

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 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 02:57:33 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

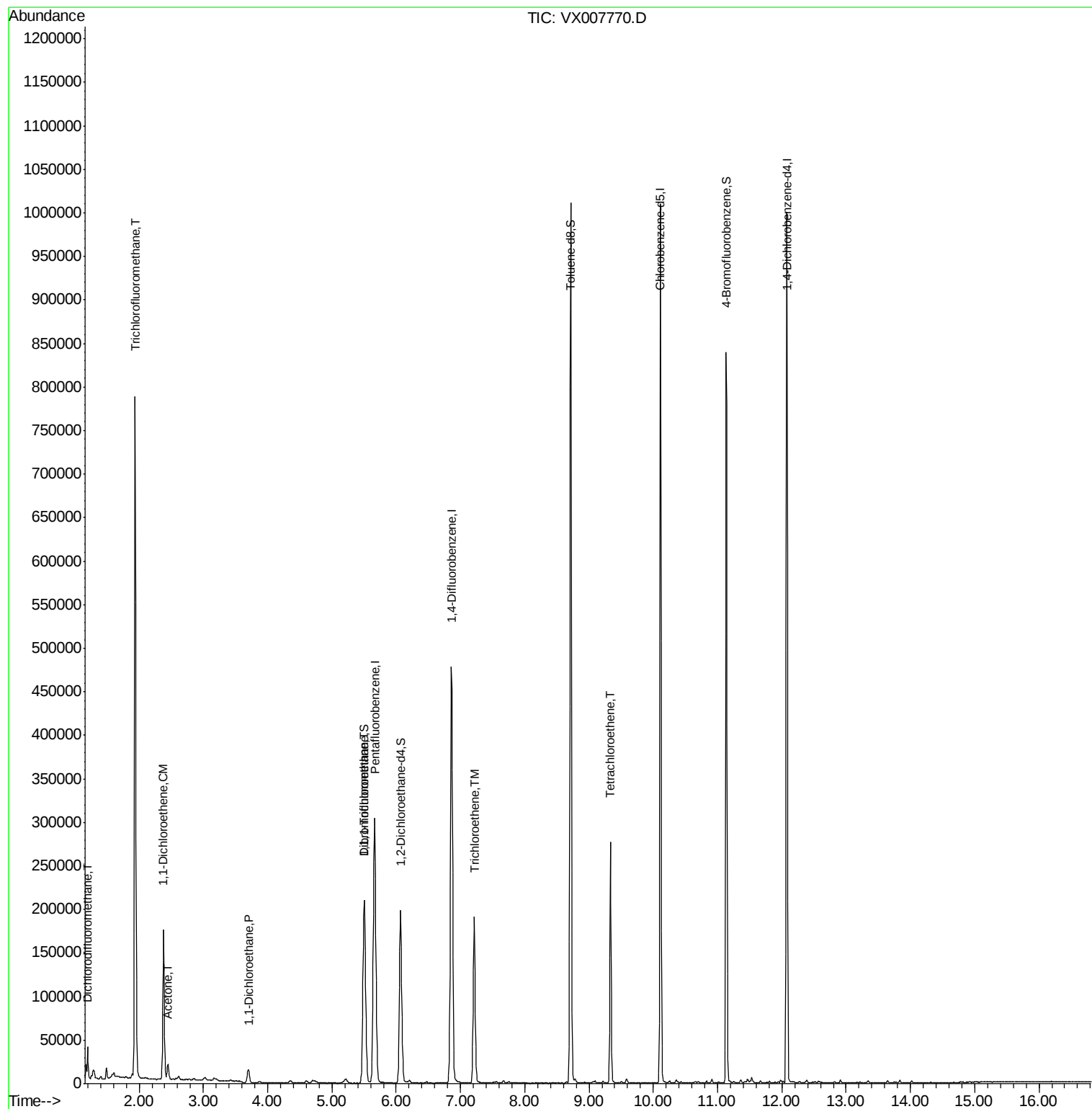
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221395	50.00	ug/l	0.00
System Monitoring Compounds						
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
7) Trichlorofluoromethane	1.94	101	521663	103.668	ug/l	98
12) 1,1-Dichloroethene	2.38	96	56363	20.559	ug/l	90
16) Acetone	2.45	43	16958	9.822	ug/l	98
24) 1,1-Dichloroethane	3.70	63	17283	3.014	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	24224	4.768	ug/l	96
44) Trichloroethene	7.21	130	76030	20.335	ug/l	97
64) Tetrachloroethene	9.34	164	55612	14.787	ug/l	99

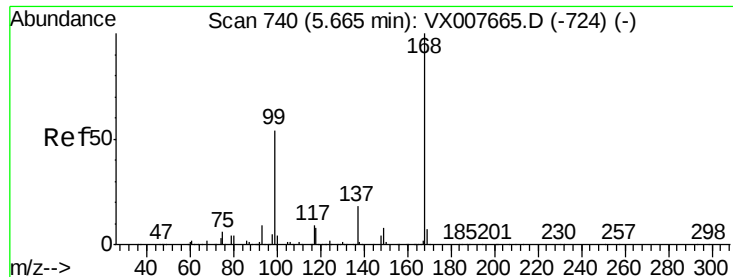
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB201-GW-400-402

Quant Time: Mar 01 02:57:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
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: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

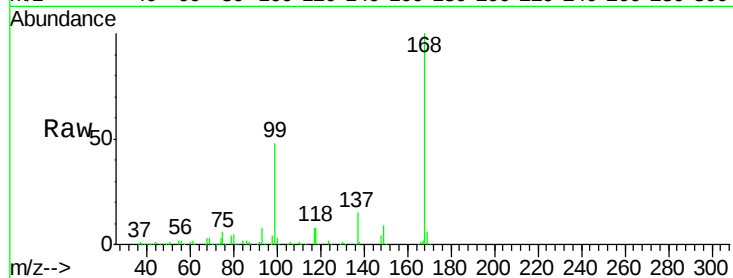
BP-VPB201-GW-400-402

Tot Ion:168 Resp: 313419

Ion Ratio Lower Upper

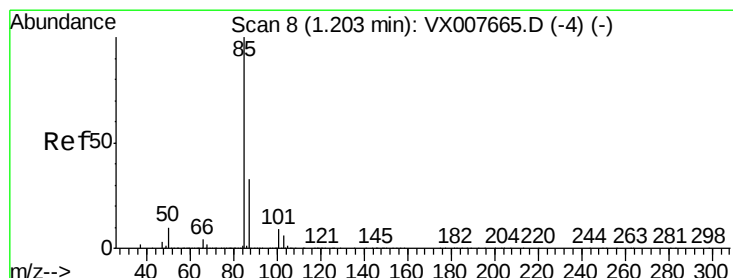
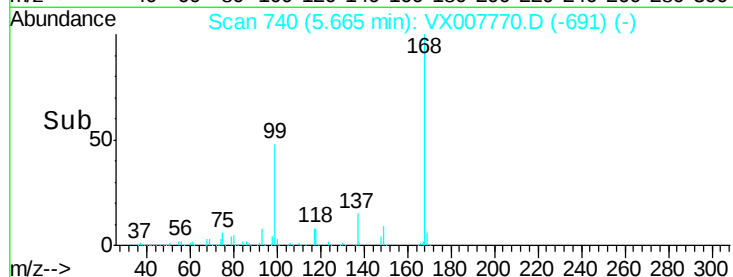
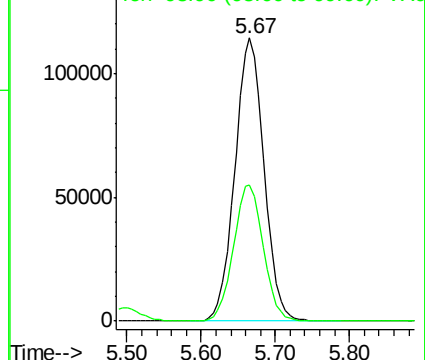
168 100

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



#2

Dichlorodifluoromethane

Concen: 6.708 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007770.D

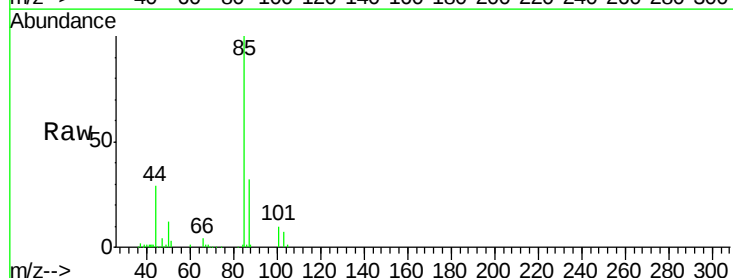
Acq: 28 Feb 2019 16:52

Tgt Ion: 85 Resp: 19368

Ion Ratio Lower Upper

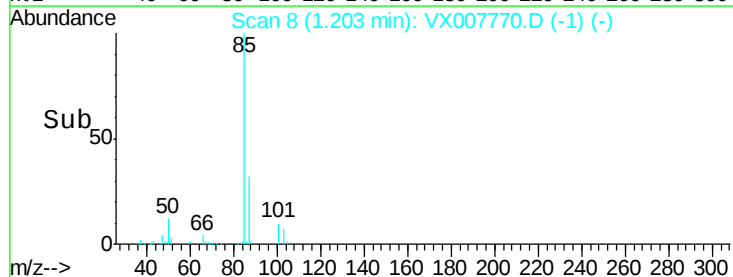
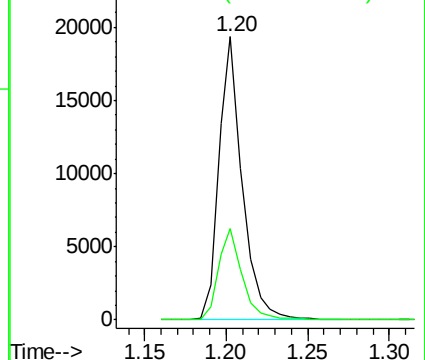
85 100

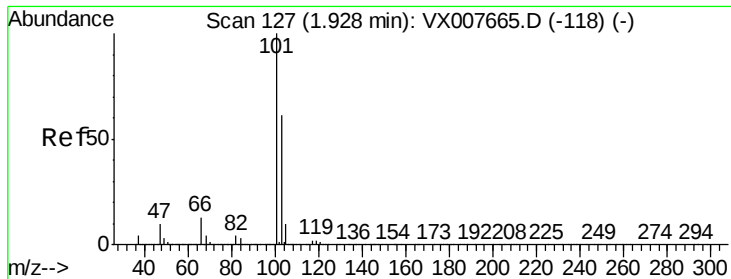
87 32.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



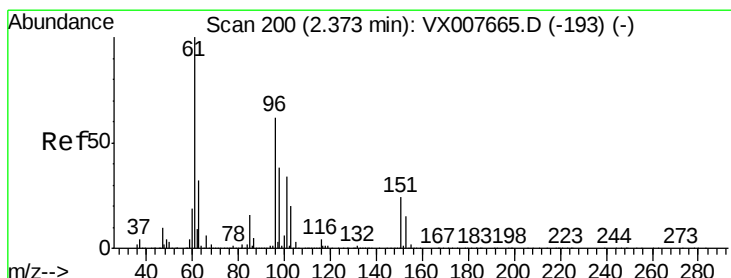
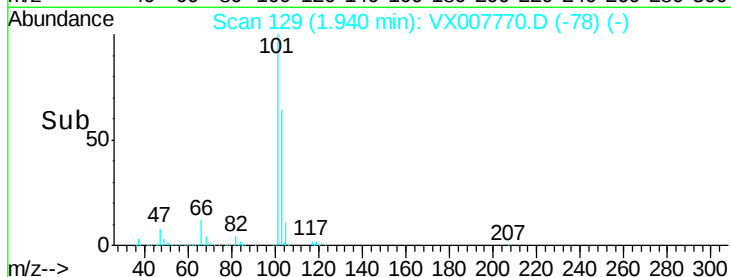
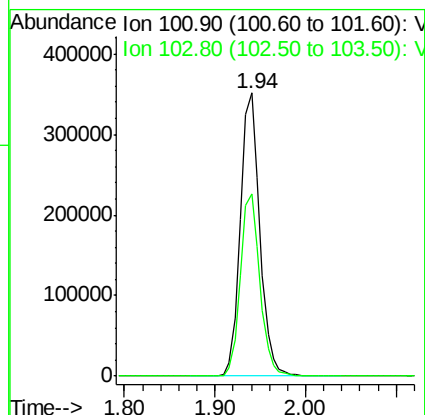
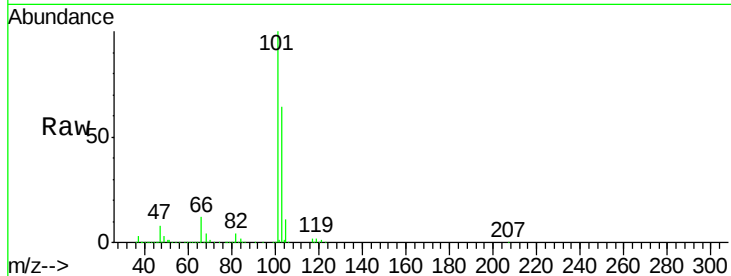


#7

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

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

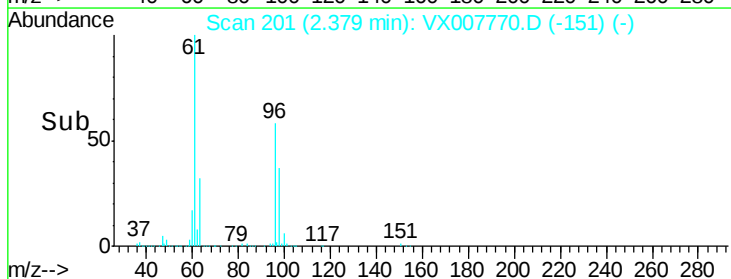
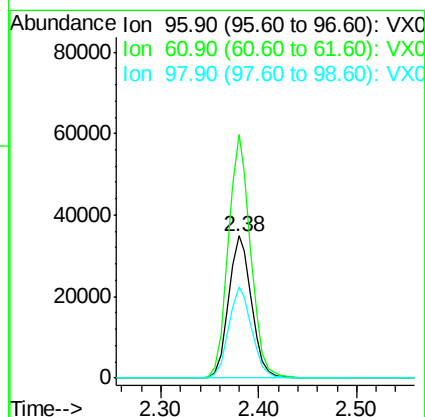
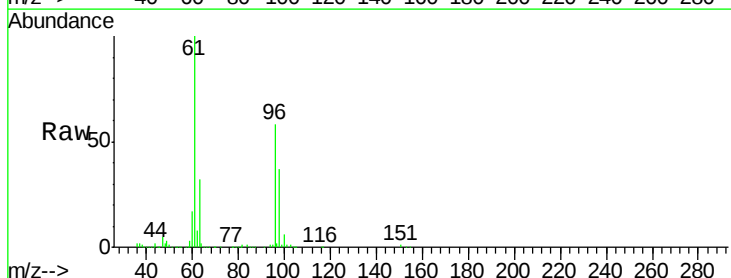
Tot Ion:101 Resp: 521663
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 79.0

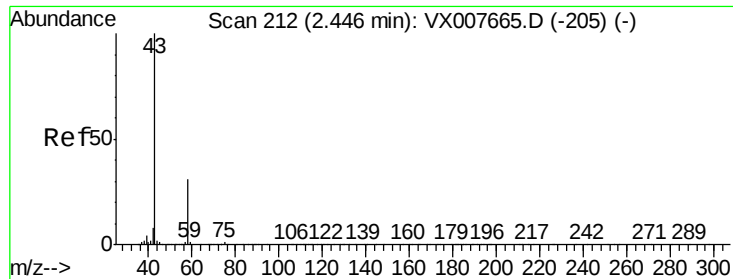


#12

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

Tgt Ion: 96 Resp: 56363
 Ion Ratio Lower Upper
 96 100
 61 171.1 123.0 184.4
 98 63.7 50.9 76.3





#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

Instrument :

MSVOA_X

ClientSampleId :

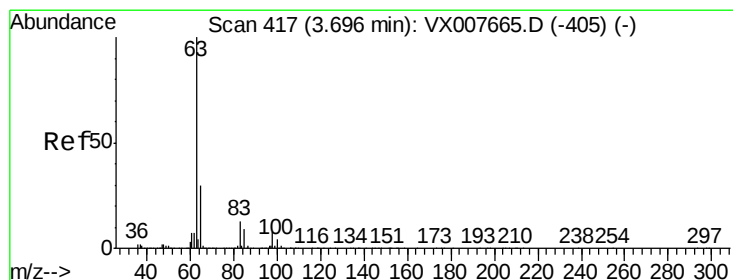
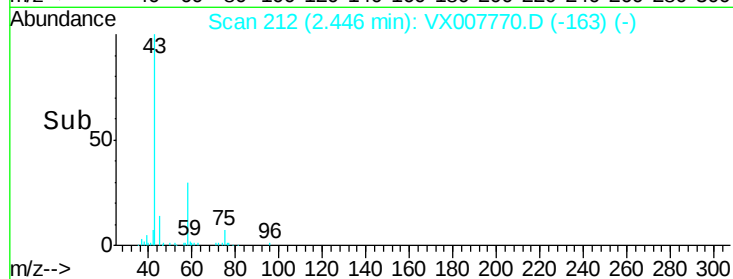
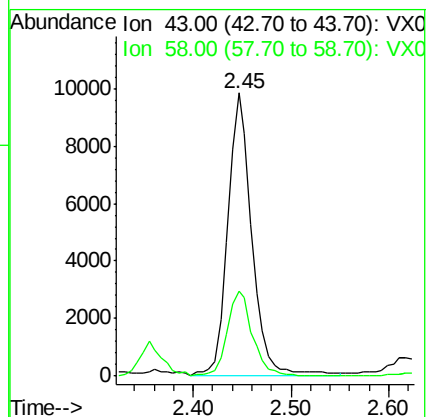
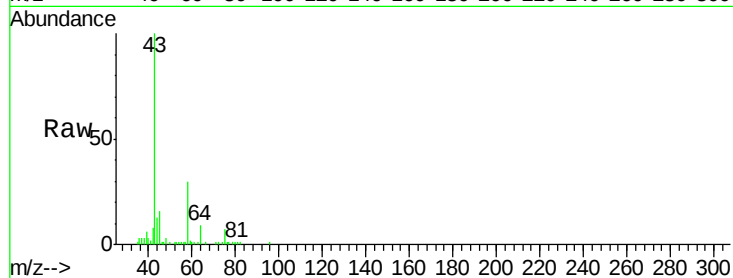
BP-VPB201-GW-400-402

Tot Ion: 43 Resp: 16958

Ion Ratio Lower Upper

43 100

58 29.9 24.9 37.3



#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

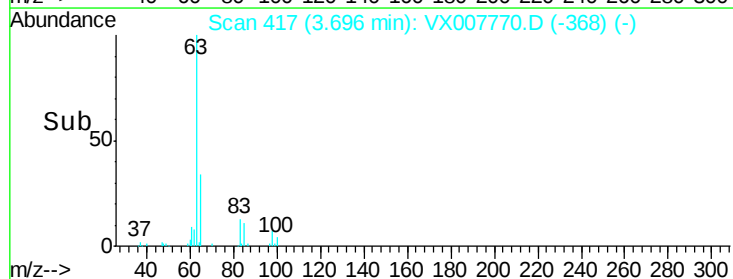
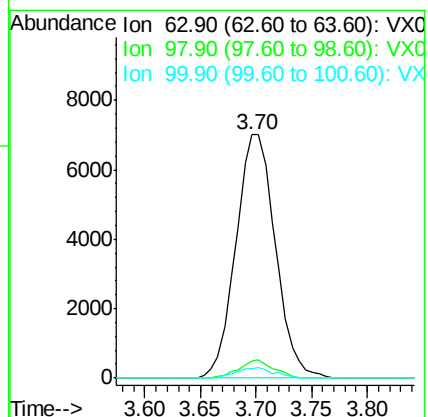
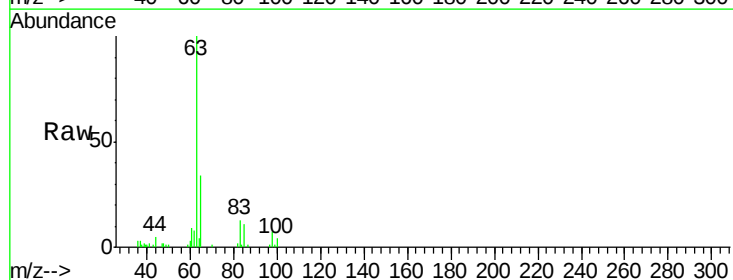
Tgt Ion: 63 Resp: 17283

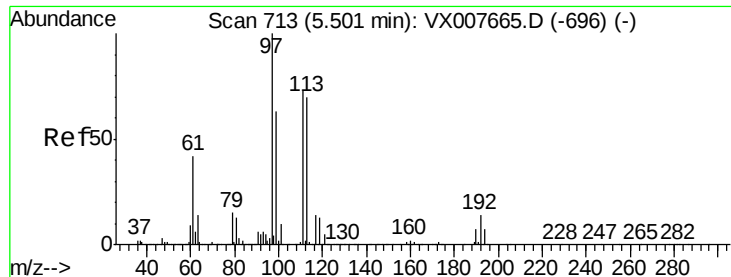
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 3.9 2.5 7.4





#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

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

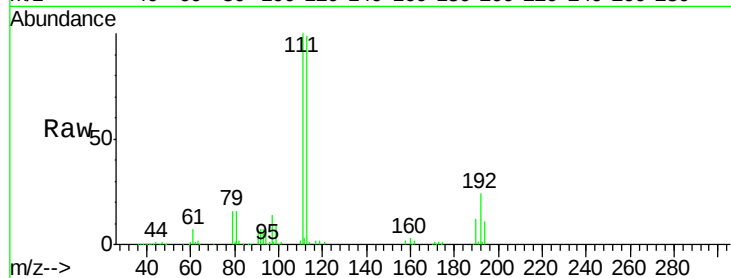
Tot Ion: 97 Resp: 24224

Ion Ratio Lower Upper

97 100

99 65.6 52.2 78.2

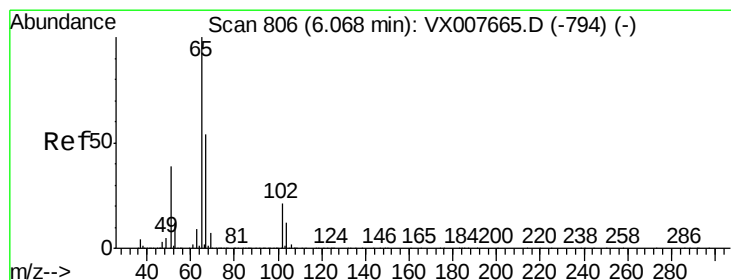
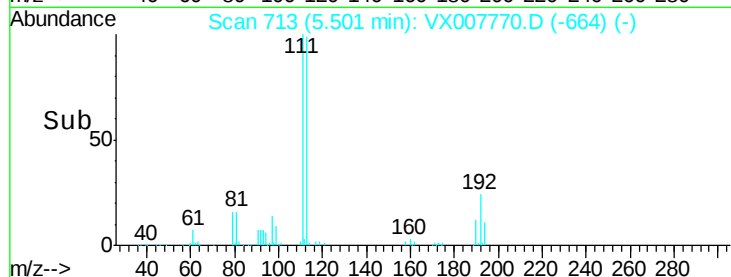
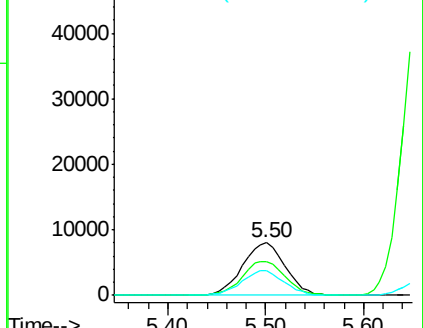
61 46.7 32.7 49.1



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: 48.063 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007770.D

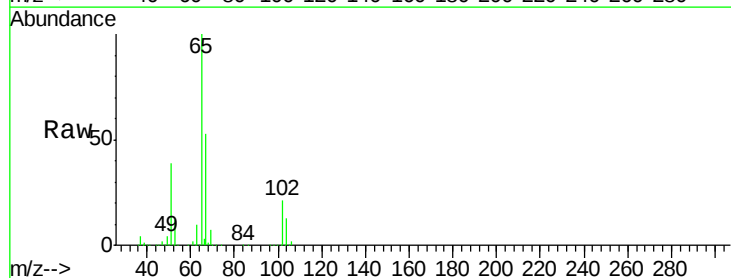
Acq: 28 Feb 2019 16:52

Tgt Ion: 65 Resp: 186595

Ion Ratio Lower Upper

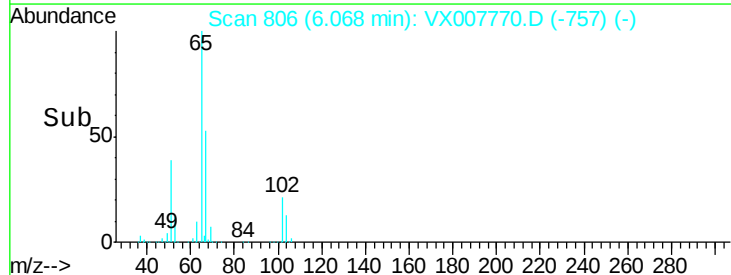
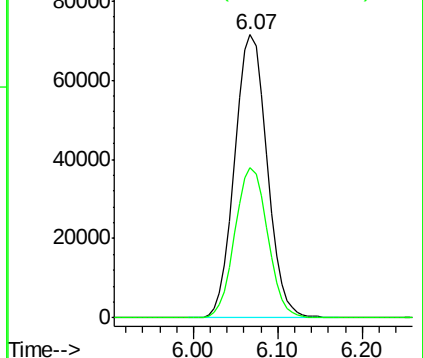
65 100

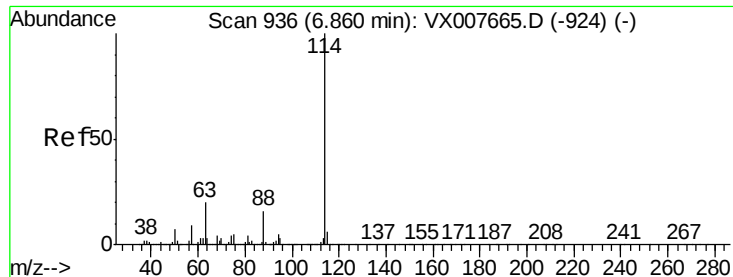
67 53.4 0.0 108.8



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: VX007770.D

Acq: 28 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

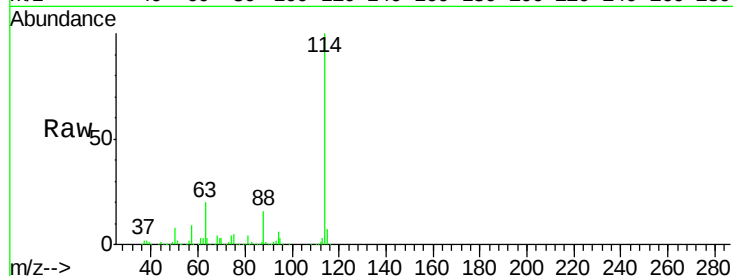
Tot Ion:114 Resp: 489737

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

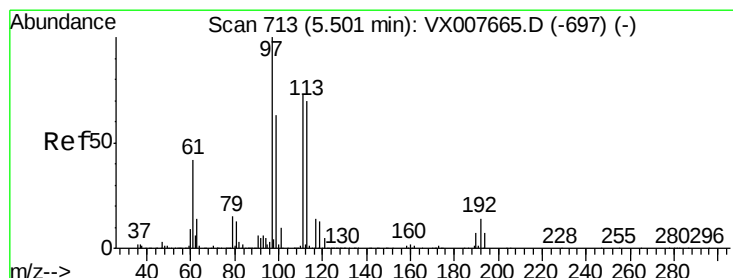
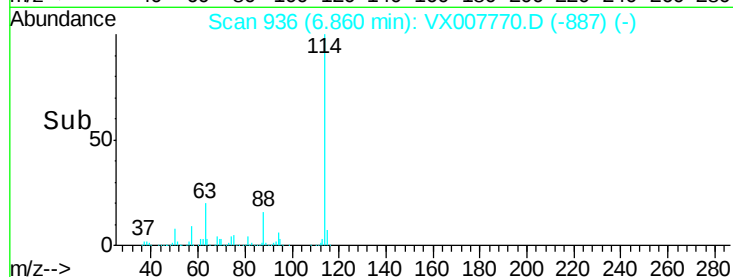
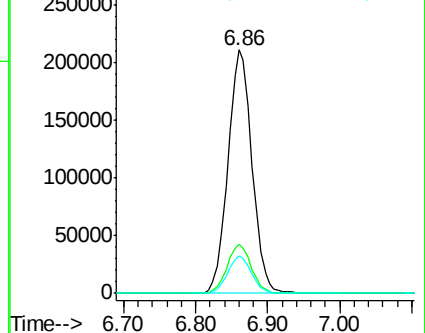
88 15.5 0.0 29.6



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: 48.582 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007770.D

Acq: 28 Feb 2019 16:52

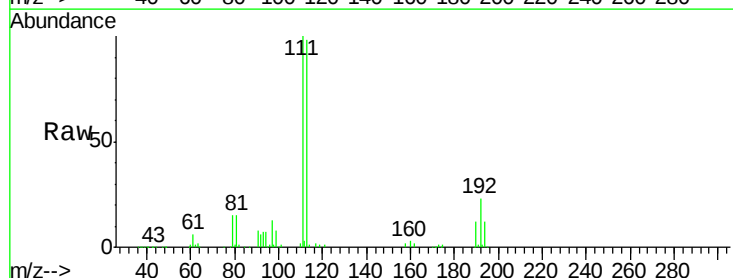
Tgt Ion:113 Resp: 159044

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

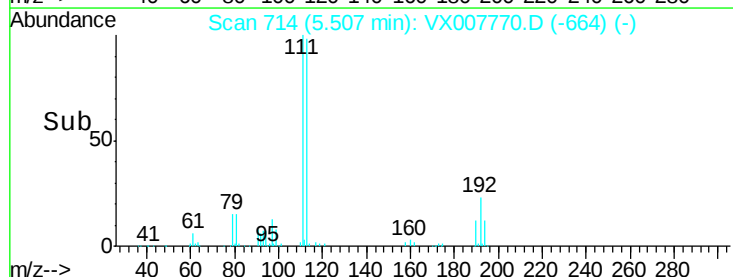
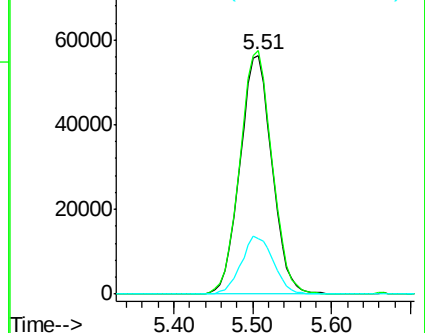
192 24.4 18.5 27.7

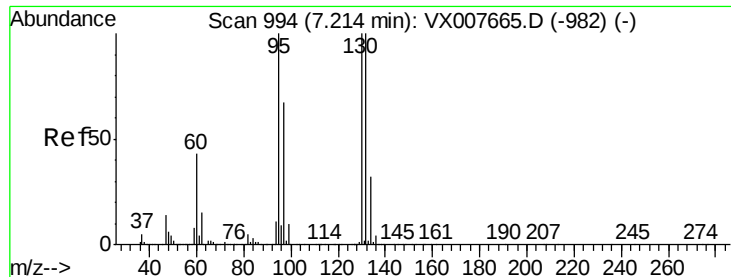


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#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 :

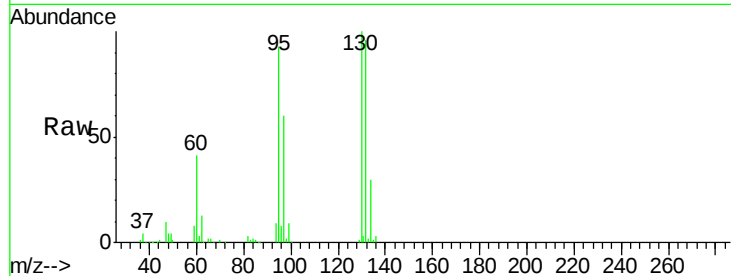
BP-VPB201-GW-400-402

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

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

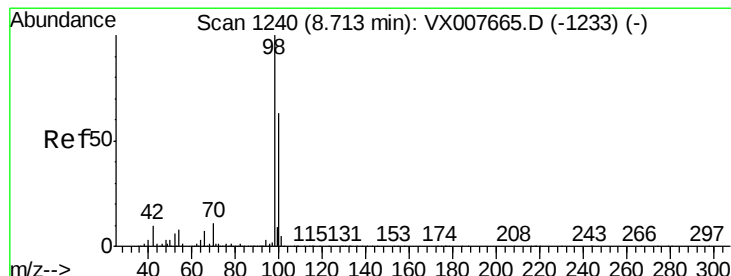
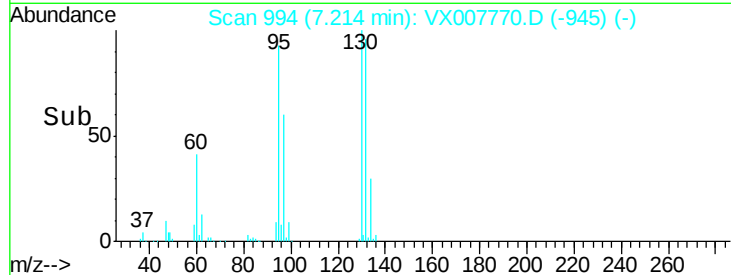
20000

10000

0

Time-->

7.10 7.20 7.30 7.40



#50

Toluene-d8

Concen: 47.642 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007770.D

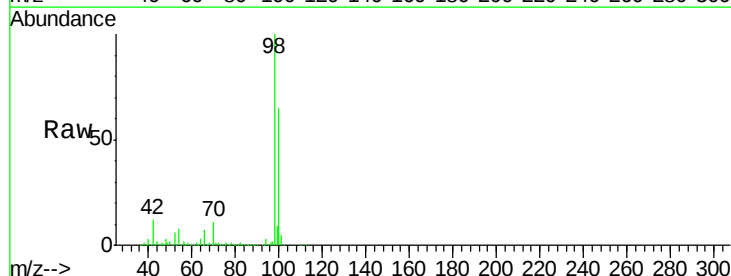
Acq: 28 Feb 2019 16:52

Tgt Ion: 98 Resp: 597097

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

300000

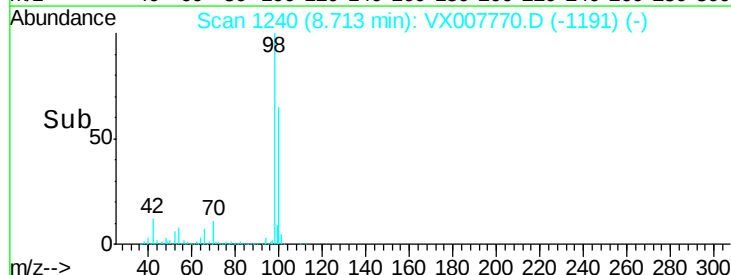
200000

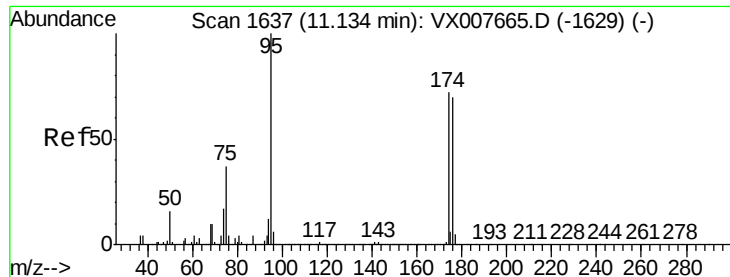
100000

0

Time-->

8.60 8.70 8.80

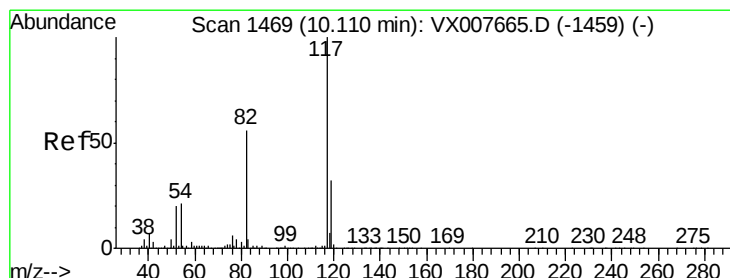
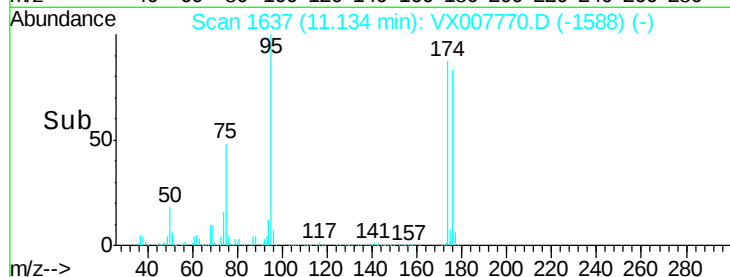
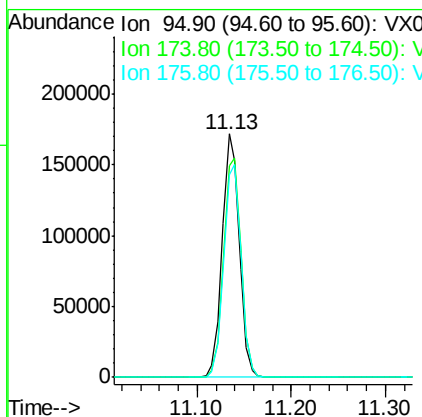
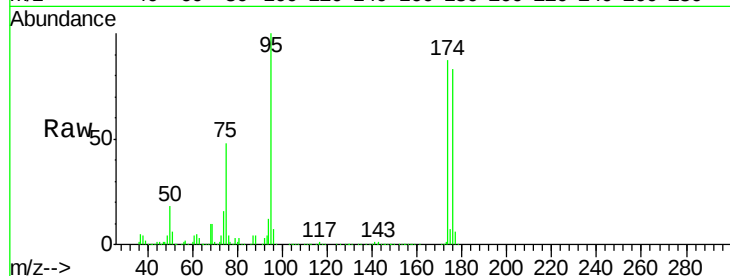




#62
4-Bromofluorobenzene
Concen: 46.838 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007770.D
Acq: 28 Feb 2019 16:52

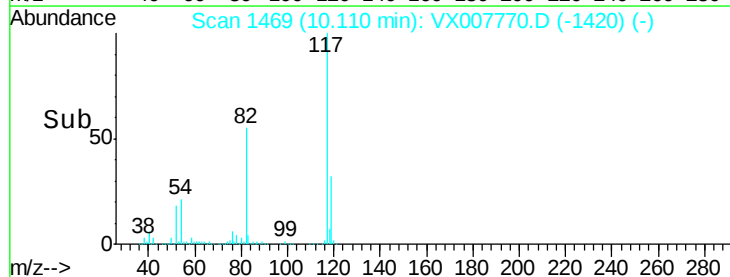
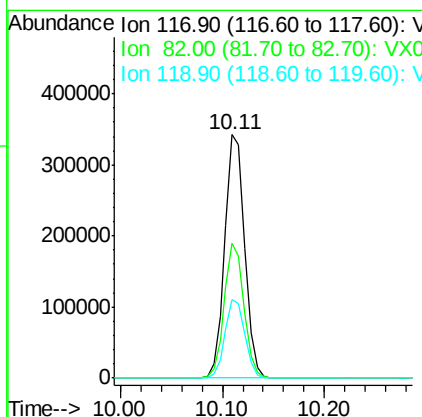
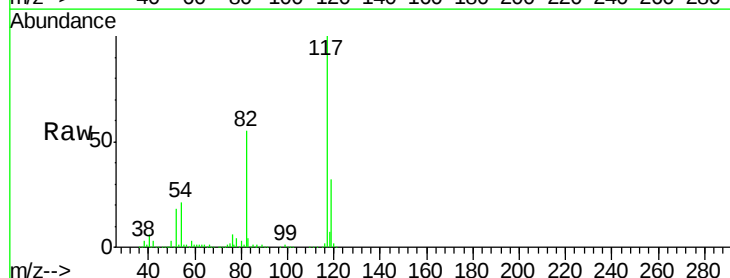
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-400-402

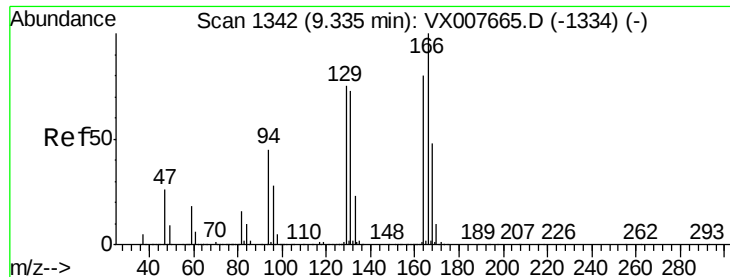
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	189.2
176	89.0	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007770.D
Acq: 28 Feb 2019 16:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.1	63.1
119	32.1	26.5	39.7





#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

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-400-402

Tot Ion:164 Resp: 55612

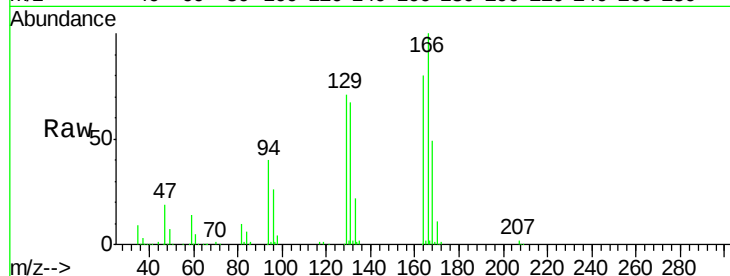
Ion Ratio Lower Upper

164 100

166 125.2 101.0 151.4

129 88.4 70.5 105.7

131 84.3 69.8 104.6

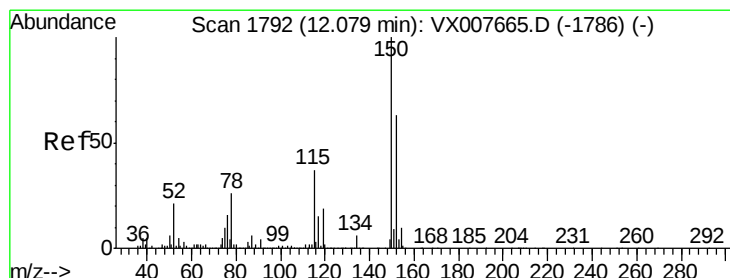
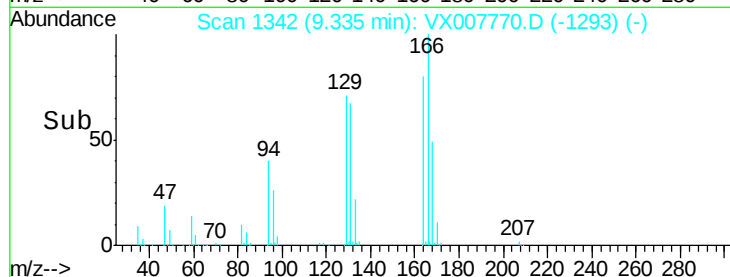
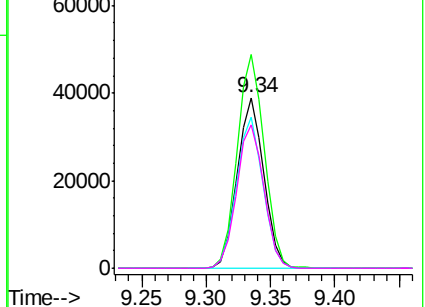


Abundance Ion 163.80 (163.50 to 164.50): V

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

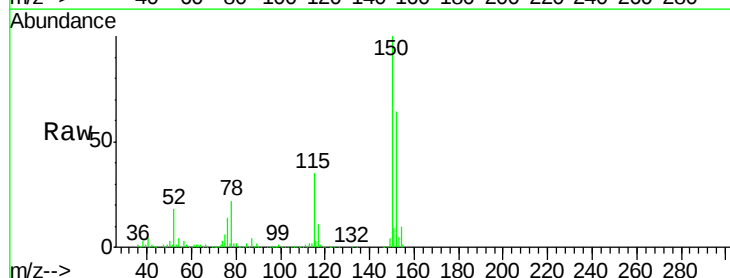
Tgt Ion:152 Resp: 221395

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

