

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007771.D
 Acq On : 28 Feb 2019 17:19
 Operator : JC/SP
 Sample : K1641-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-420-422

Quant Time: Mar 01 01:32:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	477907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	192037	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
35) Dibromofluoromethane	5.51	113	161585	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	615587	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	225245	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	730	0.219	ug/l	97
5) Bromomethane	1.65	94	563	Below Cal	#	76
6) Chloroethane	1.64	64	3205	1.506	ug/l #	56
7) Trichlorofluoromethane	1.94	101	2908	0.569	ug/l	88
11) Tert butyl alcohol	3.06	59	6165	8.246	ug/l #	82
12) 1,1-Dichloroethene	2.38	96	1046	0.376	ug/l	85
14) Allyl chloride	2.78	41	1347	0.262	ug/l #	24
15) Acrylonitrile	3.17	53	738	0.419	ug/l #	1
16) Acetone	2.45	43	5196	2.965	ug/l	93
18) Methyl Acetate	2.78	43	1601	0.419	ug/l #	79
20) Methylene Chloride	2.86	84	3041	0.940	ug/l #	90
22) Diisopropyl ether	3.87	45	15894	1.484	ug/l #	86
23) Vinyl Acetate	3.88	43	8965	0.954	ug/l #	71
24) 1,1-Dichloroethane	3.70	63	22488	3.863	ug/l	98
25) 2-Butanone	4.71	43	2531	0.948	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	11392	2.960	ug/l	98
30) Chloroform	5.21	83	2862	0.459	ug/l	94
31) Cyclohexane	5.58	56	5363	0.979	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	2184	0.424	ug/l #	46
36) 1,1-Dichloropropene	5.67	75	20594	4.564	ug/l #	47
38) Carbon Tetrachloride	5.67	117	28083	6.195	ug/l #	18
40) Benzene	6.15	78	408088	29.296	ug/l	99
42) 1,2-Dichloroethane	6.20	62	26189	5.594	ug/l	99
44) Trichloroethene	7.21	130	19684	5.137	ug/l	94
49) 1,4-Dioxane	7.76	88	193	2.210	ug/l #	20
53) t-1,3-Dichloropropene	9.05	75	20	2.806	ug/l #	1
59) 2-Hexanone	9.51	43	884	0.218	ug/l	69
60) Dibromochloromethane	9.34	129	16435	4.663	ug/l #	12
61) 1,2-Dibromoethane	9.68	107	1917	0.504	ug/l	85
64) Tetrachloroethene	9.34	164	18629	4.802	ug/l	95
69) o-Xylene	10.70	106	46660	7.282	ug/l	97
70) Styrene	10.70	104	2669	0.253	ug/l #	1
73) Isopropylbenzene	11.02	105	4404	0.269	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	107810	22.044	ug/l #	32

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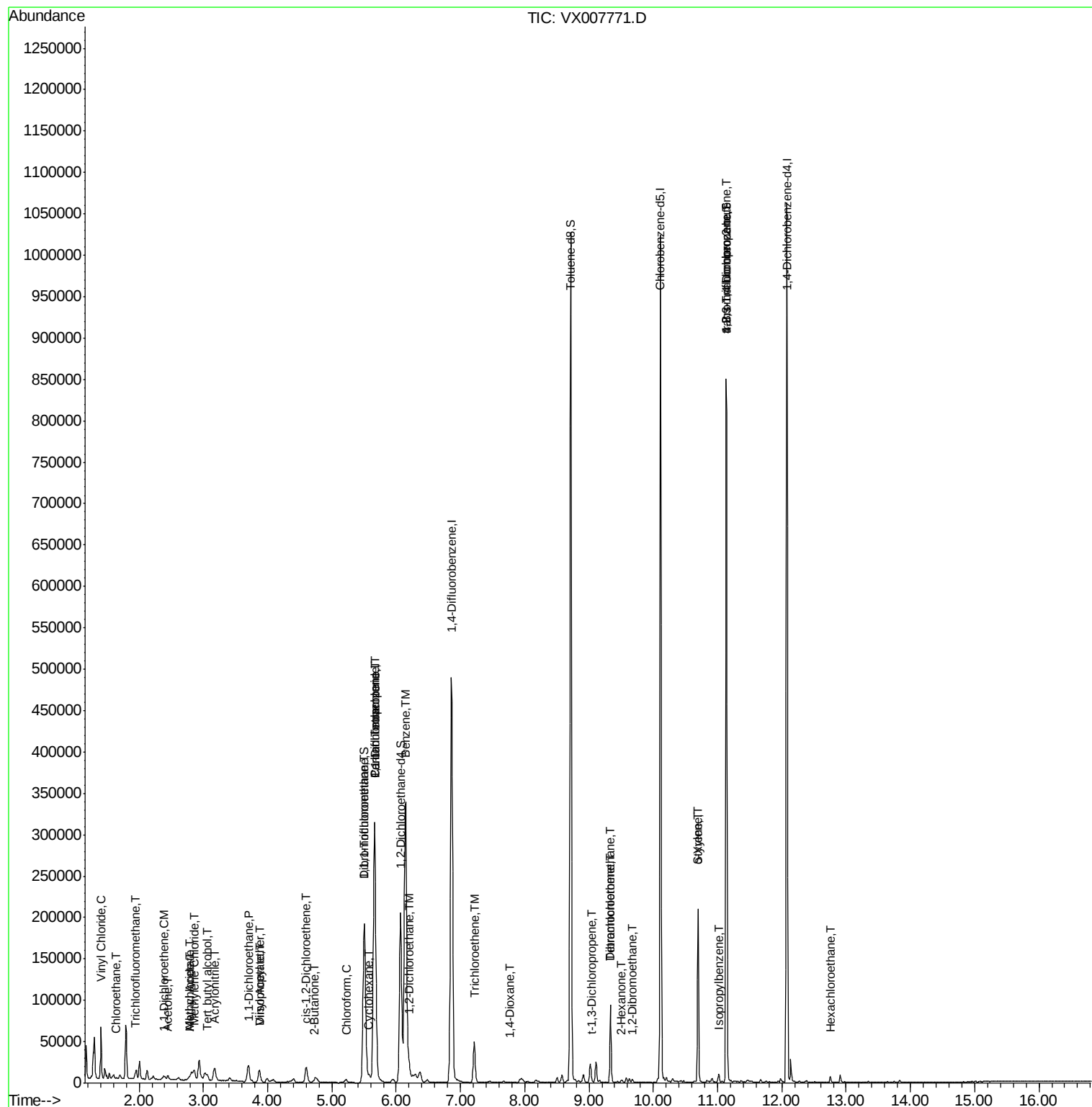
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	107810	58.526	ug/l #	9
90) Hexachloroethane	12.76	117	2590	1.082	ug/l #	5

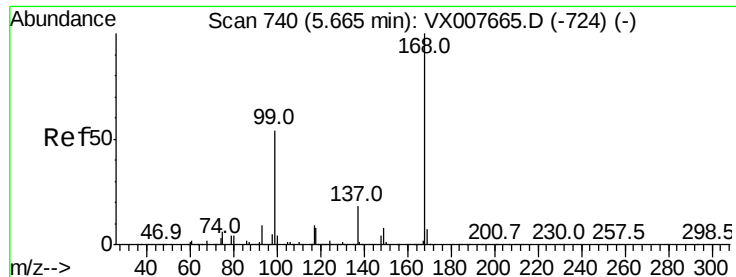
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

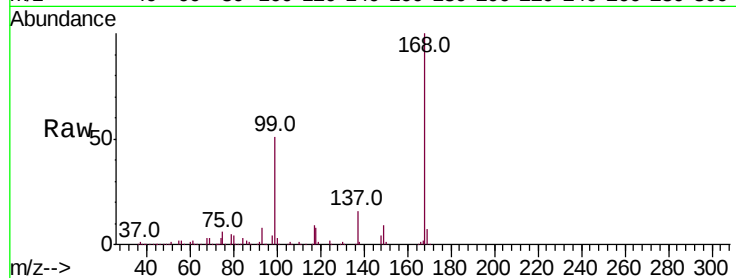
BP-VPB201-GW-420-422

Tot Ion:168 Resp: 318102

Ion Ratio Lower Upper

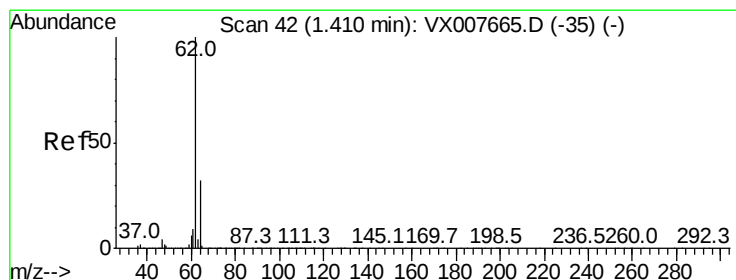
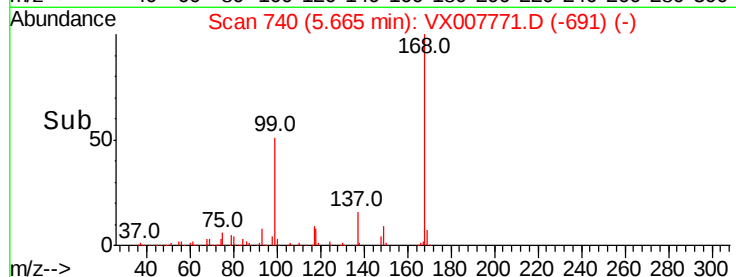
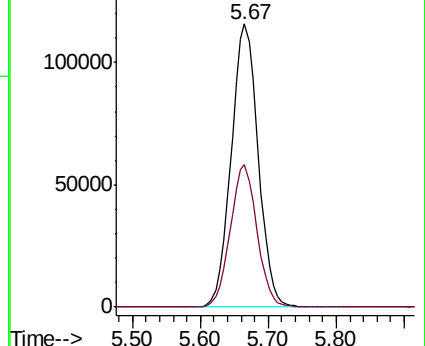
168 100

99 50.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.219 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007771.D

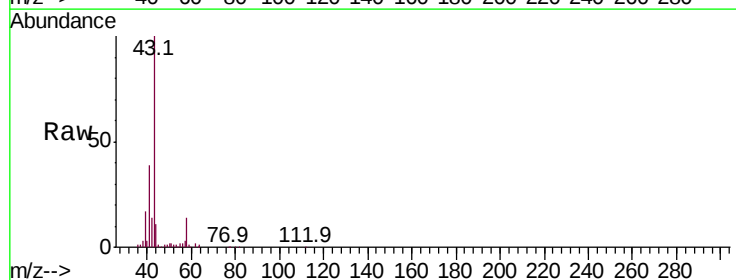
Acq: 28 Feb 2019 17:19

Tgt Ion: 62 Resp: 730

Ion Ratio Lower Upper

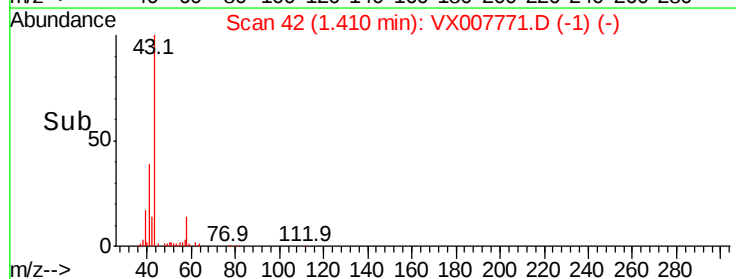
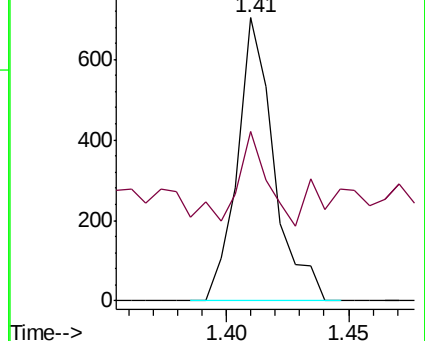
62 100

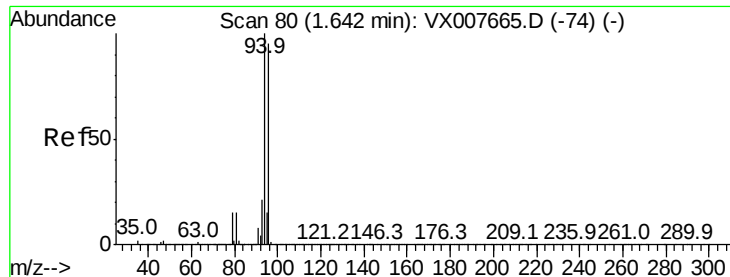
64 30.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

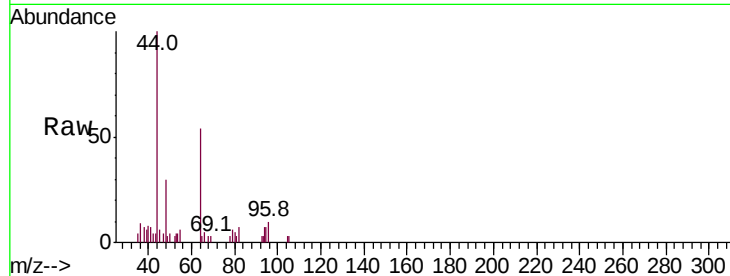
BP-VPB201-GW-420-422

Tot Ion: 94 Resp: 563

Ion Ratio Lower Upper

94 100

96 69.1 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

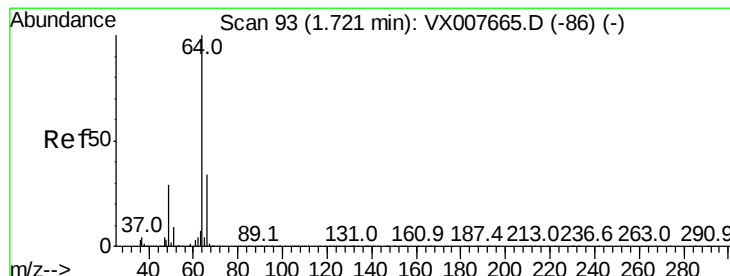
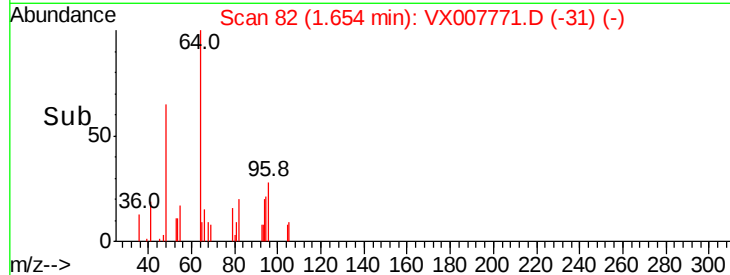
100

50

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 1.506 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.08 min

Lab File: VX007771.D

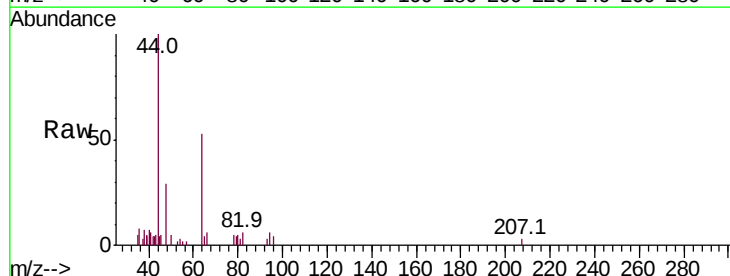
Acq: 28 Feb 2019 17:19

Tgt Ion: 64 Resp: 3205

Ion Ratio Lower Upper

64 100

66 7.4 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.64

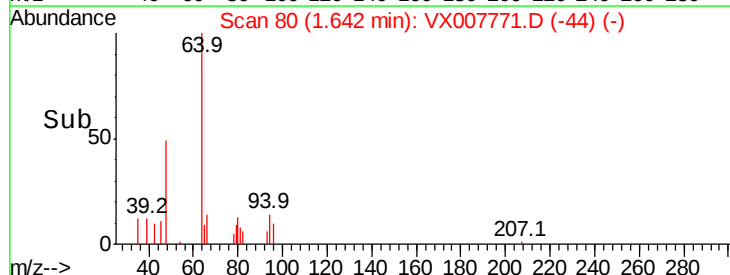
1000

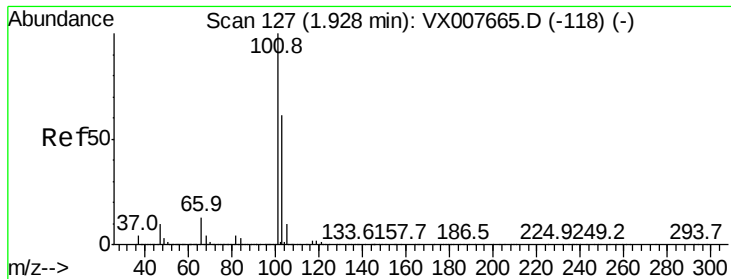
500

0

1.50 1.55 1.60 1.65

Time-->



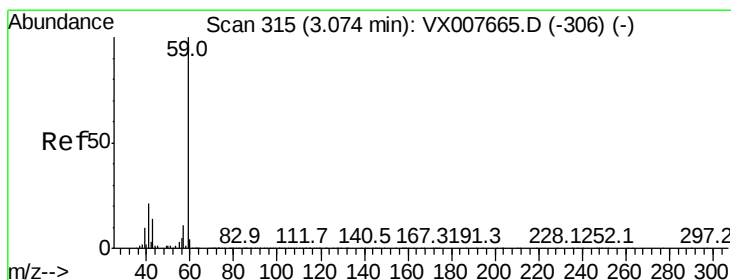
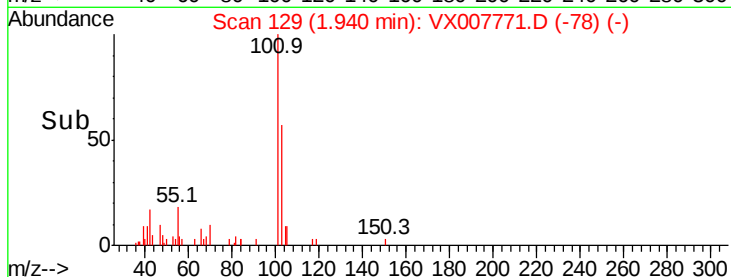
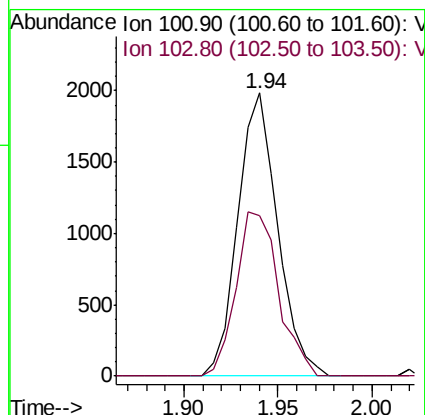
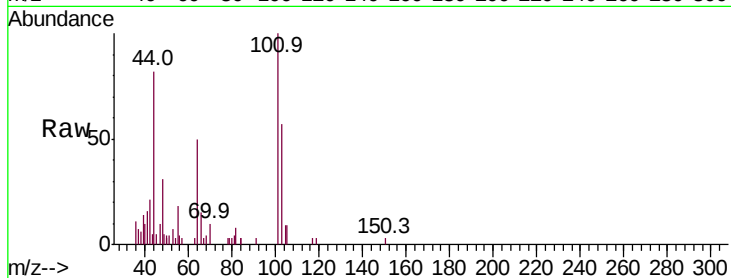


#7

Trichlorofluoromethane
Concen: 0.569 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-420-422

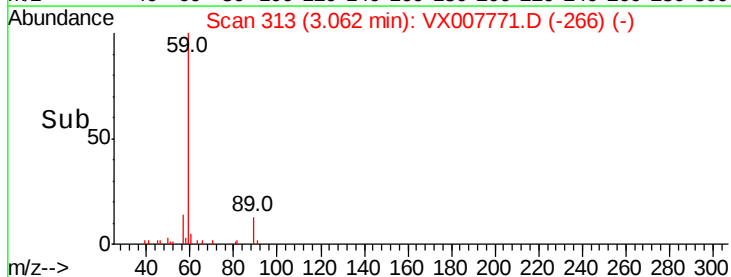
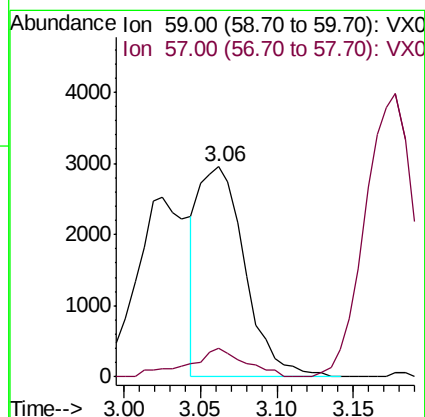
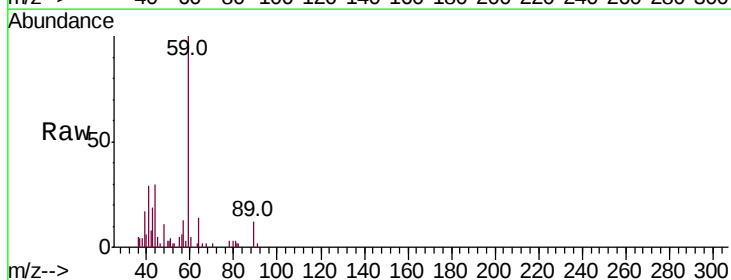
Tot Ion:101 Resp: 2908
Ion Ratio Lower Upper
101 100
103 56.5 52.6 79.0

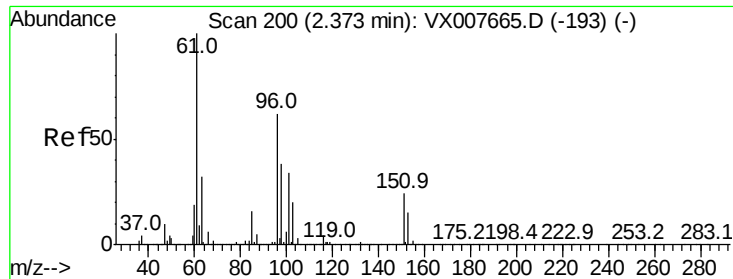


#11

Tert butyl alcohol
Concen: 8.246 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

Tgt Ion: 59 Resp: 6165
Ion Ratio Lower Upper
59 100
57 16.7 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 0.376 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

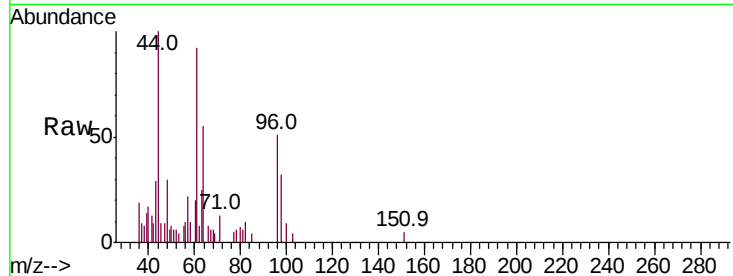
Tot Ion: 96 Resp: 1046

Ion Ratio Lower Upper

96 100

61 179.4 123.0 184.4

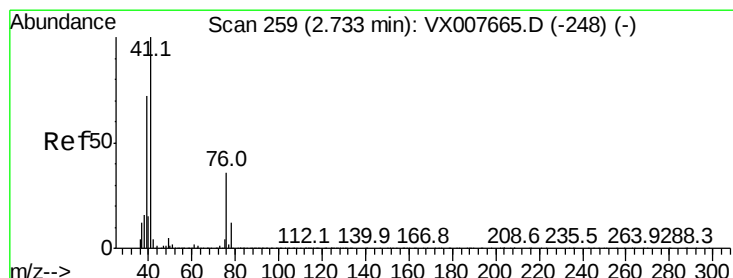
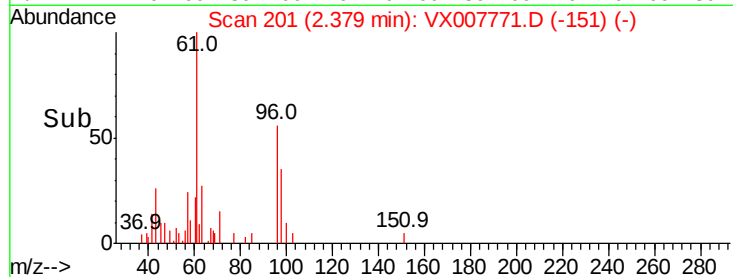
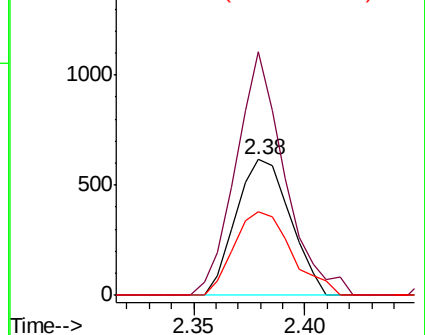
98 62.0 50.9 76.3



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



#14

Allyl chloride

Concen: 0.262 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.04 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

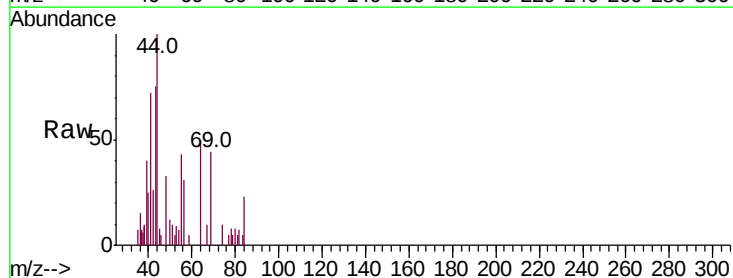
Tgt Ion: 41 Resp: 1347

Ion Ratio Lower Upper

41 100

39 0.0 54.1 81.1#

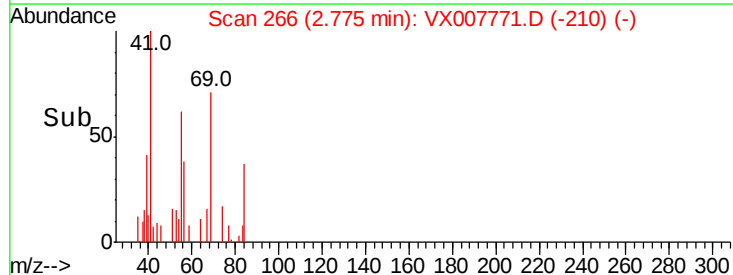
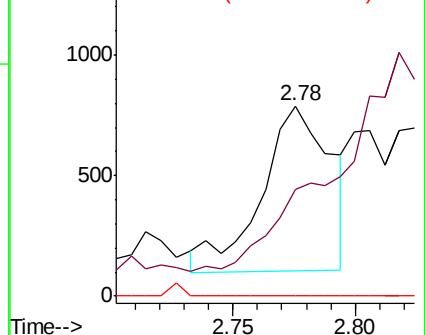
76 0.0 27.8 41.8#

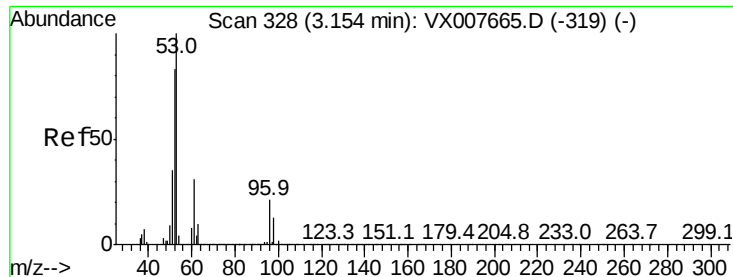


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.419 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007771.D

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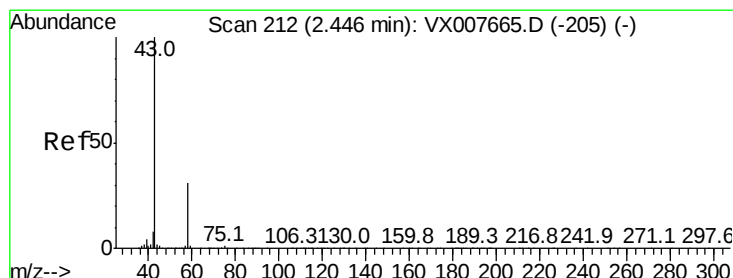
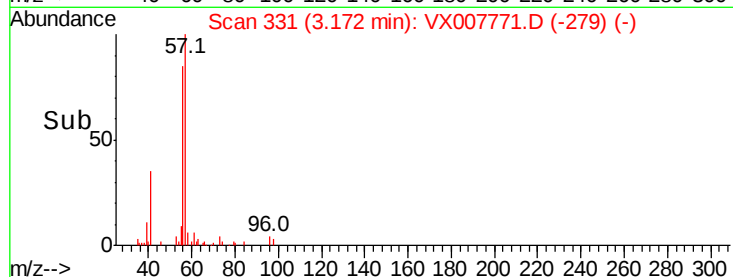
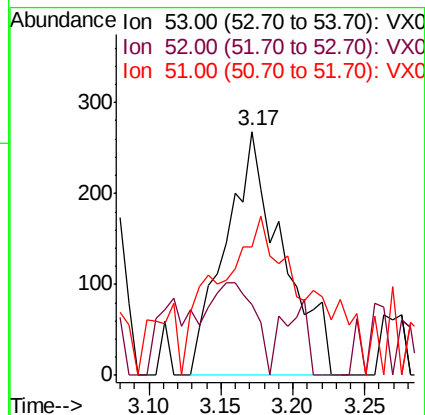
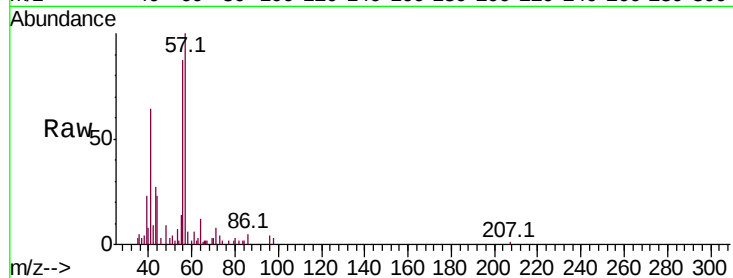
Tot Ion: 53 Resp: 738

Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 102.2 28.4 42.6#



#16

Acetone

Concen: 2.965 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007771.D

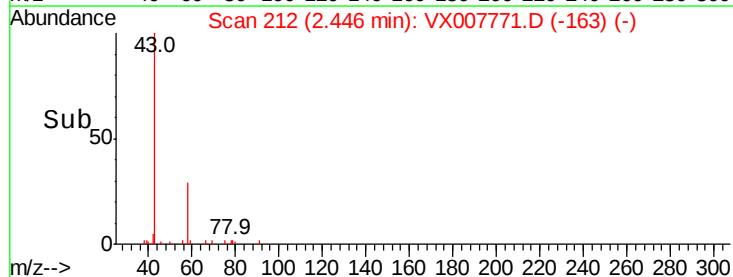
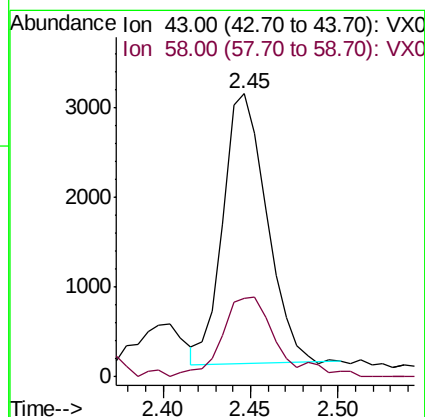
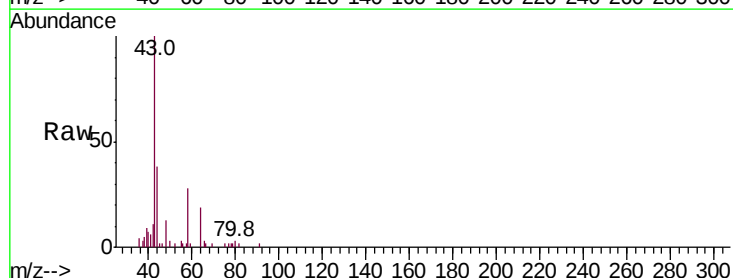
Acq: 28 Feb 2019 17:19

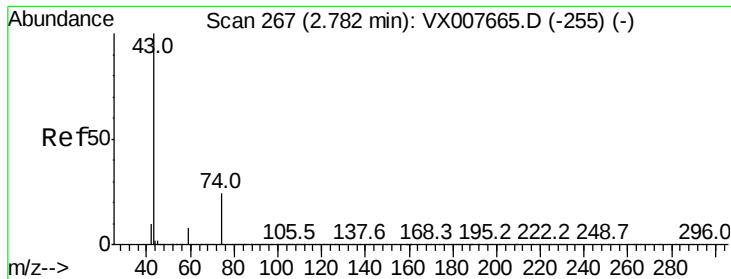
Tgt Ion: 43 Resp: 5196

Ion Ratio Lower Upper

43 100

58 27.5 24.9 37.3

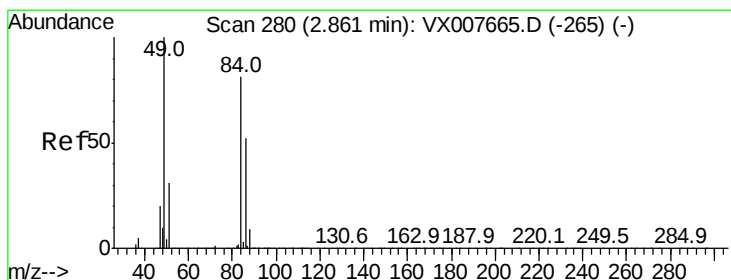
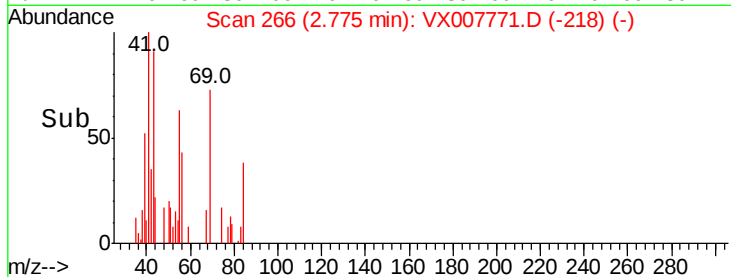
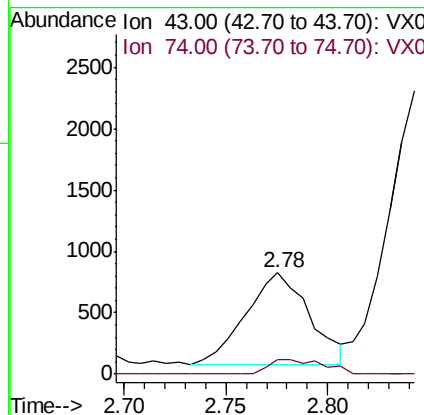
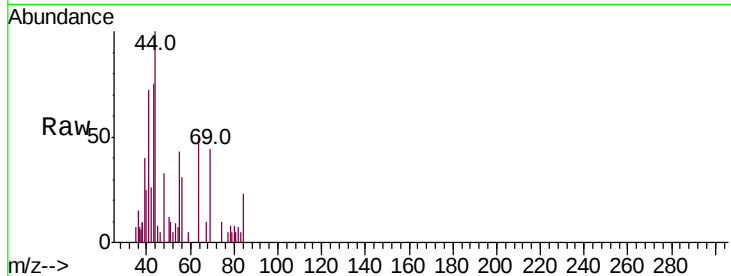




#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

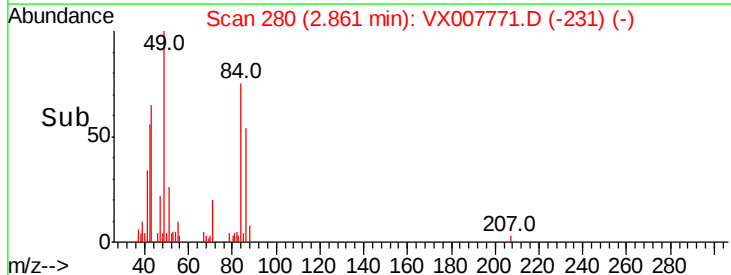
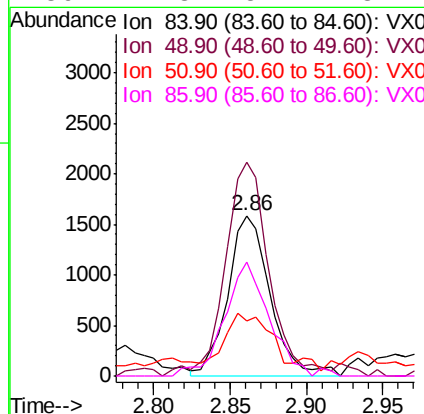
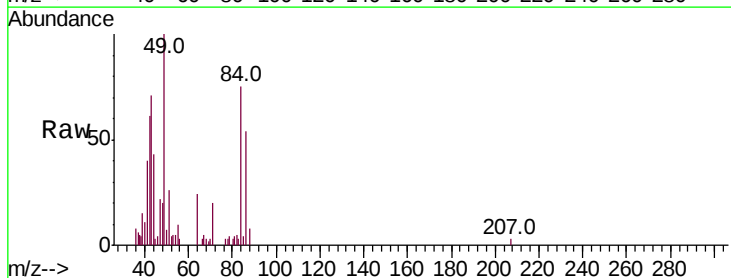
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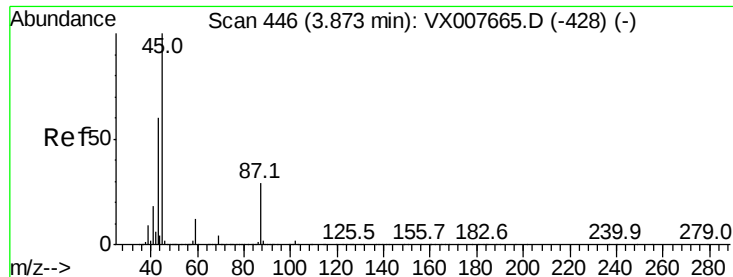
Tot Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
74 13.9 19.4 29.2#



#20
Methylene Chloride
Concen: 0.940 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

Tgt Ion: 84 Resp: 3041
Ion Ratio Lower Upper
84 100
49 129.3 94.8 142.2
51 26.6 29.8 44.8#
86 71.3 54.1 81.1





#22

Diisopropyl ether

Concen: 1.484 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

Tot Ion: 45 Resp: 15894

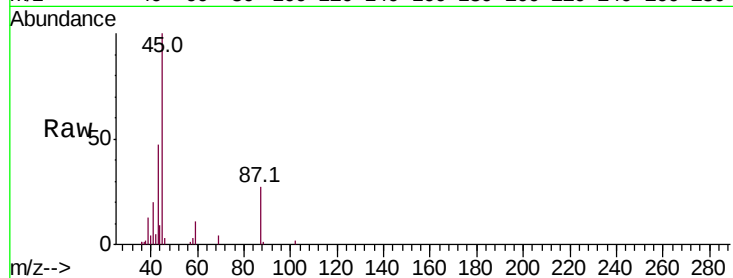
Ion Ratio Lower Upper

45 100

43 45.7 48.9 73.3#

87 27.0 23.9 35.9

59 10.6 9.6 14.4

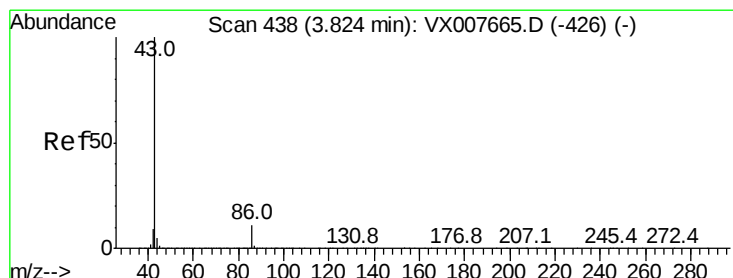
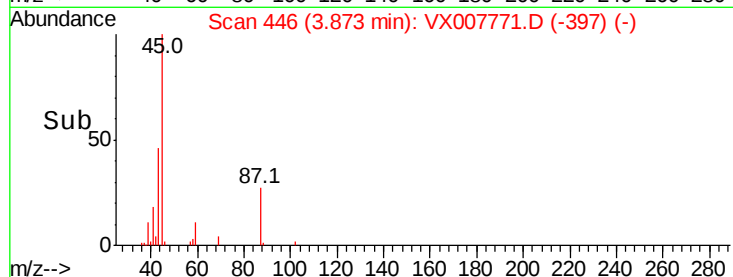
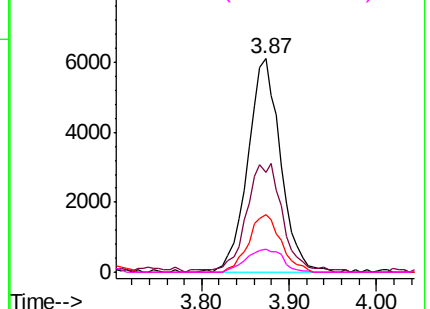


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 0.954 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.05 min

Lab File: VX007771.D

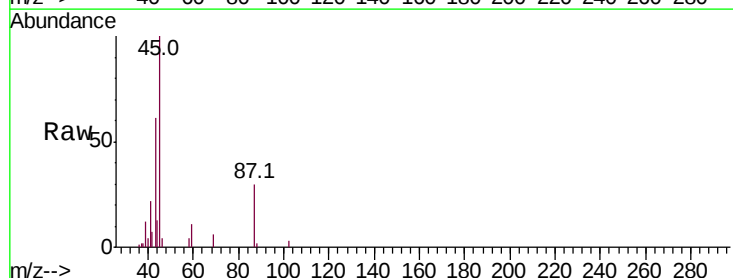
Acq: 28 Feb 2019 17:19

Tgt Ion: 43 Resp: 8965

Ion Ratio Lower Upper

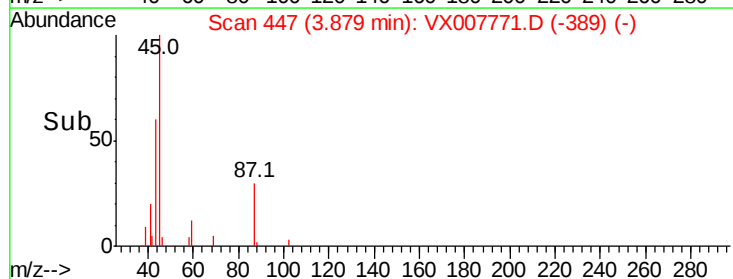
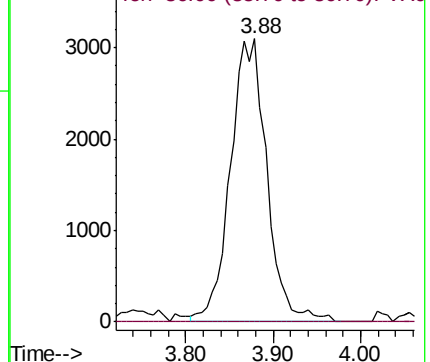
43 100

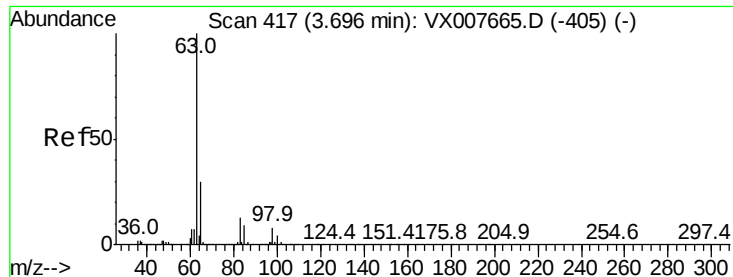
86 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 3.863 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

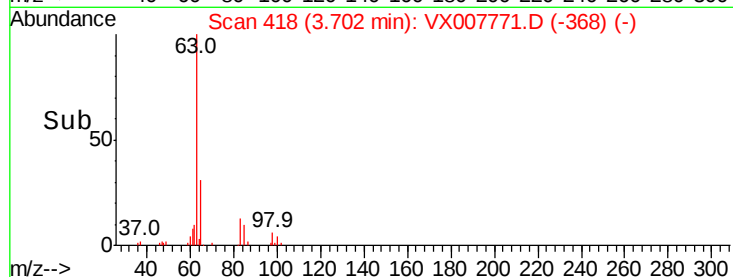
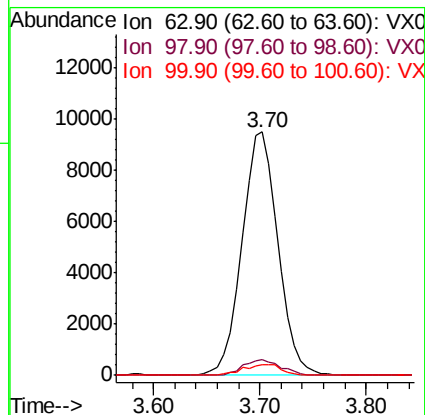
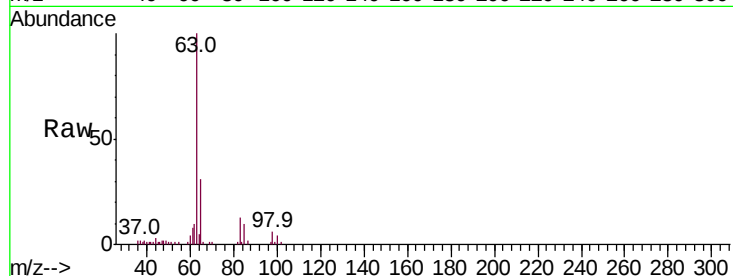
Tot Ion: 63 Resp: 22488

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.3 2.5 7.4



#25

2-Butanone

Concen: 0.948 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX007771.D

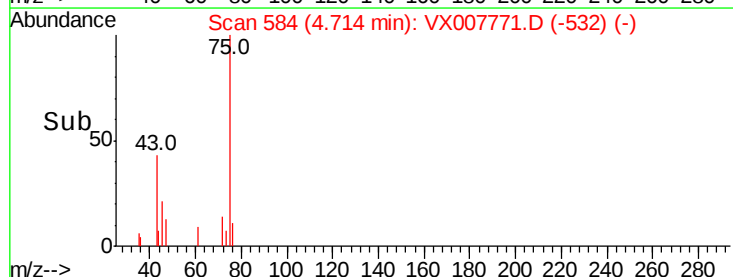
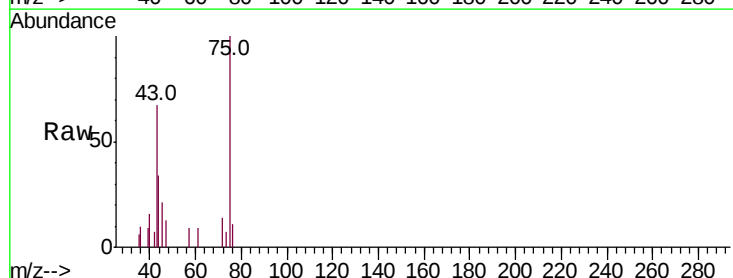
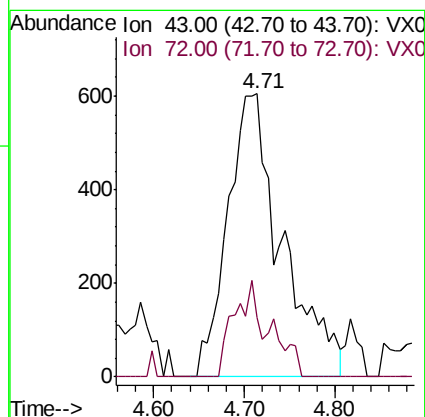
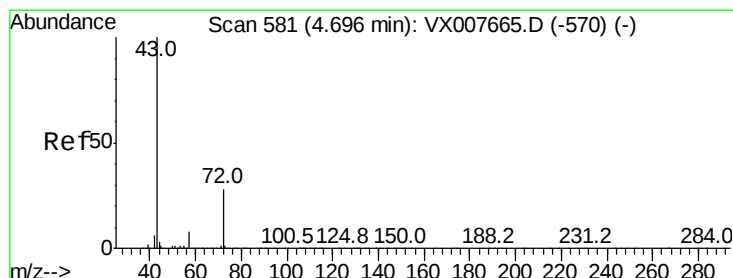
Acq: 28 Feb 2019 17:19

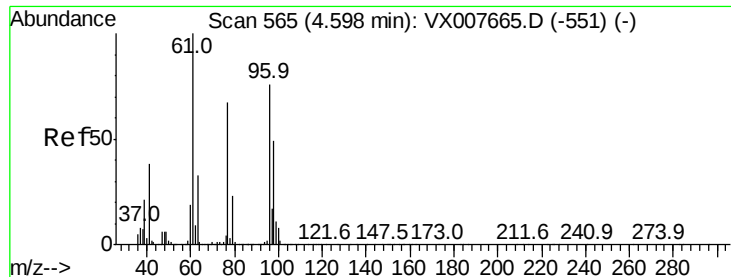
Tgt Ion: 43 Resp: 2531

Ion Ratio Lower Upper

43 100

72 21.2 22.2 33.2#



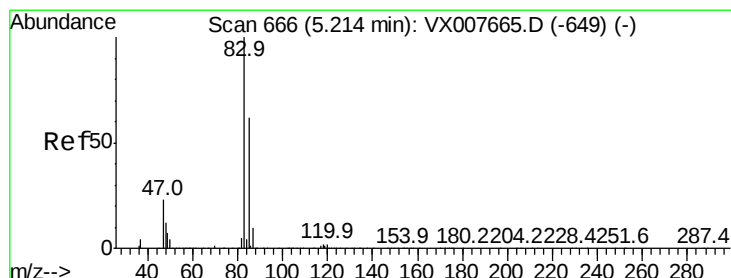
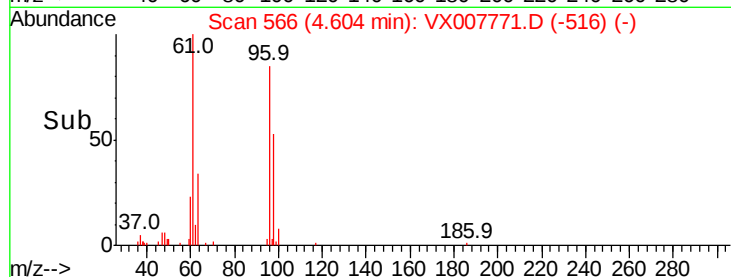
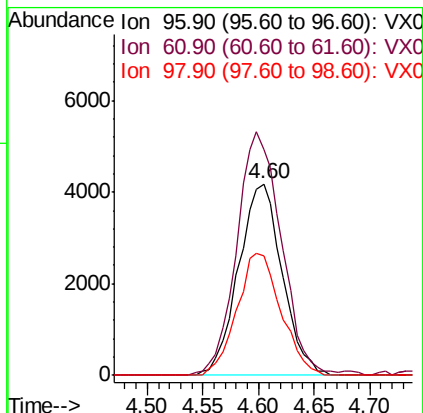
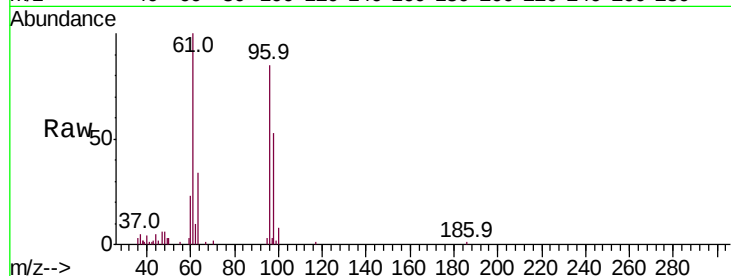


#27

cis-1,2-Dichloroethene
 Concen: 2.960 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007771.D
 Acq: 28 Feb 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-420-422

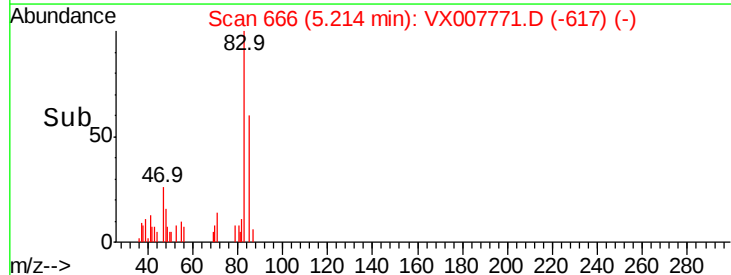
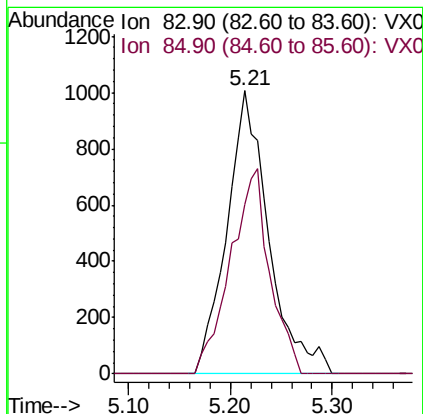
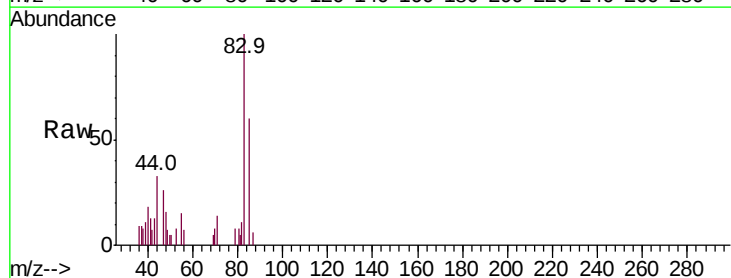
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	265.6
98	64.0	0.0	131.6

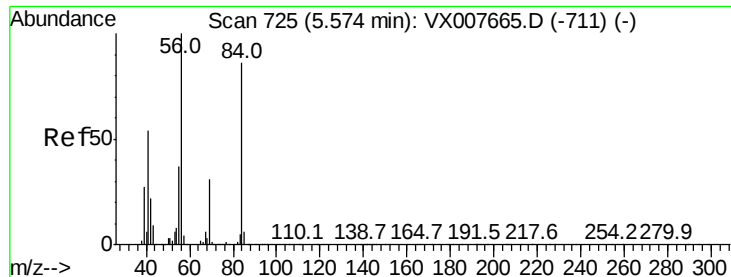


#30

Chloroform
 Concen: 0.459 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VX007771.D
 Acq: 28 Feb 2019 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.9	51.6	77.4

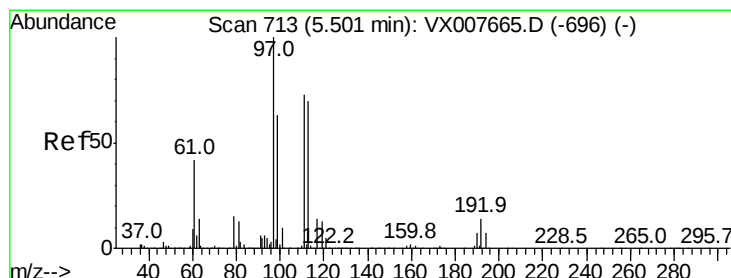
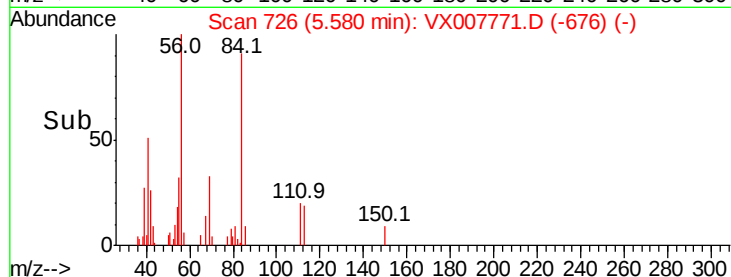
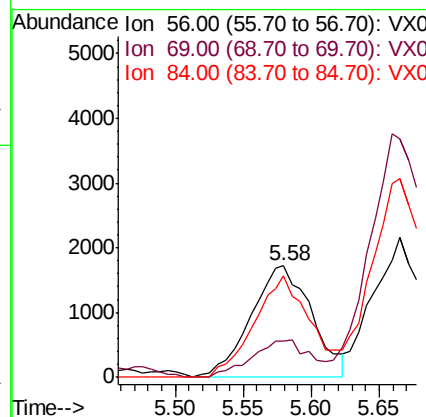
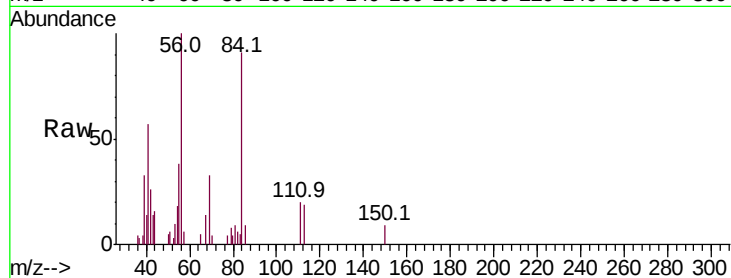




#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

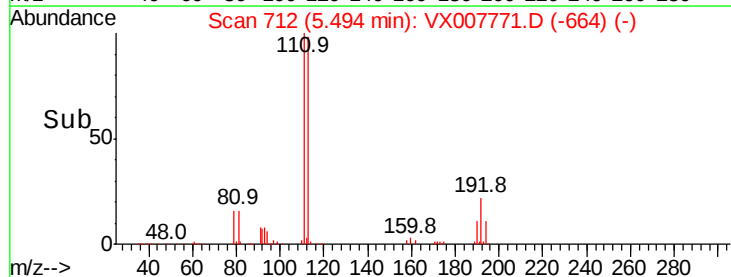
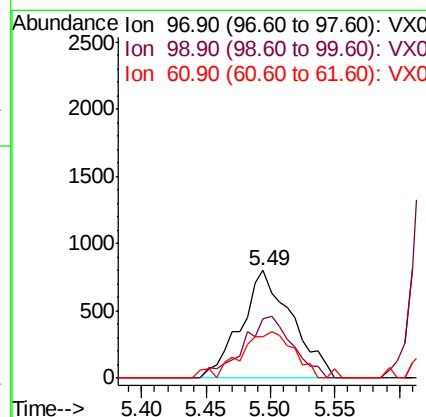
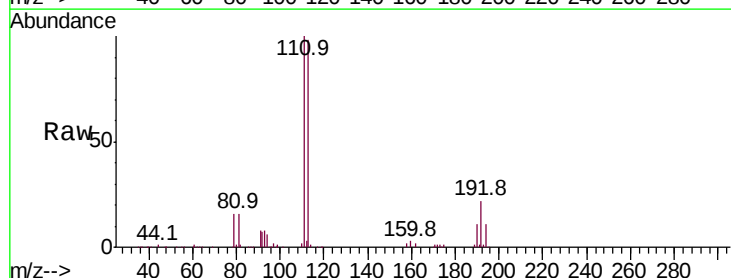
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-420-422

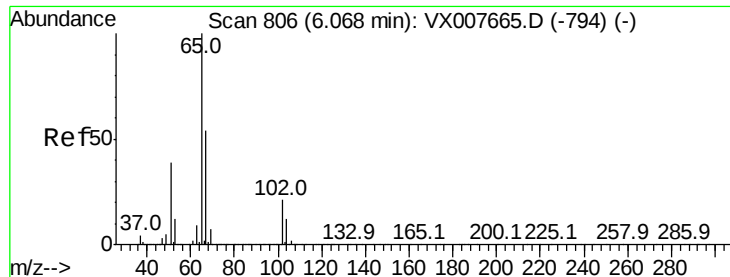
Tot Ion: 56 Resp: 5363
Ion Ratio Lower Upper
56 100
69 33.0 23.0 34.6
84 91.1 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 0.424 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

Tgt Ion: 97 Resp: 2184
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 45.8 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.737 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

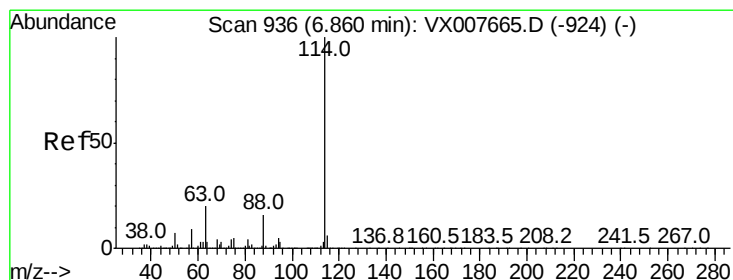
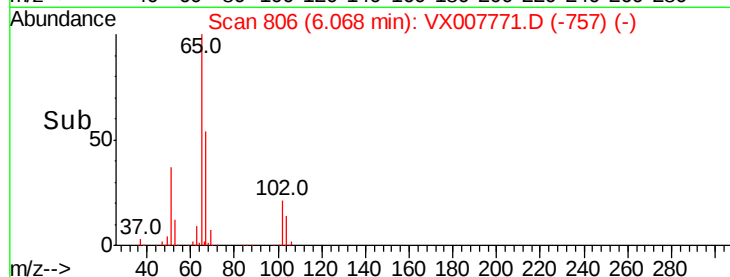
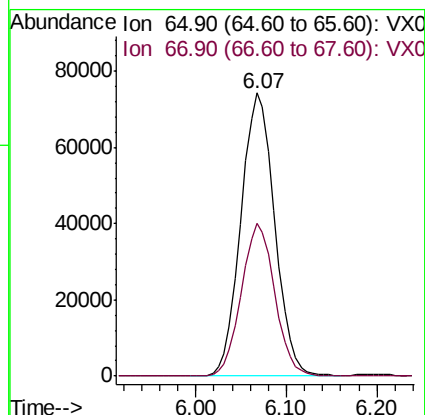
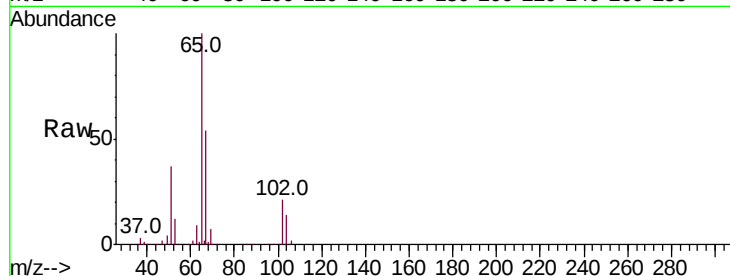
BP-VPB201-GW-420-422

Tot Ion: 65 Resp: 192037

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

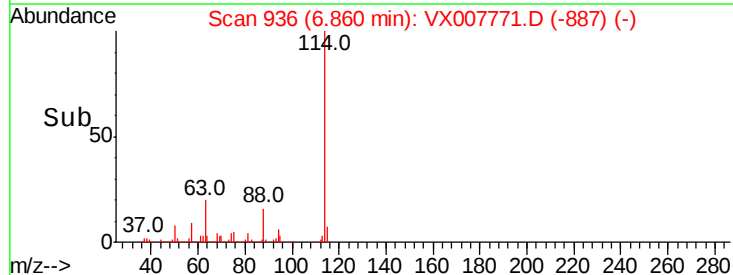
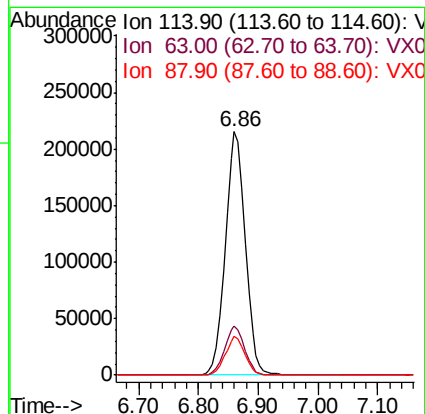
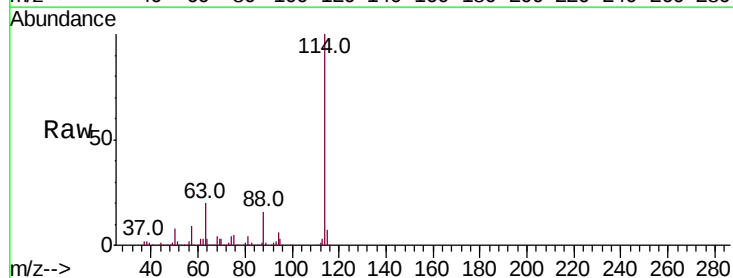
Tgt Ion: 114 Resp: 501923

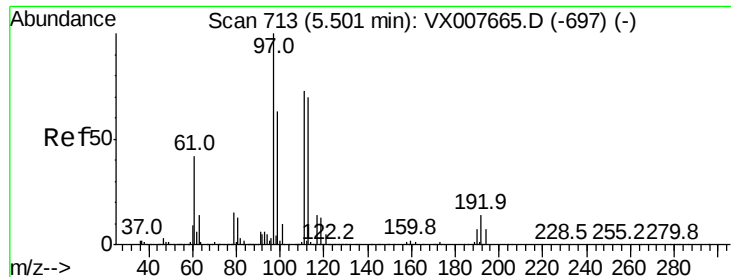
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.160 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

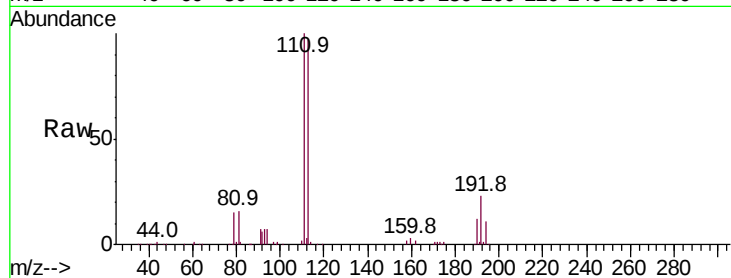
Tot Ion:113 Resp: 161585

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

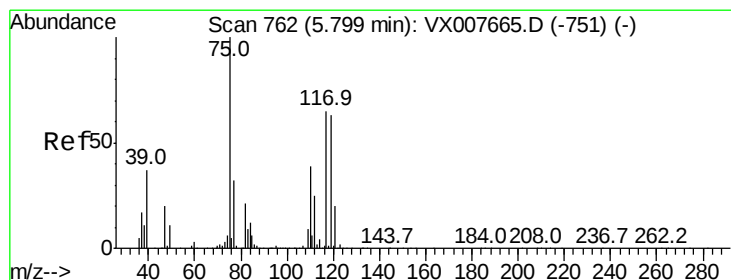
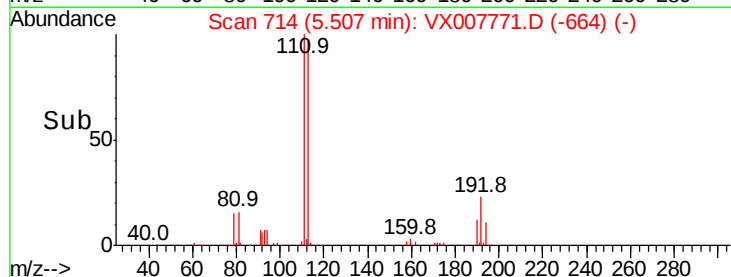
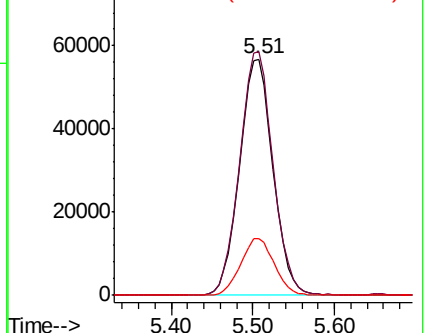
192 24.2 18.5 27.7



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: 4.564 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

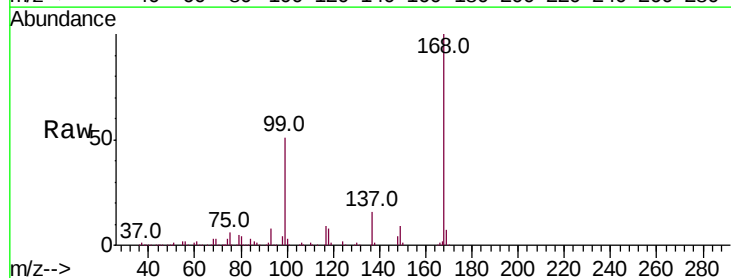
Tgt Ion: 75 Resp: 20594

Ion Ratio Lower Upper

75 100

110 9.0 20.0 59.9#

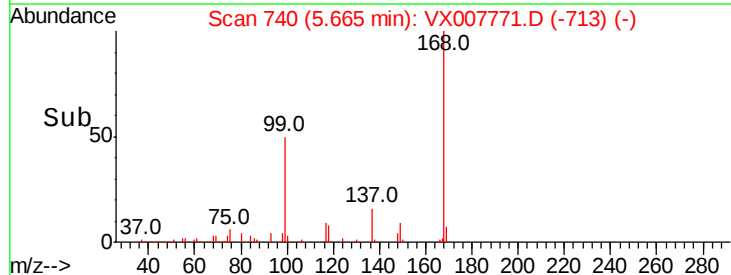
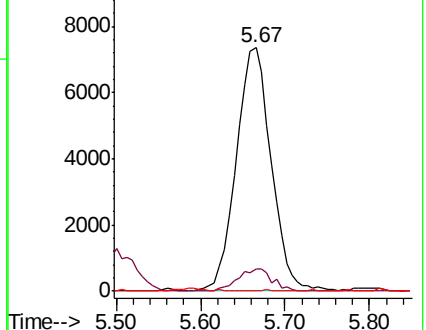
77 0.0 24.7 37.1#

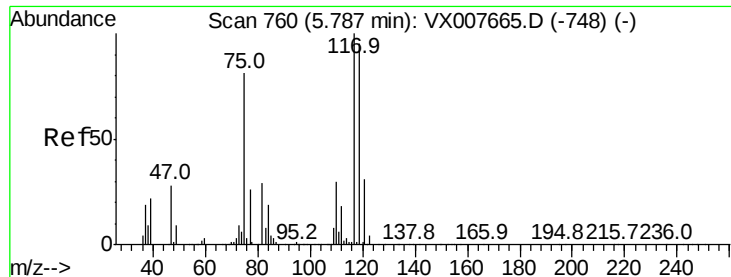


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.195 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

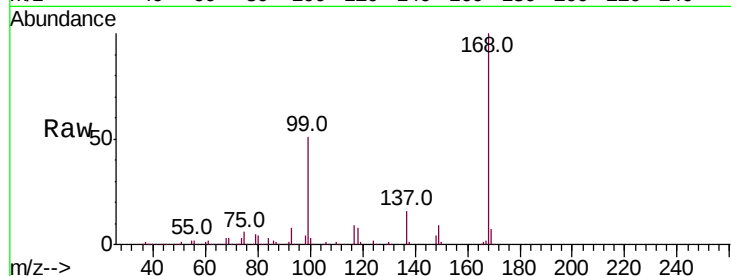
Tot Ion:117 Resp: 28083

Ion Ratio Lower Upper

117 100

119 6.2 75.3 112.9#

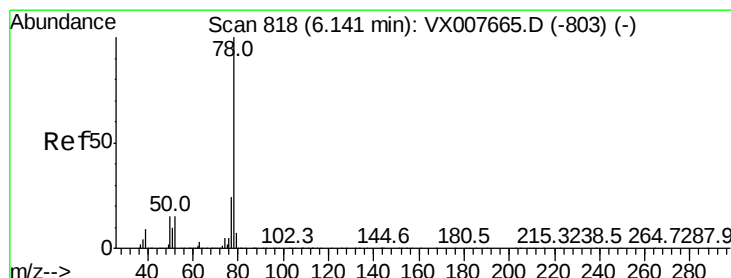
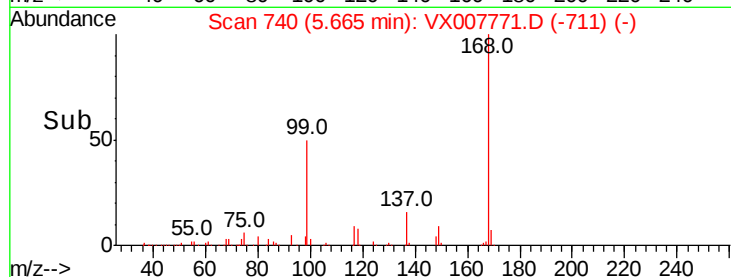
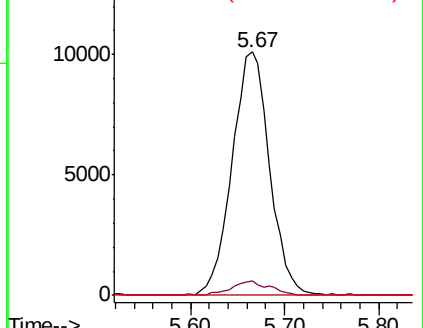
121 0.0 25.0 37.4#



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



#40

Benzene

Concen: 29.296 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007771.D

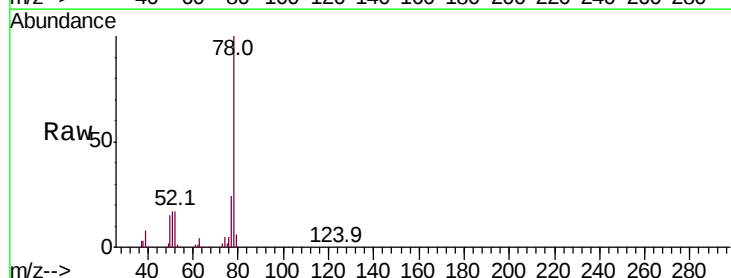
Acq: 28 Feb 2019 17:19

Tgt Ion: 78 Resp: 408088

Ion Ratio Lower Upper

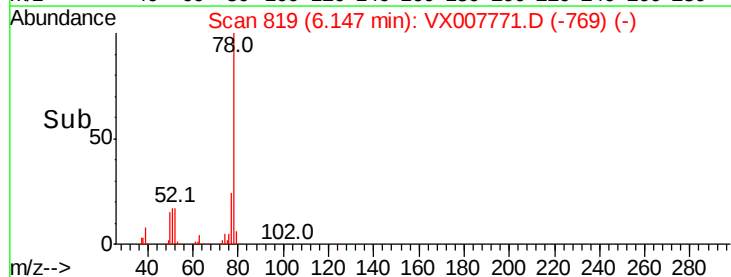
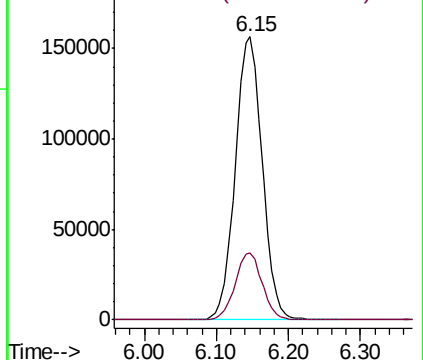
78 100

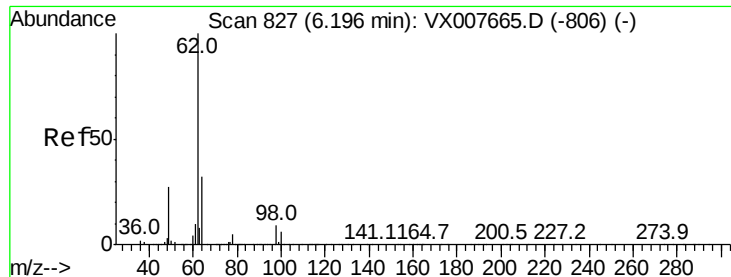
77 23.8 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 5.594 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

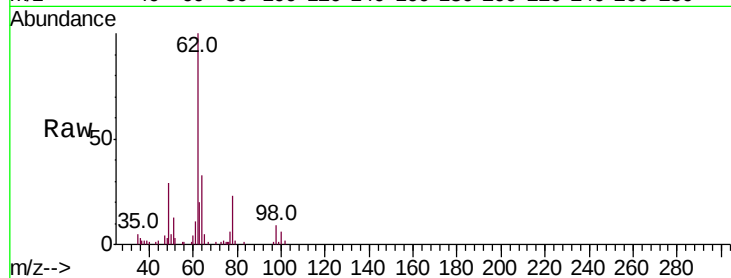
BP-VPB201-GW-420-422

Tot Ion: 62 Resp: 26189

Ion Ratio Lower Upper

62 100

98 9.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.20

10000

8000

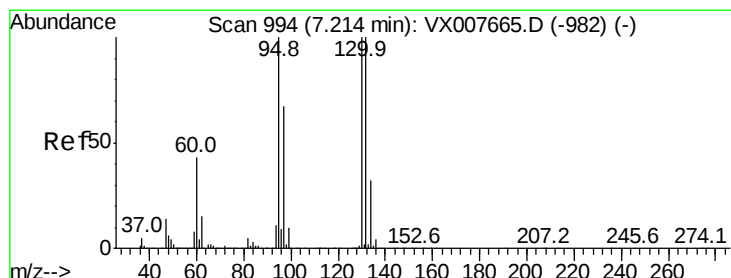
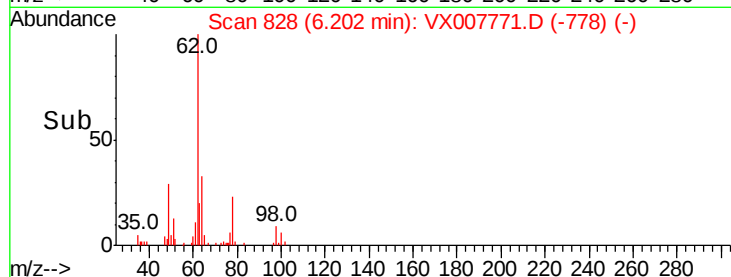
6000

4000

2000

0

Time--> 6.00 6.10 6.20 6.30



#44

Trichloroethene

Concen: 5.137 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007771.D

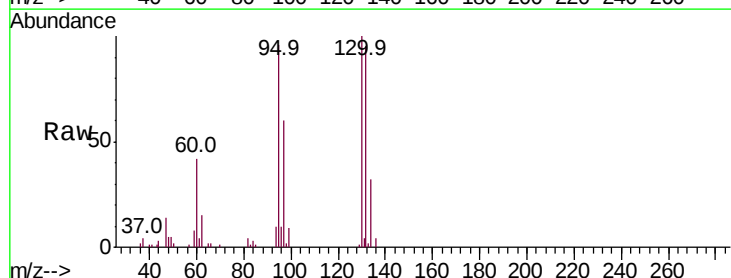
Acq: 28 Feb 2019 17:19

Tgt Ion:130 Resp: 19684

Ion Ratio Lower Upper

130 100

95 95.6 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

10000

8000

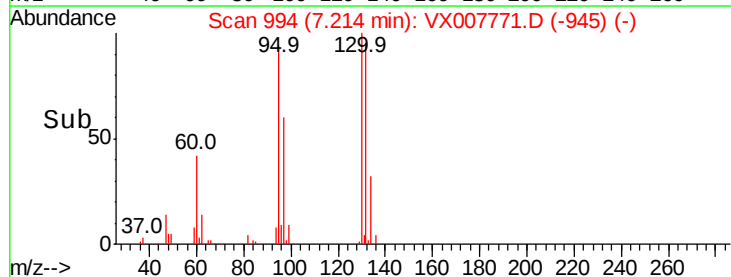
6000

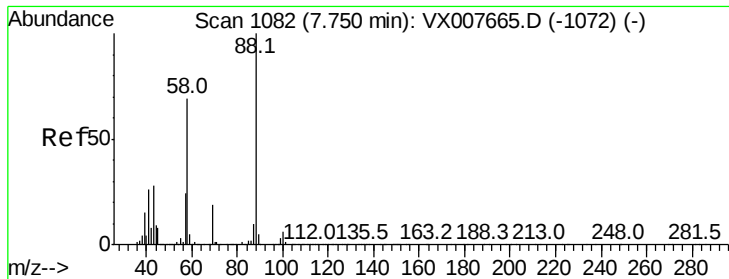
4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30





#49

1,4-Dioxane

Concen: 2.210 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

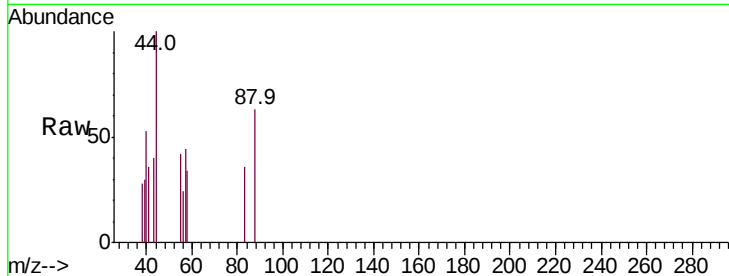
Tot Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 87.6 24.2 36.4#

58 120.2 53.0 79.4#



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

7.76

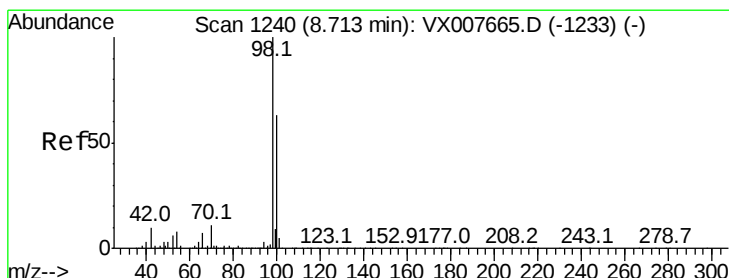
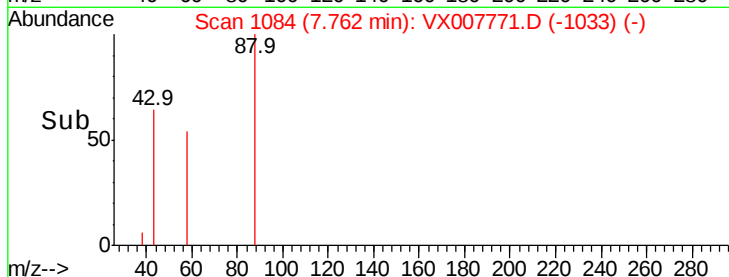
150

100

50

0

Time--> 7.72 7.74 7.76 7.78 7.80



#50

Toluene-d8

Concen: 47.924 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007771.D

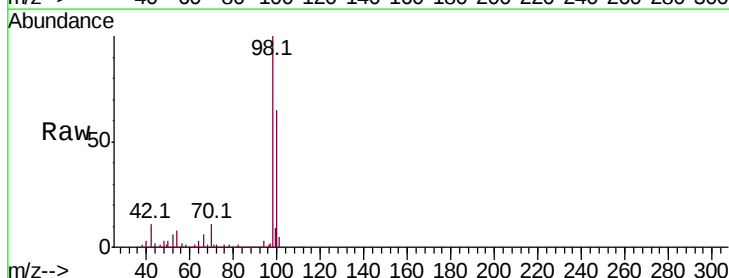
Acq: 28 Feb 2019 17:19

Tgt Ion: 98 Resp: 615587

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

400000

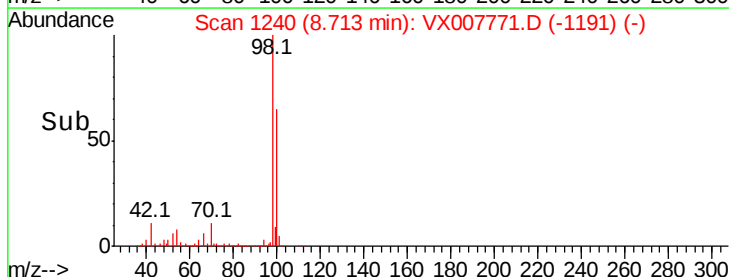
300000

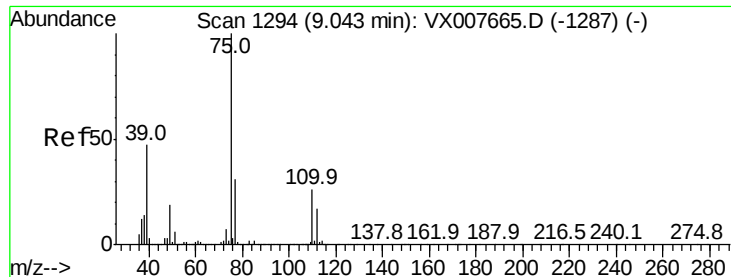
200000

100000

0

Time--> 8.60 8.70 8.80





#53

t-1,3-Dichloropropene

Concen: 2.806 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

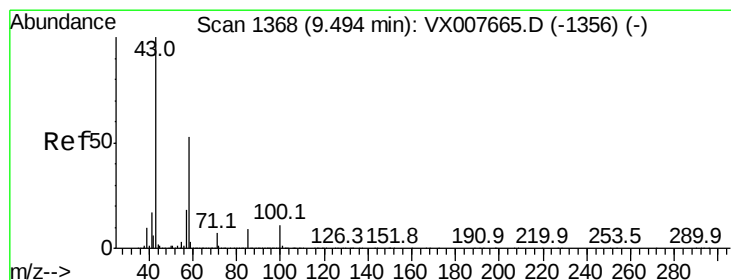
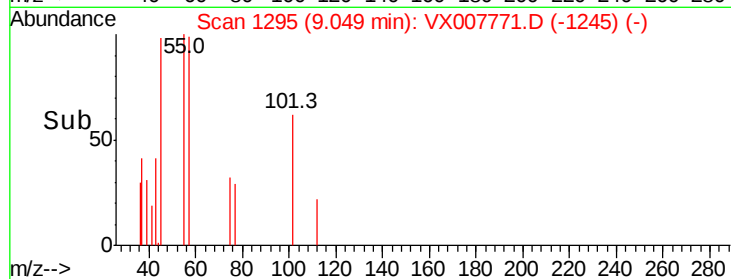
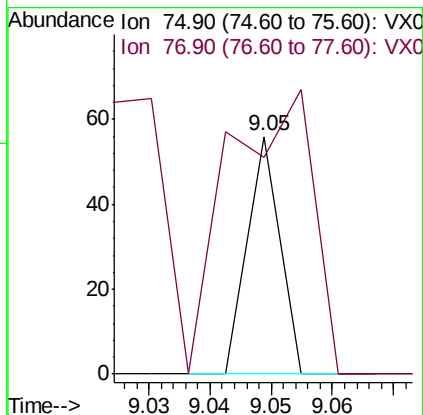
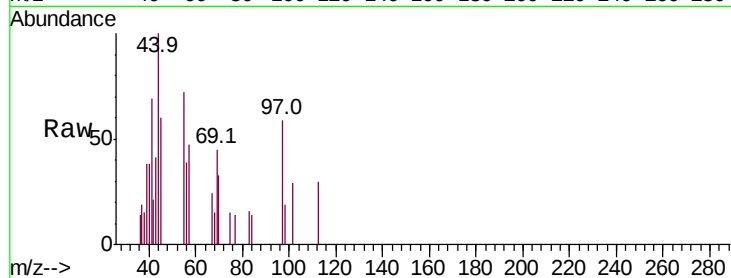
BP-VPB201-GW-420-422

Tot Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 91.1 25.2 37.8#



#59

2-Hexanone

Concen: 0.218 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VX007771.D

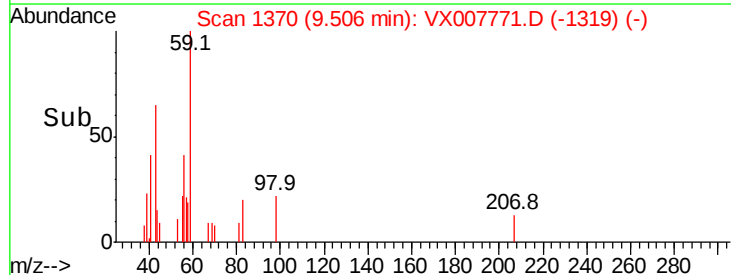
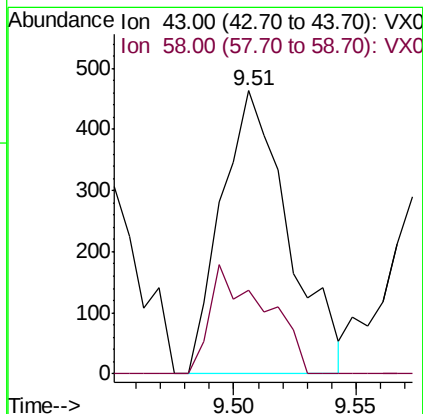
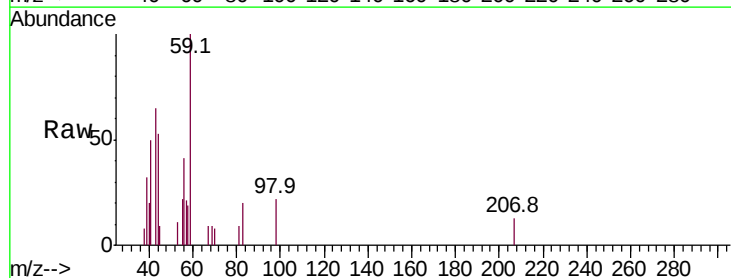
Acq: 28 Feb 2019 17:19

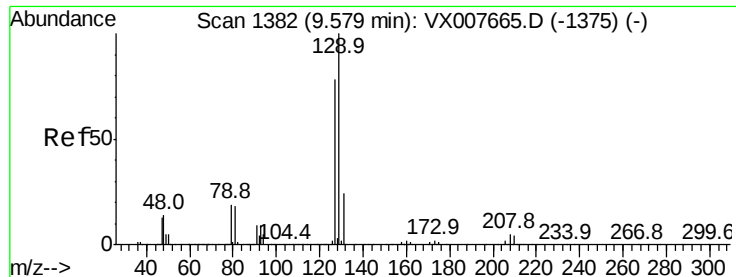
Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

58 32.0 27.1 81.3





#60

Dibromochloromethane

Concen: 4.663 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

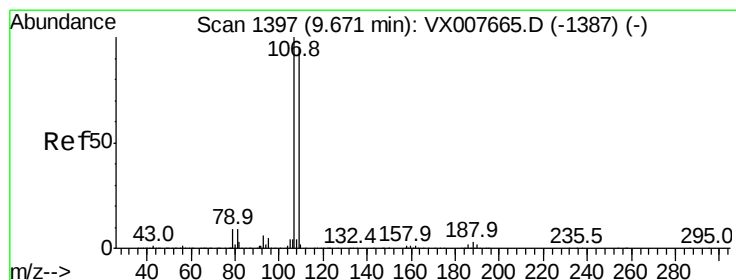
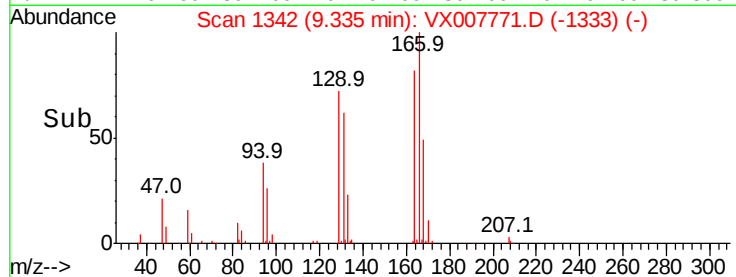
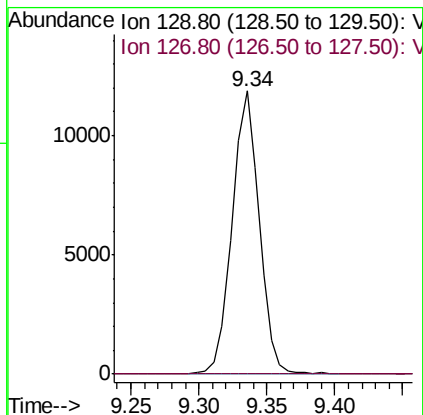
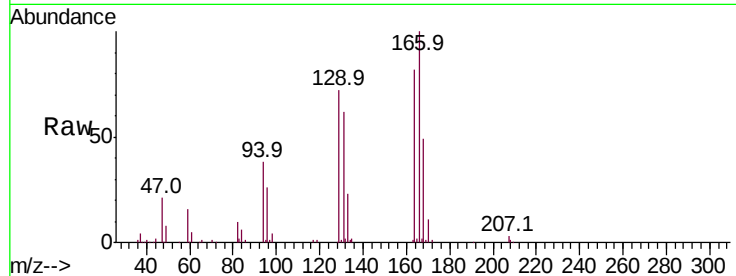
BP-VPB201-GW-420-422

Tot Ion:129 Resp: 16435

Ion Ratio Lower Upper

129 100

127 0.0 37.8 113.4#



#61

1,2-Dibromoethane

Concen: 0.504 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX007771.D

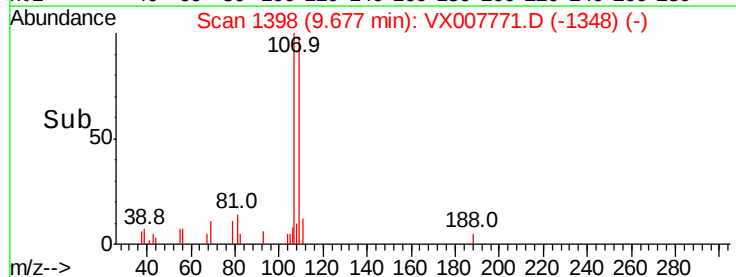
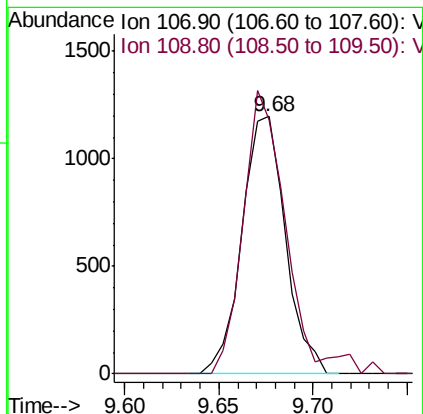
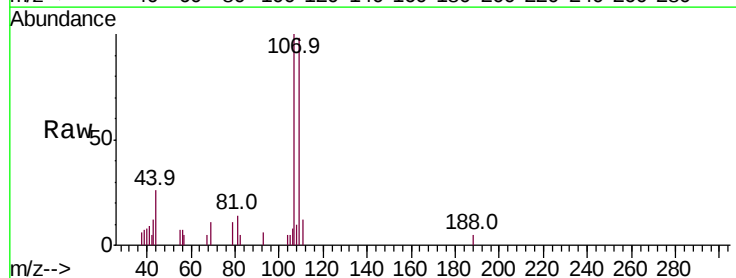
Acq: 28 Feb 2019 17:19

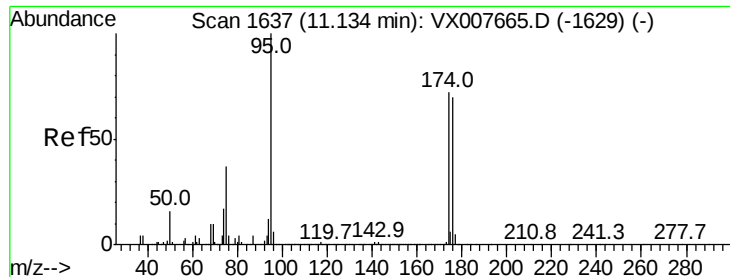
Tgt Ion:107 Resp: 1917

Ion Ratio Lower Upper

107 100

109 108.7 75.1 112.7





#62

4-Bromofluorobenzene

Concen: 47.776 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

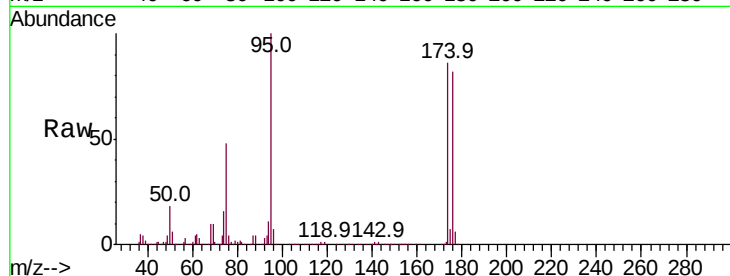
Tot Ion: 95 Resp: 225245

Ion Ratio Lower Upper

95 100

174 91.6 0.0 189.2

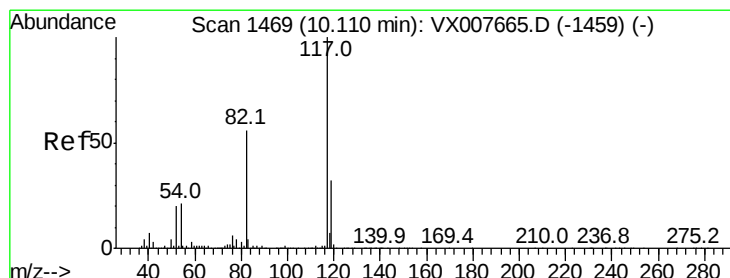
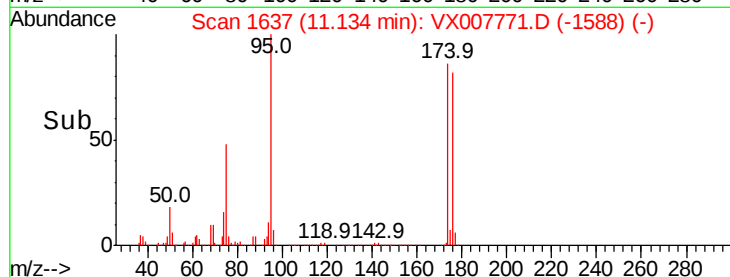
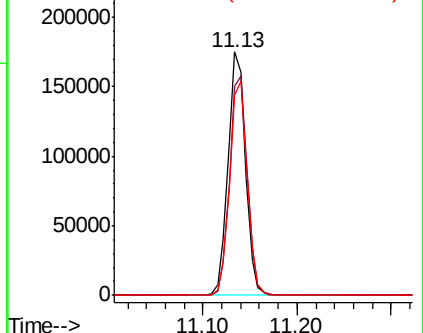
176 88.7 0.0 186.2



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

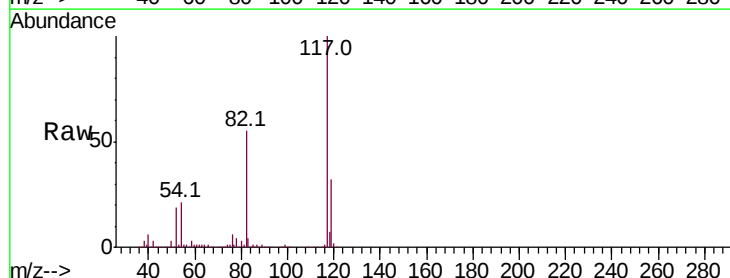
Tgt Ion: 117 Resp: 477907

Ion Ratio Lower Upper

117 100

82 55.4 42.1 63.1

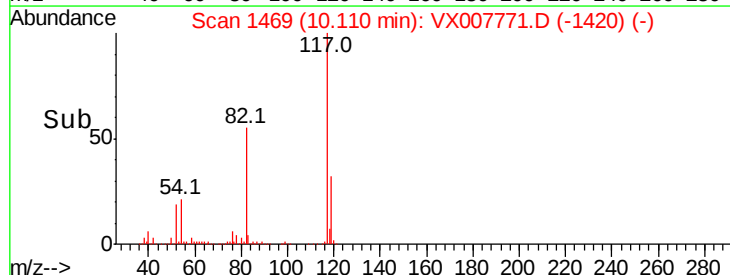
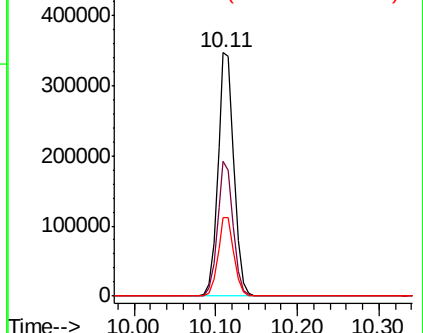
119 32.1 26.5 39.7

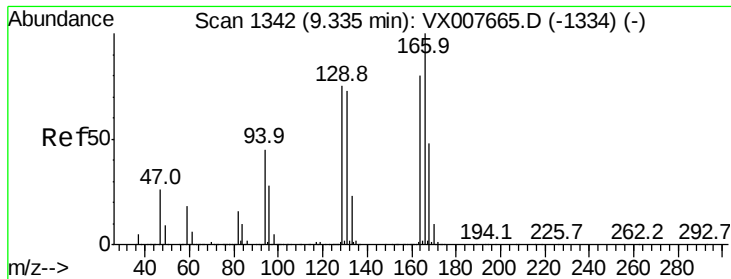


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 4.802 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

Tot Ion:164 Resp: 18629

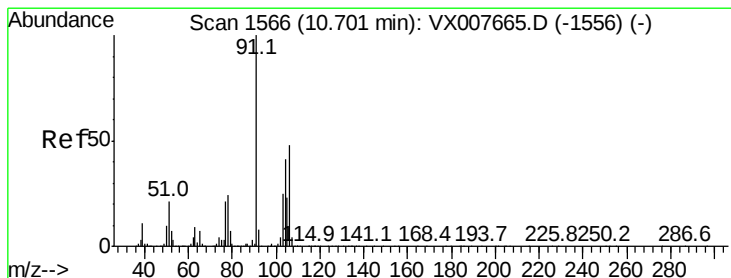
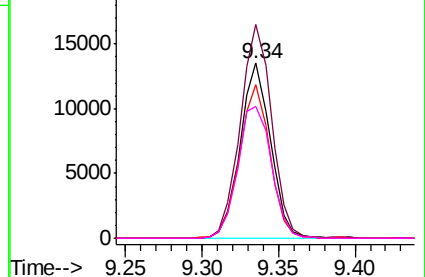
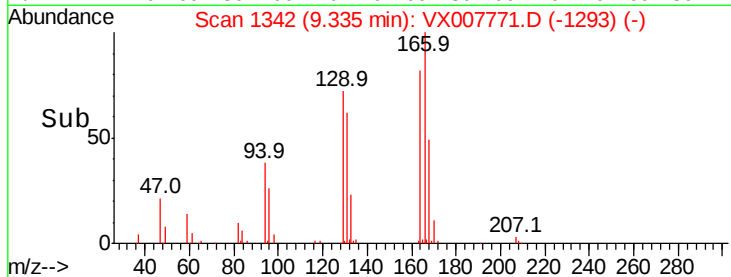
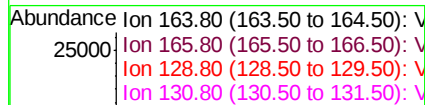
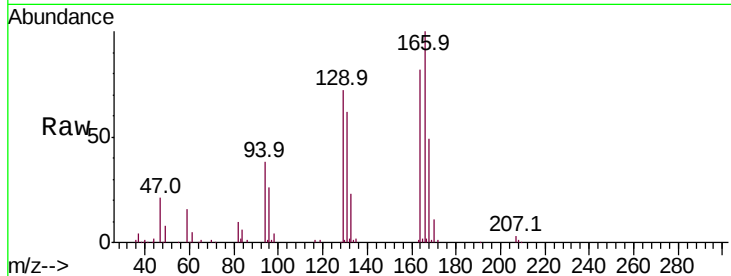
Ion Ratio Lower Upper

164 100

166 121.9 101.0 151.4

129 87.7 70.5 105.7

131 75.6 69.8 104.6



#69

o-Xylene

Concen: 7.282 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007771.D

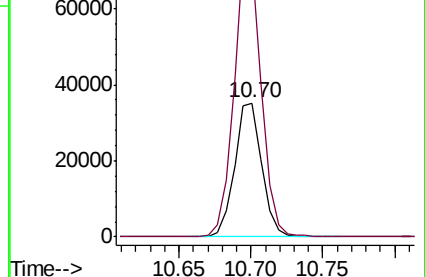
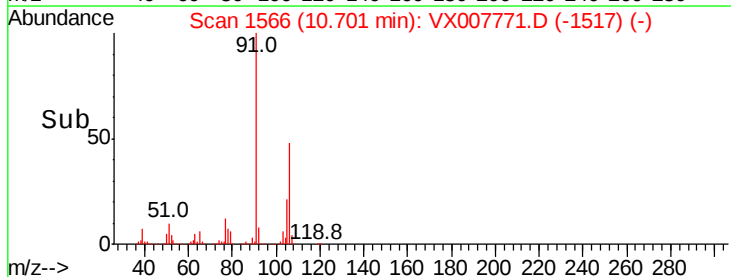
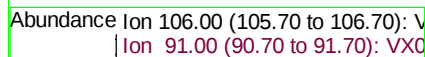
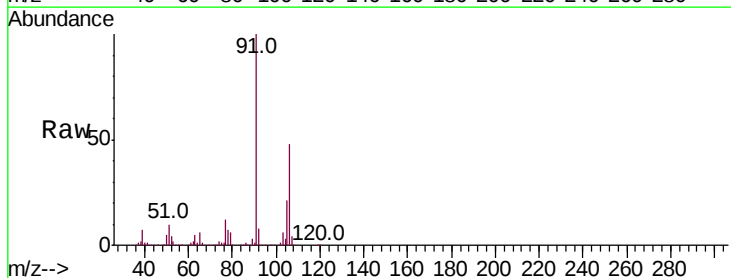
Acq: 28 Feb 2019 17:19

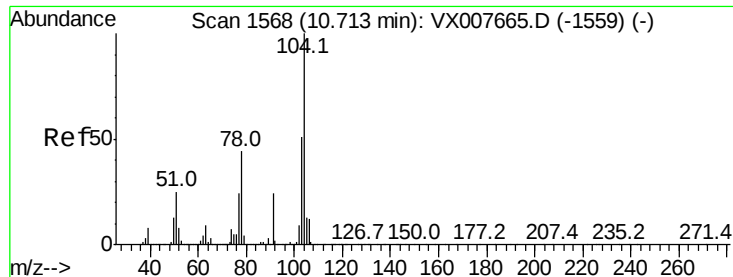
Tgt Ion:106 Resp: 46660

Ion Ratio Lower Upper

106 100

91 210.4 102.9 308.7

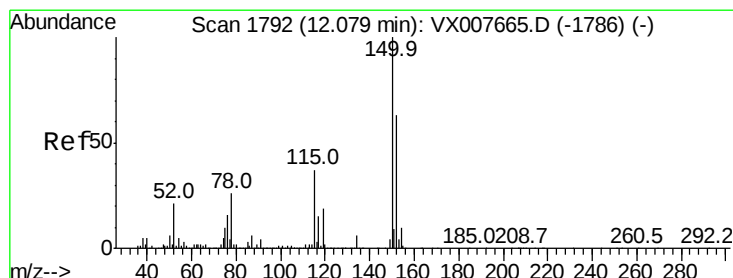
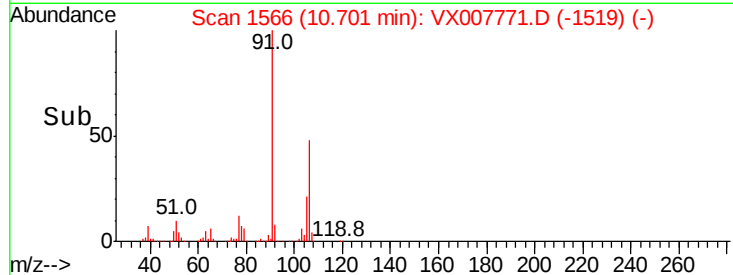
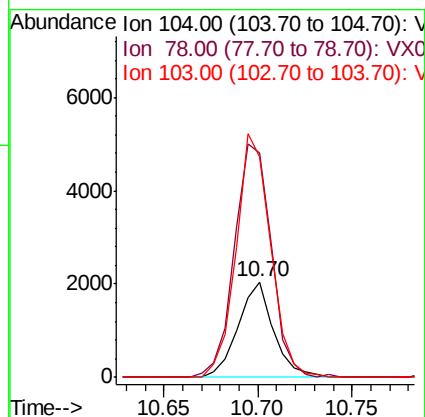
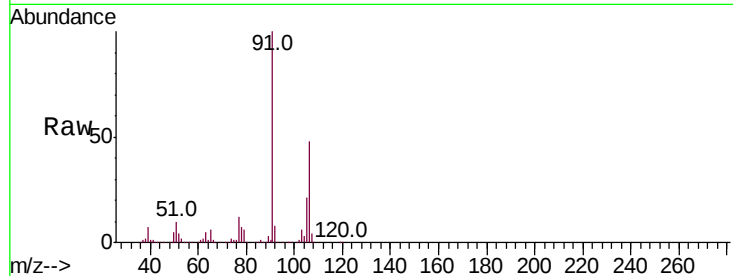




#70
Stvrene
Concen: 0.253 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

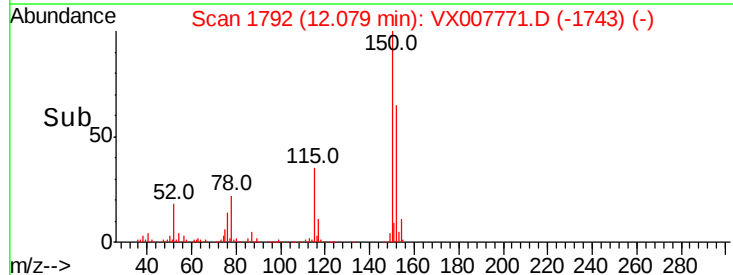
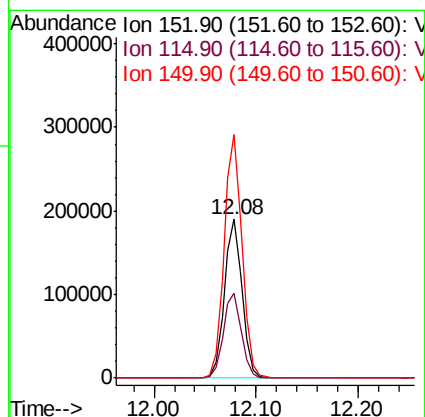
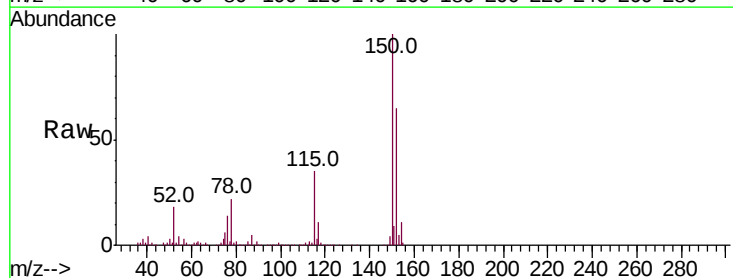
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-420-422

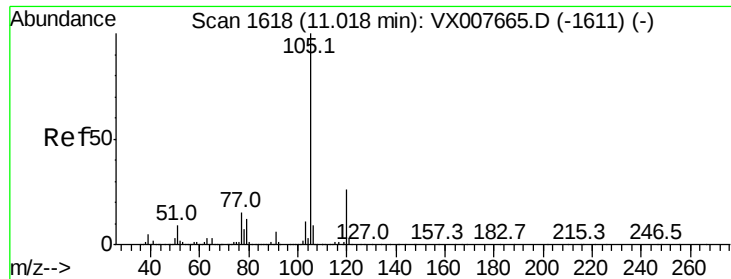
Tot Ion:104 Resp: 2669
Ion Ratio Lower Upper
104 100
78 254.9 38.3 57.5#
103 248.1 44.6 67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007771.D
Acq: 28 Feb 2019 17:19

Tgt Ion:152 Resp: 229442
Ion Ratio Lower Upper
152 100
115 54.5 38.0 114.0
150 154.6 0.0 346.4





#73

Isopropylbenzene

Concen: 0.269 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

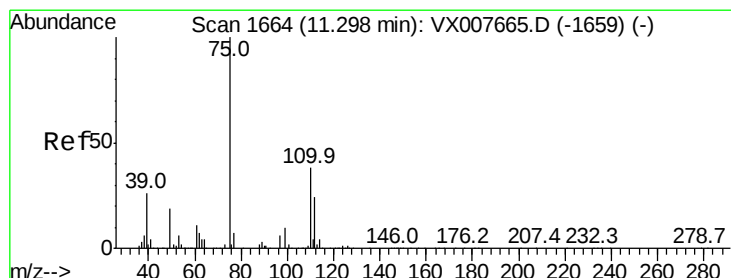
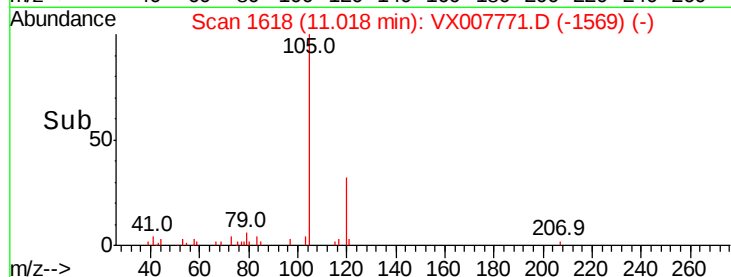
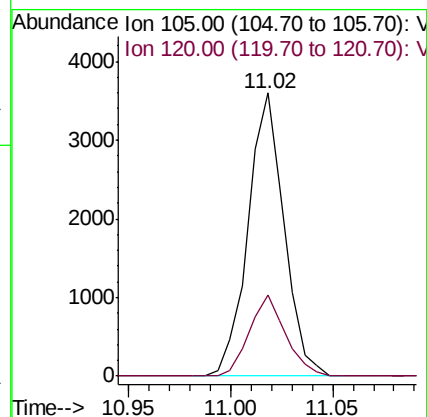
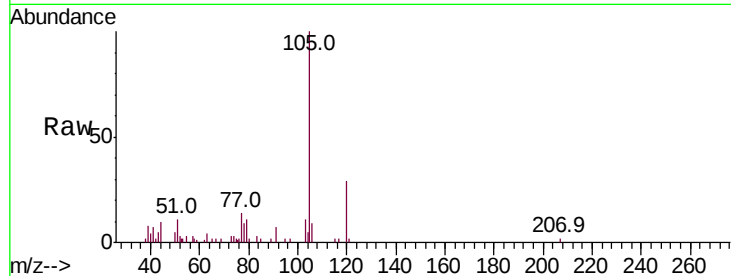
BP-VPB201-GW-420-422

Tot Ion:105 Resp: 4404

Ion Ratio Lower Upper

105 100

120 29.0 13.6 40.7



#76

1,2,3-Trichloropropane

Concen: 22.044 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007771.D

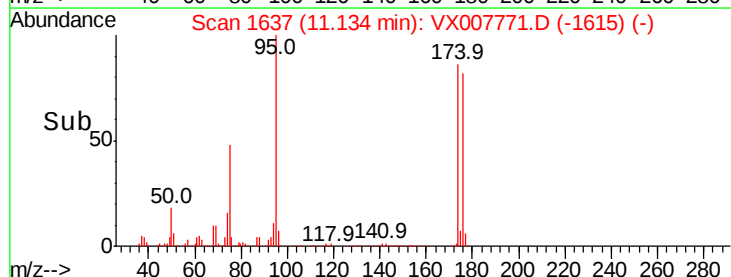
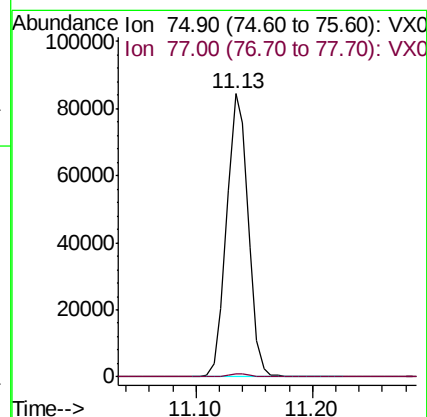
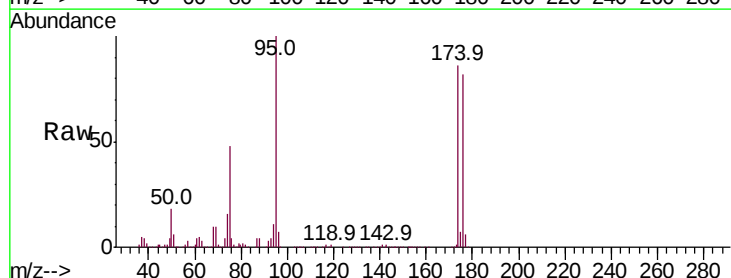
Acq: 28 Feb 2019 17:19

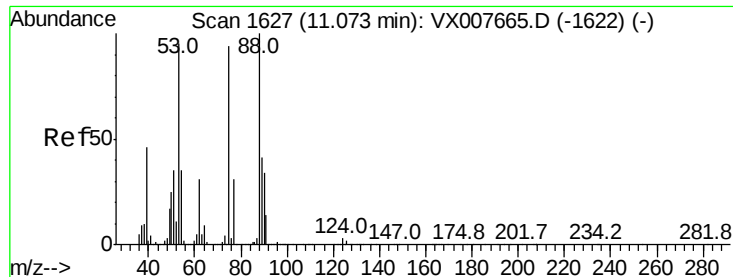
Tgt Ion: 75 Resp: 107810

Ion Ratio Lower Upper

75 100

77 1.2 23.0 69.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 58.526 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-420-422

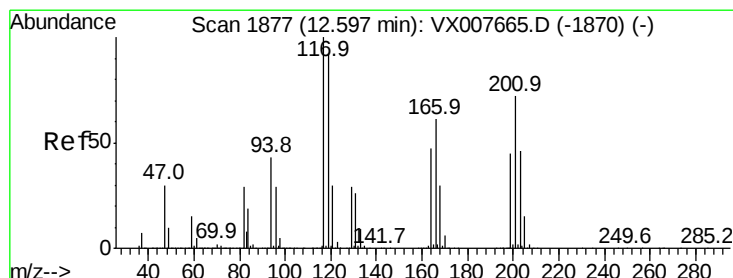
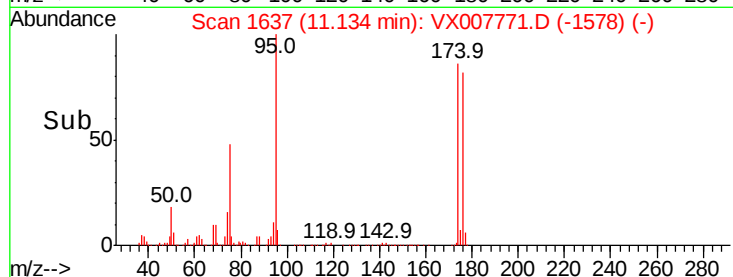
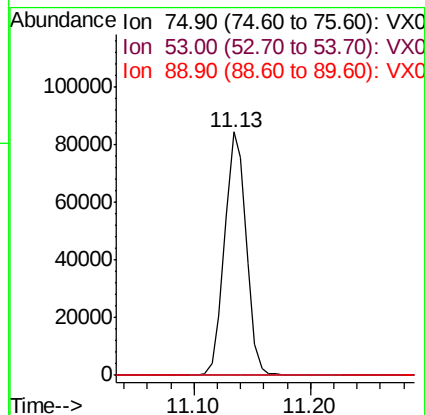
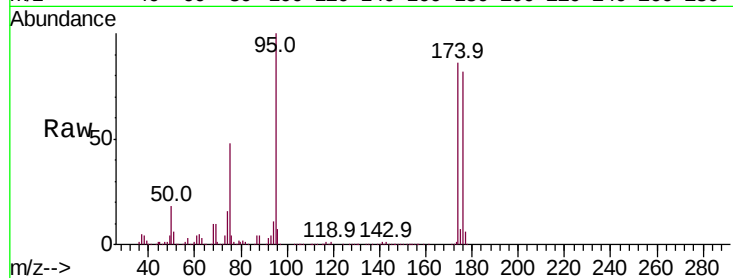
Tot Ion: 75 Resp: 107810

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



#90

Hexachloroethane

Concen: 1.082 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX007771.D

Acq: 28 Feb 2019 17:19

Tgt Ion: 117 Resp: 2590

Ion Ratio Lower Upper

117 100

201 0.0 44.9 134.7#

