

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007770.D
 Acq On : 28 Feb 2019 16:52
 Operator : JC/SP
 Sample : K1641-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-400-402

Quant Time: Mar 01 01:32:11 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	313419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186595	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	5.51	113	159044	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	597097	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.13	95	215459	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

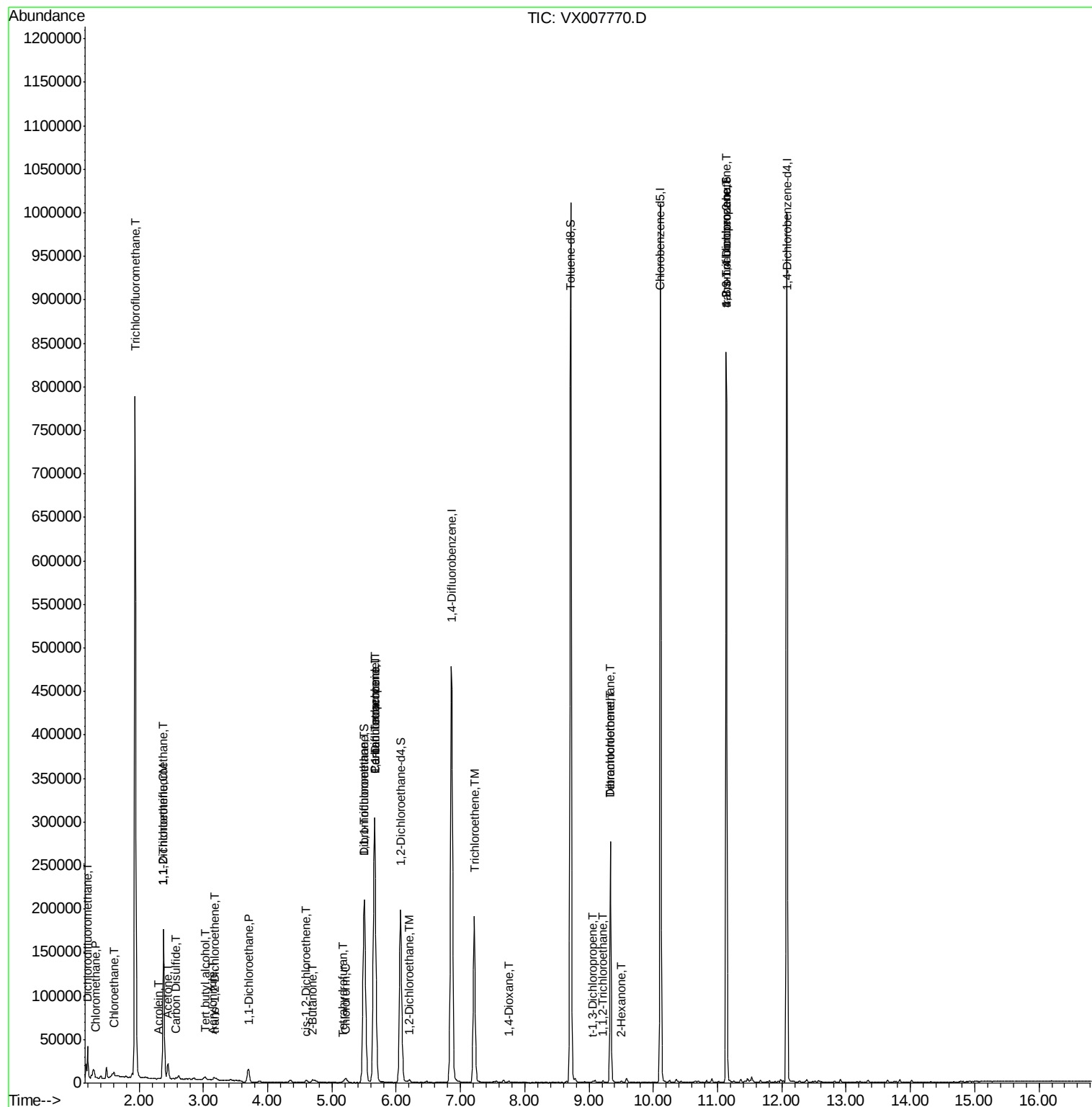
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	19368	6.708	ug/l	99
3) Chloromethane	1.33	50	789	0.247	ug/l #	83
5) Bromomethane	1.65	94	629	Below Cal	#	60
6) Chloroethane	1.62	64	10590	5.050	ug/l #	60
7) Trichlorofluoromethane	1.94	101	521663	103.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1696	0.558	ug/l	92
11) Tert butyl alcohol	3.03	59	2115	2.871	ug/l #	82
12) 1,1-Dichloroethene	2.38	96	56363	20.559	ug/l	90
13) Acrolein	2.31	56	314	0.480	ug/l #	26
15) Acrylonitrile	3.15	53	621	0.358	ug/l #	79
16) Acetone	2.45	43	16958	9.822	ug/l	98
17) Carbon Disulfide	2.57	76	1729	0.227	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	722	0.242	ug/l #	74
24) 1,1-Dichloroethane	3.70	63	17283	3.014	ug/l	98
25) 2-Butanone	4.70	43	5595	2.128	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	1526	0.402	ug/l	94
29) Tetrahydrofuran	5.17	42	1138	0.656	ug/l #	64
30) Chloroform	5.21	83	5196	0.846	ug/l #	79
32) 1,1,1-Trichloroethane	5.50	97	24224	4.768	ug/l	96
36) 1,1-Dichloropropene	5.66	75	20259	4.601	ug/l #	48
38) Carbon Tetrachloride	5.67	117	27777	6.280	ug/l #	16
42) 1,2-Dichloroethane	6.20	62	2907	0.636	ug/l	98
44) Trichloroethene	7.21	130	76030	20.335	ug/l	97
49) 1,4-Dioxane	7.76	88	901	10.572	ug/l #	61
53) t-1,3-Dichloropropene	9.05	75	156	2.830	ug/l #	61
55) 1,1,2-Trichloroethane	9.22	97	743	0.208	ug/l #	86
59) 2-Hexanone	9.50	43	1209	0.306	ug/l	95
60) Dibromochloromethane	9.34	129	49321	14.342	ug/l #	12
64) Tetrachloroethene	9.34	164	55612	14.787	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	103829	22.002	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	103829	58.419	ug/l #	9

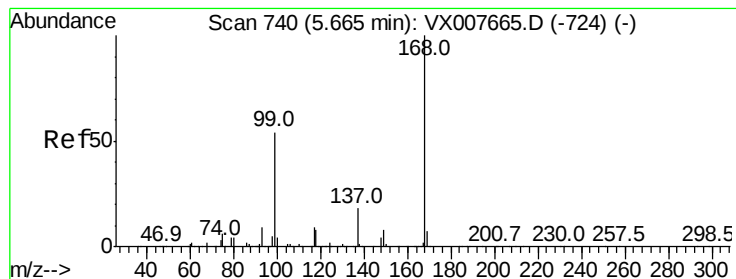
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

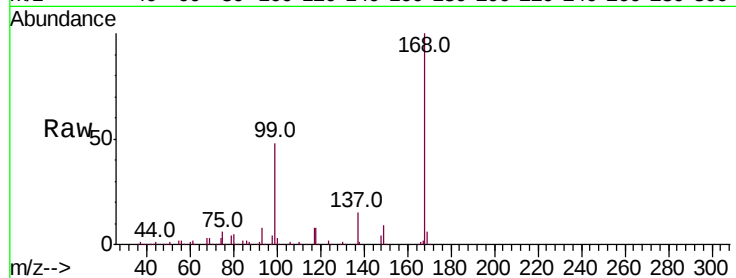
BP-VPB201-GW-400-402

Tot Ion:168 Resp: 313419

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

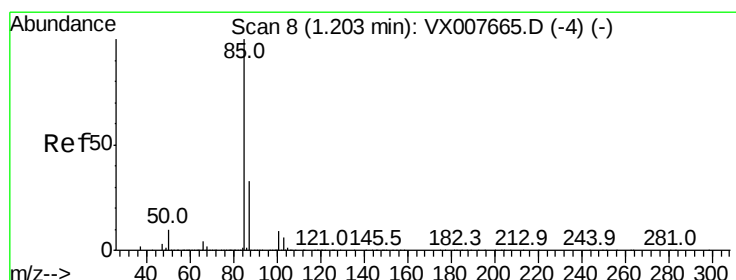
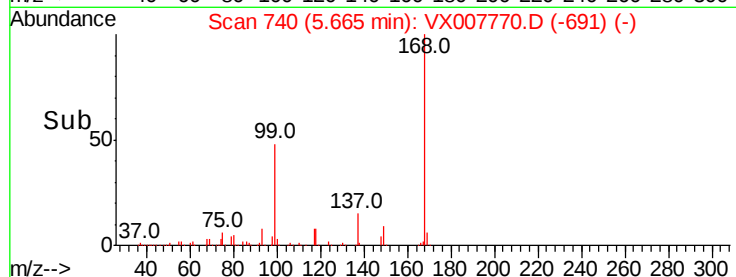
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.708 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007770.D

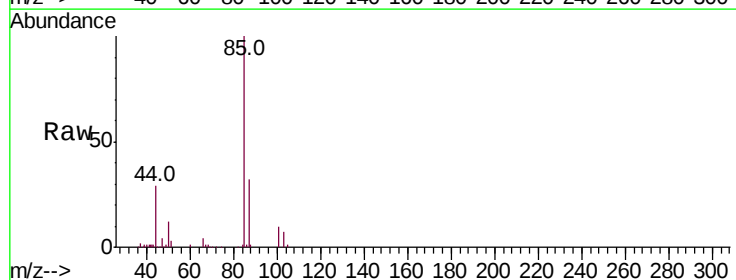
Acq: 28 Feb 2019 16:52

Tgt Ion: 85 Resp: 19368

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

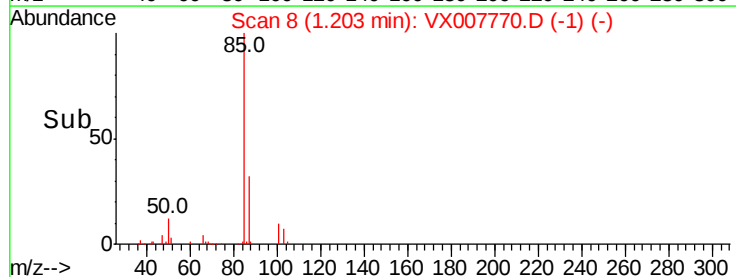
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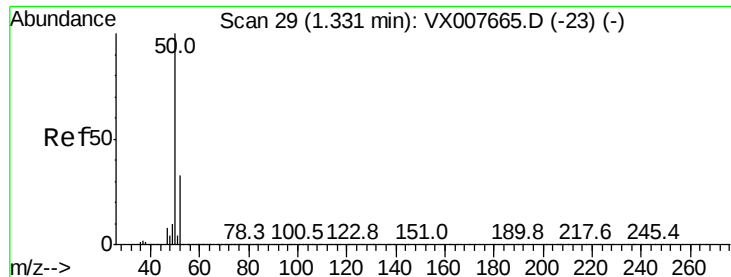
10000

5000

0

Time-->





#3

Chloromethane

Concen: 0.247 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

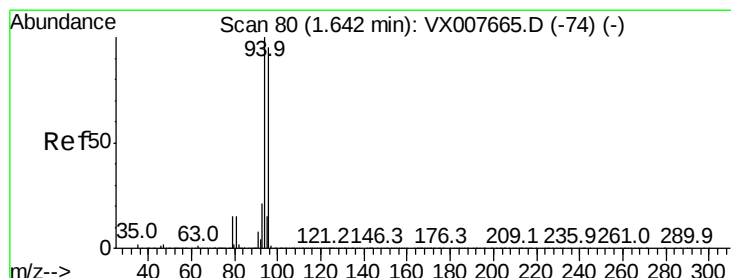
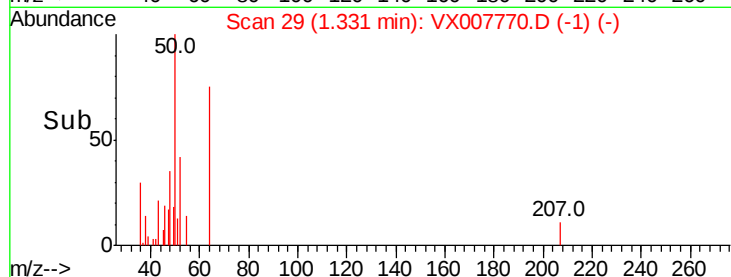
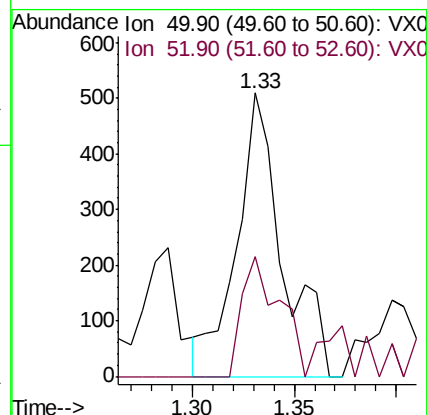
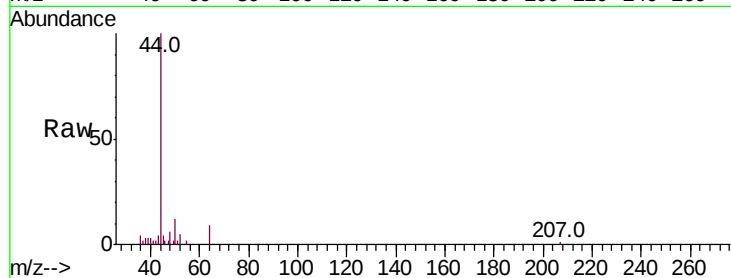
BP-VPB201-GW-400-402

Tot Ion: 50 Resp: 789

Ion Ratio Lower Upper

50 100

52 42.4 26.1 39.1#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007770.D

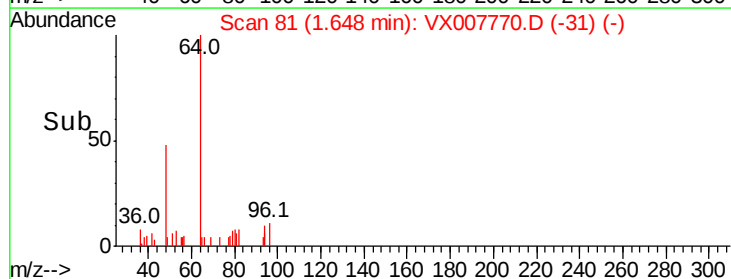
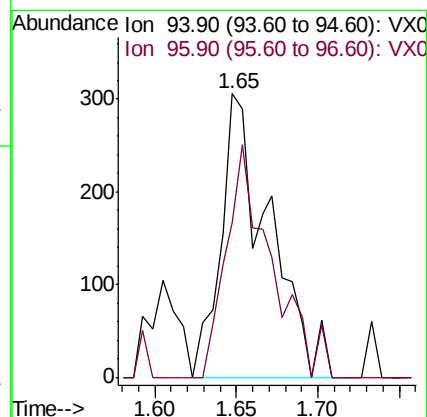
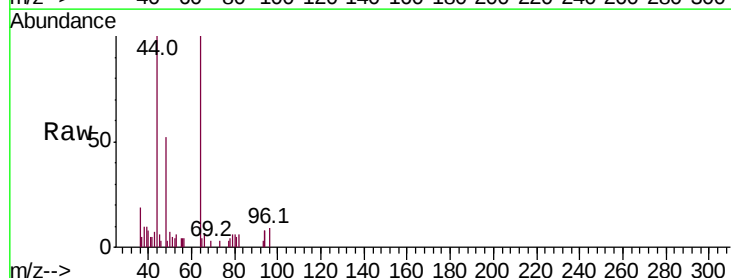
Acq: 28 Feb 2019 16:52

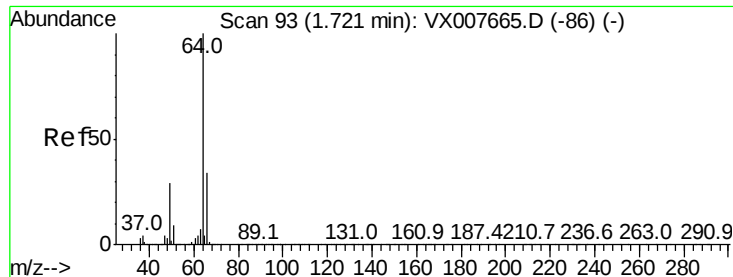
Tgt Ion: 94 Resp: 629

Ion Ratio Lower Upper

94 100

96 54.2 73.9 110.9#





#6

Chloroethane

Concen: 5.050 ug/l

RT: 1.62 min Scan# 76

Delta R.T. -0.10 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

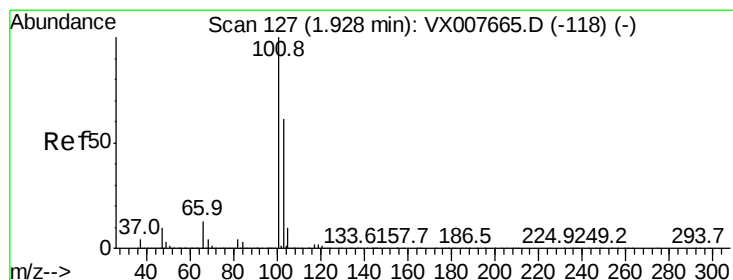
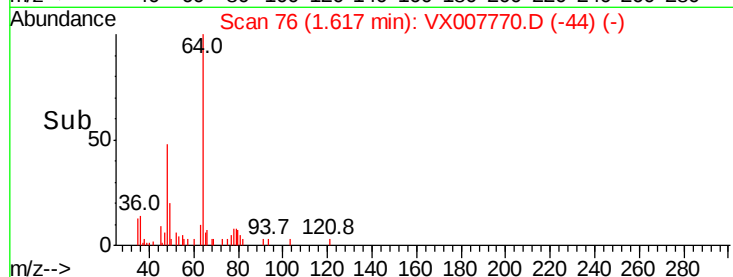
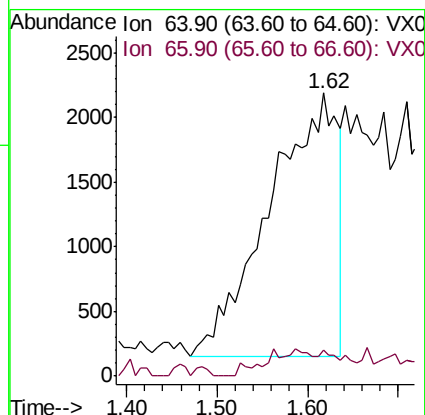
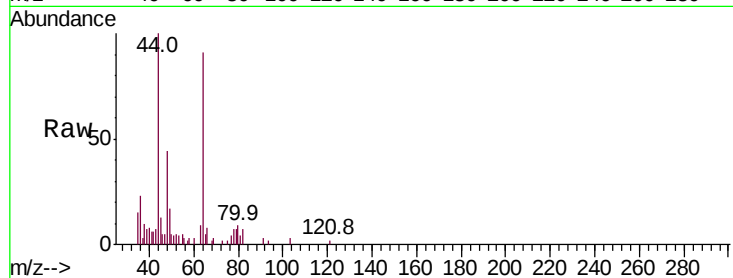
BP-VPB201-GW-400-402

Tot Ion: 64 Resp: 10590

Ion Ratio Lower Upper

64 100

66 9.7 25.5 38.3#



#7

Trichlorofluoromethane

Concen: 103.668 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007770.D

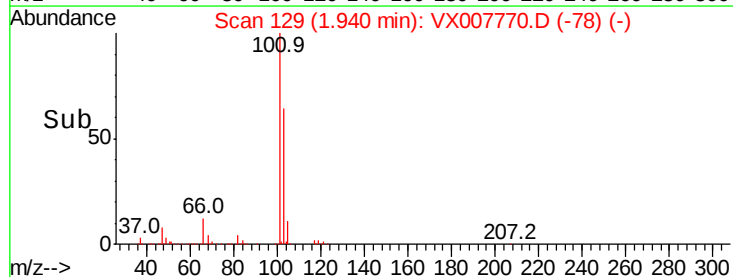
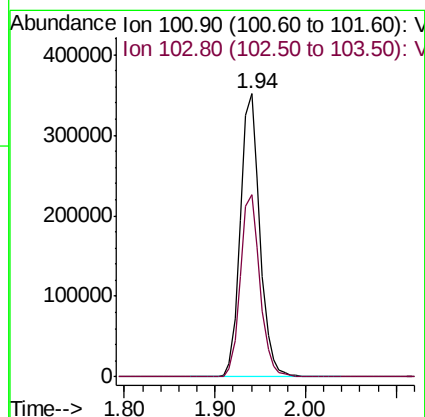
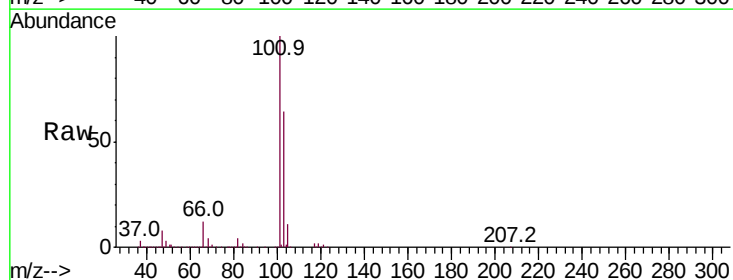
Acq: 28 Feb 2019 16:52

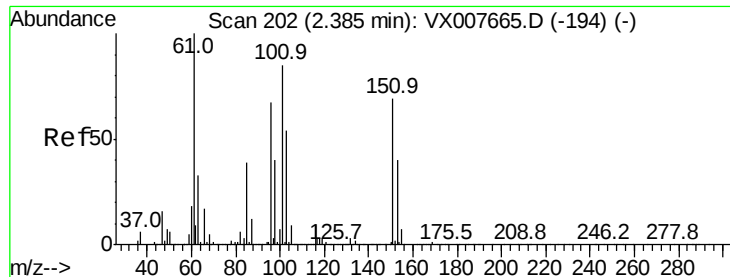
Tgt Ion: 101 Resp: 521663

Ion Ratio Lower Upper

101 100

103 64.5 52.6 79.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.558 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

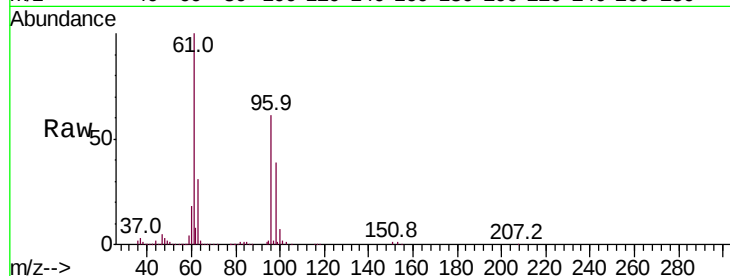
Tot Ion:101 Resp: 1696

Ion Ratio Lower Upper

101 100

85 44.4 34.1 51.1

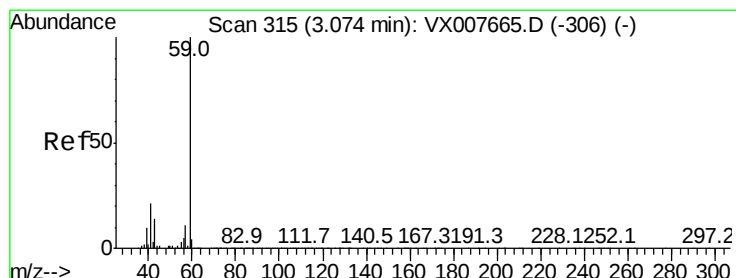
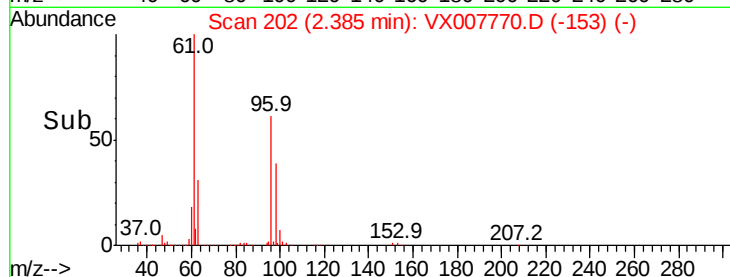
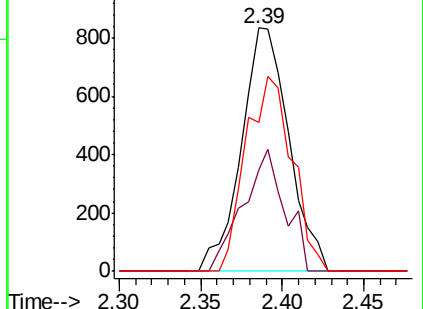
151 77.8 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 2.871 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007770.D

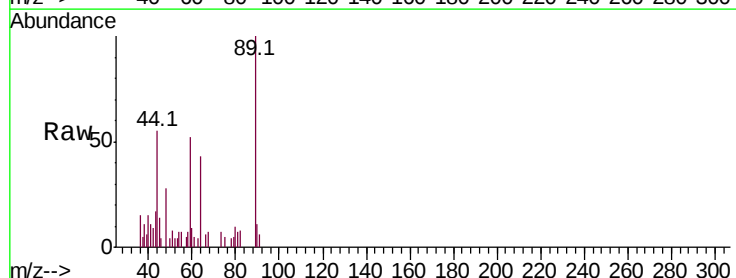
Acq: 28 Feb 2019 16:52

Tgt Ion: 59 Resp: 2115

Ion Ratio Lower Upper

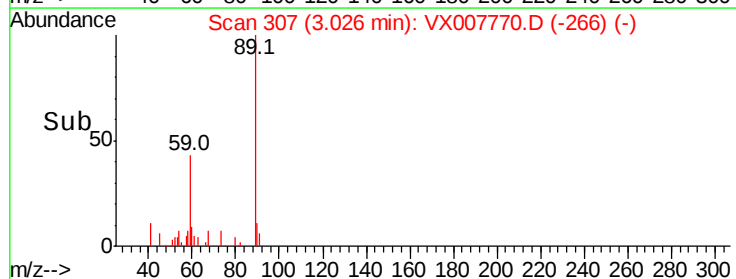
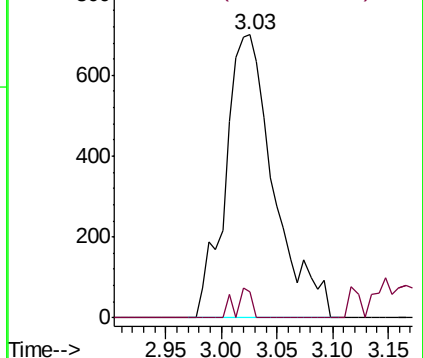
59 100

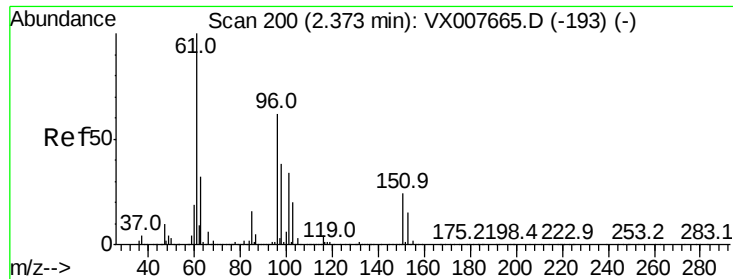
57 3.5 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 20.559 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

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ClientSampleId :

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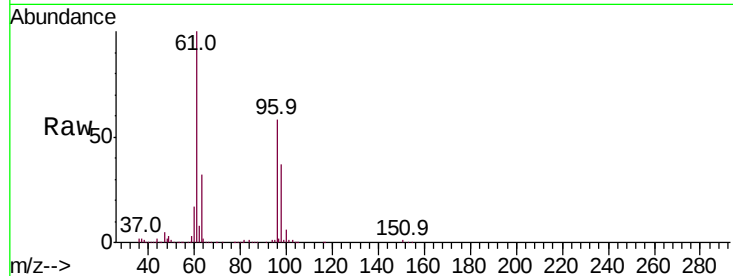
Tot Ion: 96 Resp: 56363

Ion Ratio Lower Upper

96 100

61 171.1 123.0 184.4

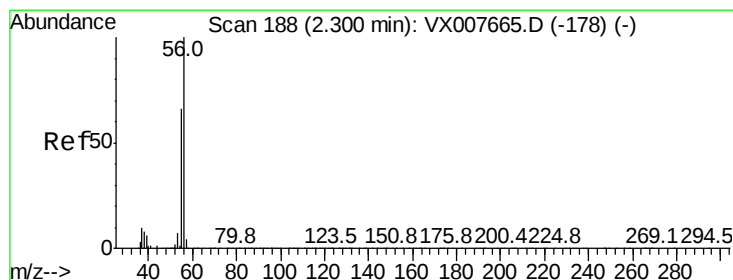
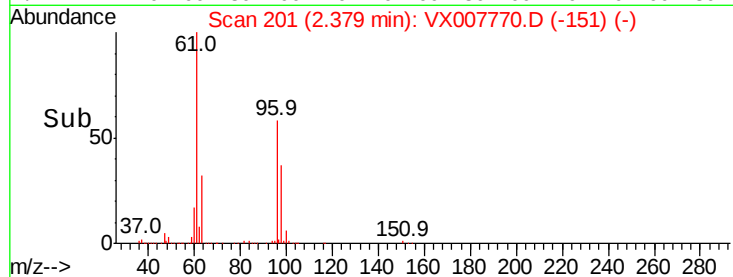
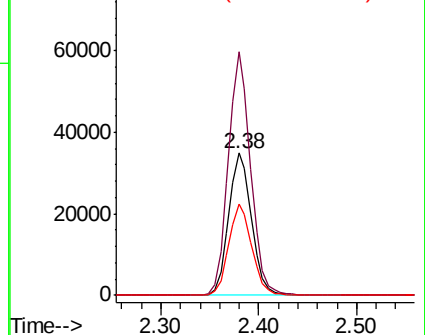
98 63.7 50.9 76.3



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



#13

Acrolein

Concen: 0.480 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007770.D

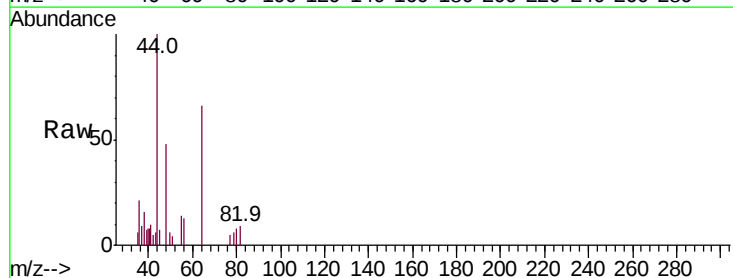
Acq: 28 Feb 2019 16:52

Tgt Ion: 56 Resp: 314

Ion Ratio Lower Upper

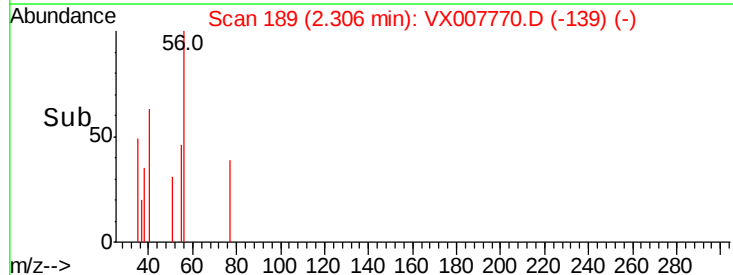
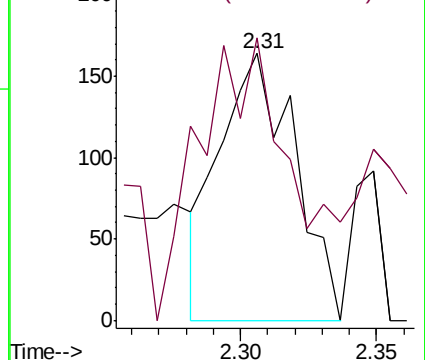
56 100

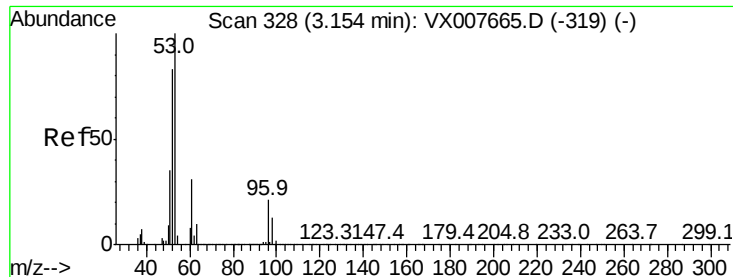
55 132.2 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.358 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007770.D

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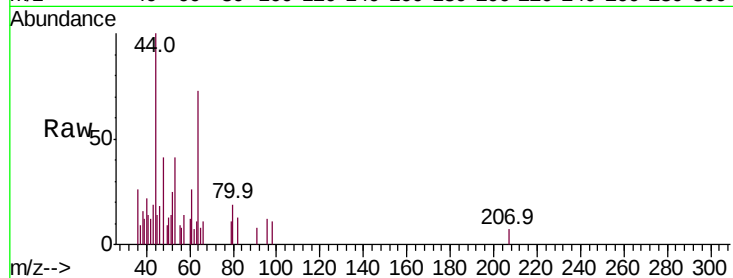
Tot Ion: 53 Resp: 621

Ion Ratio Lower Upper

53 100

52 91.0 66.4 99.6

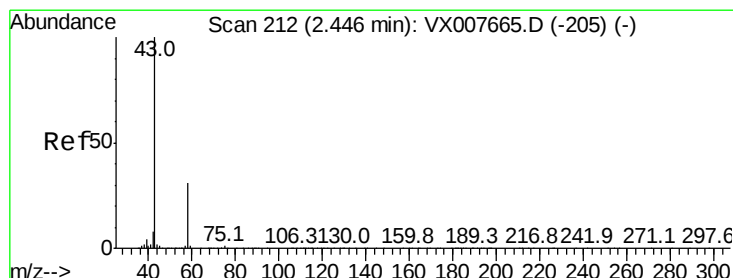
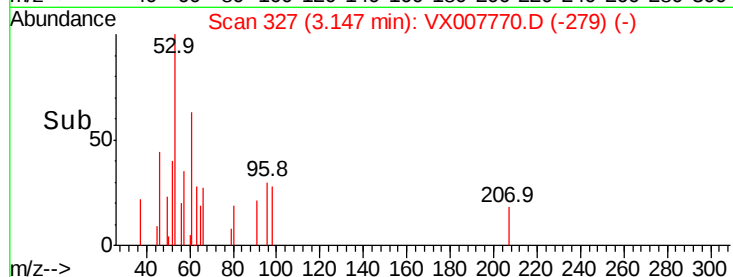
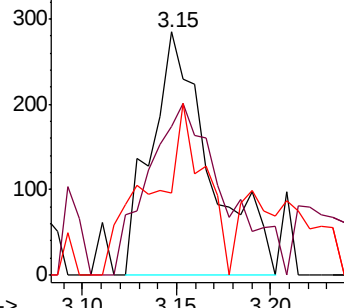
51 63.4 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 9.822 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007770.D

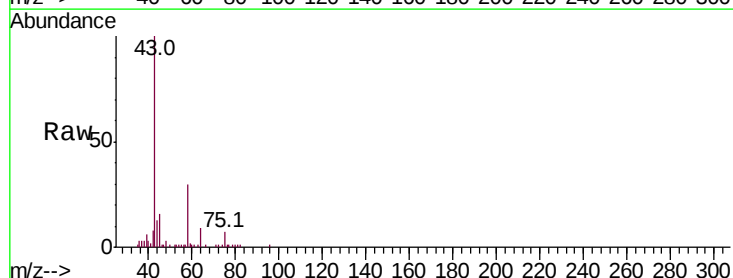
Acq: 28 Feb 2019 16:52

Tgt Ion: 43 Resp: 16958

Ion Ratio Lower Upper

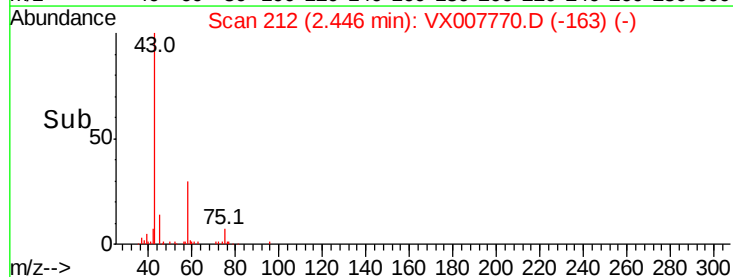
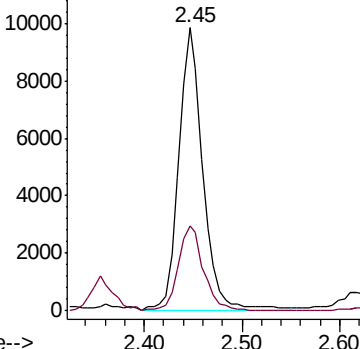
43 100

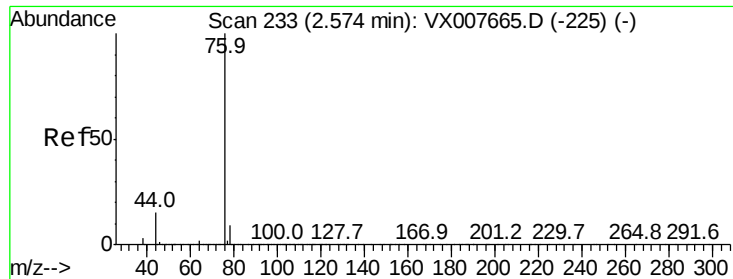
58 29.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.227 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

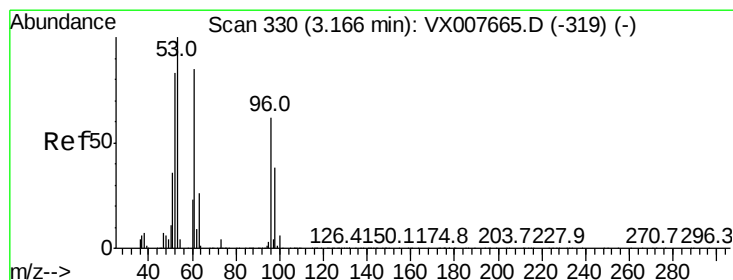
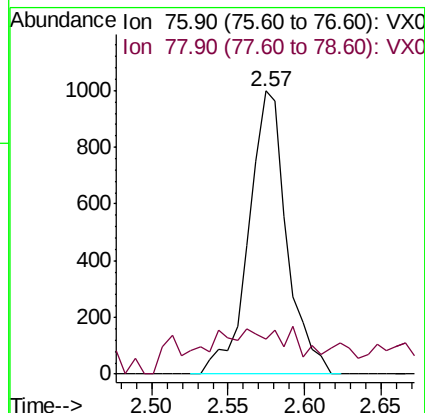
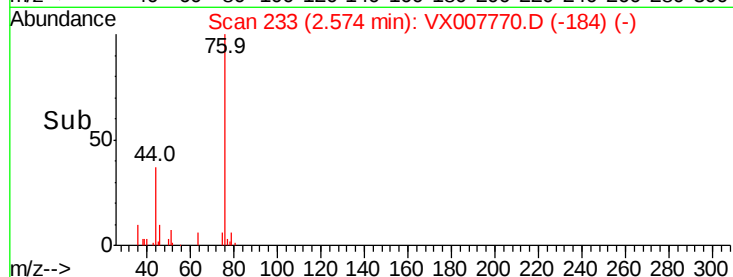
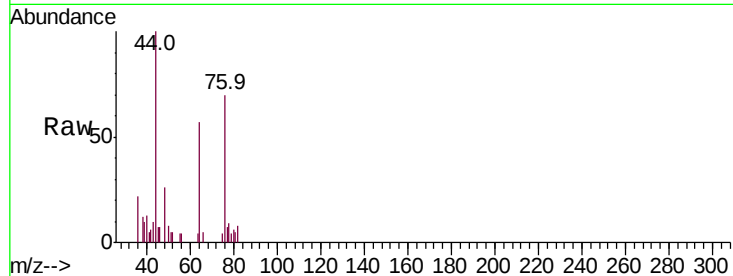
BP-VPB201-GW-400-402

Tot Ion: 76 Resp: 1729

Ion Ratio Lower Upper

76 100

78 4.1 7.1 10.7#



#21

trans-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

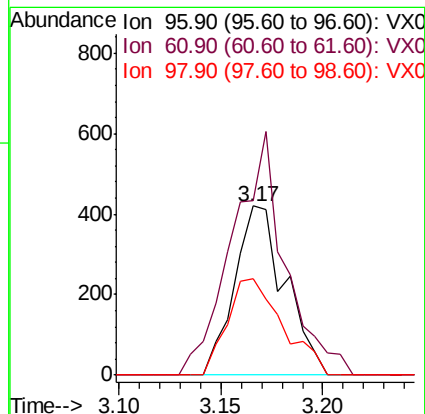
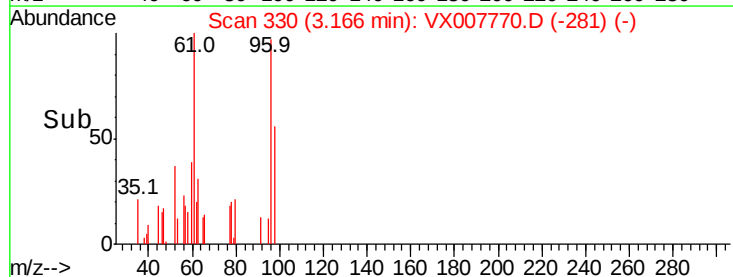
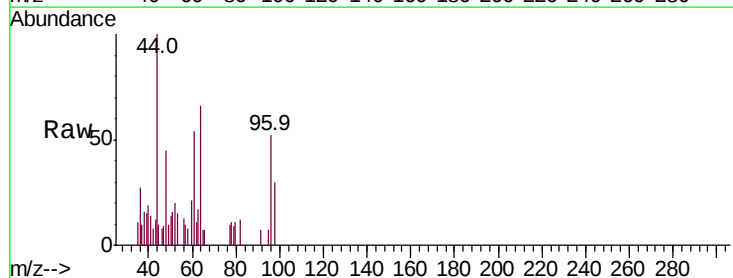
Tgt Ion: 96 Resp: 722

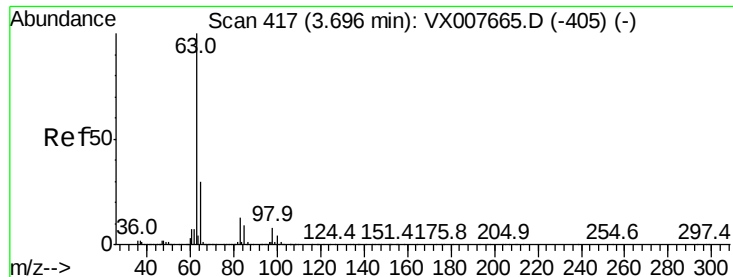
Ion Ratio Lower Upper

96 100

61 90.7 104.6 156.8#

98 57.4 51.0 76.4





#24

1,1-Dichloroethane

Concen: 3.014 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

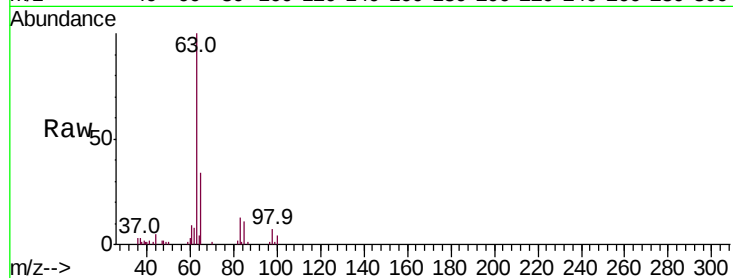
Tot Ion: 63 Resp: 17283

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

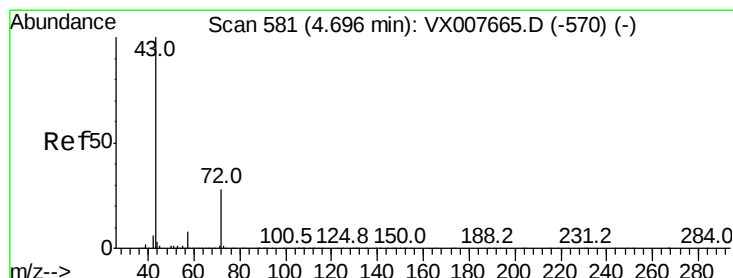
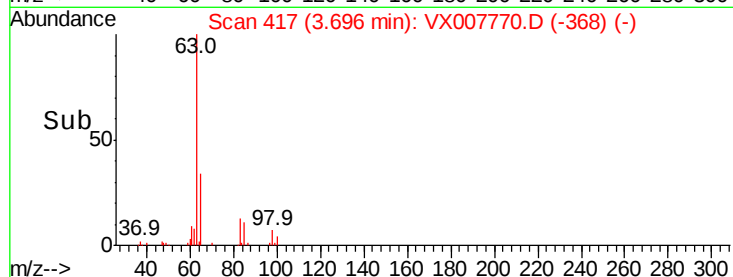
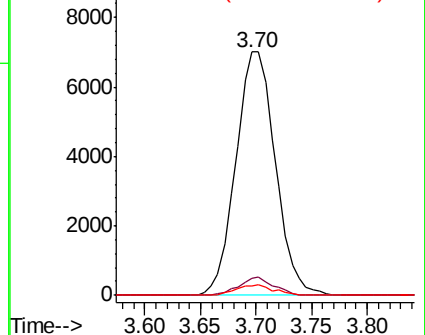
100 3.9 2.5 7.4



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



#25

2-Butanone

Concen: 2.128 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007770.D

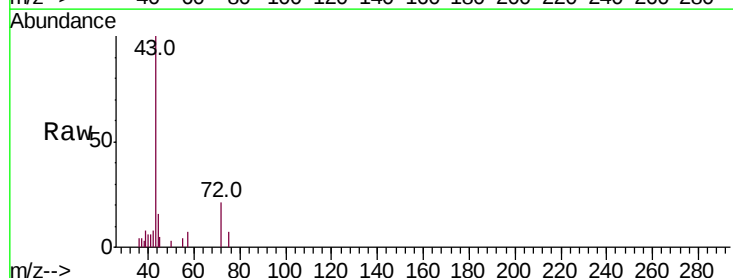
Acq: 28 Feb 2019 16:52

Tgt Ion: 43 Resp: 5595

Ion Ratio Lower Upper

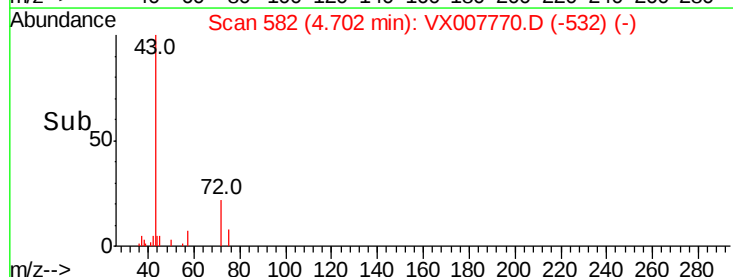
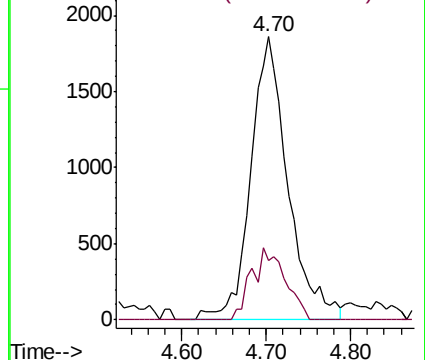
43 100

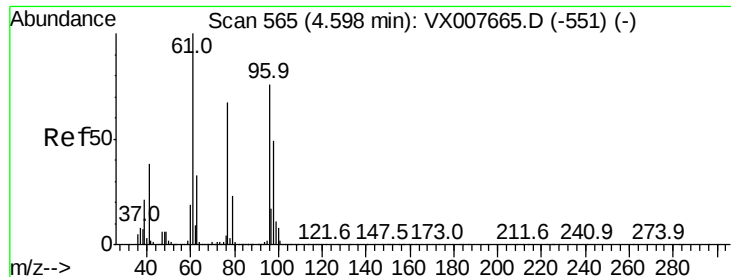
72 21.2 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



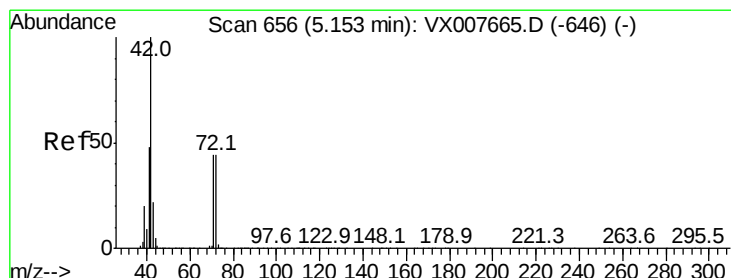
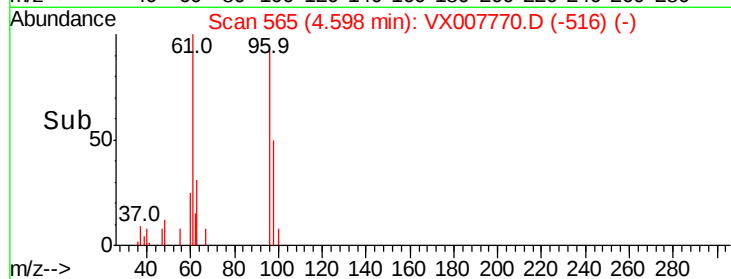
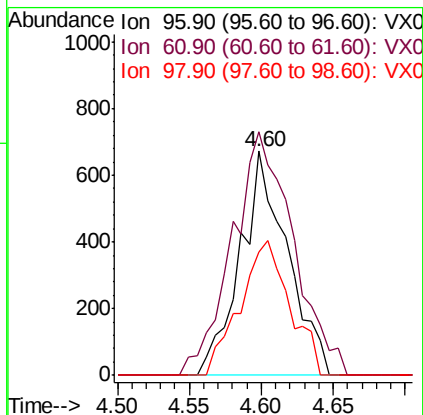
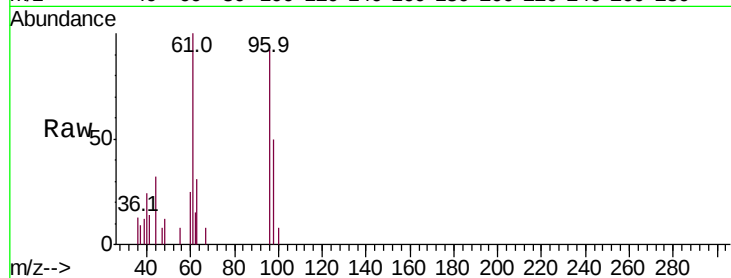


#27

cis-1,2-Dichloroethene
 Concen: 0.402 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007770.D
 Acq: 28 Feb 2019 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-400-402

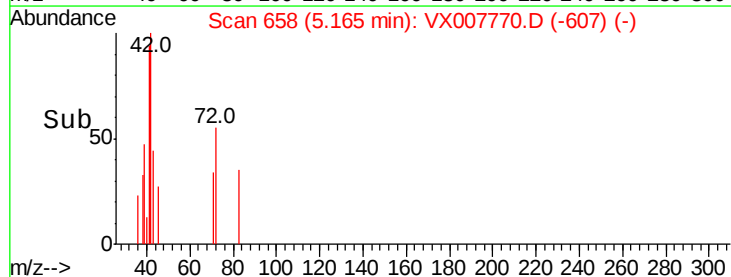
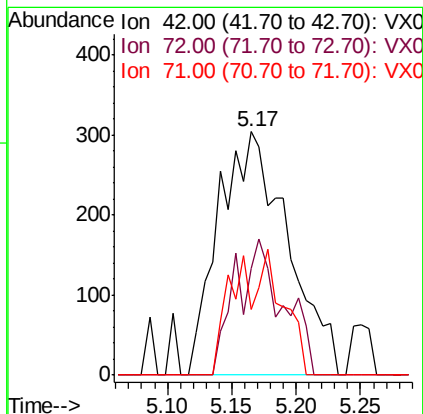
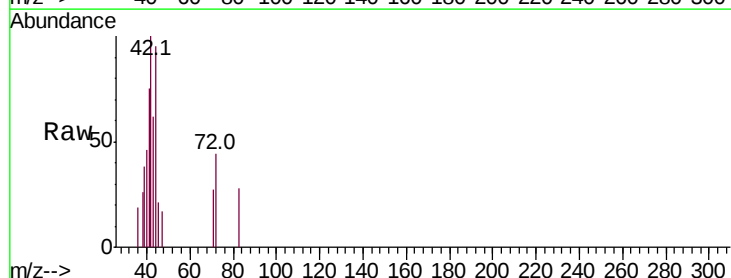
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	265.6
98	63.3	0.0	131.6

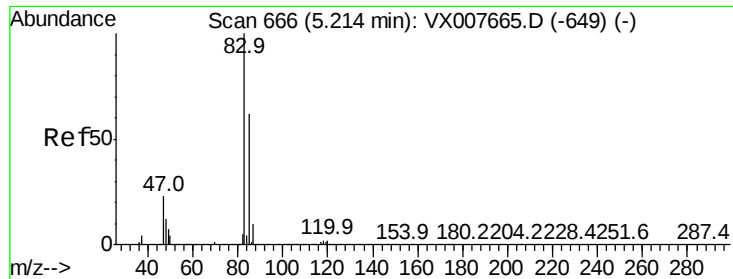


#29

Tetrahydrofuran
 Concen: 0.656 ug/l
 RT: 5.17 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX007770.D
 Acq: 28 Feb 2019 16:52

Tgt Ion	Ratio	Lower	Upper
42	100		
72	26.7	37.6	56.4#
71	16.7	34.6	51.8#

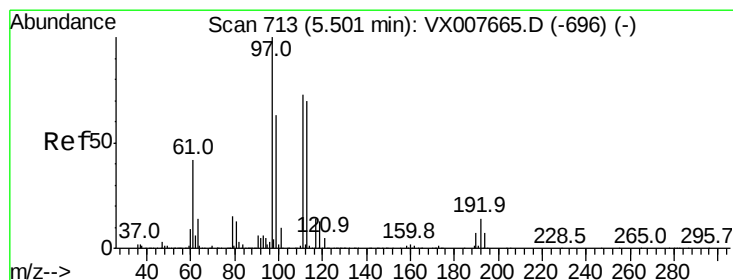
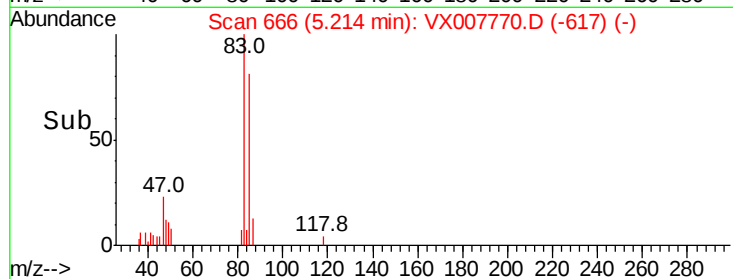
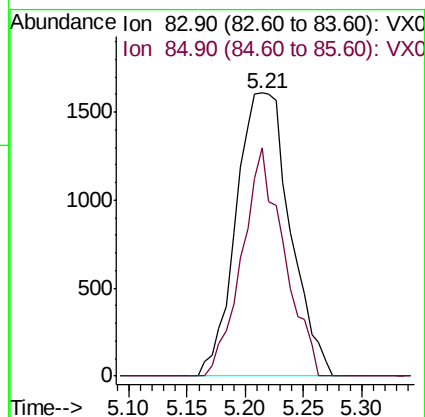
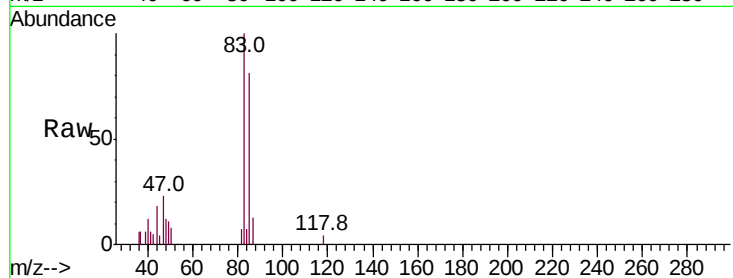




#30
Chloroform
Concen: 0.846 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007770.D
Acq: 28 Feb 2019 16:52

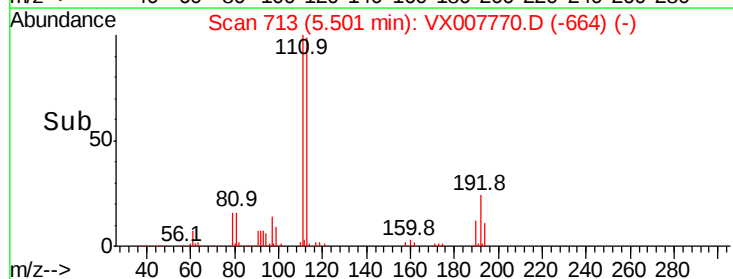
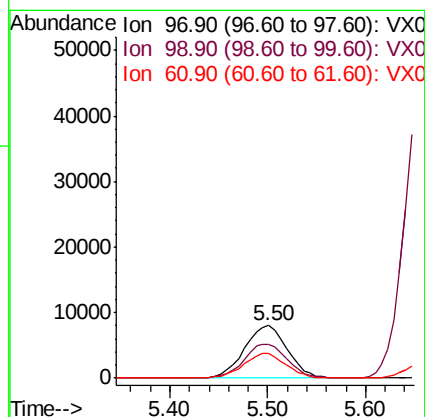
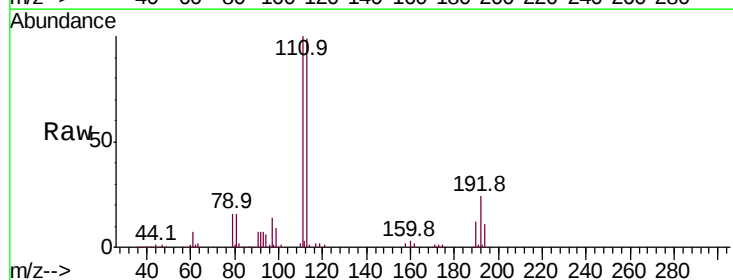
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-400-402

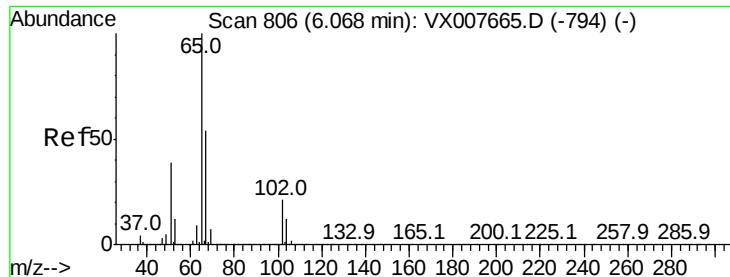
Tot Ion: 83 Resp: 5196
Ion Ratio Lower Upper
83 100
85 80.8 51.6 77.4#



#32
1,1,1-Trichloroethane
Concen: 4.768 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007770.D
Acq: 28 Feb 2019 16:52

Tgt Ion: 97 Resp: 24224
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.2
61 46.7 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.063 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

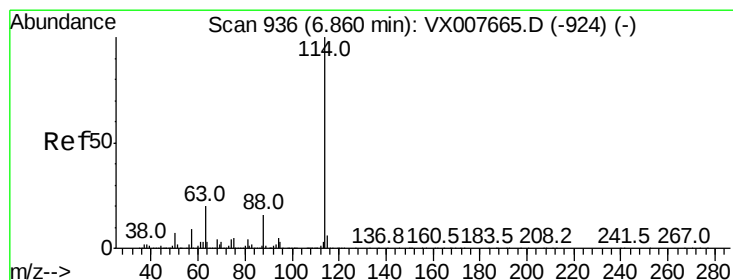
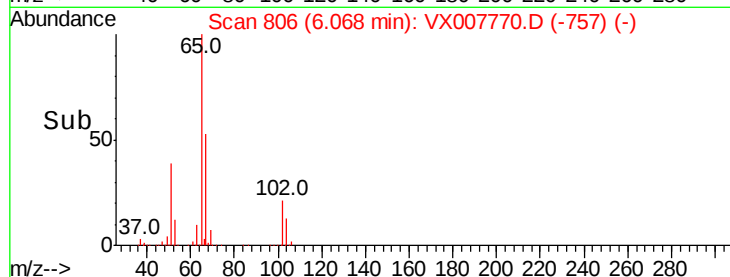
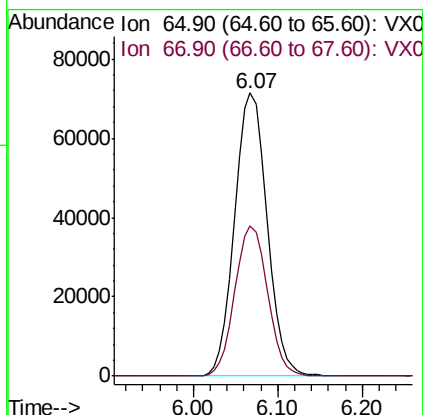
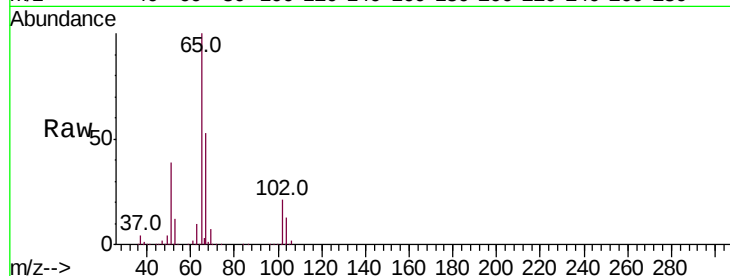
BP-VPB201-GW-400-402

Tot Ion: 65 Resp: 186595

Ion Ratio Lower Upper

65 100

67 53.4 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: VX007770.D

Acq: 28 Feb 2019 16:52

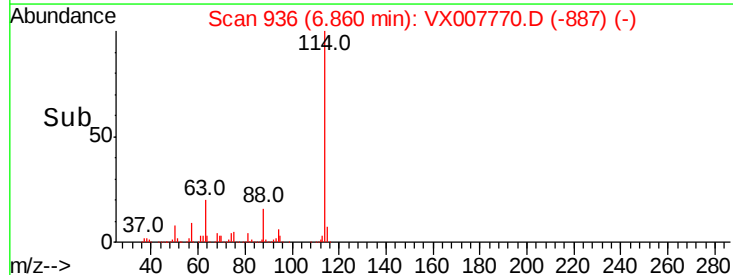
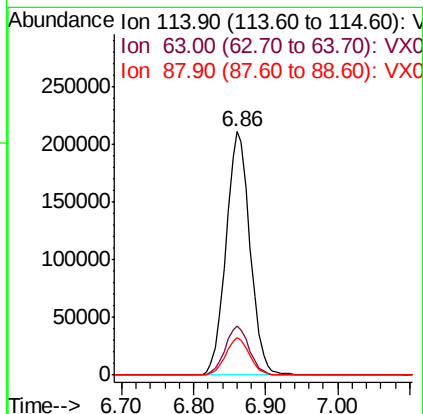
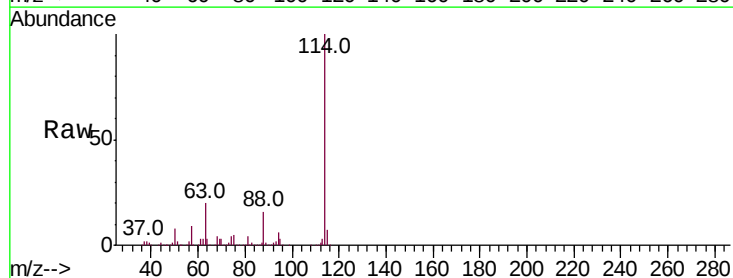
Tgt Ion: 114 Resp: 489737

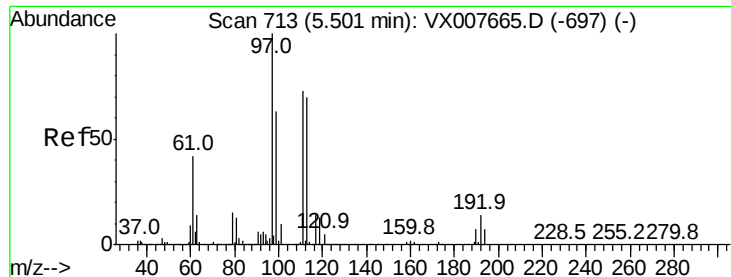
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.582 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

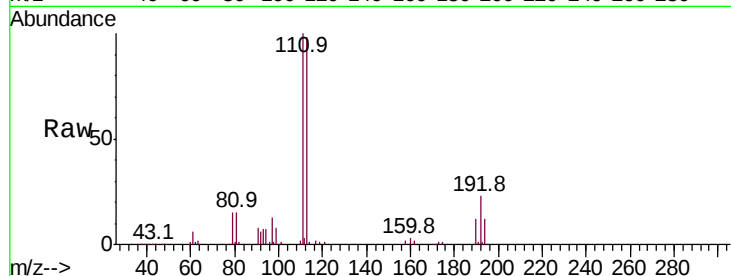
Tot Ion:113 Resp: 159044

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

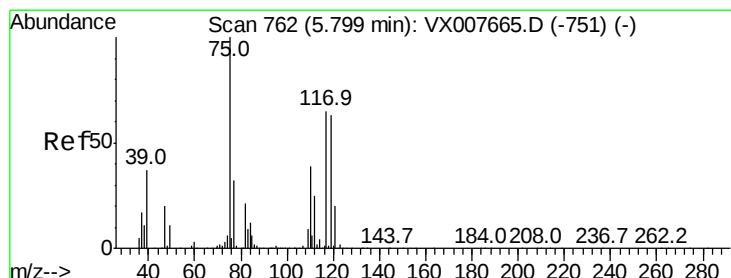
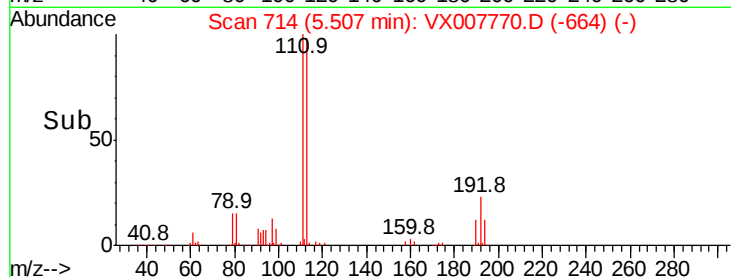
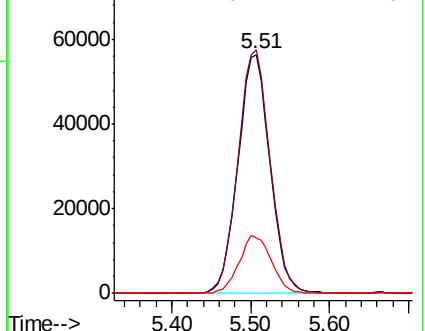
192 24.4 18.5 27.7



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: 4.601 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

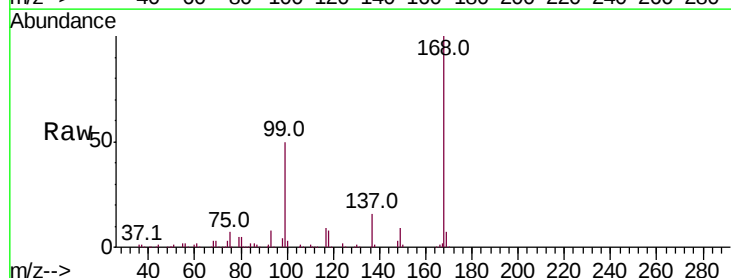
Tgt Ion: 75 Resp: 20259

Ion Ratio Lower Upper

75 100

110 9.6 20.0 59.9#

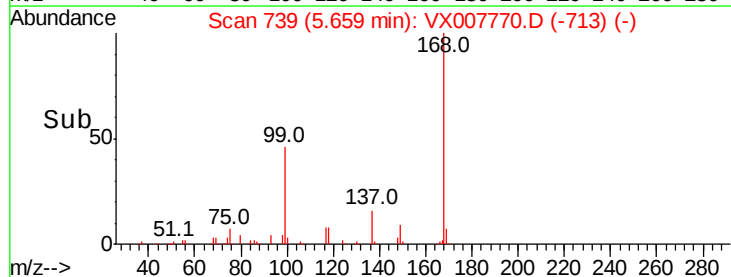
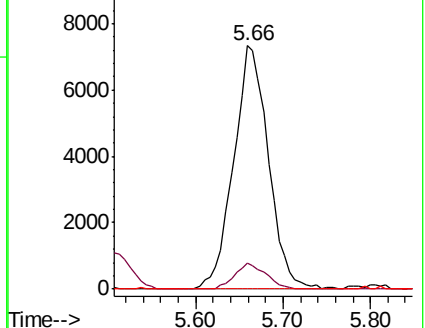
77 0.0 24.7 37.1#

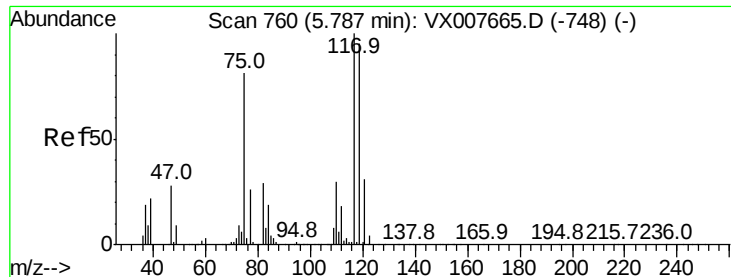


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.280 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

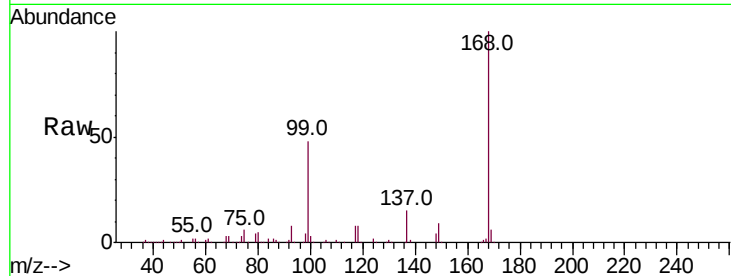
Tot Ion:117 Resp: 27777

Ion Ratio Lower Upper

117 100

119 4.3 75.3 112.9#

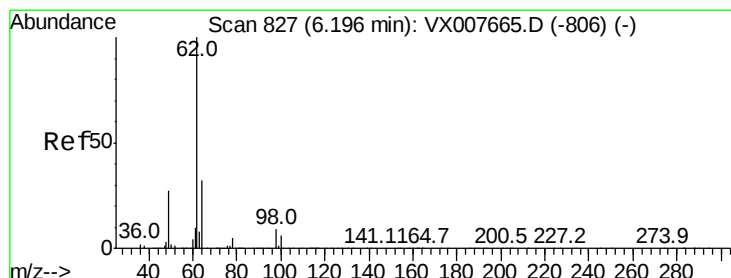
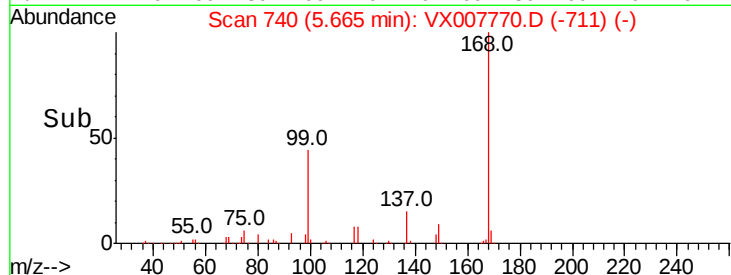
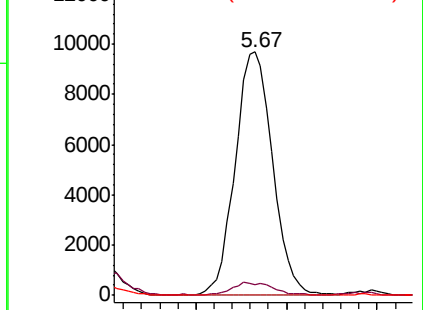
121 0.0 25.0 37.4#



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



#42

1,2-Dichloroethane

Concen: 0.636 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007770.D

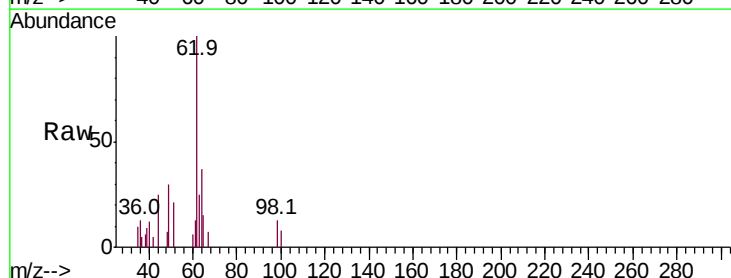
Acq: 28 Feb 2019 16:52

Tgt Ion: 62 Resp: 2907

Ion Ratio Lower Upper

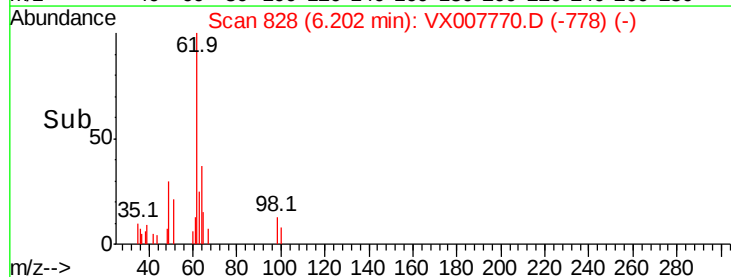
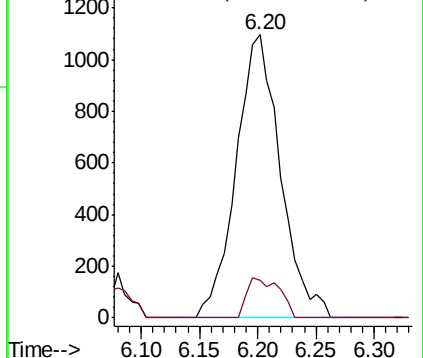
62 100

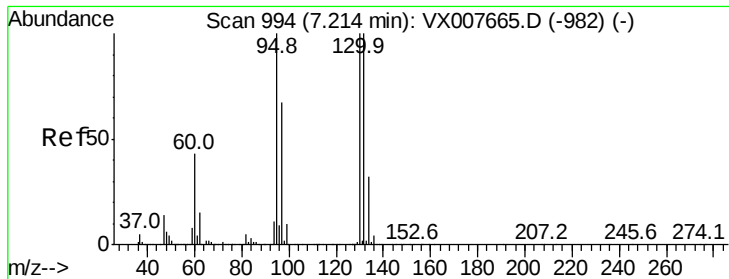
98 10.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 20.335 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

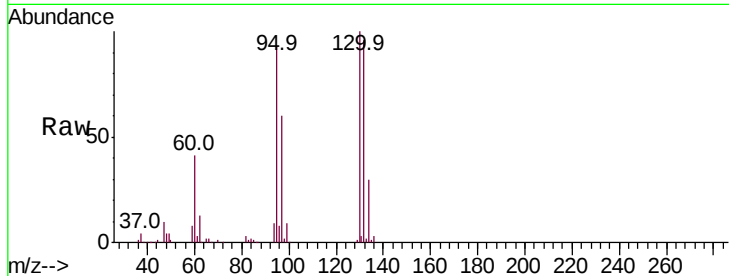
BP-VPB201-GW-400-402

Tot Ion:130 Resp: 76030

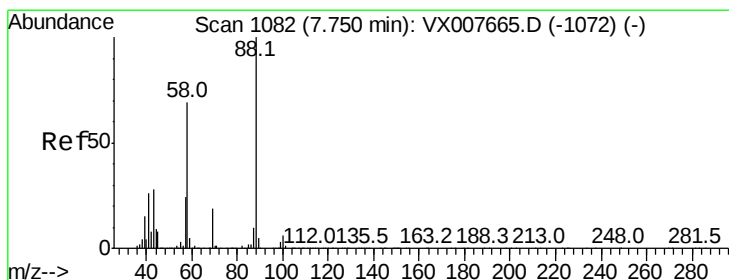
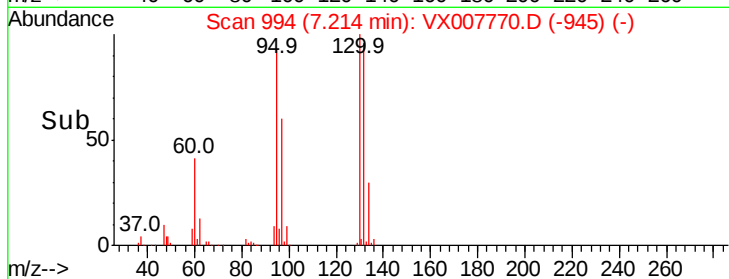
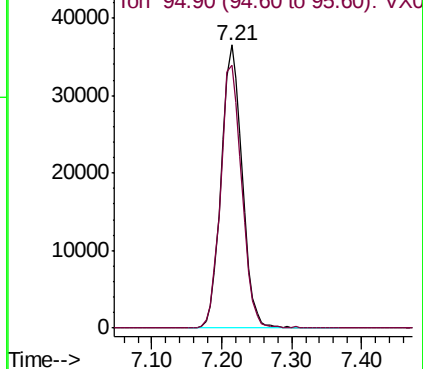
Ion Ratio Lower Upper

130 100

95 93.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V



#49

1,4-Dioxane

Concen: 10.572 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

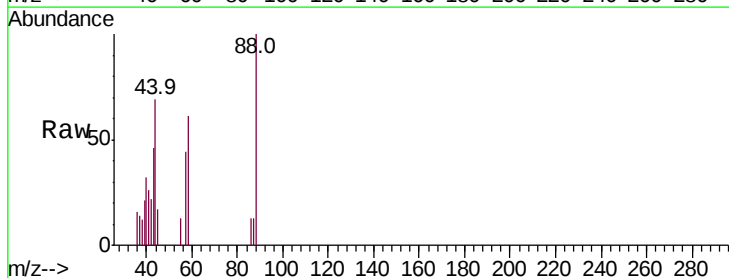
Tgt Ion: 88 Resp: 901

Ion Ratio Lower Upper

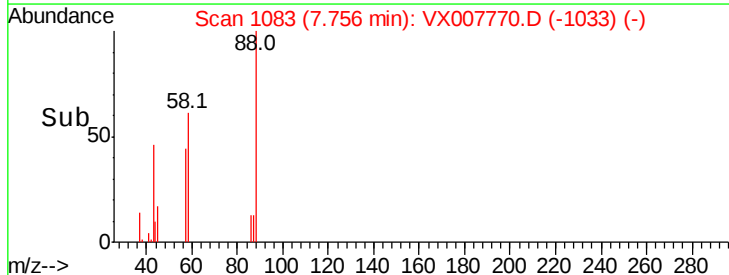
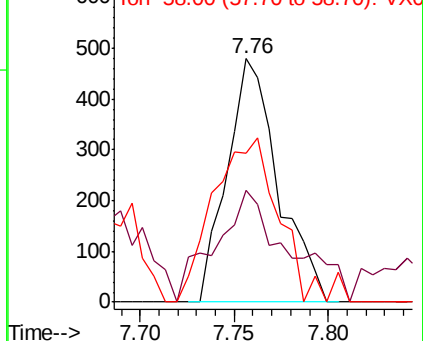
88 100

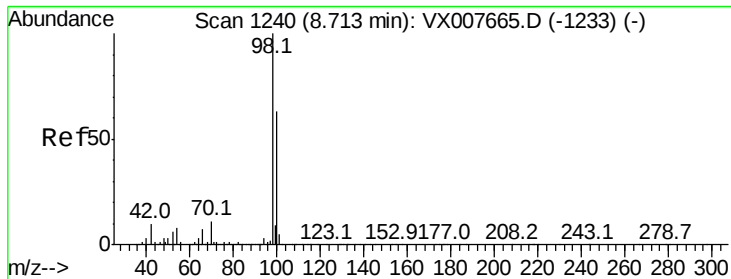
43 66.0 24.2 36.4#

58 87.8 53.0 79.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0





#50

Toluene-d8

Concen: 47.642 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

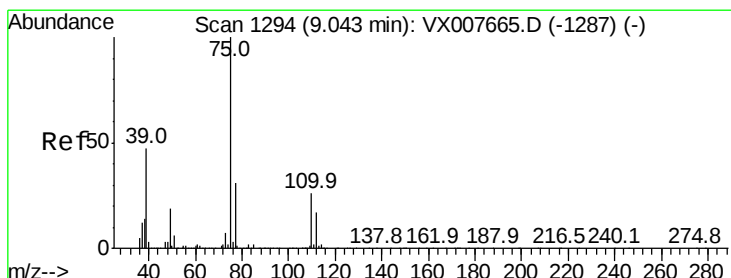
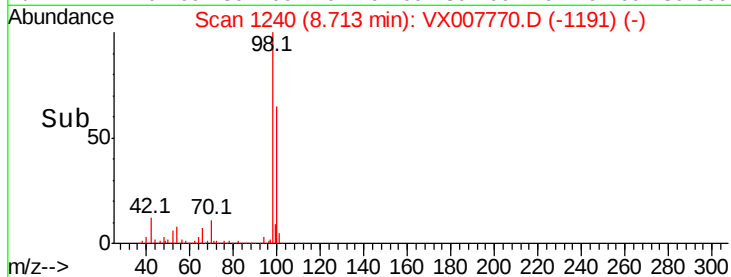
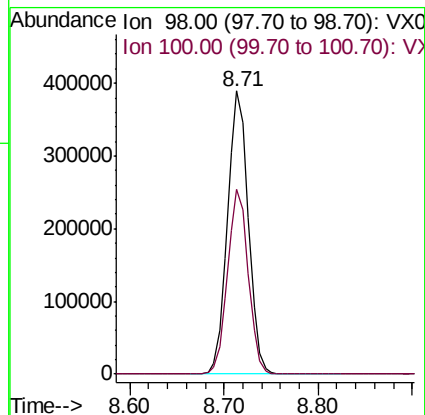
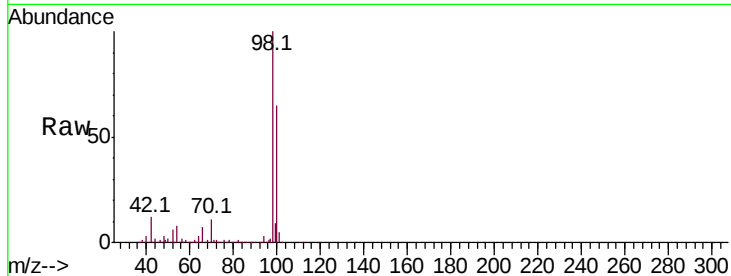
BP-VPB201-GW-400-402

Tot Ion: 98 Resp: 597097

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#53

t-1,3-Dichloropropene

Concen: 2.830 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX007770.D

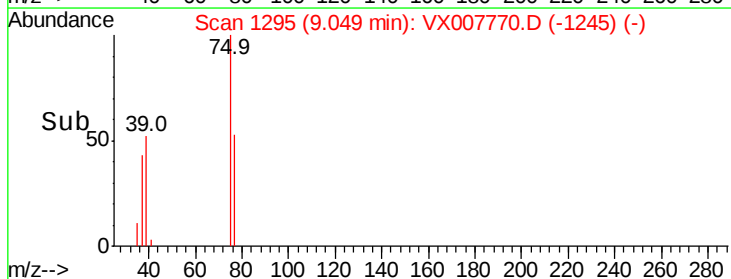
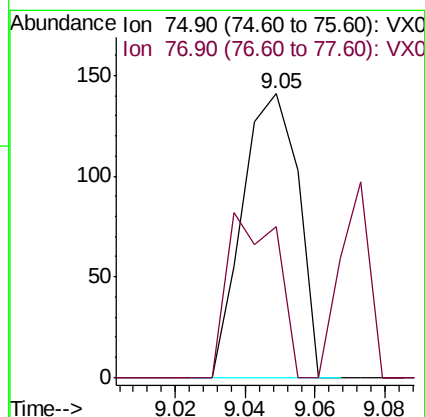
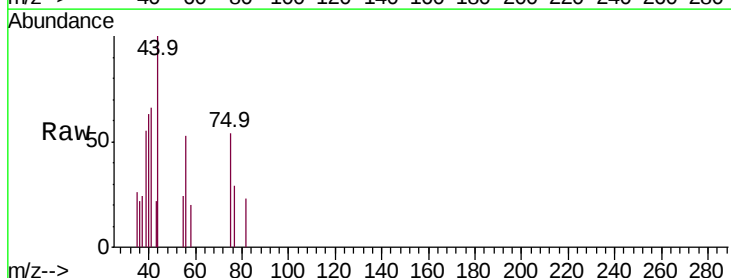
Acq: 28 Feb 2019 16:52

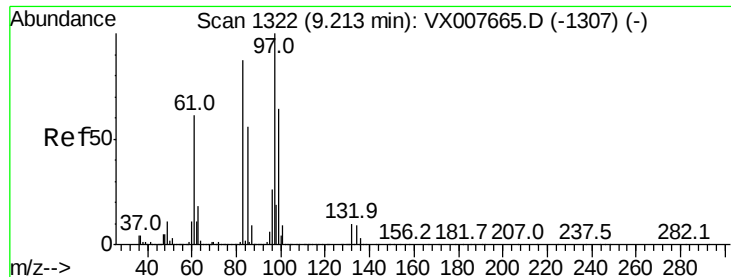
Tgt Ion: 75 Resp: 156

Ion Ratio Lower Upper

75 100

77 53.2 25.2 37.8#

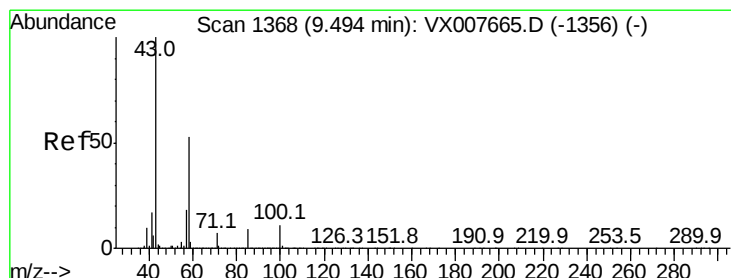
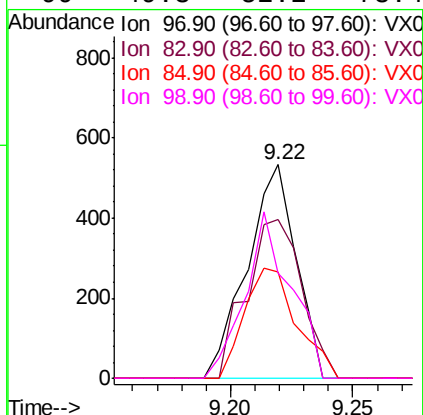
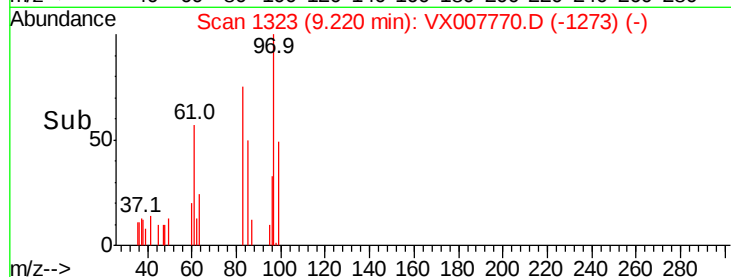
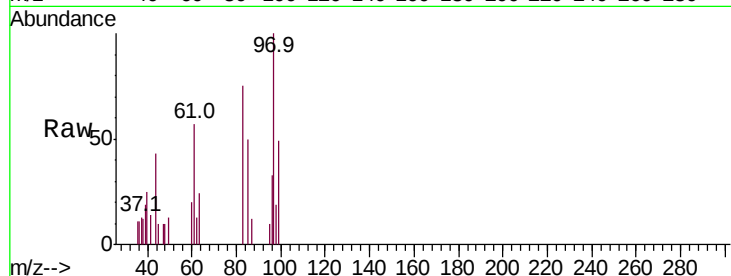




#55
 1,1,2-Trichloroethane
 Concen: 0.208 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX007770.D
 Acq: 28 Feb 2019 16:52

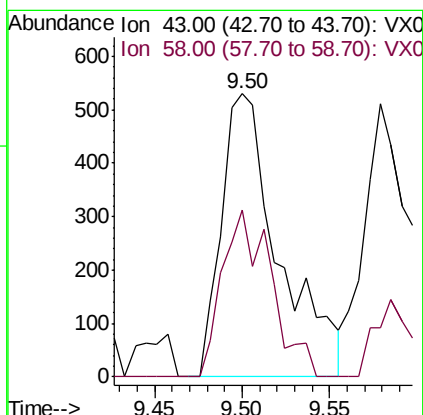
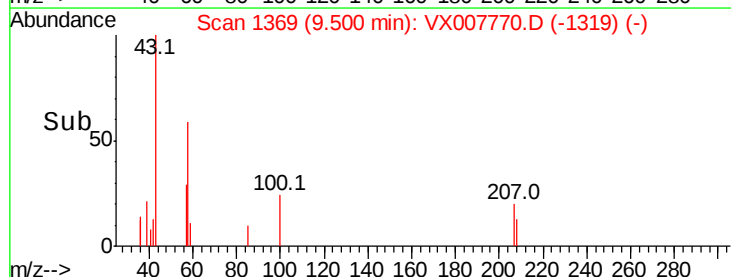
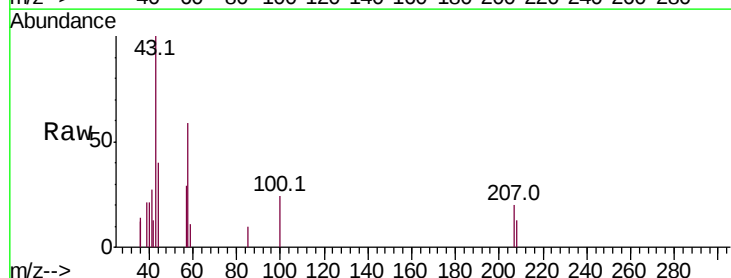
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-400-402

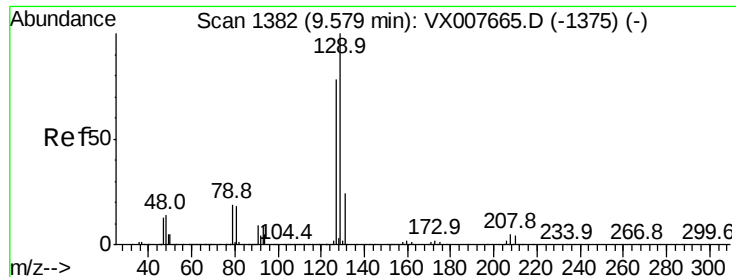
Tot Ion:	97	Resp:	743
Ion	Ratio	Lower	Upper
97	100		
83	74.5	68.6	102.8
85	50.0	44.5	66.7
99	49.3	52.2	78.4#



#59
 2-Hexanone
 Concen: 0.306 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VX007770.D
 Acq: 28 Feb 2019 16:52

Tgt Ion:	43	Resp:	1209
Ion	Ratio	Lower	Upper
43	100		
58	50.3	27.1	81.3





#60

Dibromochloromethane

Concen: 14.342 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

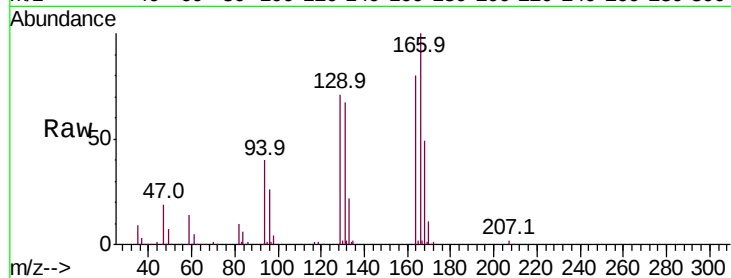
BP-VPB201-GW-400-402

Tot Ion:129 Resp: 49321

Ion Ratio Lower Upper

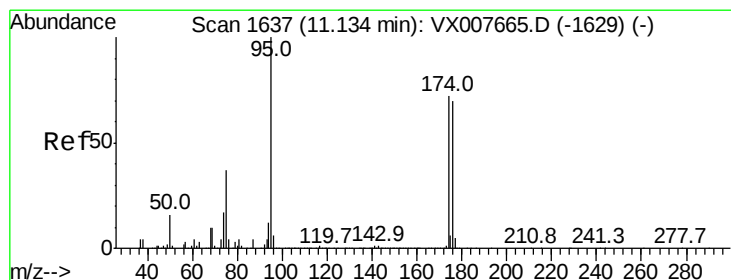
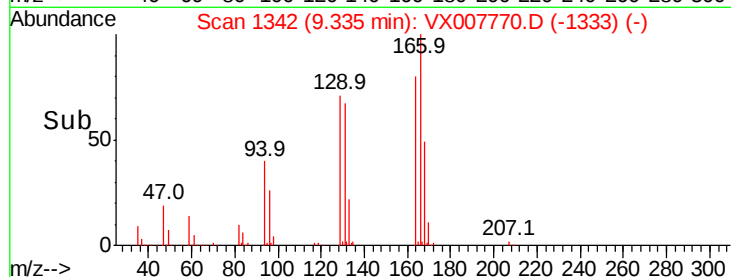
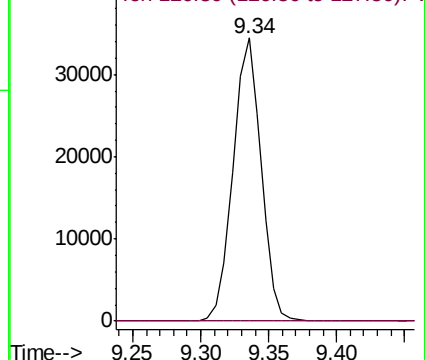
129 100

127 0.1 37.8 113.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

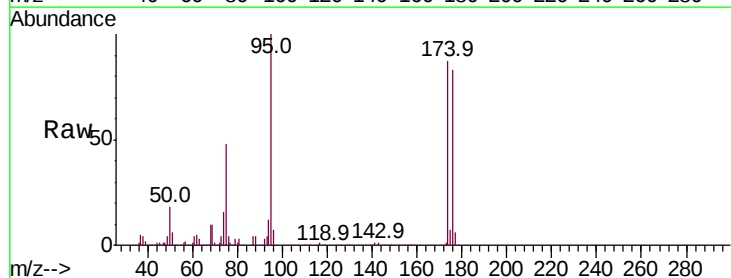
Tgt Ion: 95 Resp: 215459

Ion Ratio Lower Upper

95 100

174 92.9 0.0 189.2

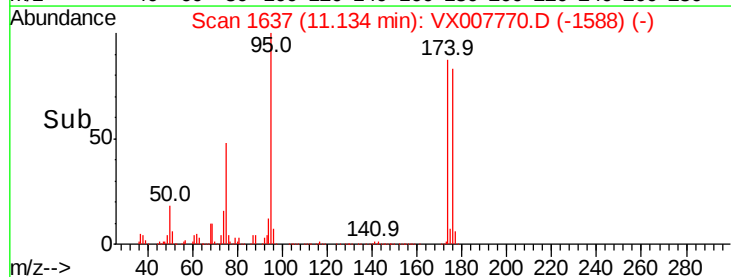
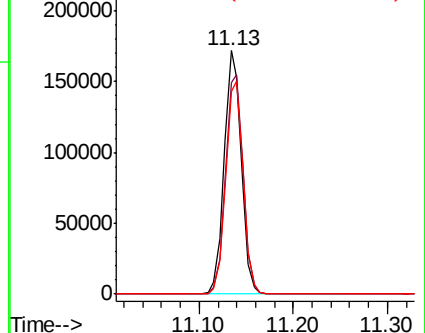
176 89.0 0.0 186.2

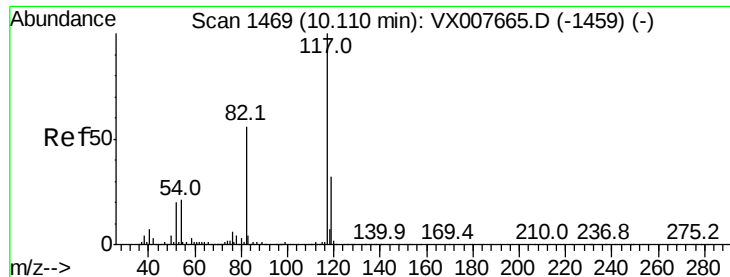


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

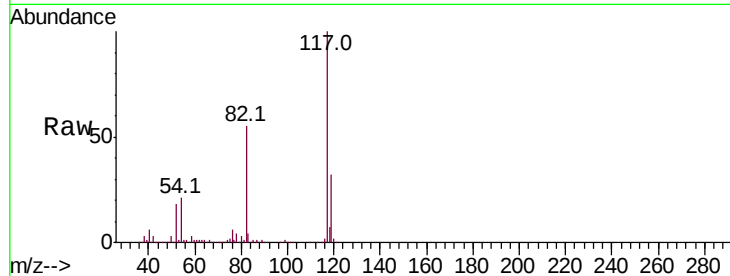
Tot Ion:117 Resp: 463252

Ion Ratio Lower Upper

117 100

82 55.3 42.1 63.1

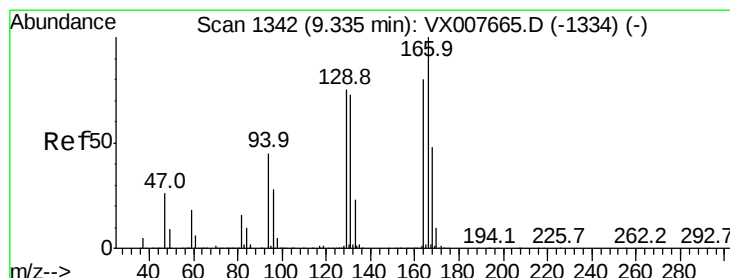
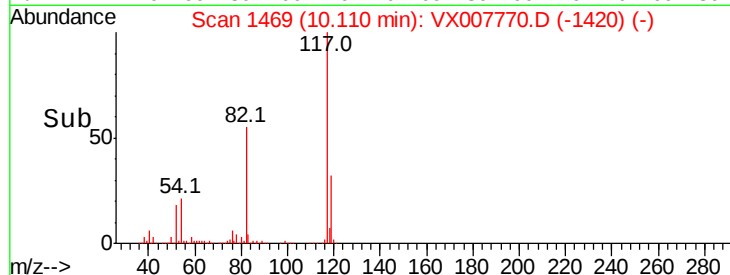
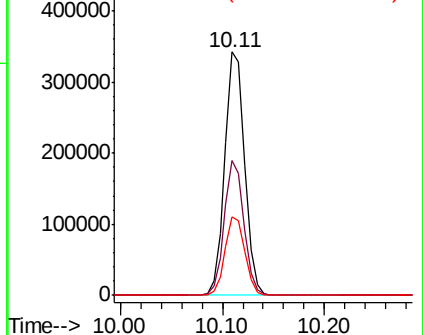
119 32.1 26.5 39.7



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: 14.787 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Tgt Ion:164 Resp: 55612

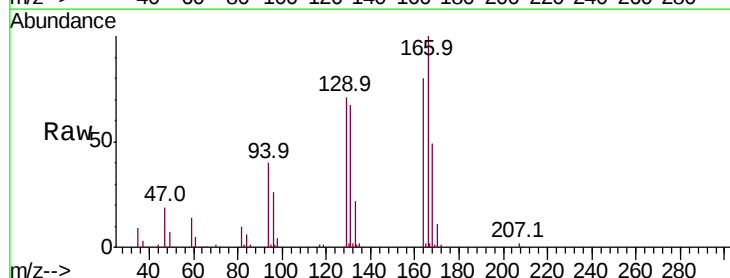
Ion Ratio Lower Upper

164 100

166 125.2 101.0 151.4

129 88.4 70.5 105.7

131 84.3 69.8 104.6

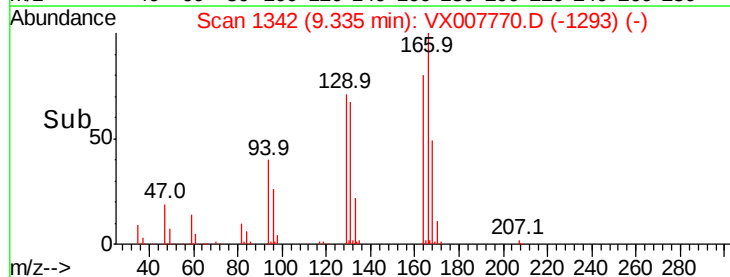
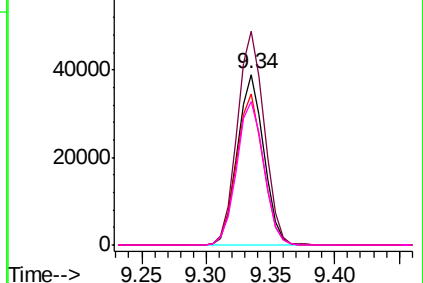


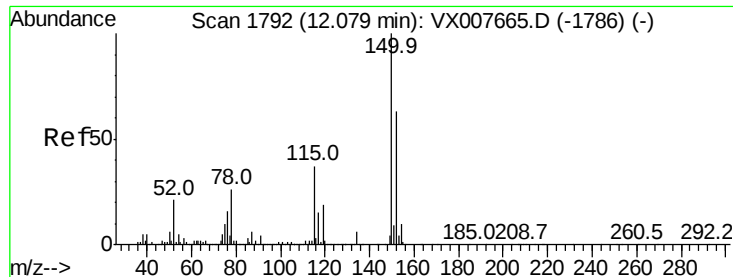
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

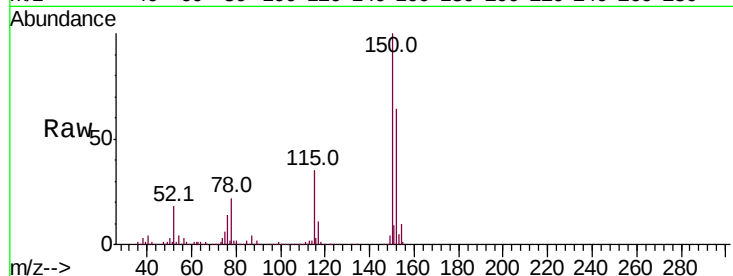
Tot Ion:152 Resp: 221395

Ion Ratio Lower Upper

152 100

115 55.1 38.0 114.0

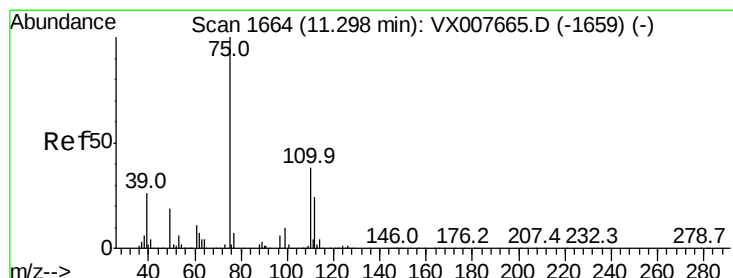
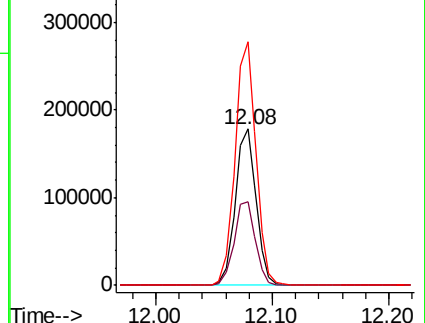
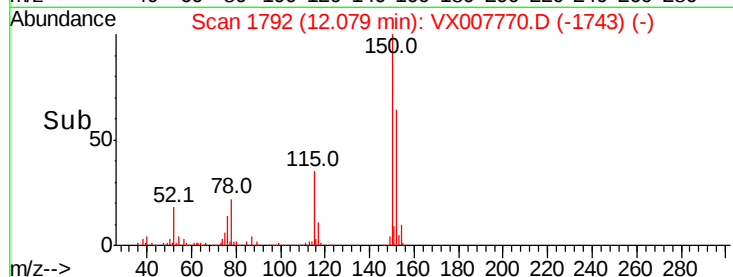
150 156.7 0.0 346.4



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: 22.002 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007770.D

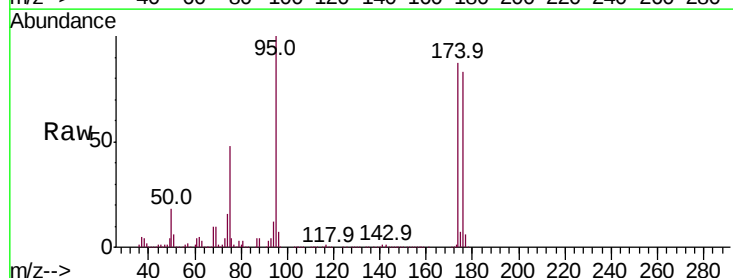
Acq: 28 Feb 2019 16:52

Tgt Ion: 75 Resp: 103829

Ion Ratio Lower Upper

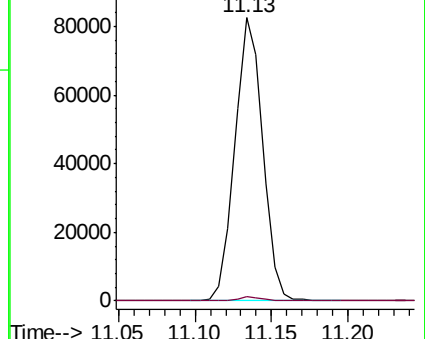
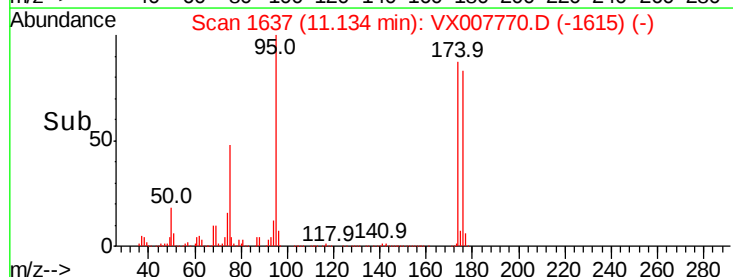
75 100

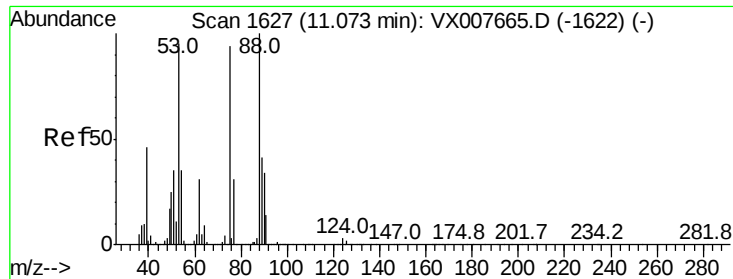
77 1.3 23.0 69.0#



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: 58.419 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

Tot Ion: 75 Resp: 103829

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

