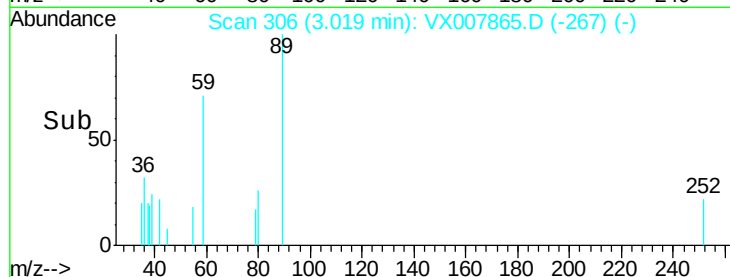
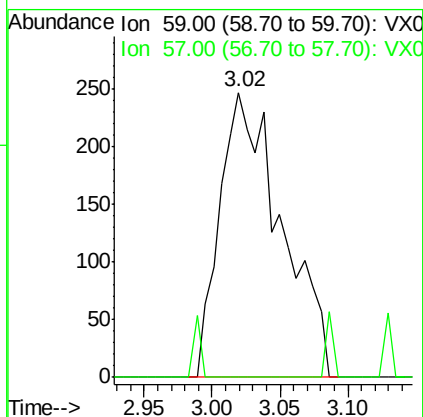
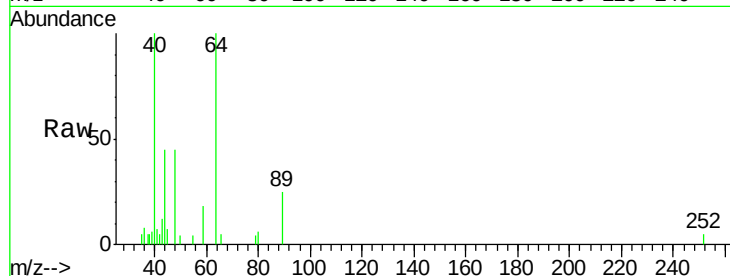




#11
Tert butyl alcohol
Concen: 1.118 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX007865.D
Acq: 06 Mar 2019 17:34

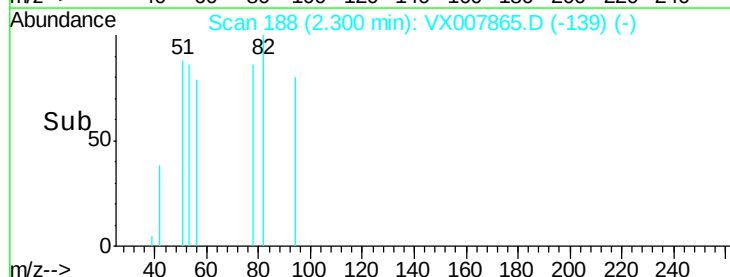
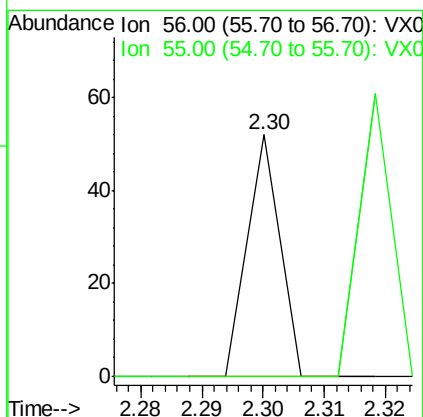
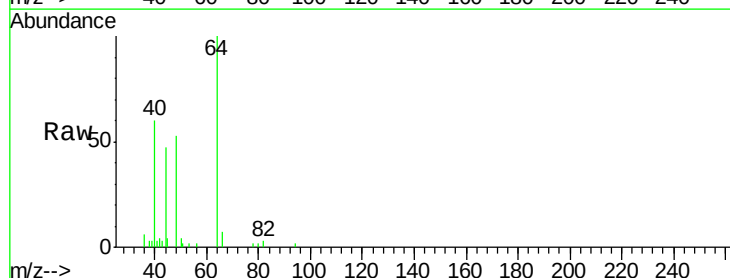
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-TB-20190304

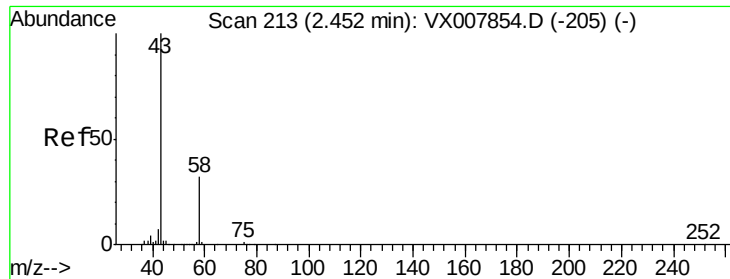
Tgt Ion: 59 Resp: 777
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 1.589 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007865.D
Acq: 06 Mar 2019 17:34

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#





#16

Acetone

Concen: 0.809 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

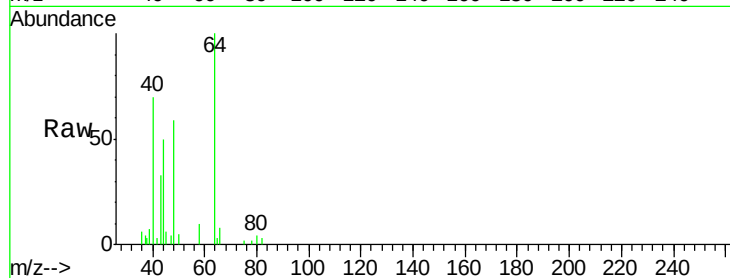
BP-VPB201-TB-20190304

Tgt Ion: 43 Resp: 1455

Ion Ratio Lower Upper

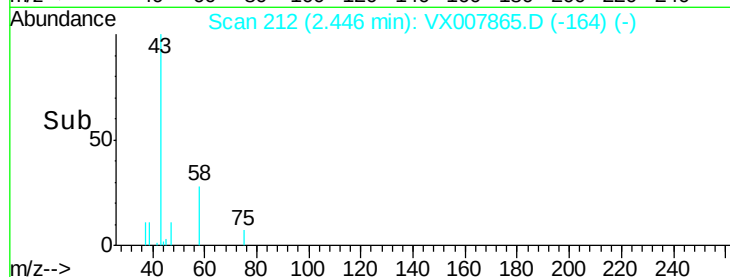
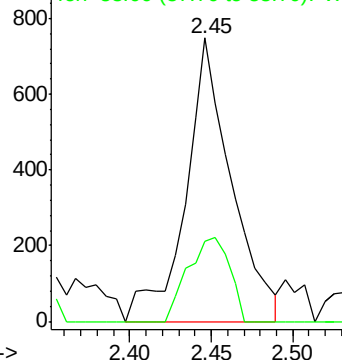
43 100

58 28.5 25.5 38.3

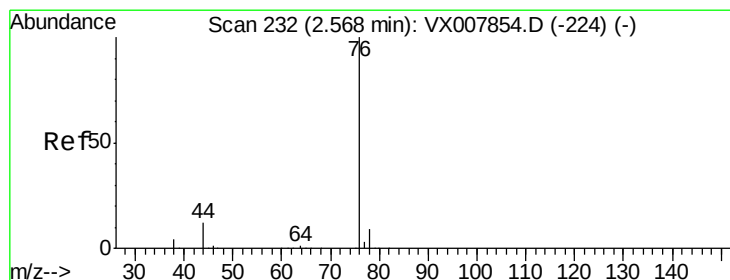


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007865.D

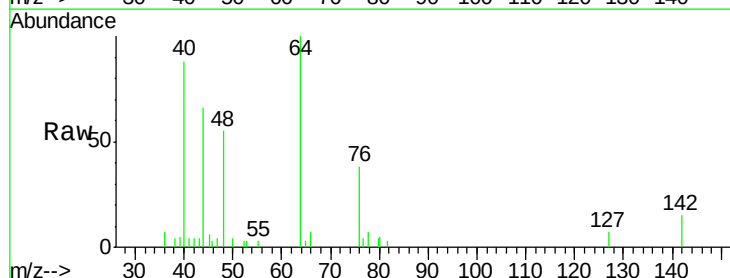
Acq: 06 Mar 2019 17:34

Tgt Ion: 76 Resp: 1198

Ion Ratio Lower Upper

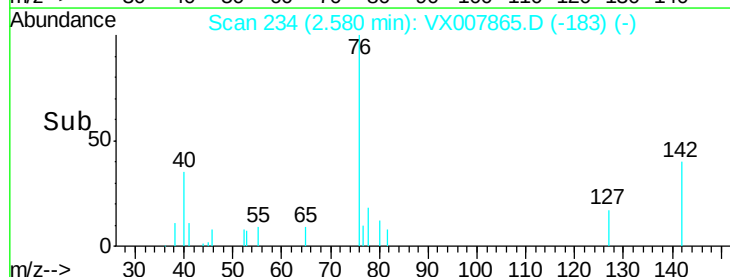
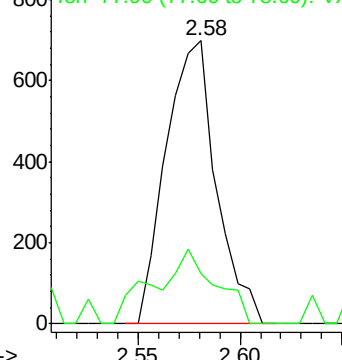
76 100

78 17.8 7.2 10.8#

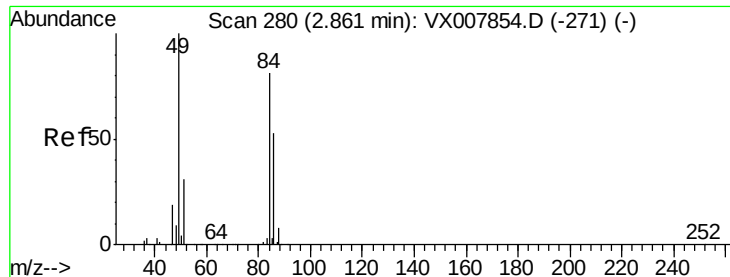


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



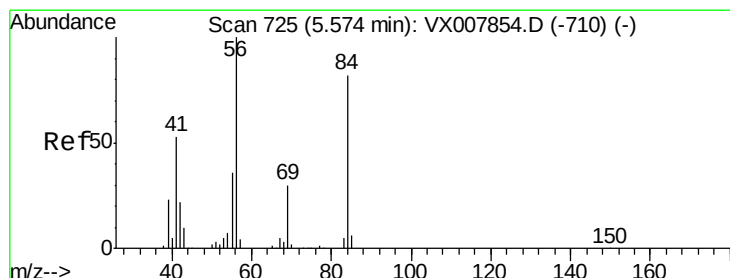
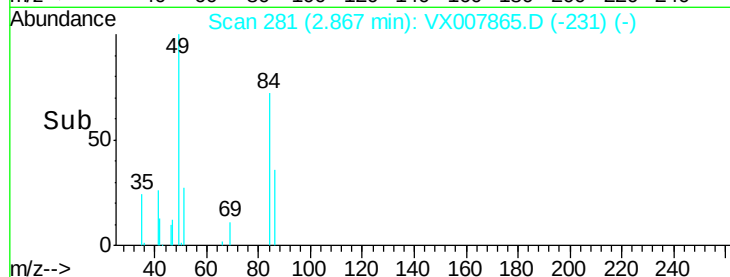
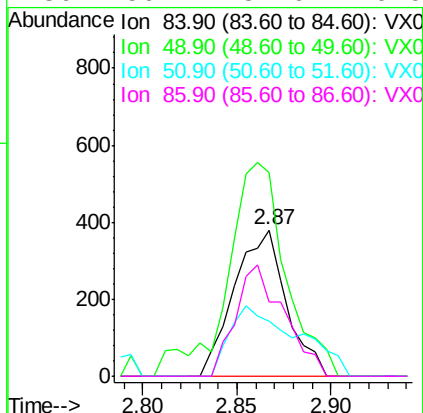
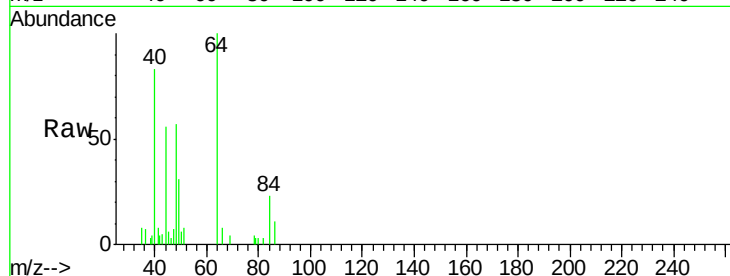
Time-->



#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX007865.D
Acq: 06 Mar 2019 17:34

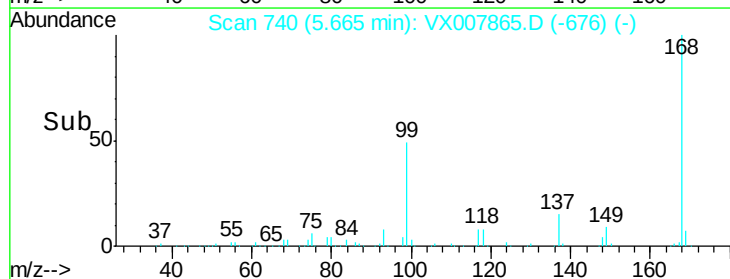
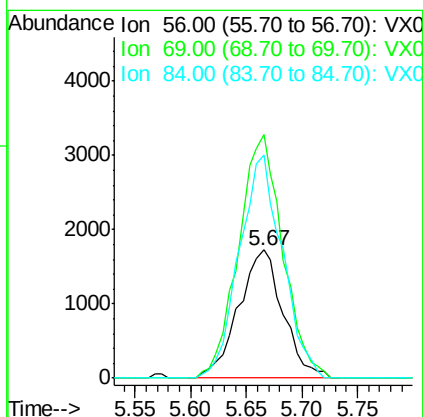
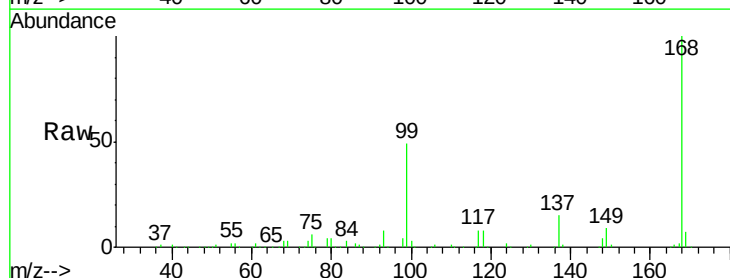
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-TB-20190304

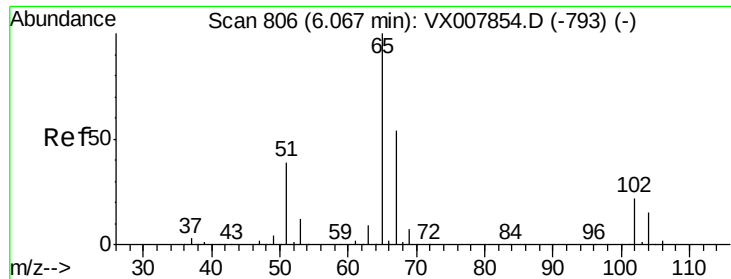
Tgt Ion:	84	Resp:	724
Ion	Ratio	Lower	Upper
84	100		
49	139.3	99.3	148.9
51	37.5	31.3	46.9
86	50.7	52.6	79.0#



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007865.D
Acq: 06 Mar 2019 17:34

Tgt Ion:	56	Resp:	4787
Ion	Ratio	Lower	Upper
56	100		
69	190.0	24.0	36.0#
84	174.3	65.3	97.9#

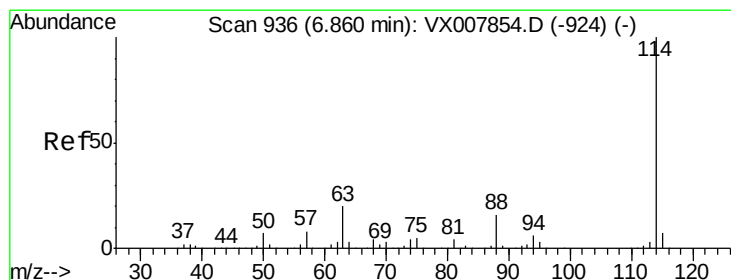
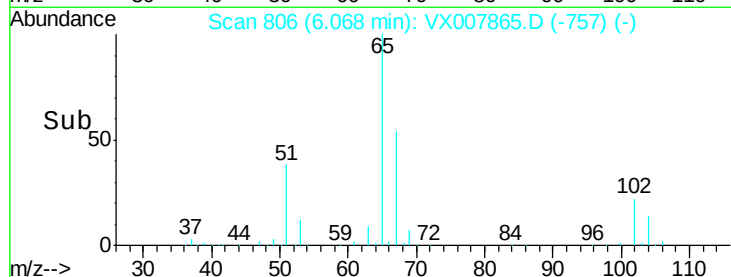
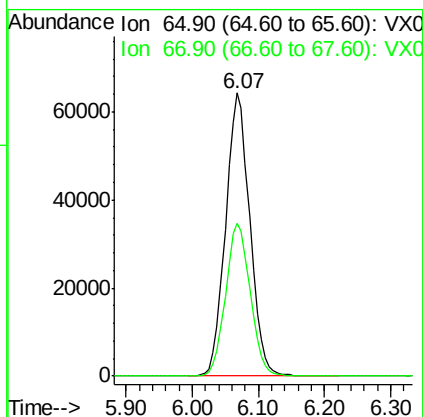
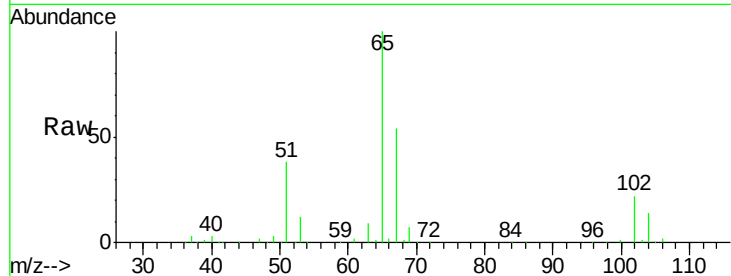




#33
 1,2-Dichloroethane-d4
 Concen: 52.478 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007865.D
 Acq: 06 Mar 2019 17:34

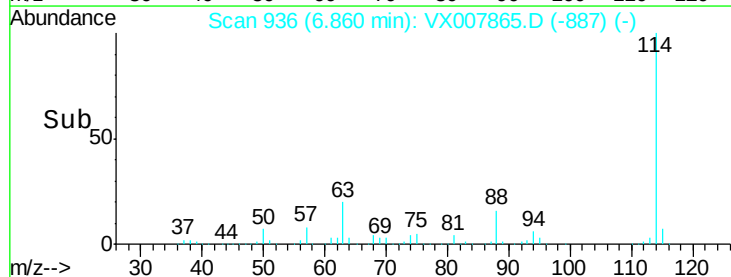
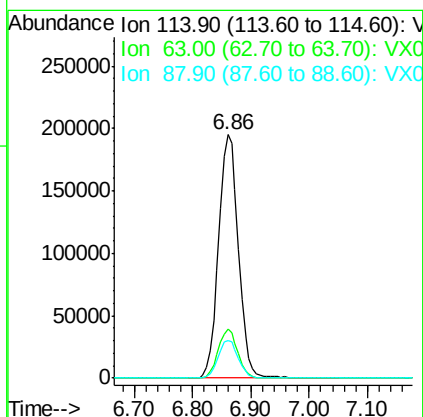
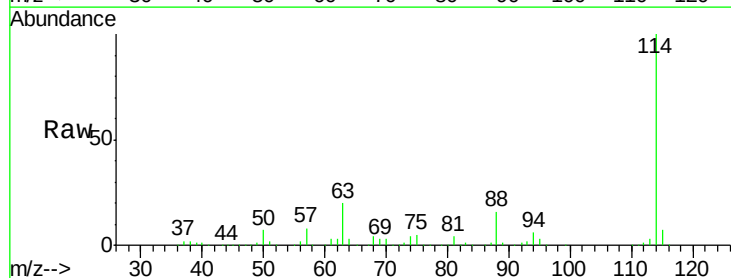
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 MSVOA_X
 ClientSampleId :
 BP-VPB201-TB-20190304

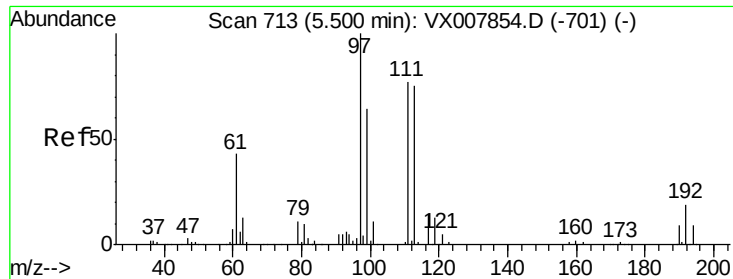
Tgt Ion: 65 Resp: 163159
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007865.D
 Acq: 06 Mar 2019 17:34

Tgt Ion: 114 Resp: 459570
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.345 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-TB-20190304

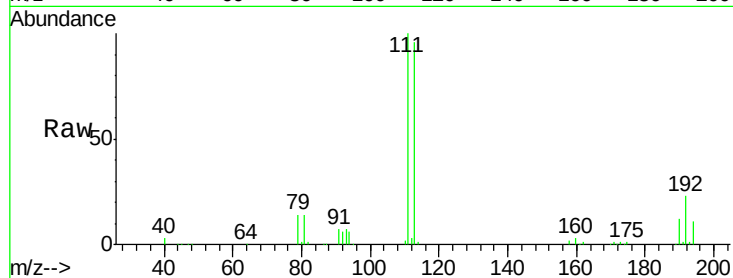
Tgt Ion:113 Resp: 150940

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

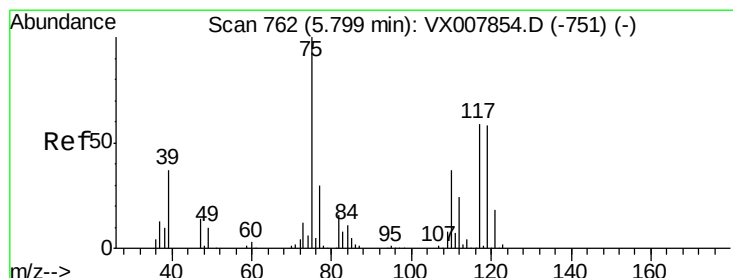
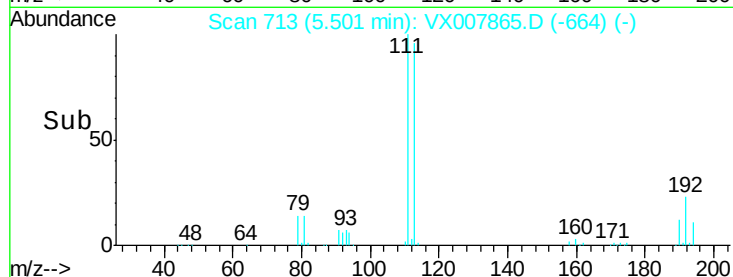
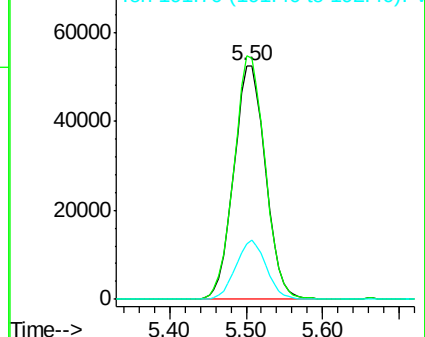
192 24.3 19.4 29.0



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: 4.531 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

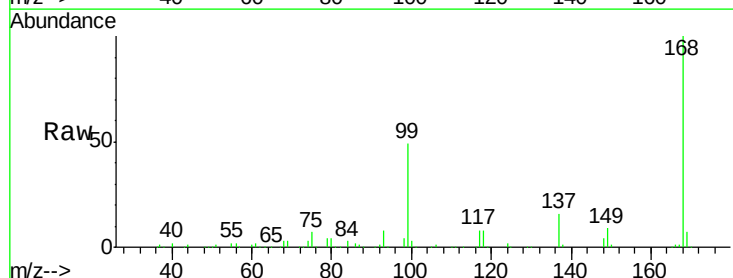
Tgt Ion: 75 Resp: 18853

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.0#

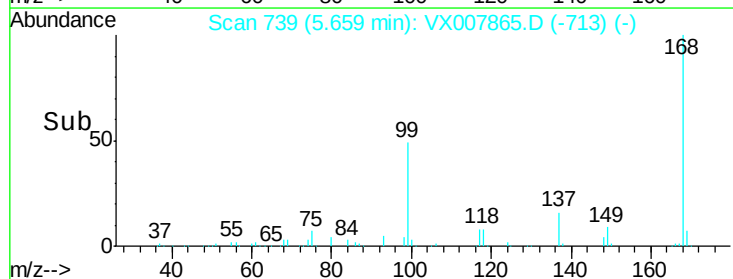
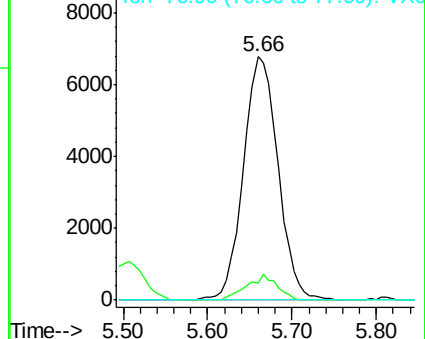
77 0.0 25.0 37.4#

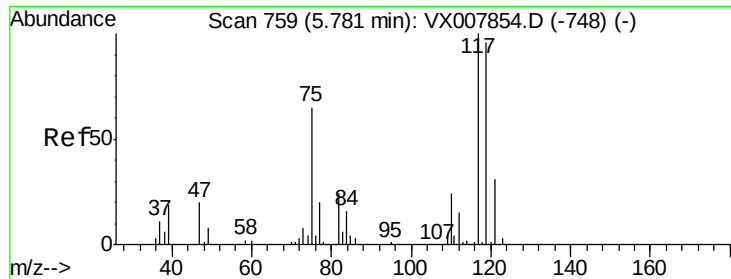


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.326 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-TB-20190304

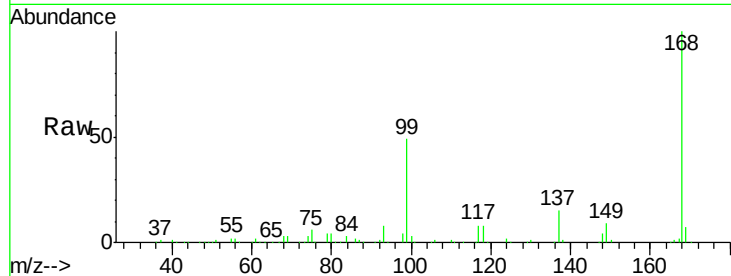
Tgt Ion: 117 Resp: 24990

Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.2#

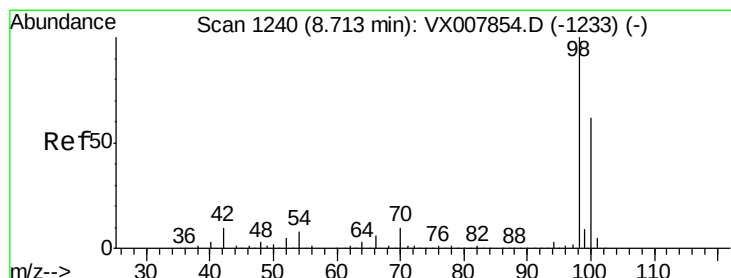
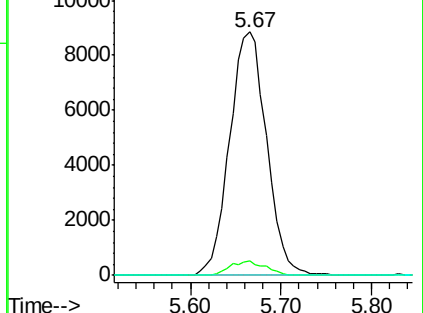
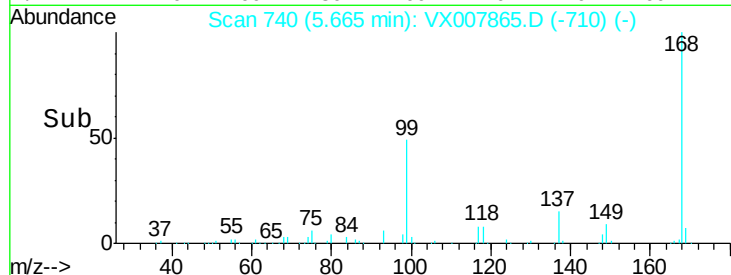
121 0.0 24.6 36.8#



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: 51.352 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007865.D

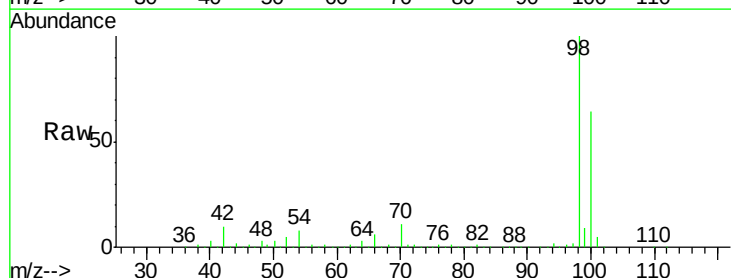
Acq: 06 Mar 2019 17:34

Tgt Ion: 98 Resp: 554410

Ion Ratio Lower Upper

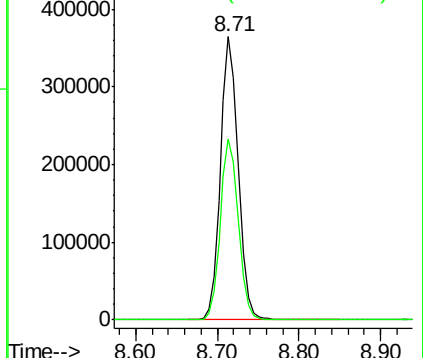
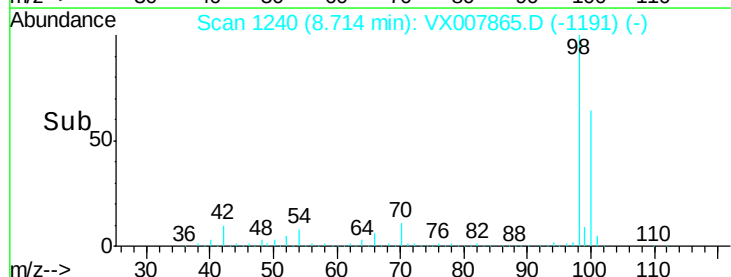
98 100

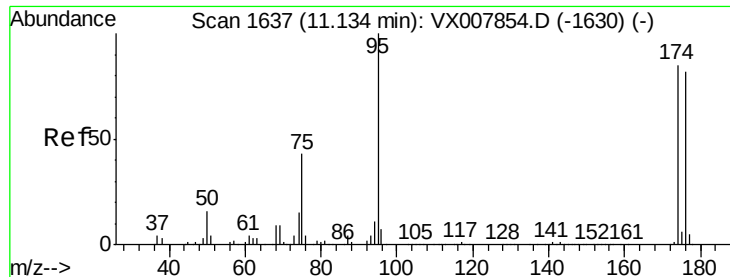
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

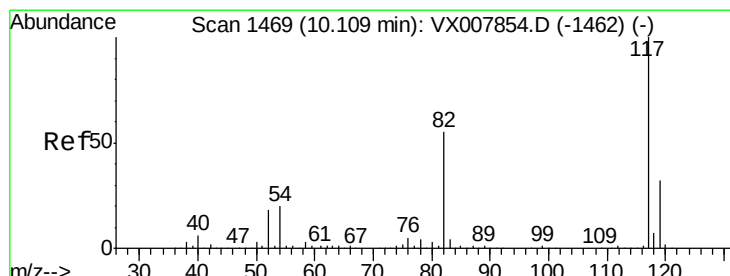
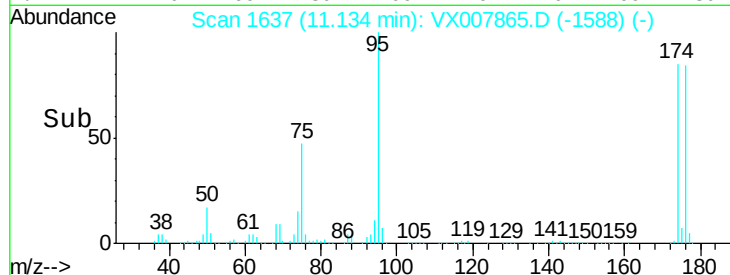
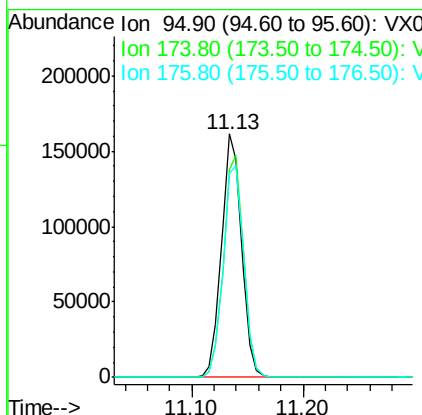
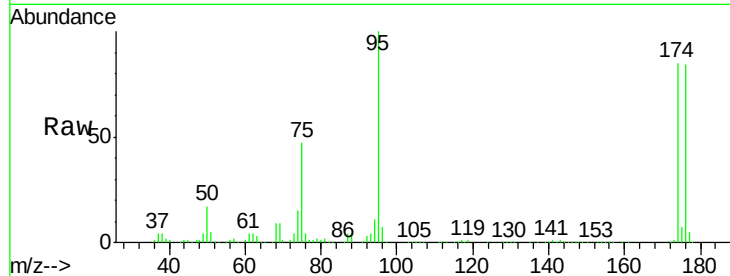




#62
4-Bromofluorobenzene
Concen: 53.131 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007865.D
Acq: 06 Mar 2019 17:34

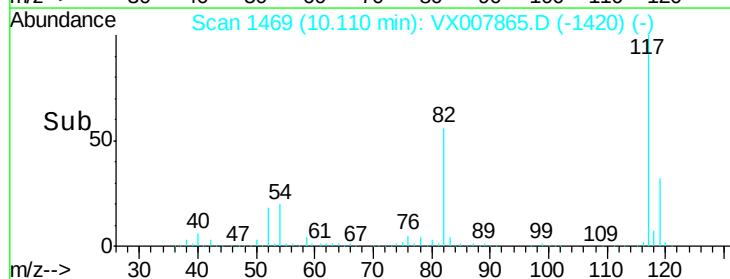
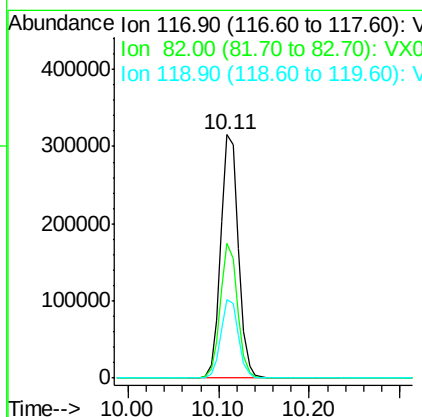
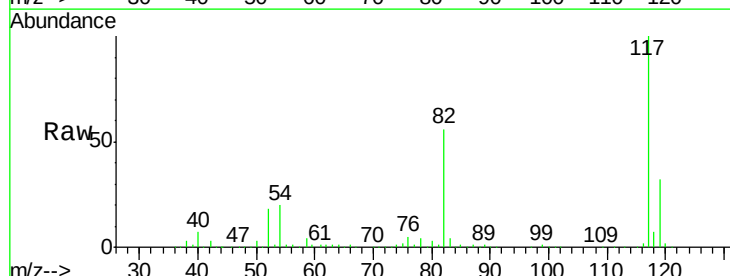
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-TB-20190304

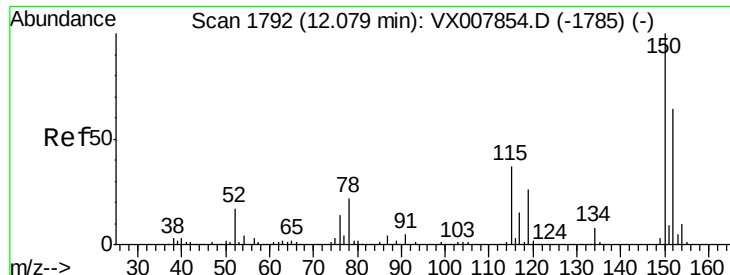
Tgt Ion: 95 Resp: 201112
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.8
176 89.2 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007865.D
Acq: 06 Mar 2019 17:34

Tgt Ion: 117 Resp: 428655
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-TB-20190304

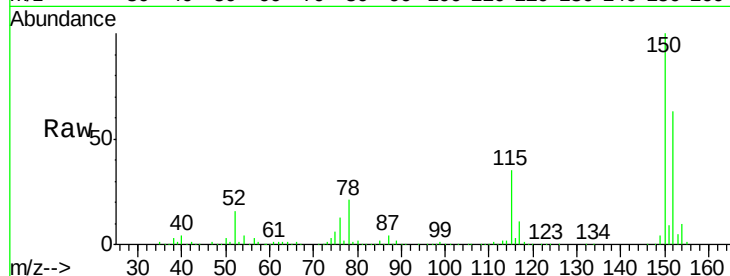
Tgt Ion:152 Resp: 202967

Ion Ratio Lower Upper

152 100

115 55.4 38.6 115.7

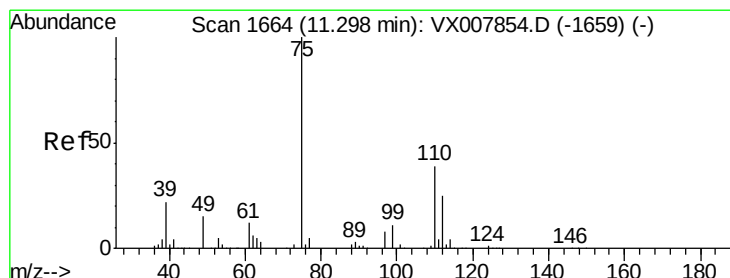
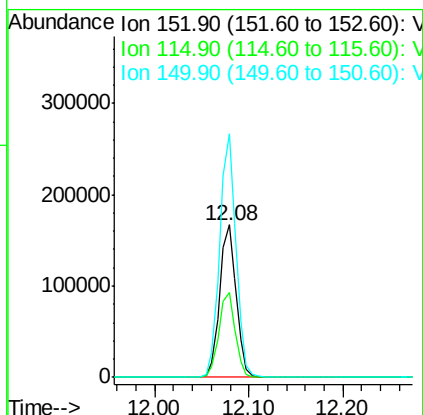
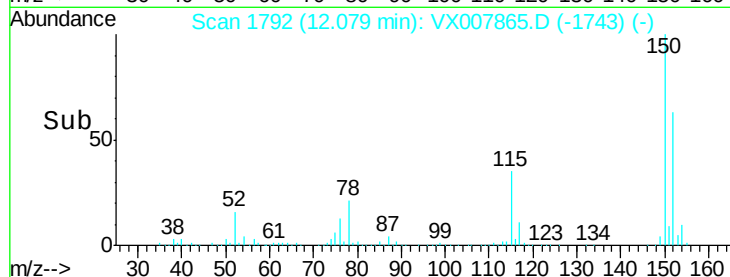
150 157.6 0.0 348.4



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: 21.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007865.D

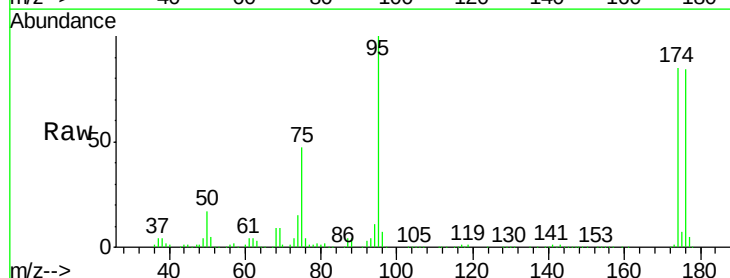
Acq: 06 Mar 2019 17:34

Tgt Ion: 75 Resp: 92973

Ion Ratio Lower Upper

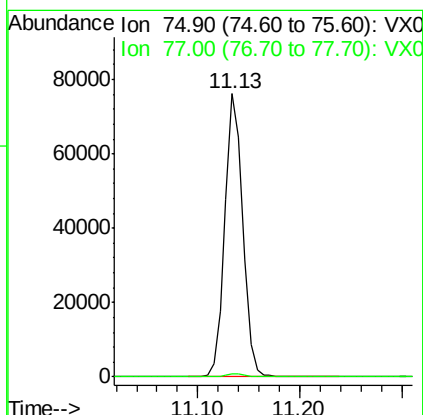
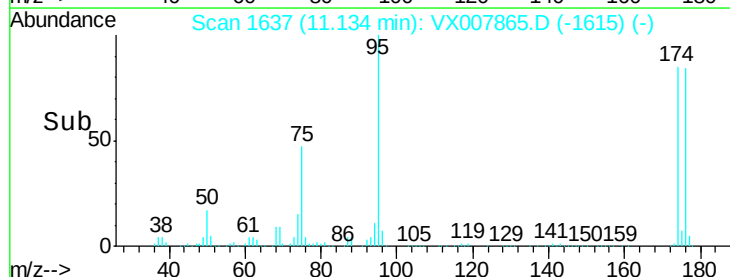
75 100

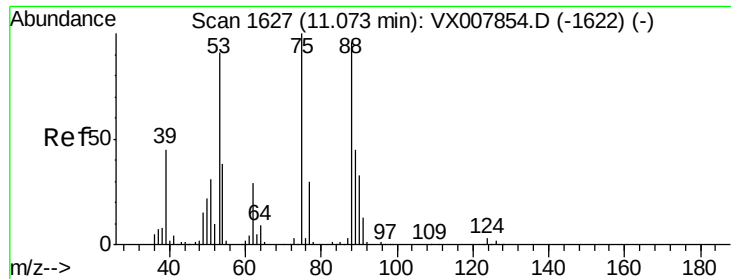
77 1.3 18.9 56.7#



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: 69.777 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007865.D

Acq: 06 Mar 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-TB-20190304

Tgt Ion: 75 Resp: 92973

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#

