

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007774.D
 Acq On : 28 Feb 2019 18:39
 Operator : JC/SP
 Sample : K1641-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-380-382

Quant Time: Mar 01 01:32:59 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	327121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	487930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233692	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	193647	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	5.51	113	165290	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	626956	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	227331	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

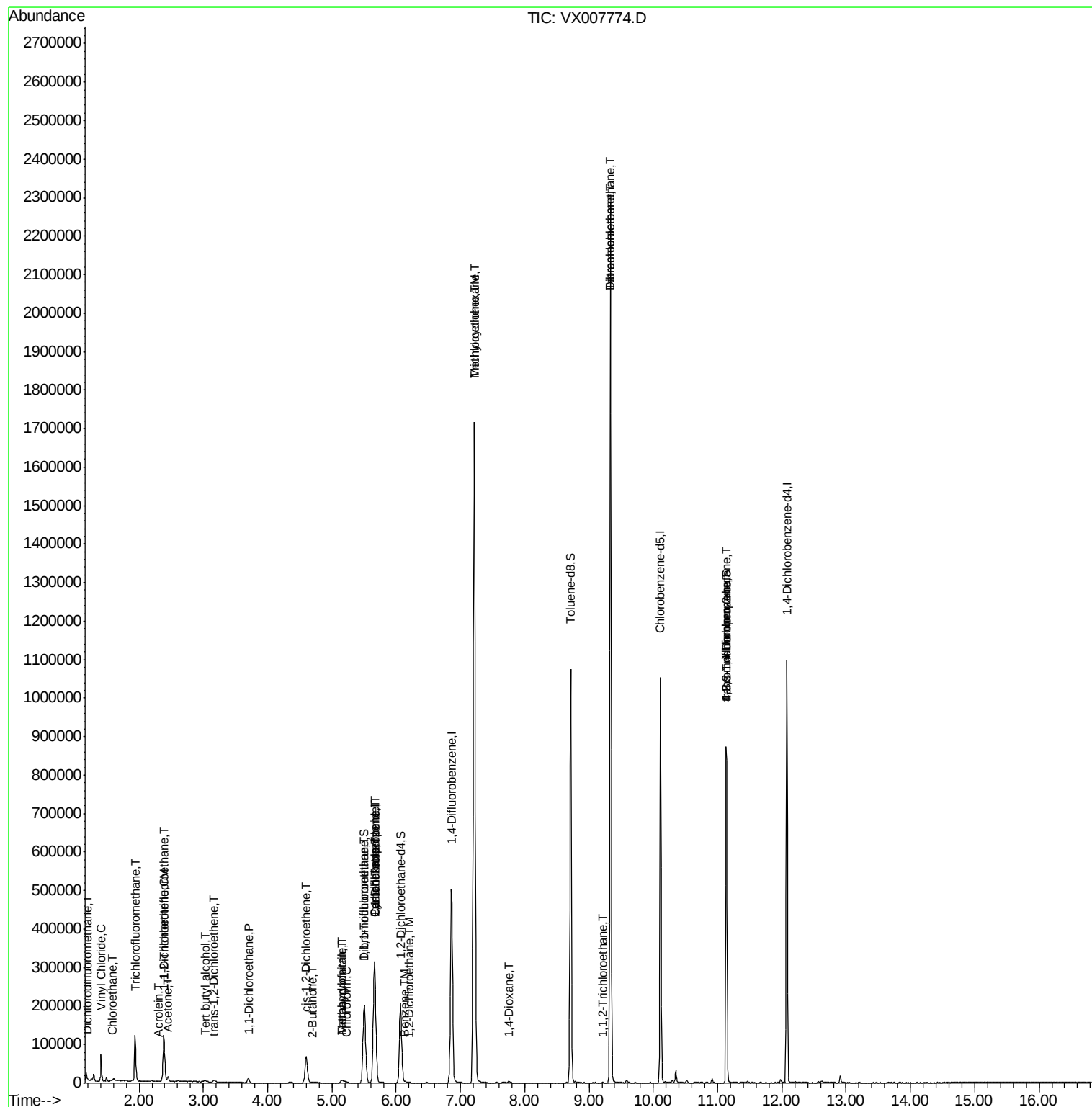
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3088	1.025	ug/l	100
4) Vinyl Chloride	1.41	62	39398	11.500	ug/l	100
5) Bromomethane	1.65	94	98	Below Cal		82
6) Chloroethane	1.58	64	3533	1.614	ug/l #	56
7) Trichlorofluoromethane	1.94	101	80714	15.368	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25453	8.018	ug/l	97
11) Tert butyl alcohol	3.03	59	3104	4.037	ug/l #	81
12) 1,1-Dichloroethene	2.38	96	23986	8.383	ug/l	90
13) Acrolein	2.30	56	276	0.404	ug/l #	77
16) Acetone	2.45	43	10750	5.966	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	1438	0.462	ug/l	91
24) 1,1-Dichloroethane	3.70	63	12377	2.068	ug/l	97
25) 2-Butanone	4.70	43	3352	1.221	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	44241	11.177	ug/l	97
29) Tetrahydrofuran	5.15	42	7058	3.901	ug/l #	88
30) Chloroform	5.22	83	2952	0.460	ug/l	84
31) Cyclohexane	5.67	56	5866	1.042	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	9552	1.801	ug/l	96
36) 1,1-Dichloropropene	5.66	75	21687	4.742	ug/l #	47
38) Carbon Tetrachloride	5.67	117	28414	6.185	ug/l #	17
39) Methylcyclohexane	7.21	83	7572	1.310	ug/l #	1
40) Benzene	6.14	78	2934	0.208	ug/l	93
41) Methacrylonitrile	5.16	41	4300	1.585	ug/l #	47
42) 1,2-Dichloroethane	6.20	62	1009	0.213	ug/l	80
44) Trichloroethene	7.21	130	676977	174.302	ug/l	95
49) 1,4-Dioxane	7.75	88	3088	34.882	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	745	0.201	ug/l #	83
60) Dibromochloromethane	9.34	129	410839	115.003	ug/l #	12
64) Tetrachloroethene	9.34	164	460509	116.258	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	109699	22.022	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	109699	58.471	ug/l #	9

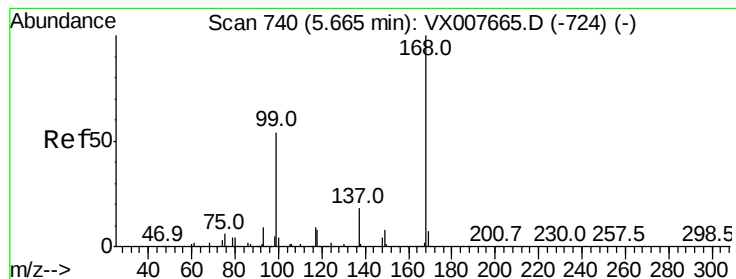
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

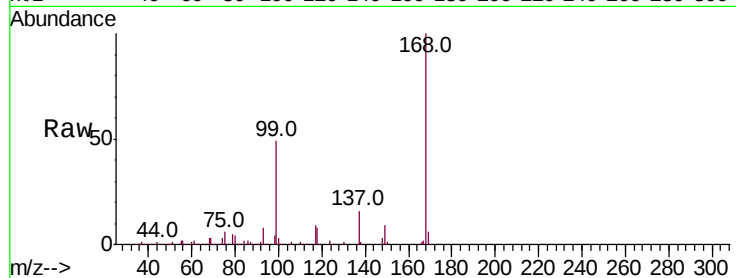
BP-VPB201-GW-380-382

Tot Ion:168 Resp: 327121

Ion Ratio Lower Upper

168 100

99 48.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

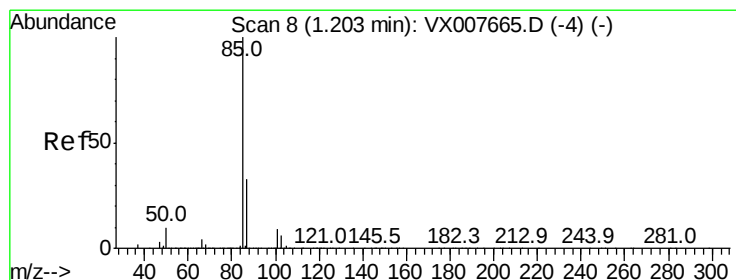
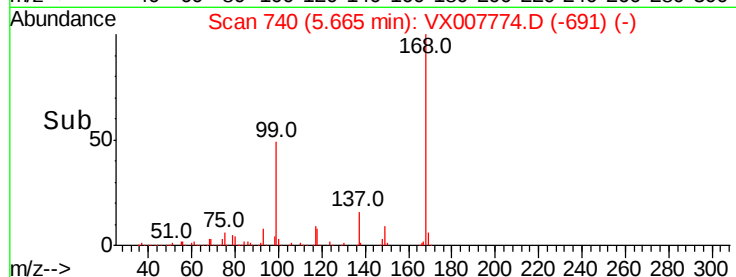
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.025 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007774.D

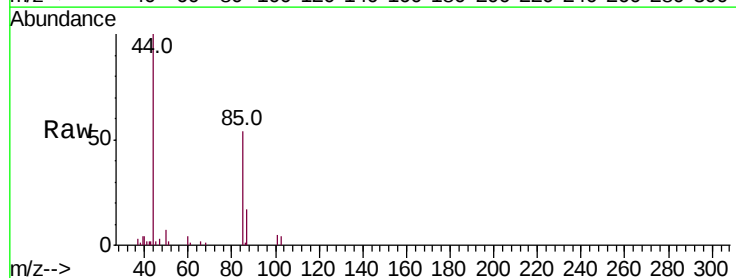
Acq: 28 Feb 2019 18:39

Tgt Ion: 85 Resp: 3088

Ion Ratio Lower Upper

85 100

87 31.4 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

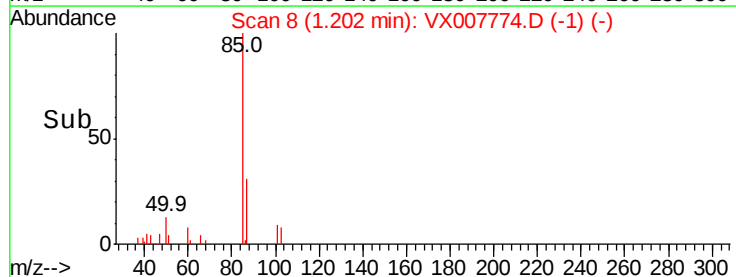
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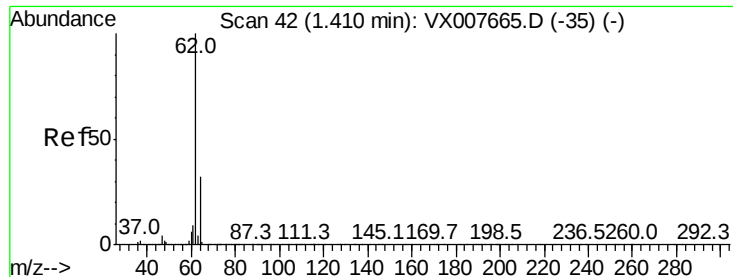
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 11.500 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

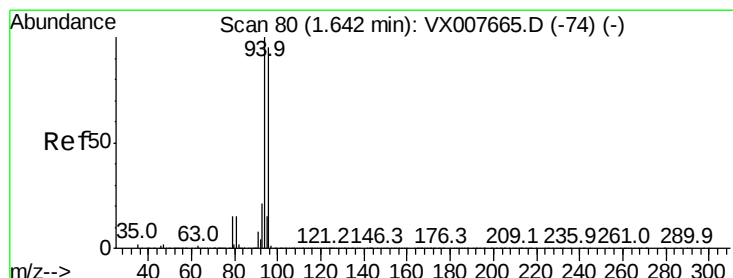
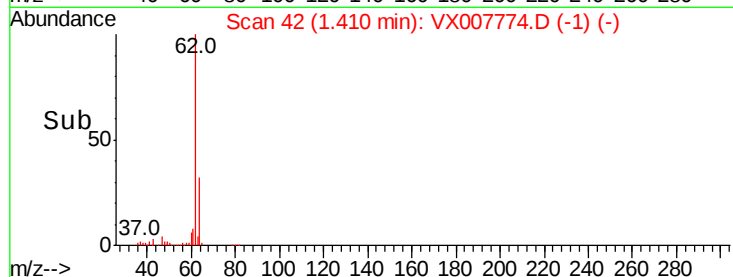
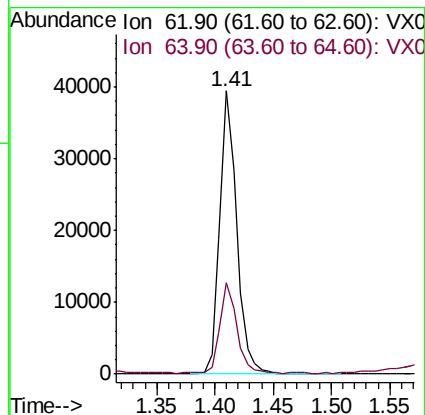
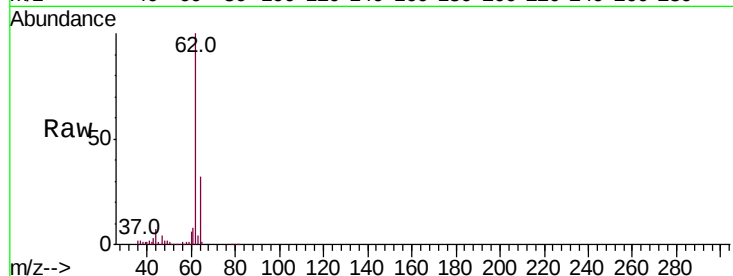
BP-VPB201-GW-380-382

Tot Ion: 62 Resp: 39398

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007774.D

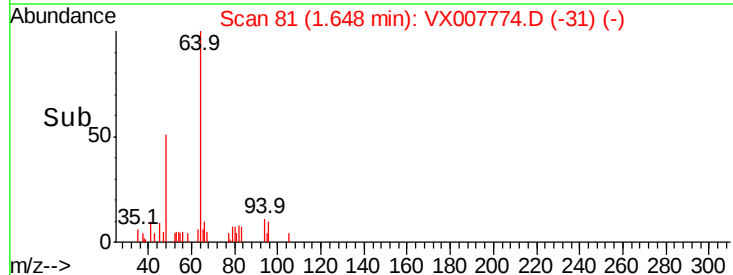
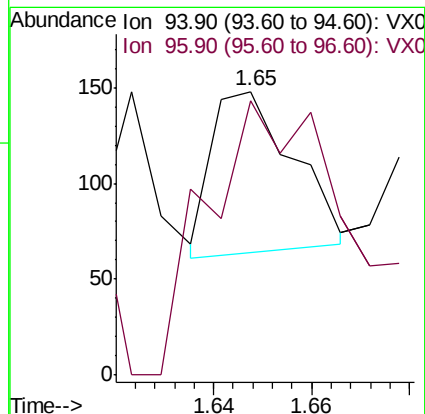
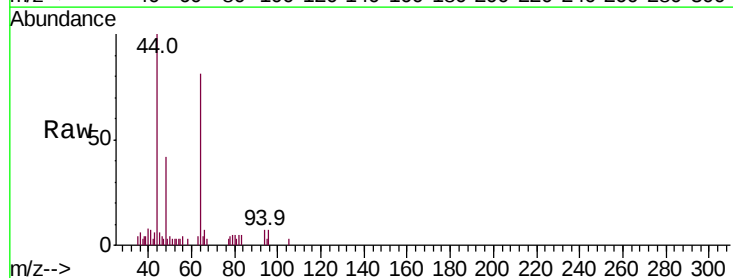
Acq: 28 Feb 2019 18:39

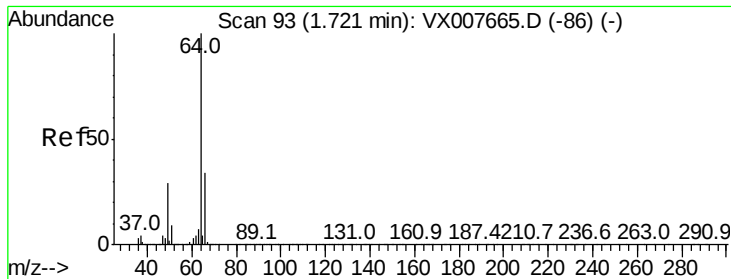
Tgt Ion: 94 Resp: 98

Ion Ratio Lower Upper

94 100

96 75.0 73.9 110.9





#6

Chloroethane

Concen: 1.614 ug/l

RT: 1.58 min Scan# 70

Delta R.T. -0.14 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

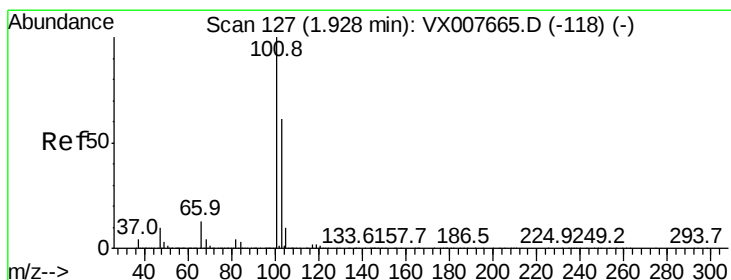
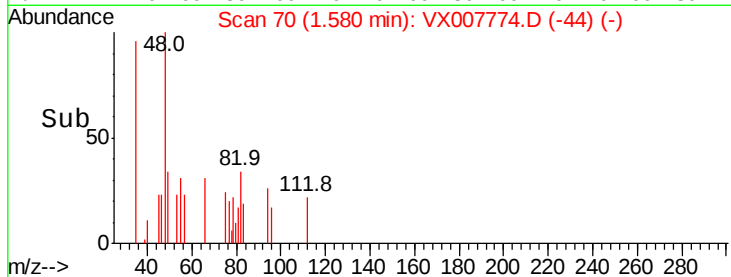
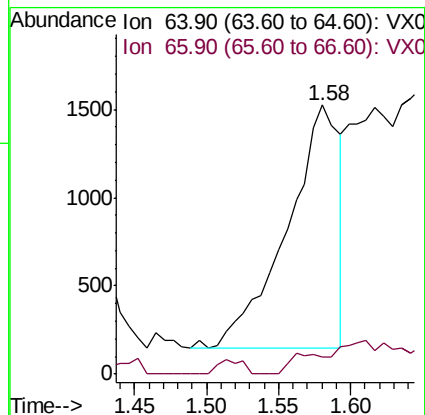
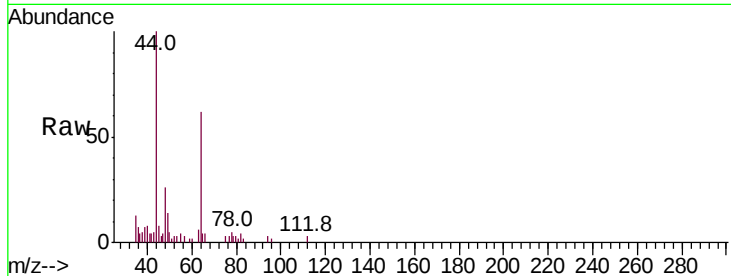
BP-VPB201-GW-380-382

Tot Ion: 64 Resp: 3533

Ion Ratio Lower Upper

64 100

66 7.2 25.5 38.3#



#7

Trichlorofluoromethane

Concen: 15.368 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007774.D

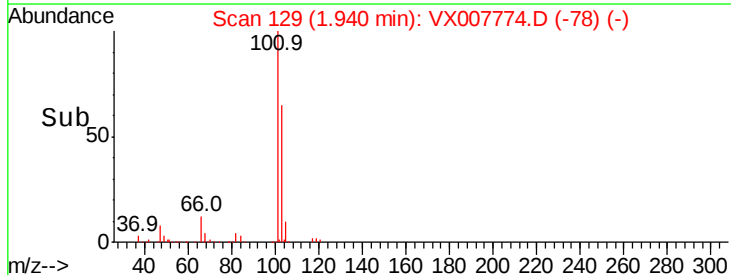
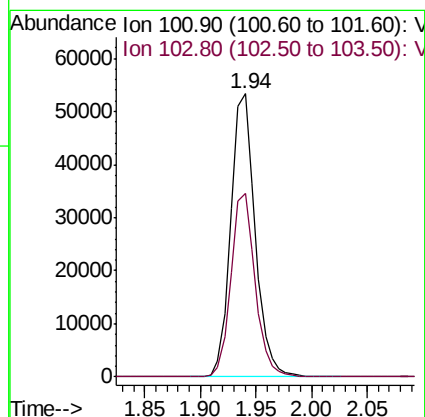
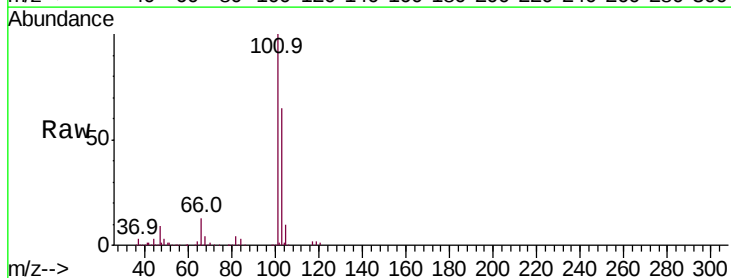
Acq: 28 Feb 2019 18:39

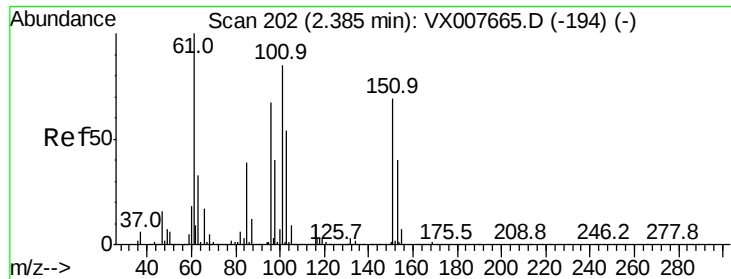
Tgt Ion: 101 Resp: 80714

Ion Ratio Lower Upper

101 100

103 65.0 52.6 79.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.018 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

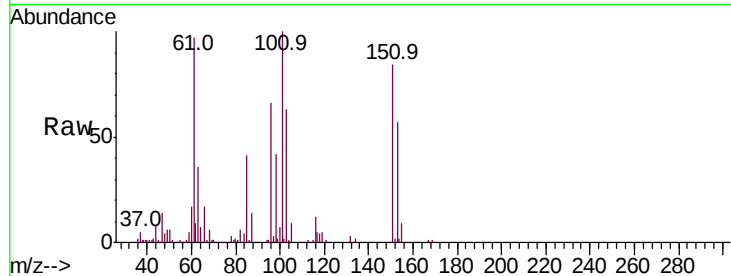
Tot Ion:101 Resp: 25453

Ion Ratio Lower Upper

101 100

85 42.8 34.1 51.1

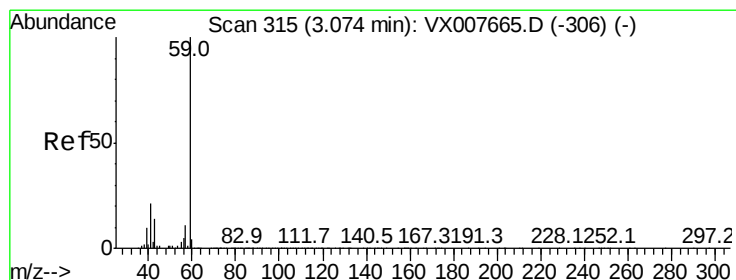
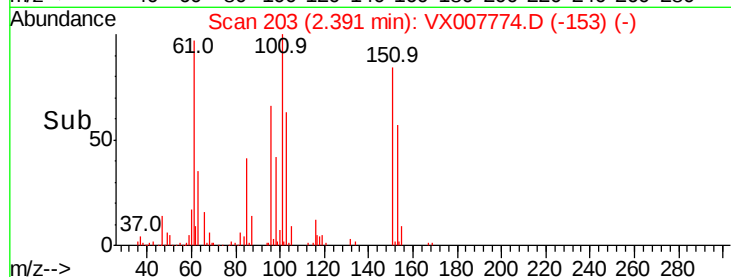
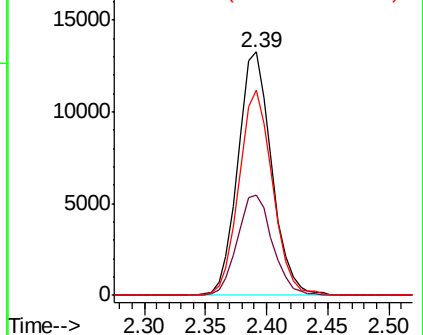
151 83.8 69.9 104.9



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: 4.037 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007774.D

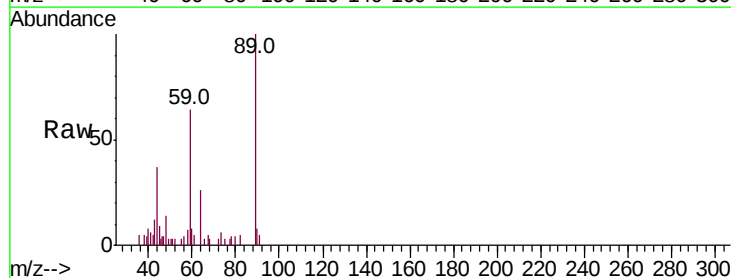
Acq: 28 Feb 2019 18:39

Tgt Ion: 59 Resp: 3104

Ion Ratio Lower Upper

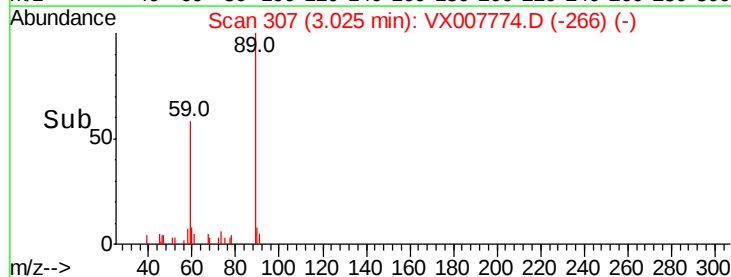
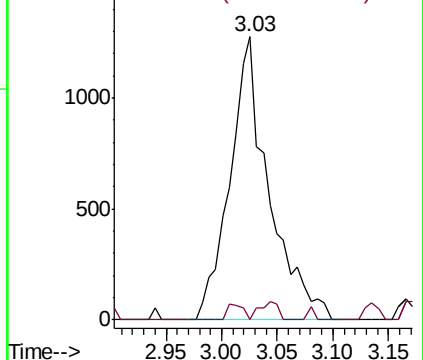
59 100

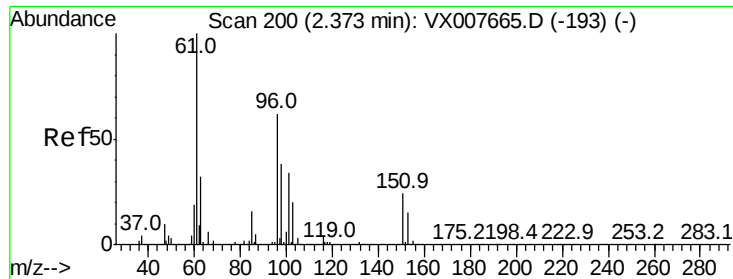
57 3.1 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 8.383 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

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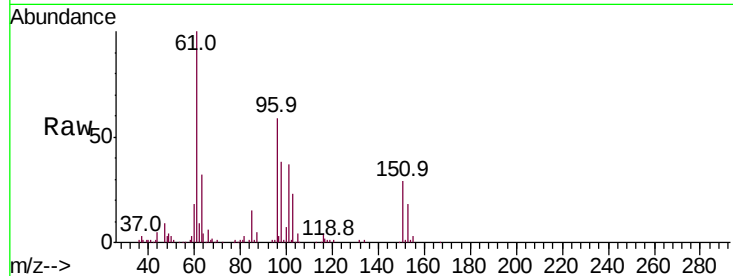
Tot Ion: 96 Resp: 23986

Ion Ratio Lower Upper

96 100

61 170.6 123.0 184.4

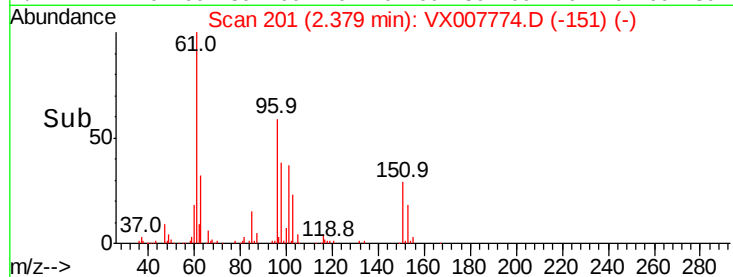
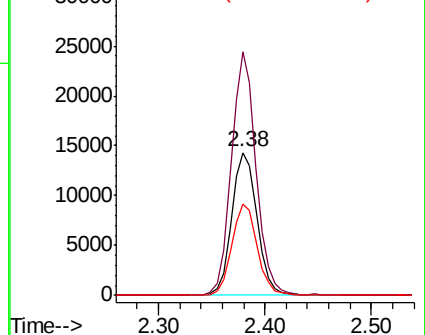
98 64.3 50.9 76.3



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: 0.404 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007774.D

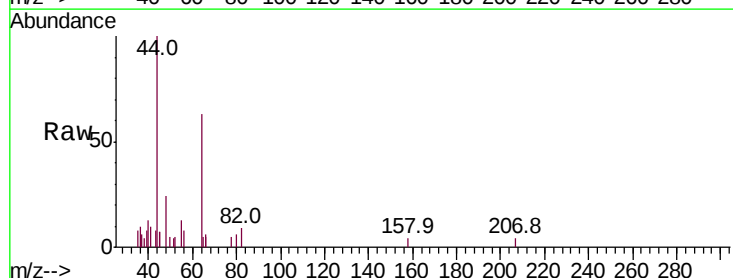
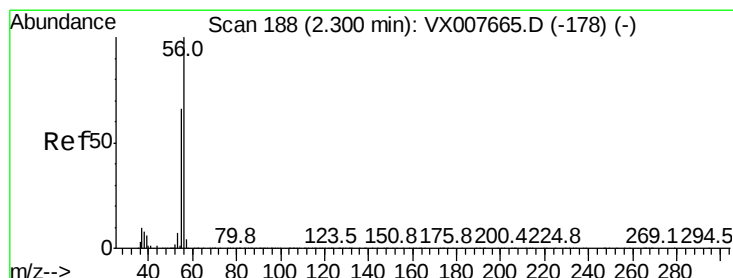
Acq: 28 Feb 2019 18:39

Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

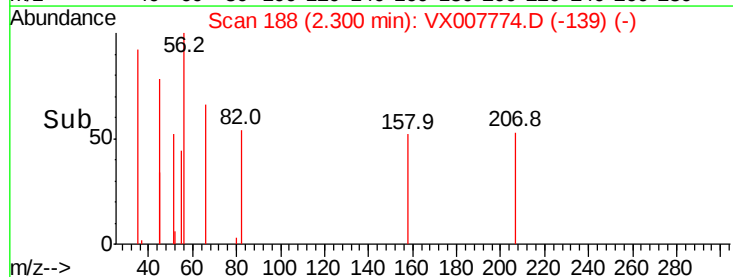
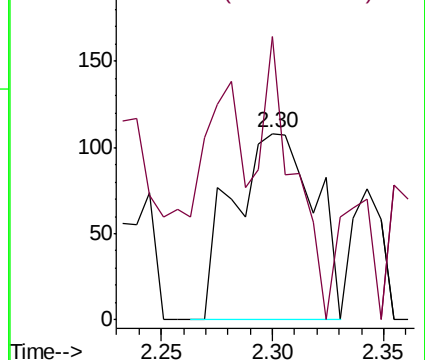
56 100

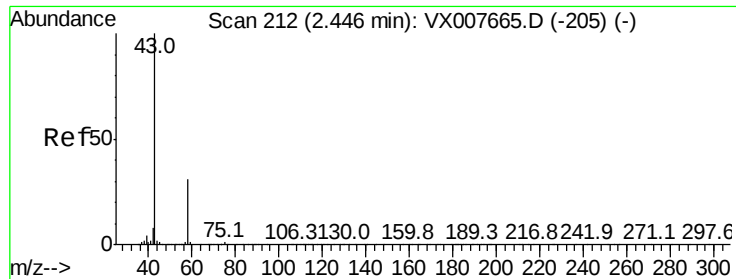
55 51.8 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 5.966 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

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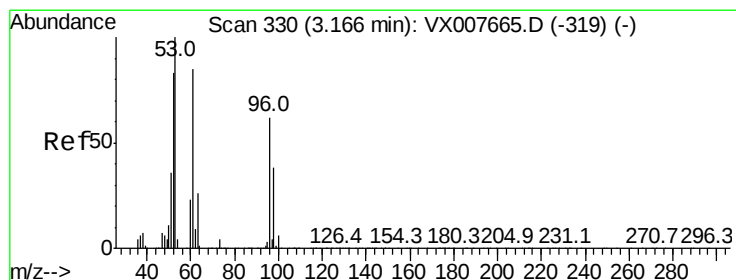
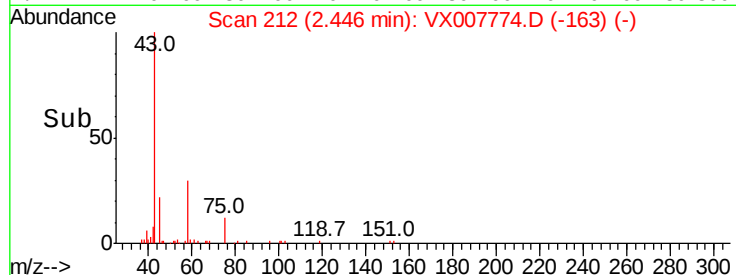
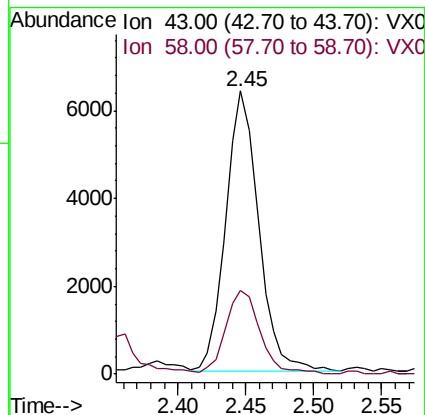
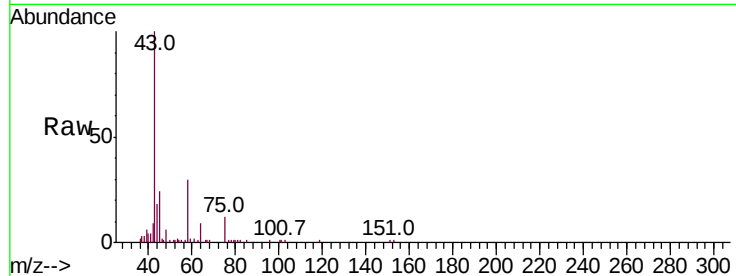
BP-VPB201-GW-380-382

Tot Ion: 43 Resp: 10750

Ion Ratio Lower Upper

43 100

58 30.1 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 0.462 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

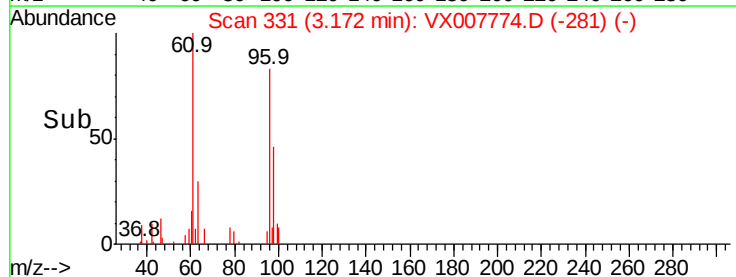
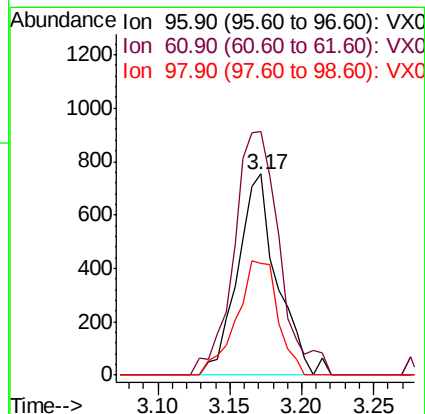
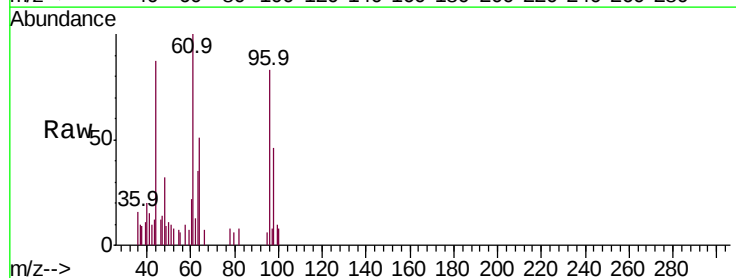
Tgt Ion: 96 Resp: 1438

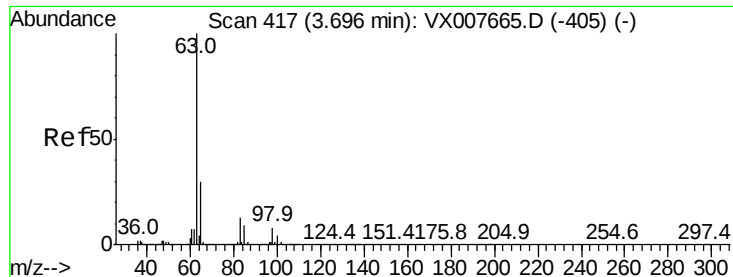
Ion Ratio Lower Upper

96 100

61 121.0 104.6 156.8

98 55.6 51.0 76.4





#24

1,1-Dichloroethane

Concen: 2.068 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

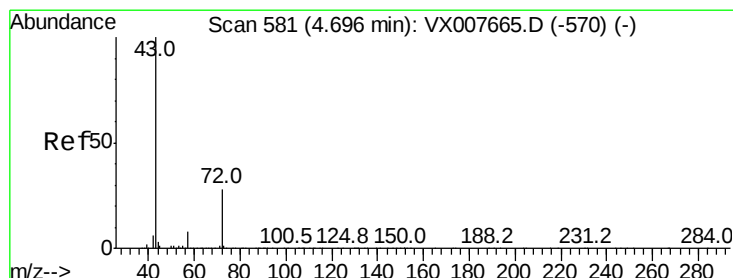
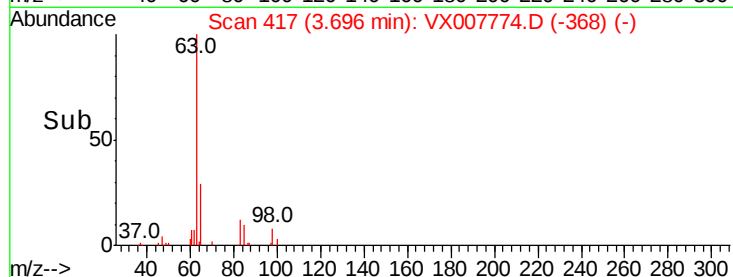
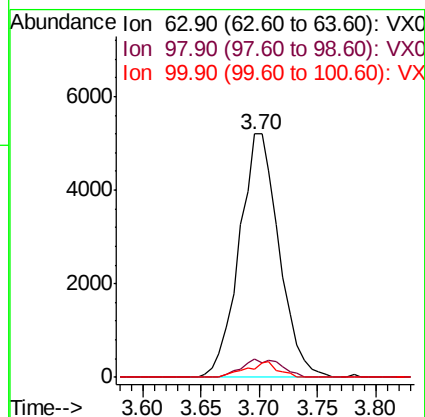
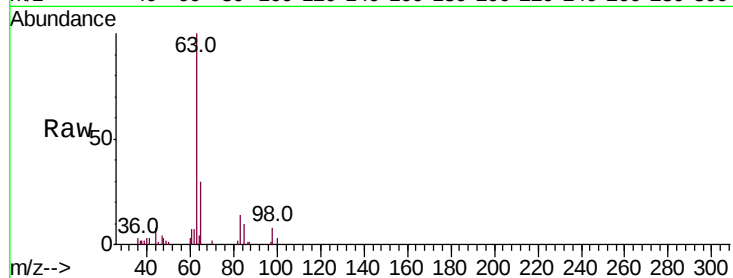
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

Tot Ion:	63	Resp:	12377
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.6	10.8
100	3.2	2.5	7.4



#25

2-Butanone

Concen: 1.221 ug/l

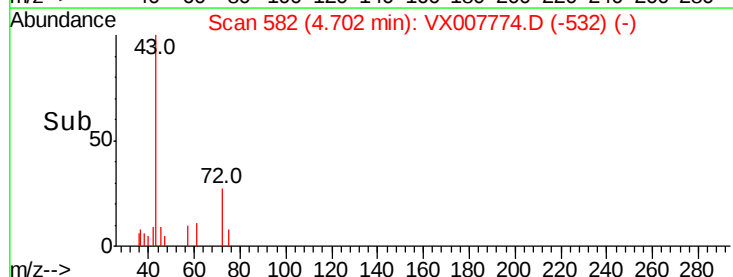
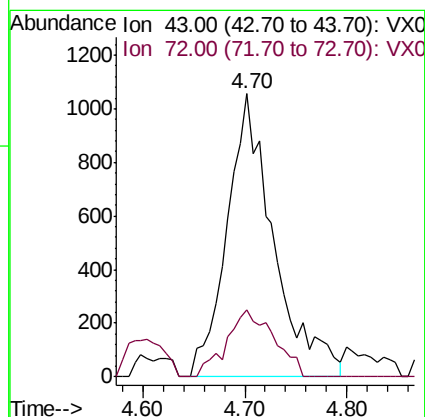
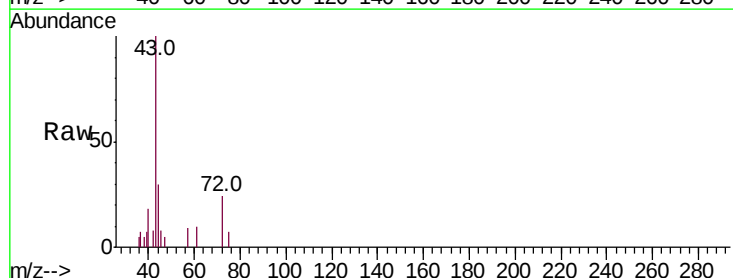
RT: 4.70 min Scan# 582

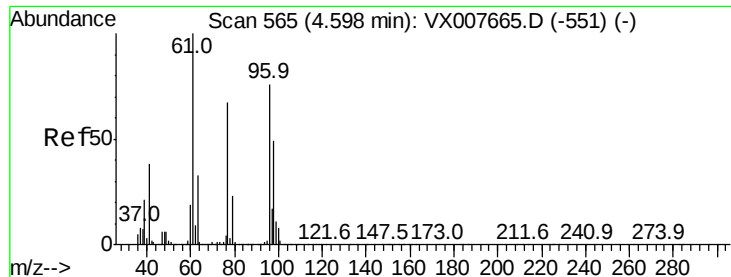
Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Tgt Ion:	43	Resp:	3352
Ion	Ratio	Lower	Upper
43	100		
72	23.6	22.2	33.2



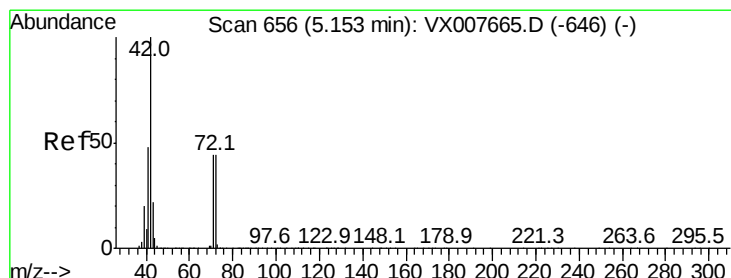
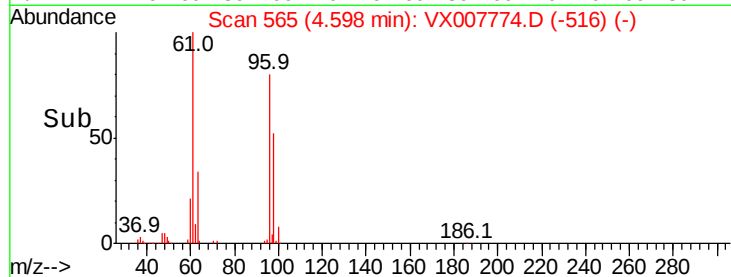
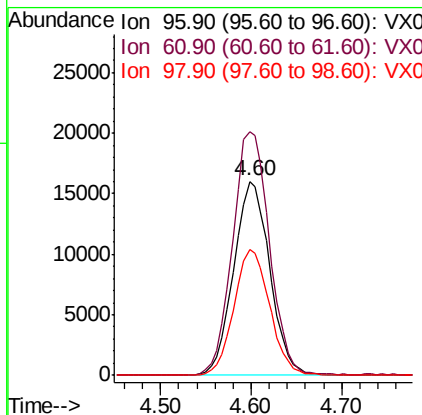
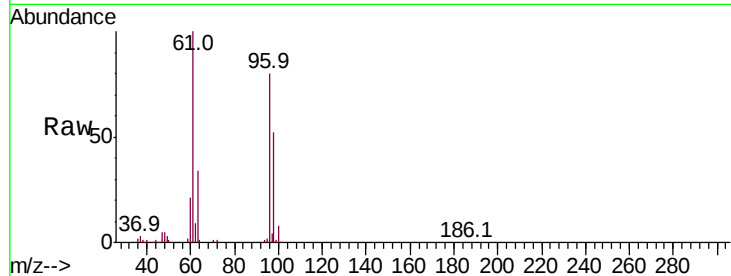


#27

cis-1,2-Dichloroethene
 Concen: 11.177 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007774.D
 Acq: 28 Feb 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-380-382

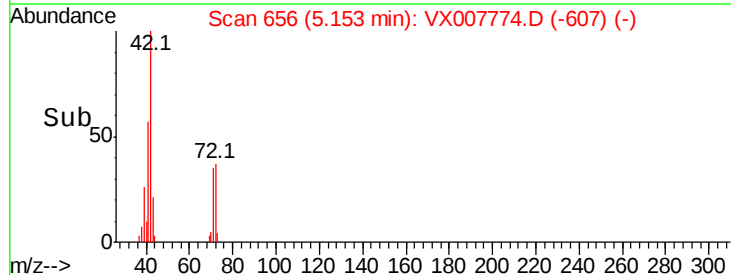
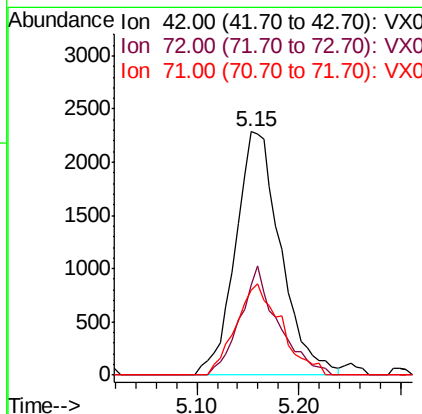
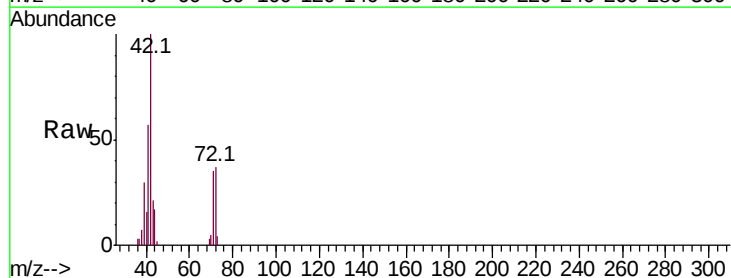
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	265.6
98	64.4	0.0	131.6

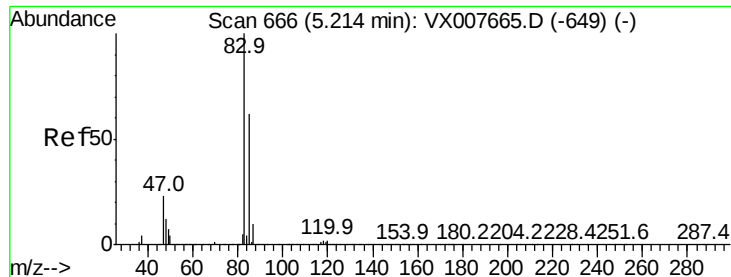


#29

Tetrahydrofuran
 Concen: 3.901 ug/l
 RT: 5.15 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX007774.D
 Acq: 28 Feb 2019 18:39

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.3	37.6	56.4#
71	37.4	34.6	51.8

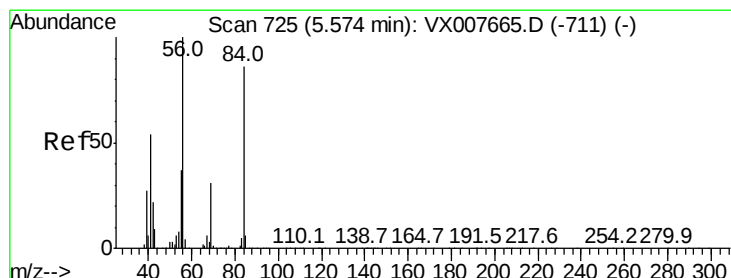
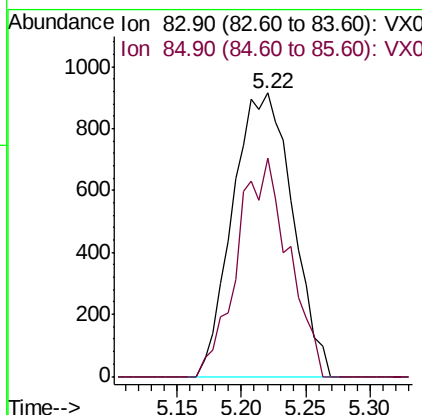
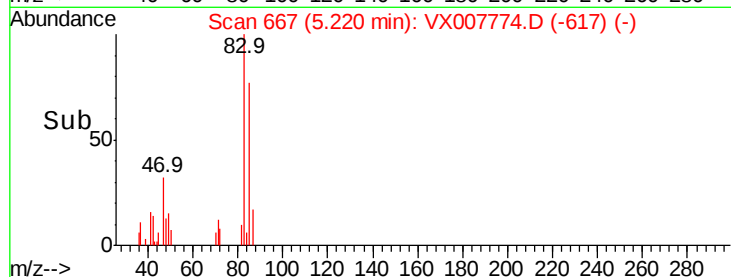
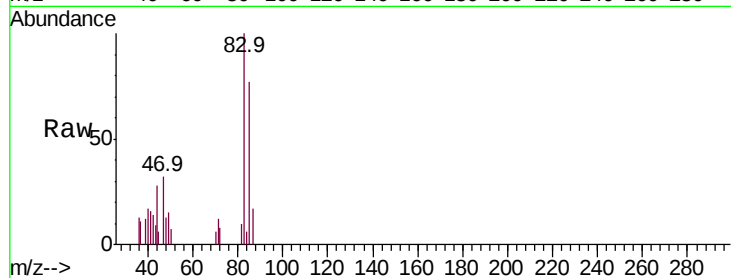




#30
Chloroform
Concen: 0.460 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

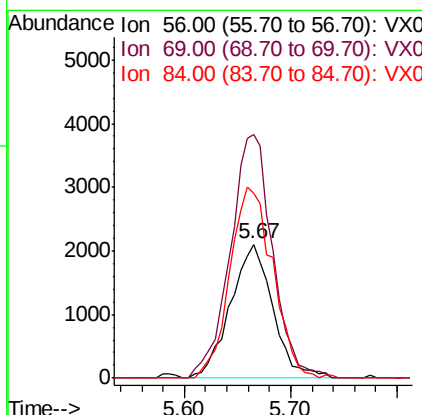
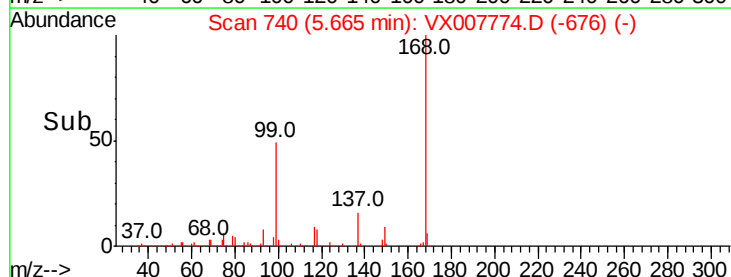
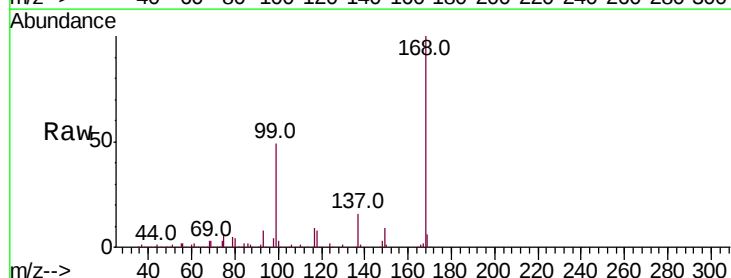
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382

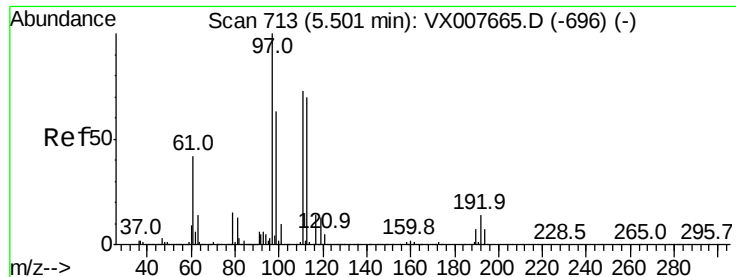
Tot Ion: 83 Resp: 2952
Ion Ratio Lower Upper
83 100
85 77.0 51.6 77.4



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

Tgt Ion: 56 Resp: 5866
Ion Ratio Lower Upper
56 100
69 182.2 23.0 34.6#
84 138.0 69.8 104.6#





#32

1,1,1-Trichloroethane

Concen: 1.801 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

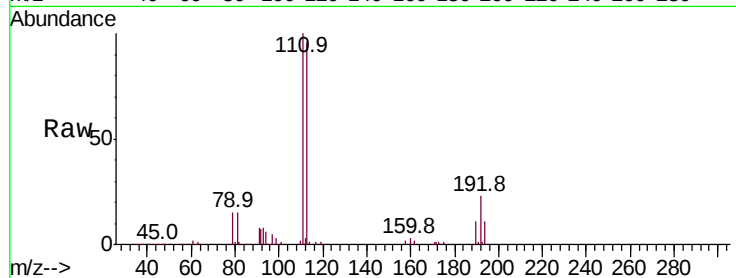
Tot Ion: 97 Resp: 9552

Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.2

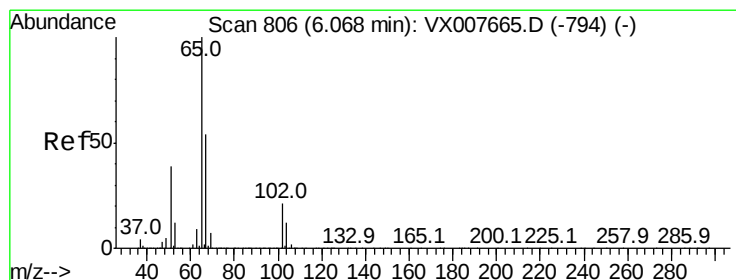
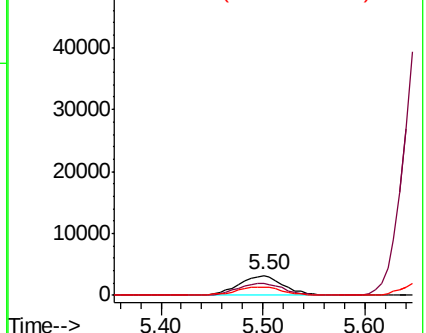
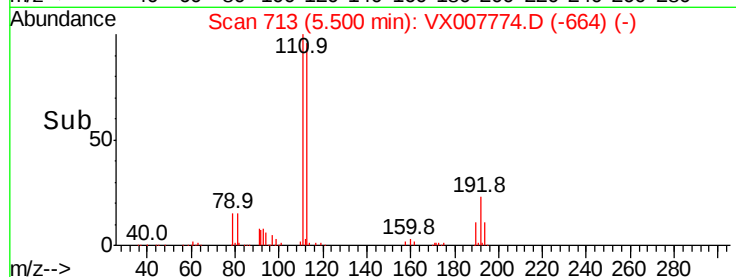
61 45.7 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.791 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007774.D

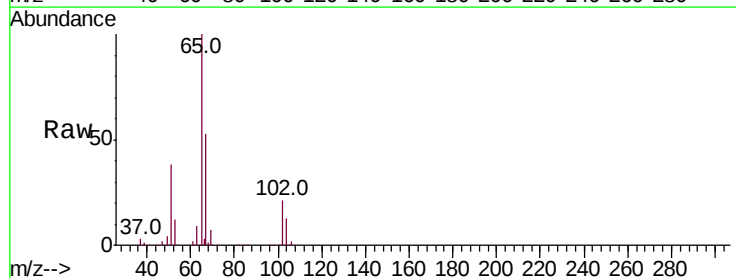
Acq: 28 Feb 2019 18:39

Tgt Ion: 65 Resp: 193647

Ion Ratio Lower Upper

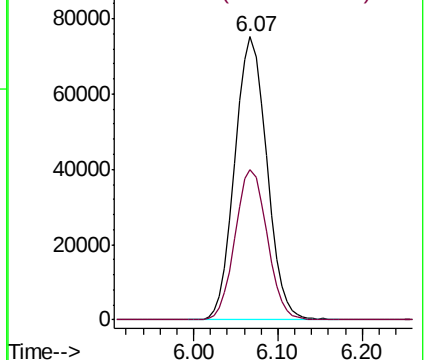
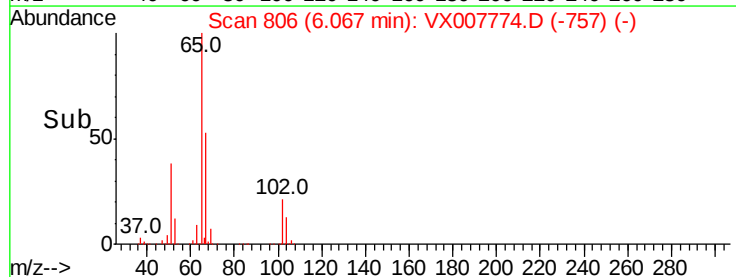
65 100

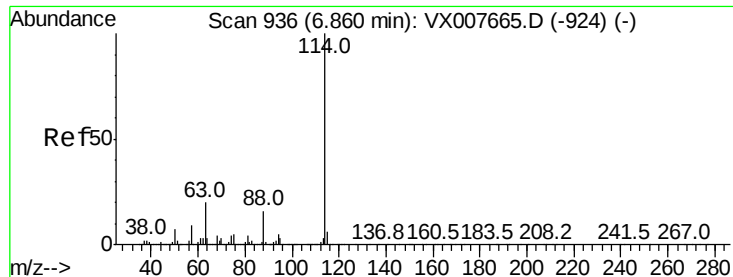
67 53.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

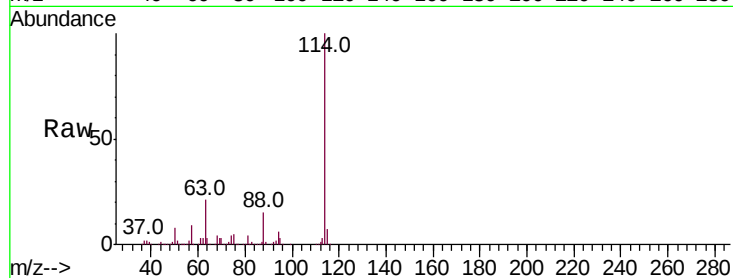
Tot Ion:114 Resp: 508736

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.6

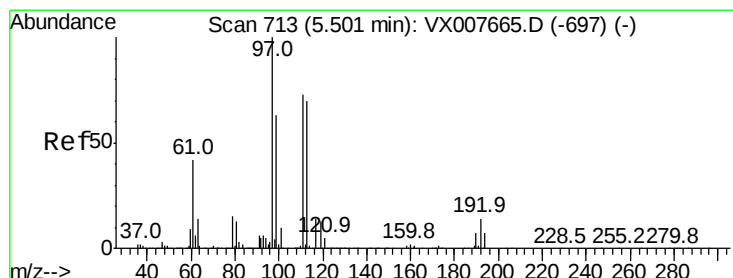
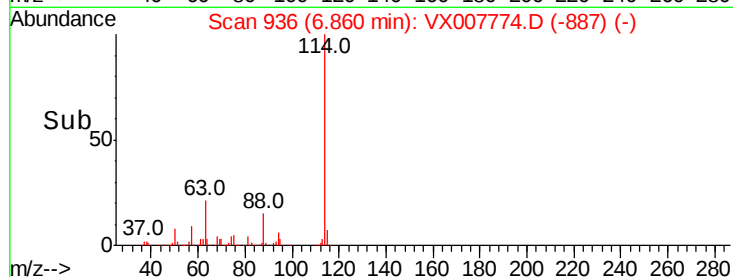
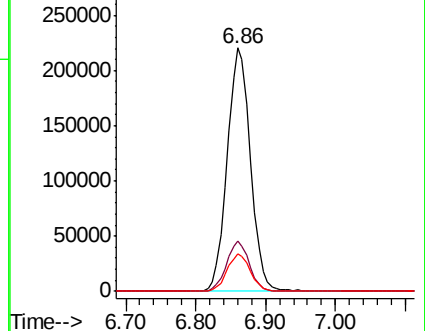
88 15.4 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.604 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

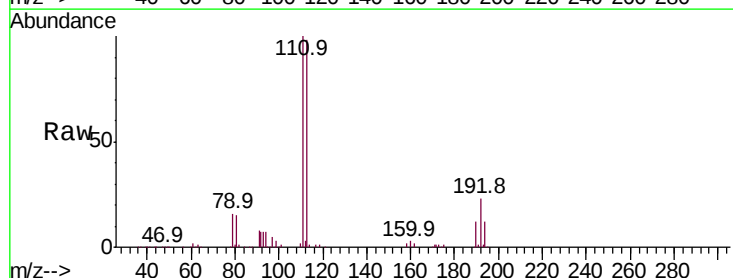
Tgt Ion:113 Resp: 165290

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

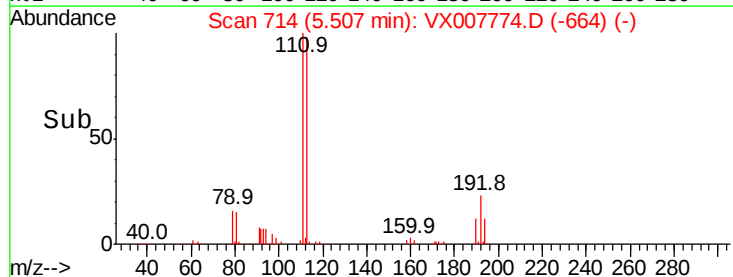
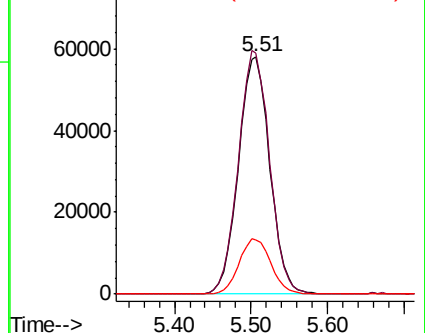
192 23.7 18.5 27.7

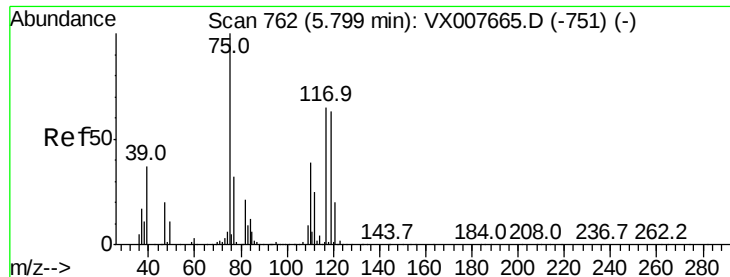


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.742 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

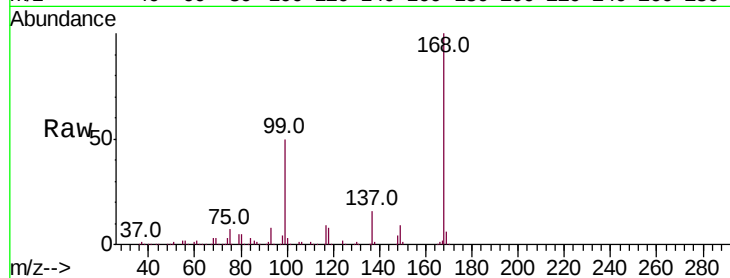
Tot Ion: 75 Resp: 21687

Ion Ratio Lower Upper

75 100

110 8.6 20.0 59.9#

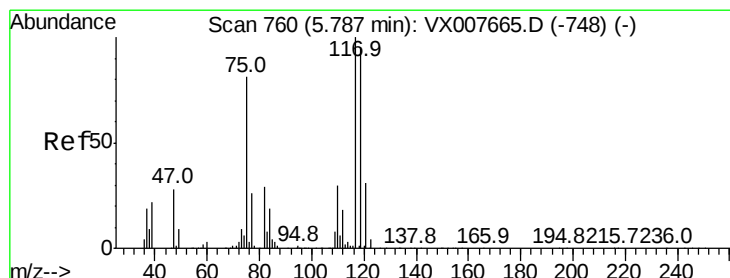
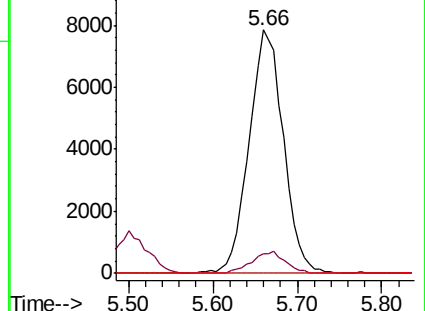
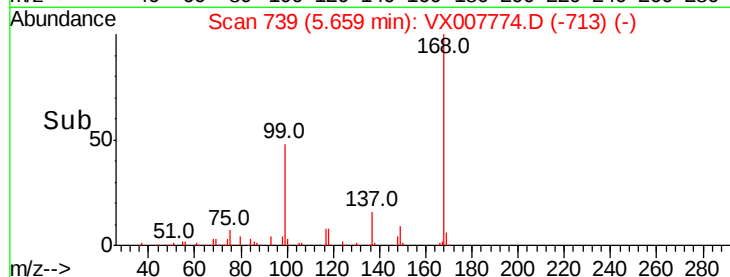
77 0.0 24.7 37.1#



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: 6.185 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

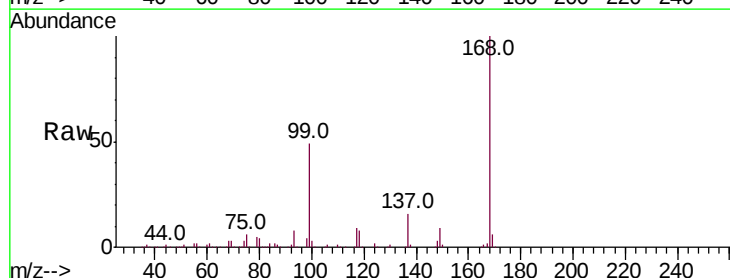
Tgt Ion: 117 Resp: 28414

Ion Ratio Lower Upper

117 100

119 5.2 75.3 112.9#

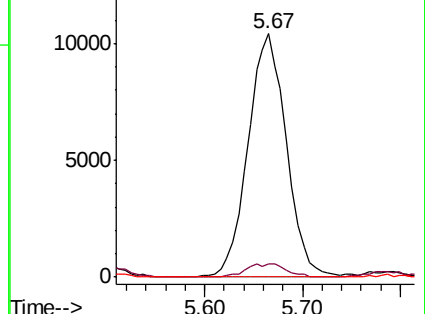
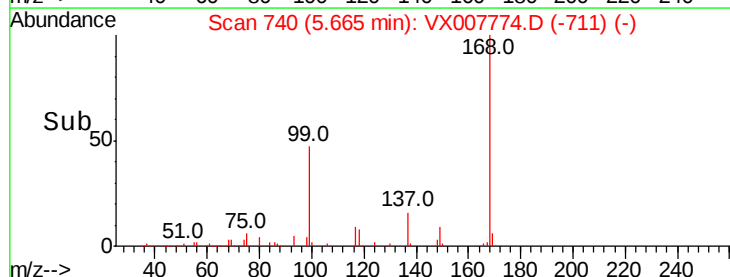
121 0.0 25.0 37.4#

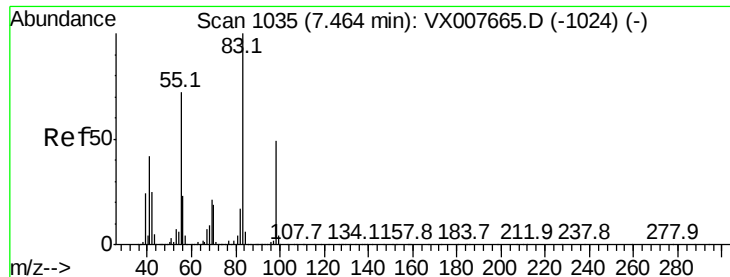


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

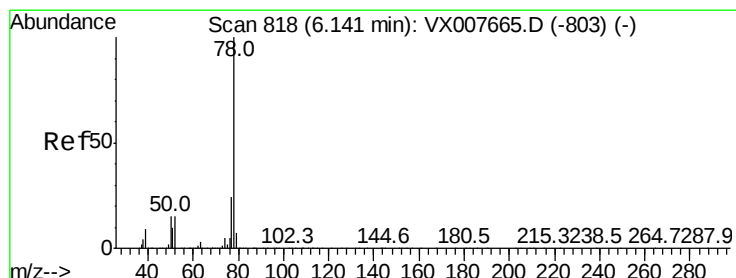
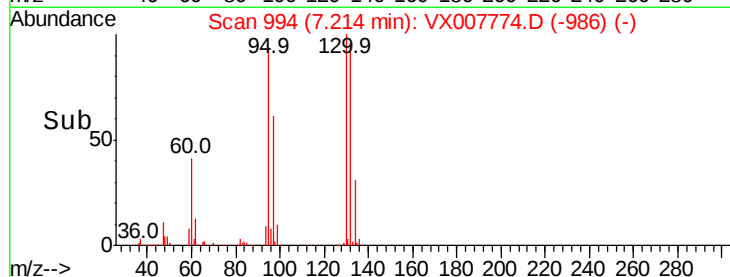
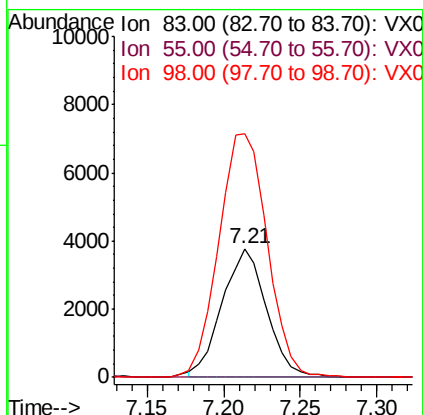
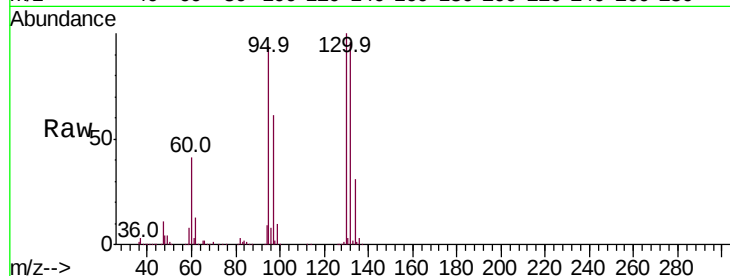




#39
Methvlcvclohexane
Concen: 1.310 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

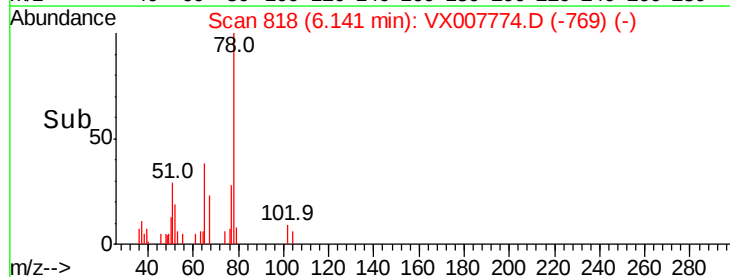
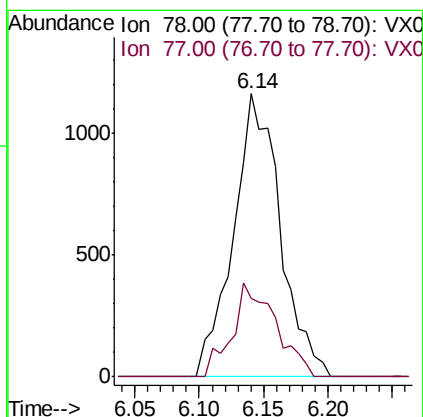
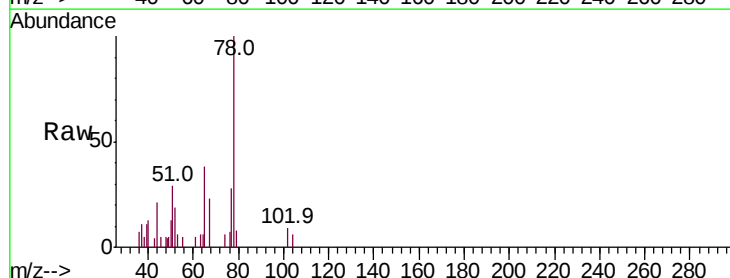
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382

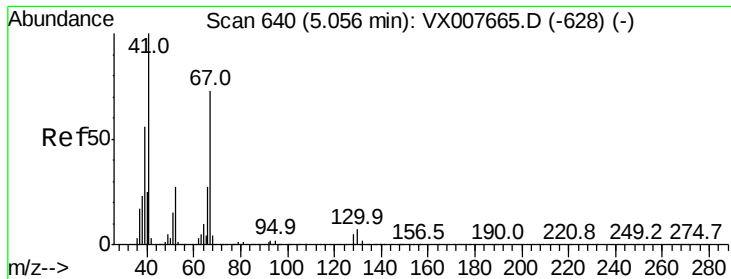
Tot Ion: 83 Resp: 7572
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.2#
98 187.6 36.8 55.2#



#40
Benzene
Concen: 0.208 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

Tgt Ion: 78 Resp: 2934
Ion Ratio Lower Upper
78 100
77 27.7 19.3 28.9

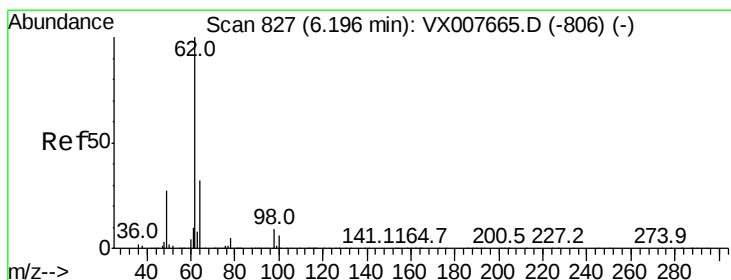
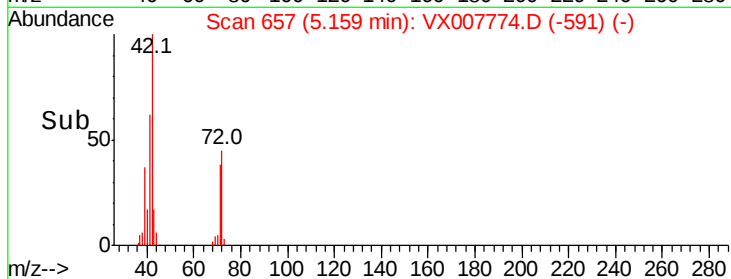
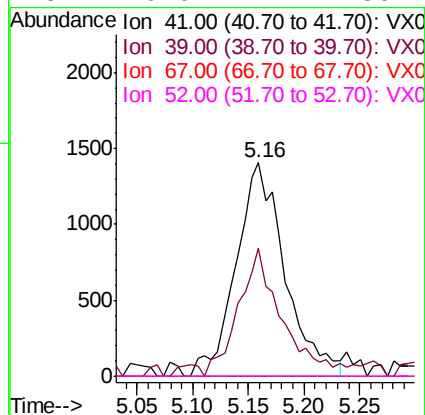
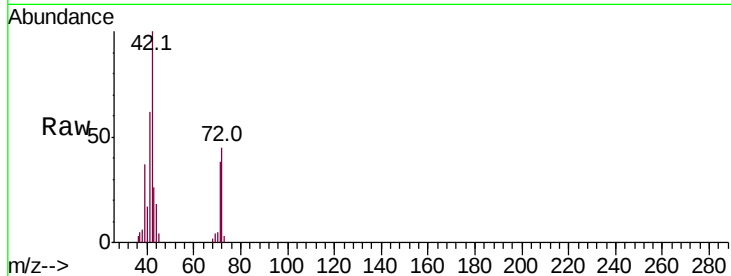




#41
Methacrylonitrile
Concen: 1.585 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.10 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

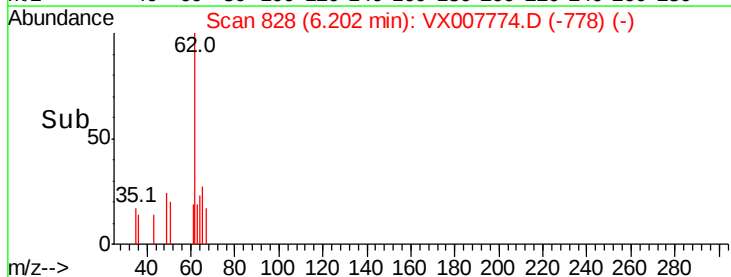
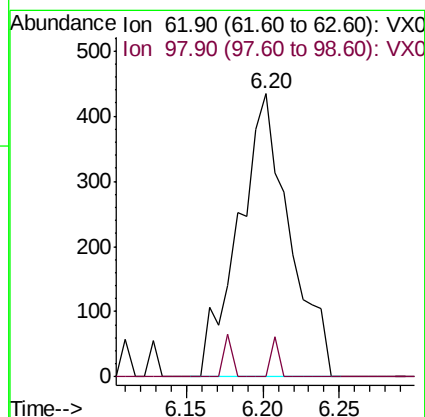
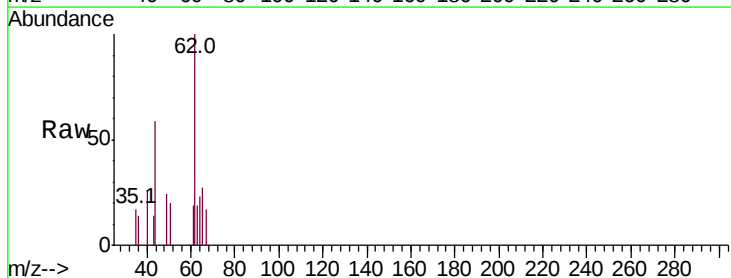
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382

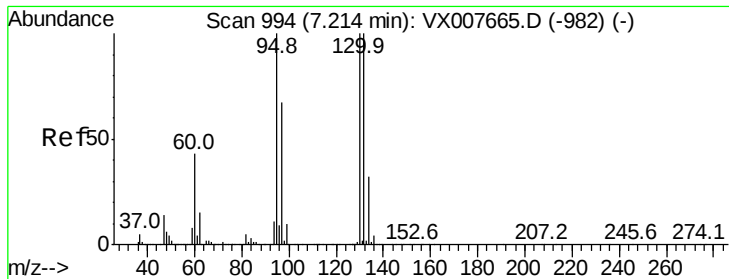
Tot Ion:	41	Resp:	4300
Ion	Ratio	Lower	Upper
41	100		
39	53.1	44.5	66.7
67	0.0	60.4	90.6#
52	0.0	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 0.213 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

Tgt Ion:	62	Resp:	1009
Ion	Ratio	Lower	Upper
62	100		
98	2.3	0.0	19.0





#44

Trichloroethene

Concen: 174.302 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

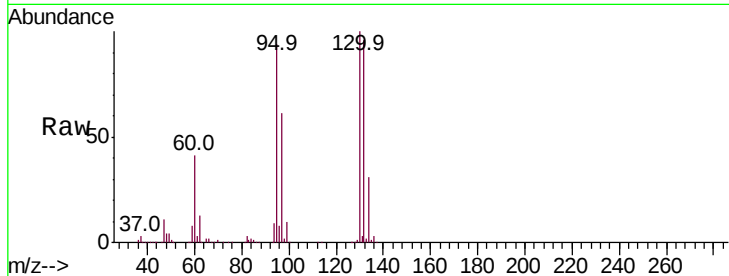
BP-VPB201-GW-380-382

Tot Ion:130 Resp: 676977

Ion Ratio Lower Upper

130 100

95 94.4 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

300000

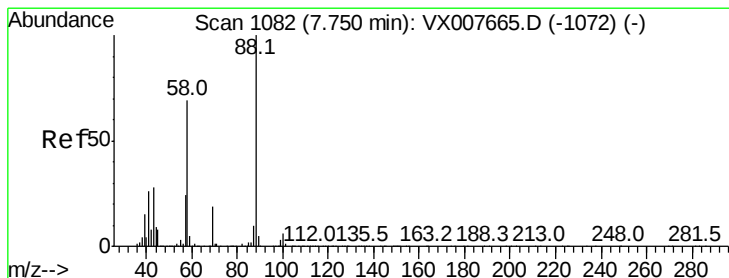
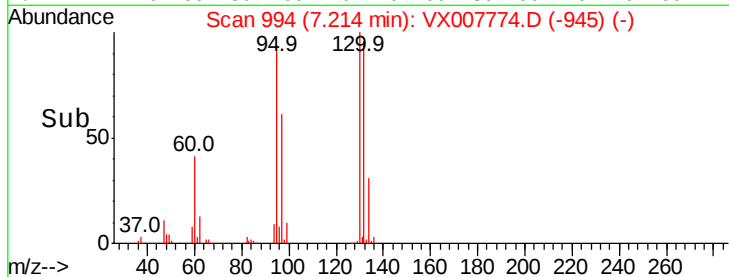
200000

100000

0

7.20 7.40

Time-->



#49

1,4-Dioxane

Concen: 34.882 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

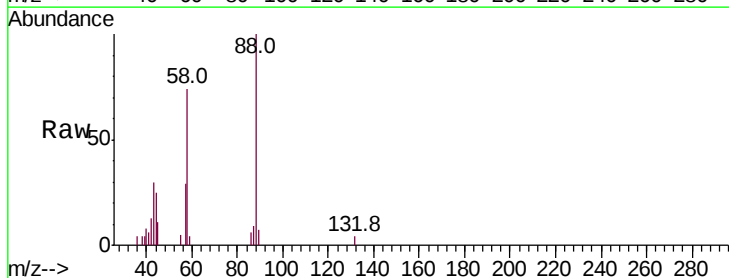
Tgt Ion: 88 Resp: 3088

Ion Ratio Lower Upper

88 100

43 38.3 24.2 36.4#

58 72.6 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

2000

1500

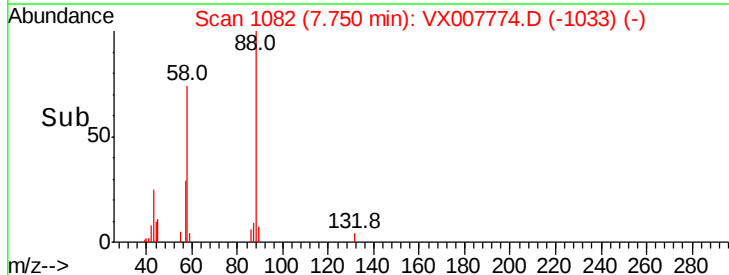
1000

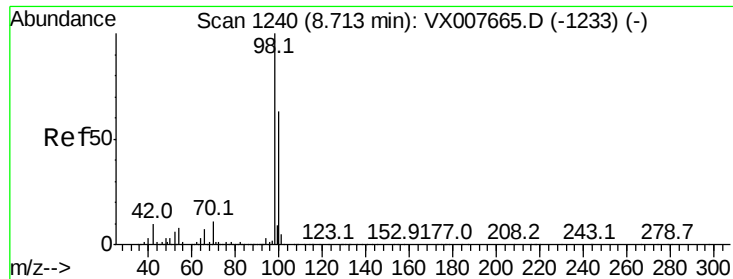
500

0

7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 48.156 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

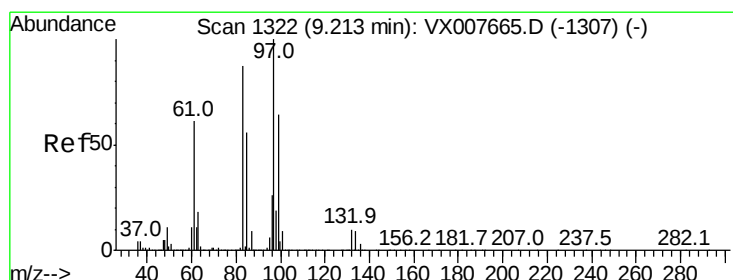
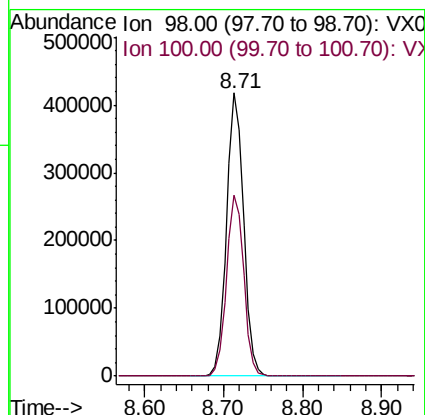
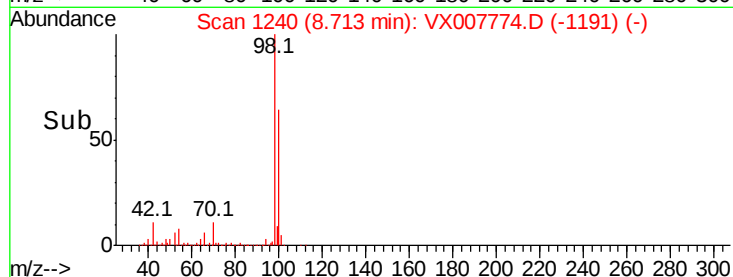
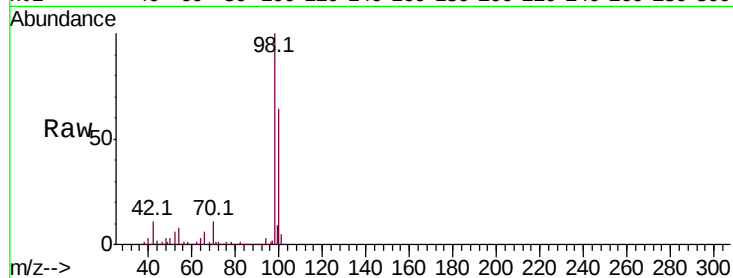
BP-VPB201-GW-380-382

Tot Ion: 98 Resp: 626956

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#55

1,1,2-Trichloroethane

Concen: 0.201 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Tgt Ion: 97 Resp: 745

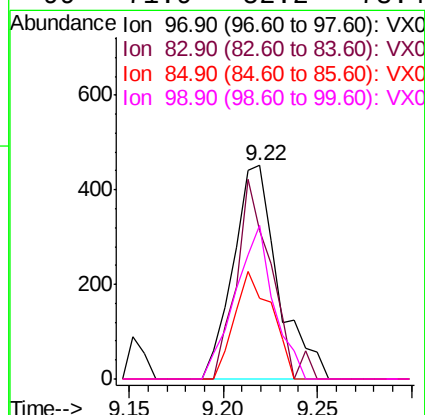
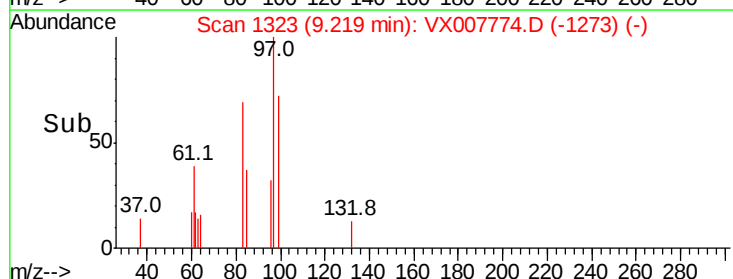
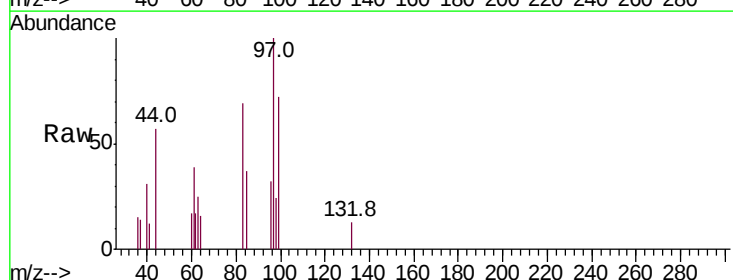
Ion Ratio Lower Upper

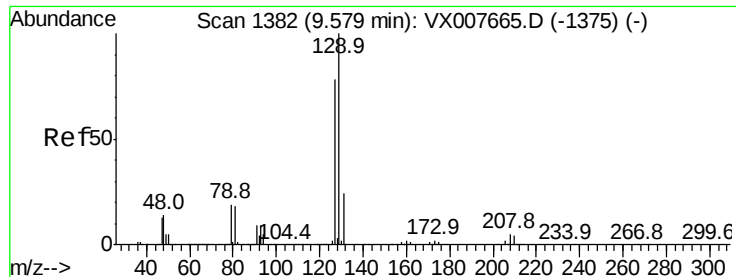
97 100

83 69.5 68.6 102.8

85 37.4 44.5 66.7#

99 71.9 52.2 78.4





#60

Dibromochloromethane

Concen: 115.003 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

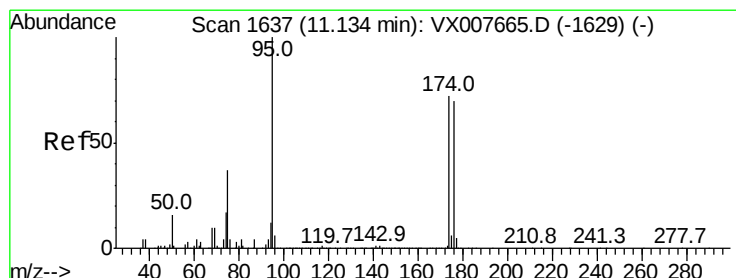
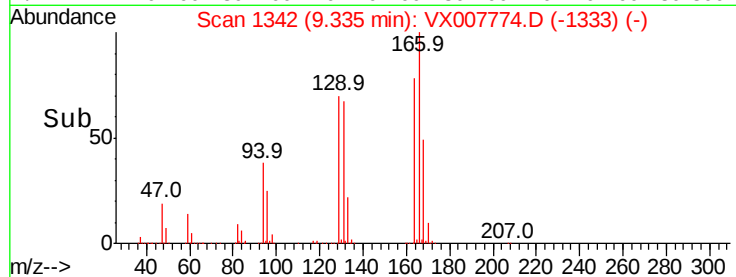
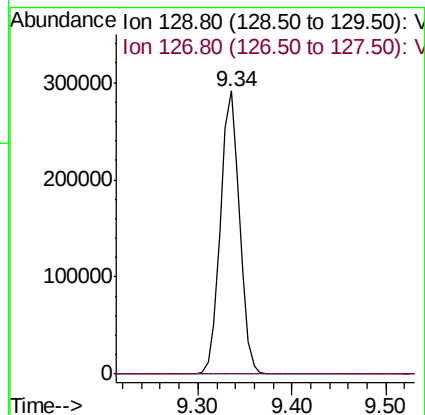
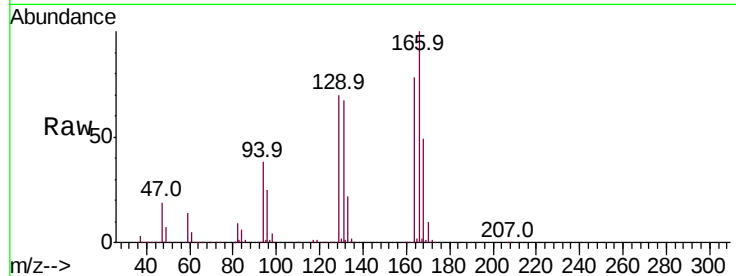
BP-VPB201-GW-380-382

Tot Ion:129 Resp: 410839

Ion Ratio Lower Upper

129 100

127 0.0 37.8 113.4#



#62

4-Bromofluorobenzene

Concen: 47.573 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

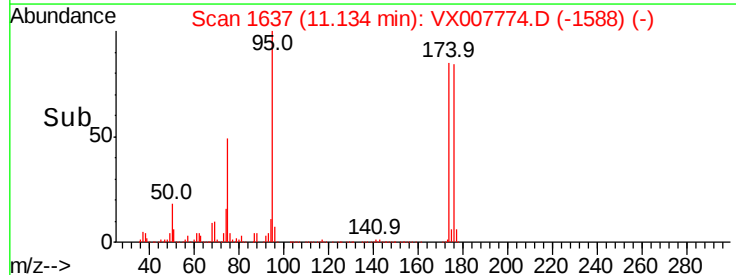
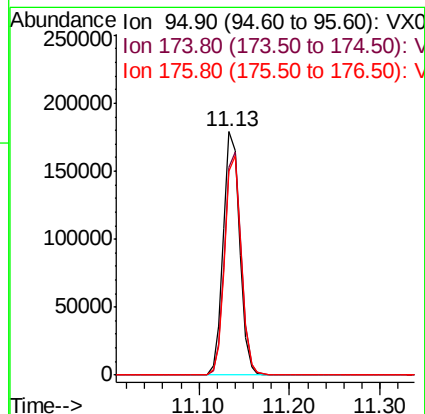
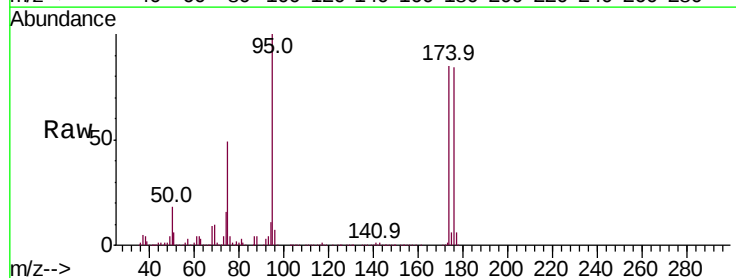
Tgt Ion: 95 Resp: 227331

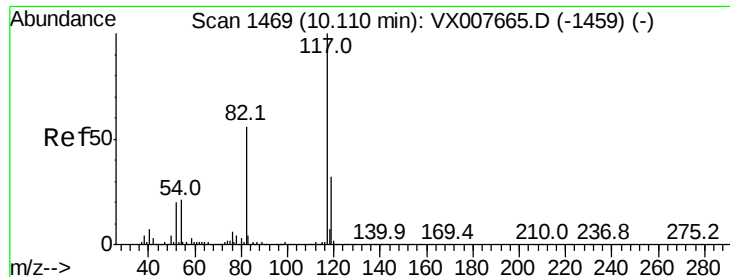
Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

176 89.9 0.0 186.2

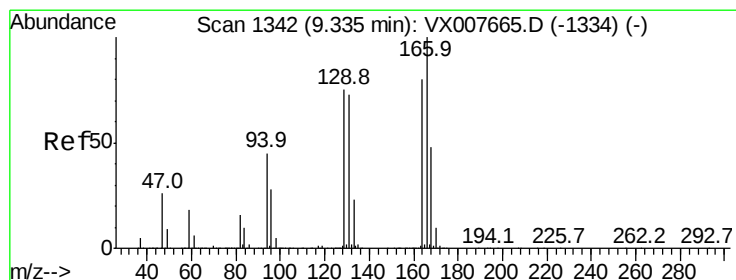
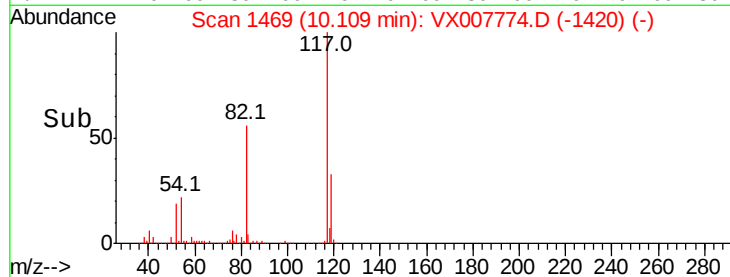
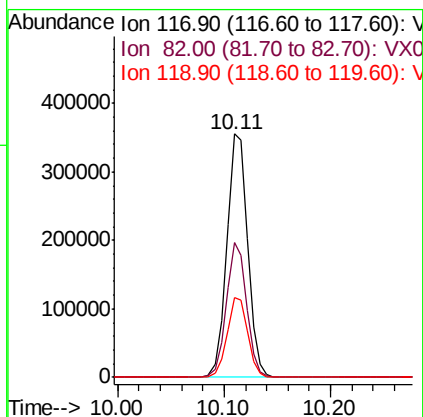
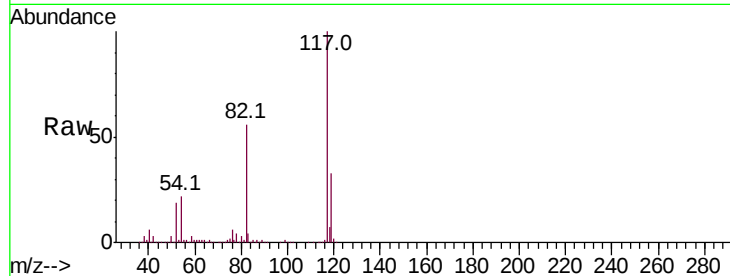




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

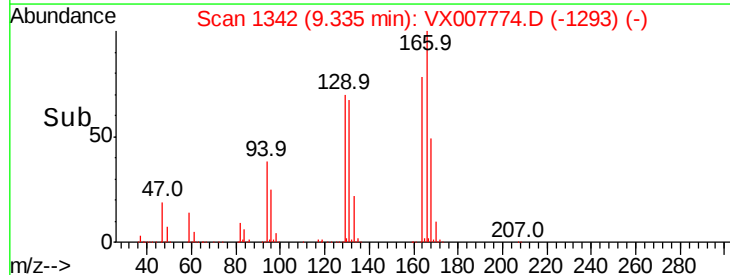
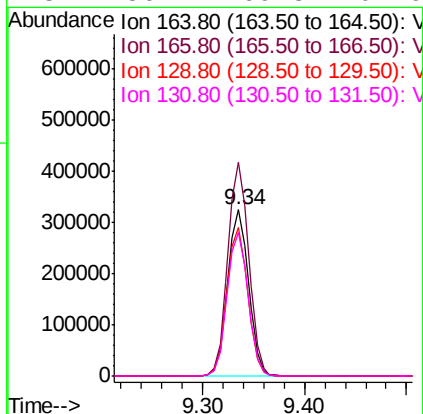
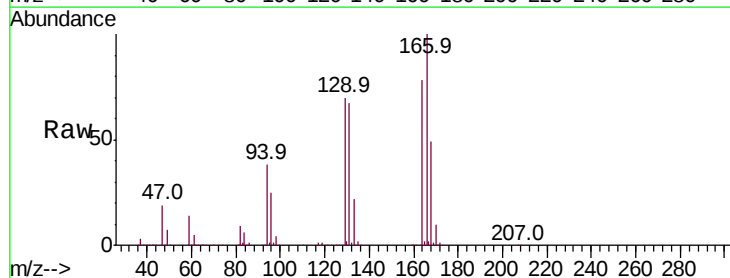
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-380-382

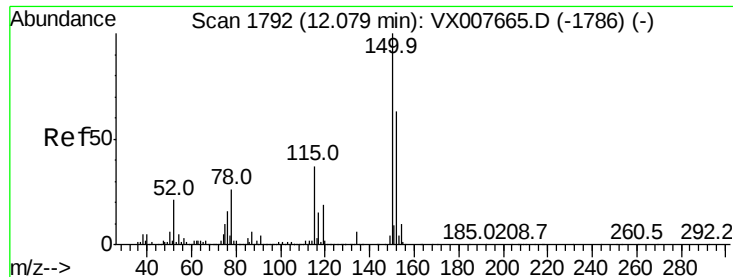
Tot Ion:117 Resp: 487930
Ion Ratio Lower Upper
117 100
82 55.5 42.1 63.1
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 116.258 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007774.D
Acq: 28 Feb 2019 18:39

Tgt Ion:164 Resp: 460509
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.4
129 89.6 70.5 105.7
131 86.4 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

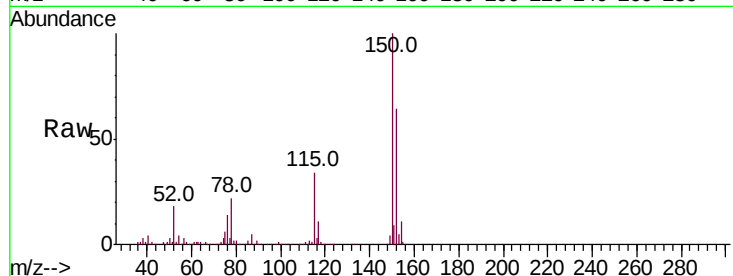
Tot Ion:152 Resp: 233692

Ion Ratio Lower Upper

152 100

115 55.1 38.0 114.0

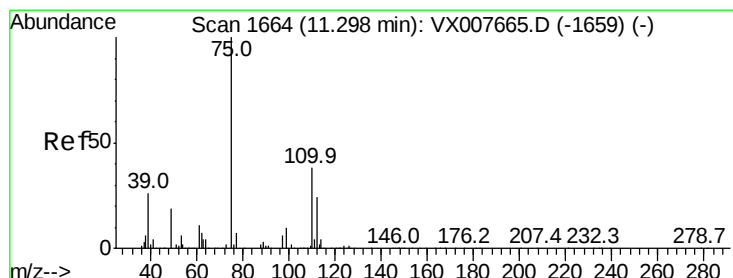
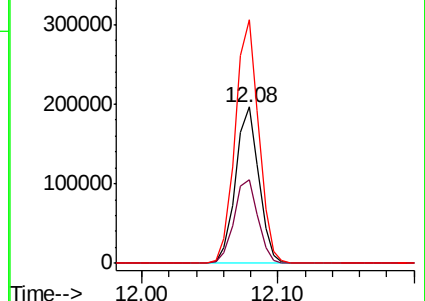
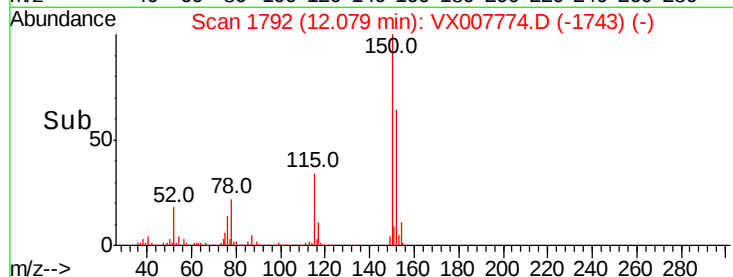
150 157.1 0.0 346.4



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: 22.022 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007774.D

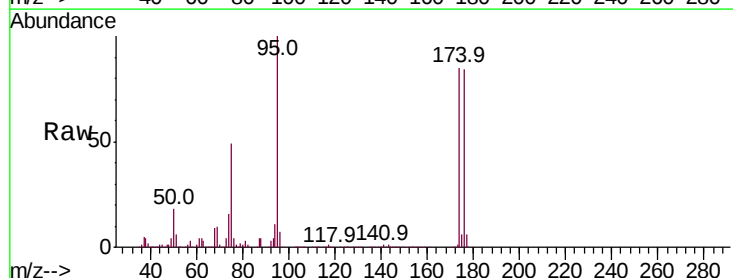
Acq: 28 Feb 2019 18:39

Tgt Ion: 75 Resp: 109699

Ion Ratio Lower Upper

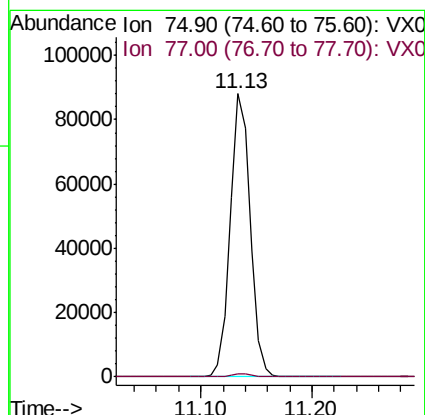
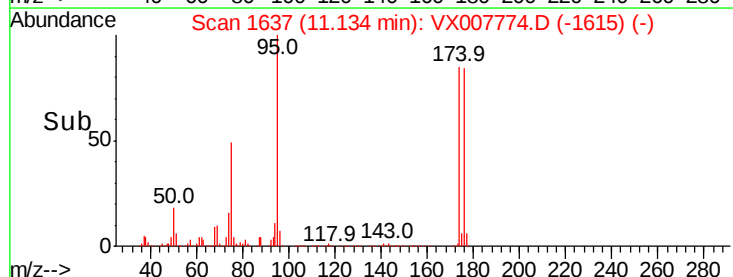
75 100

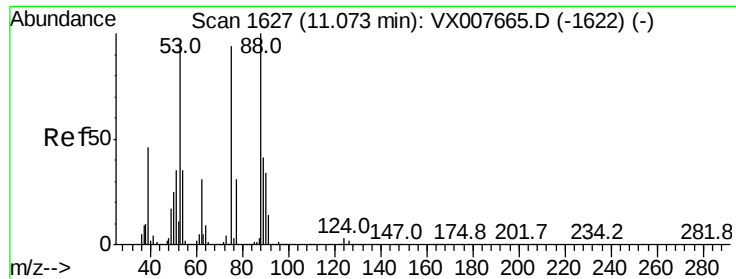
77 1.2 23.0 69.0#



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: 58.471 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007774.D

Acq: 28 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-380-382

Tot Ion: 75 Resp: 109699

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

