

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007693.D
 Acq On : 26 Feb 2019 04:14
 Operator : JC/SP
 Sample : K1578-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

Quant Time: Feb 26 05:32:09 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	349172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	594102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	562712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255754	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	213011	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	5.50	113	197182	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	8.71	98	721550	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.13	95	251093	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

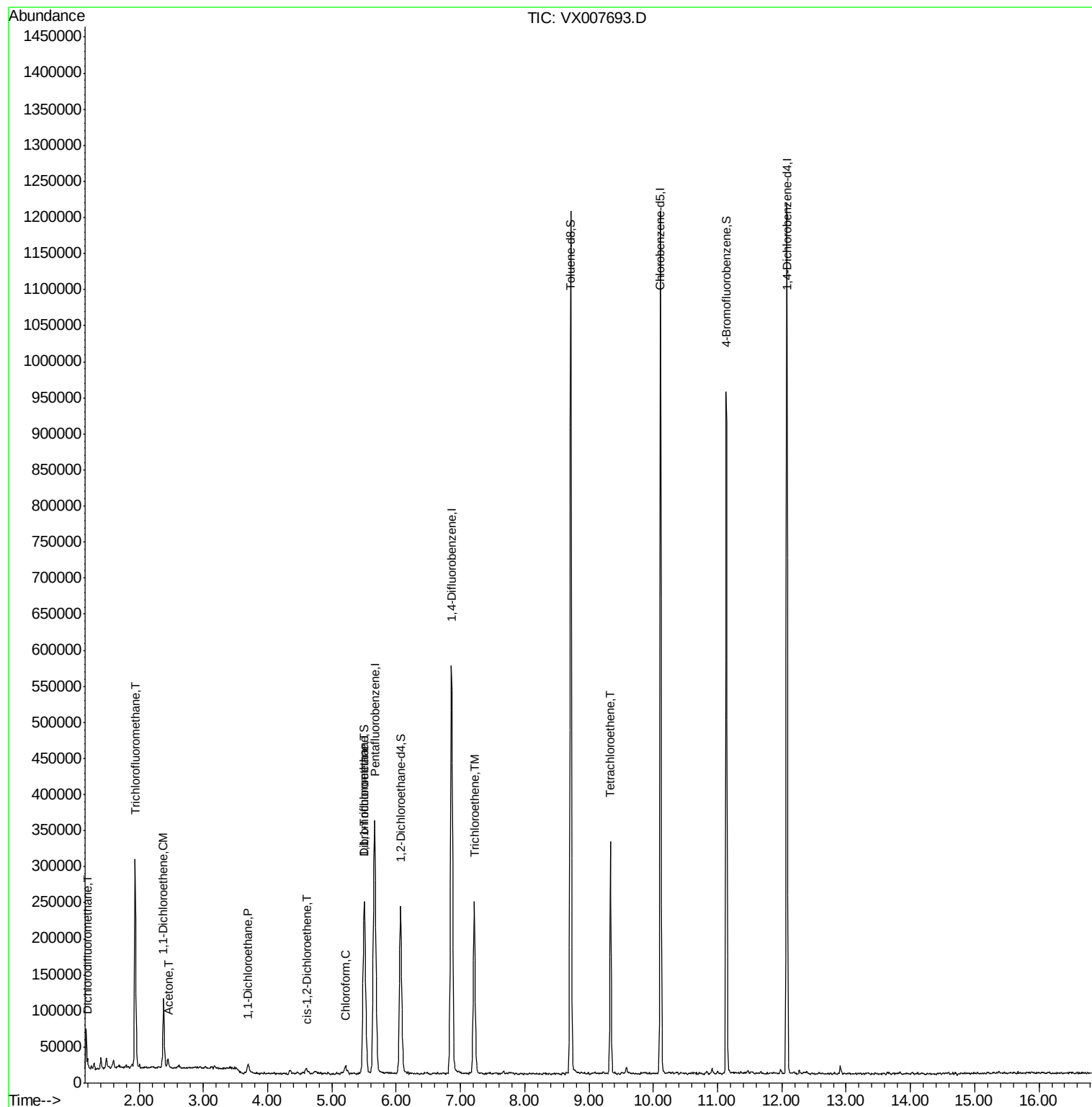
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	7645	2.377	ug/l	93
7) Trichlorofluoromethane	1.94	101	187811	33.501	ug/l	98
12) 1,1-Dichloroethene	2.38	96	31915	10.449	ug/l	94
16) Acetone	2.45	43	12123	6.303	ug/l	98
24) 1,1-Dichloroethane	3.70	63	14647	2.292	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	5070	1.200	ug/l	92
30) Chloroform	5.21	83	13443	1.964	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	10127	1.789	ug/l	94
44) Trichloroethene	7.21	130	93811	20.683	ug/l	93
64) Tetrachloroethene	9.34	164	59443	13.012	ug/l	91

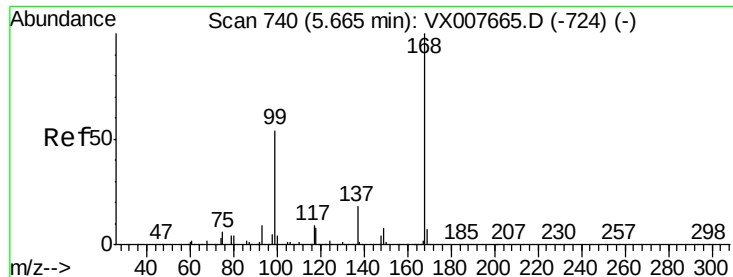
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
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Quant Time: Feb 26 05:32:09 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: VX007693.D

Acq: 26 Feb 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

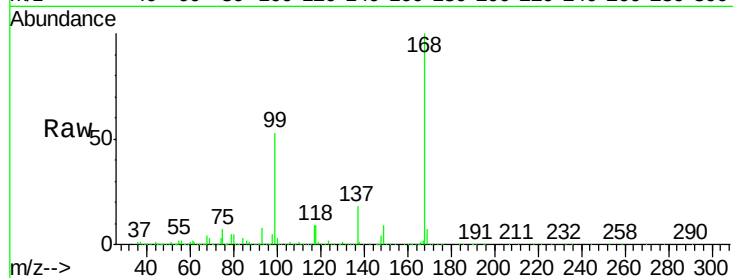
BP-VPB201-GW-365-367

Tot Ion:168 Resp: 349172

Ion Ratio Lower Upper

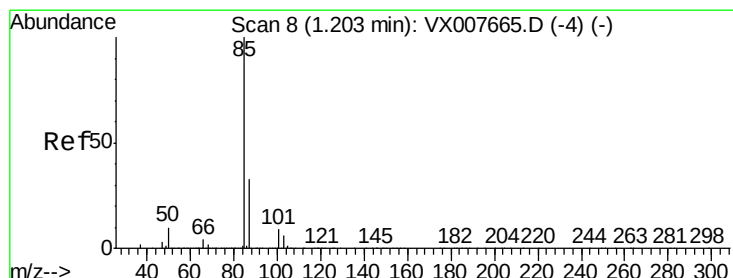
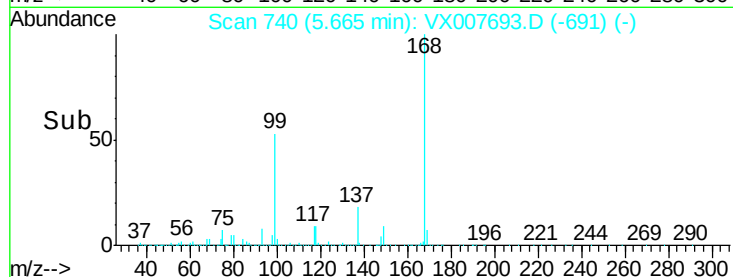
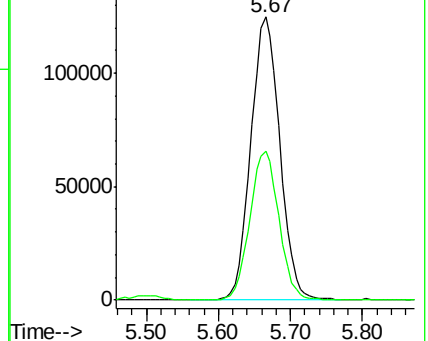
168 100

99 52.7 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: 2.377 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007693.D

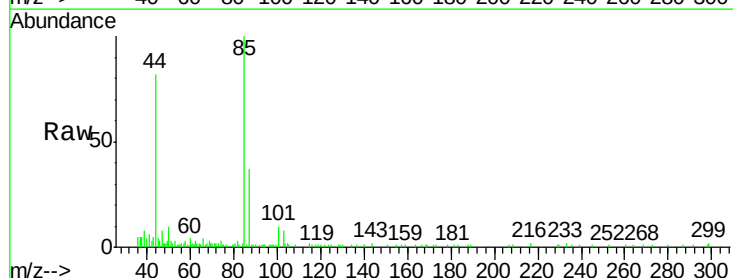
Acq: 26 Feb 2019 04:14

Tgt Ion: 85 Resp: 7645

Ion Ratio Lower Upper

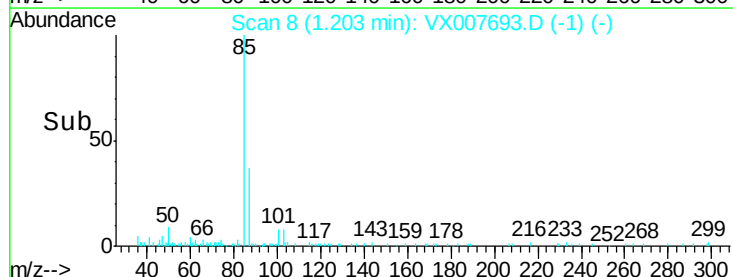
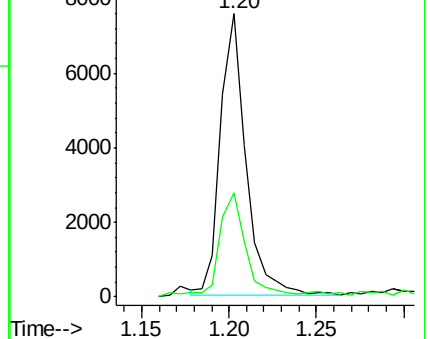
85 100

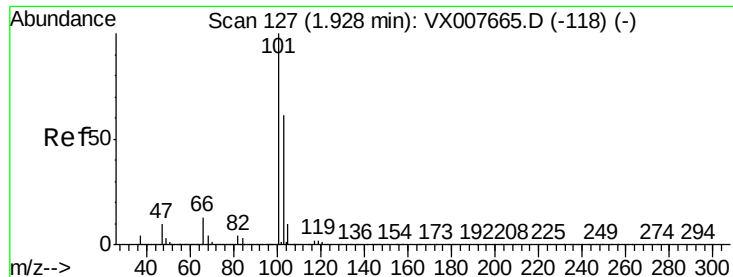
87 35.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



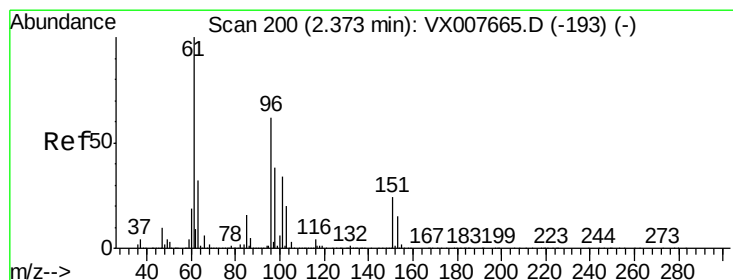
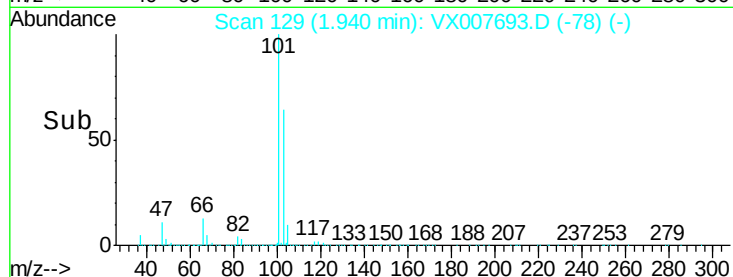
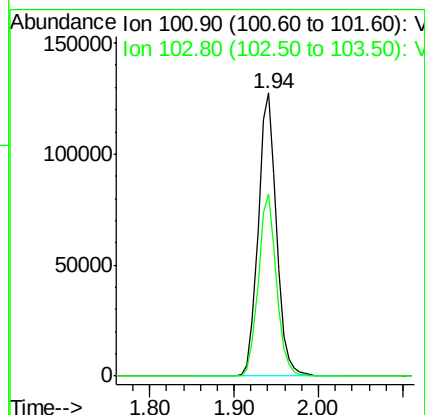
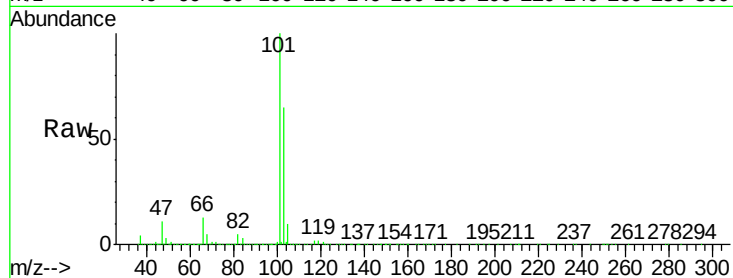


#7

Trichlorofluoromethane
Concen: 33.501 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX007693.D
Acq: 26 Feb 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

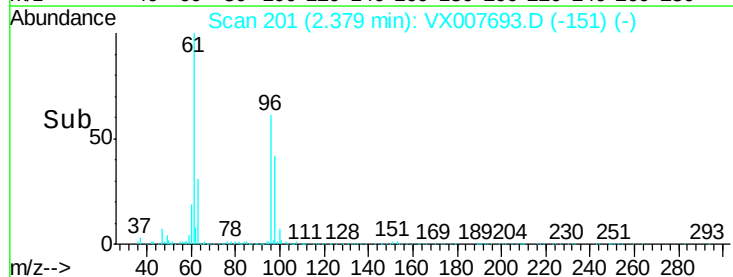
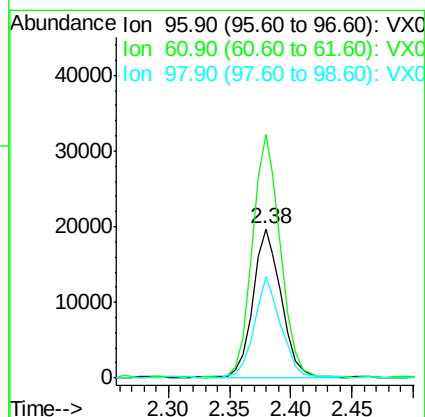
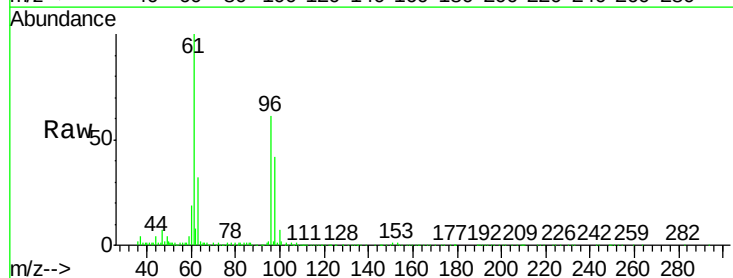
Tot Ion:101 Resp: 187811
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

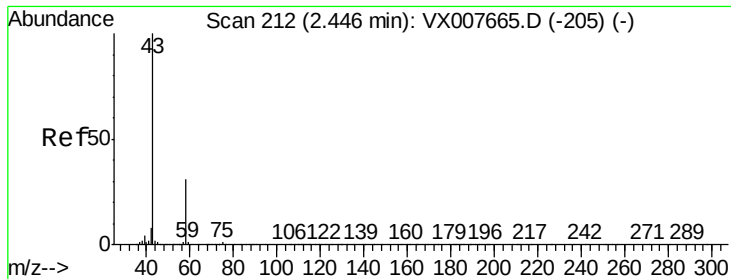


#12

1,1-Dichloroethene
Concen: 10.449 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007693.D
Acq: 26 Feb 2019 04:14

Tgt Ion: 96 Resp: 31915
Ion Ratio Lower Upper
96 100
61 161.8 123.0 184.4
98 66.9 50.9 76.3





#16

Acetone

Concen: 6.303 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007693.D

Acq: 26 Feb 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

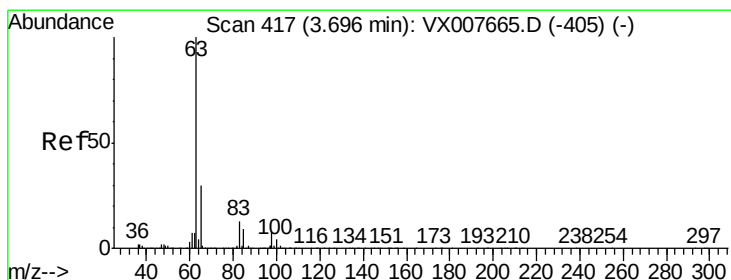
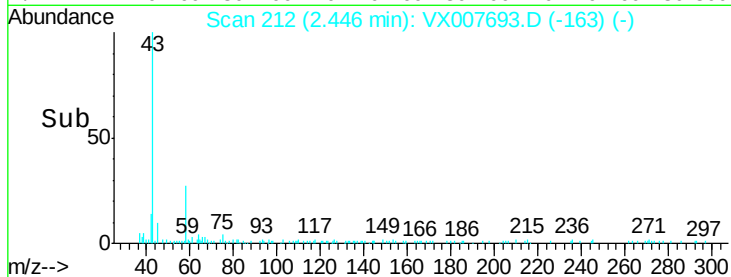
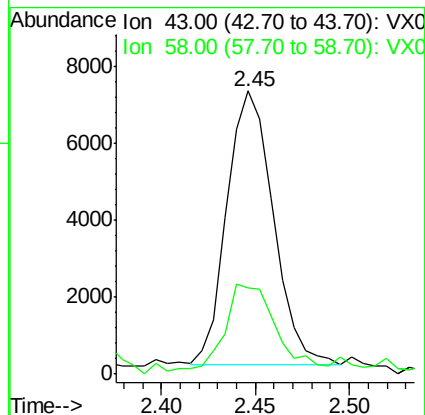
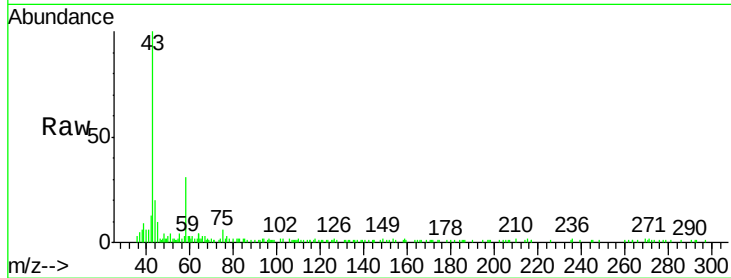
BP-VPB201-GW-365-367

Tot Ion: 43 Resp: 12123

Ion Ratio Lower Upper

43 100

58 29.8 24.9 37.3



#24

1,1-Dichloroethane

Concen: 2.292 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007693.D

Acq: 26 Feb 2019 04:14

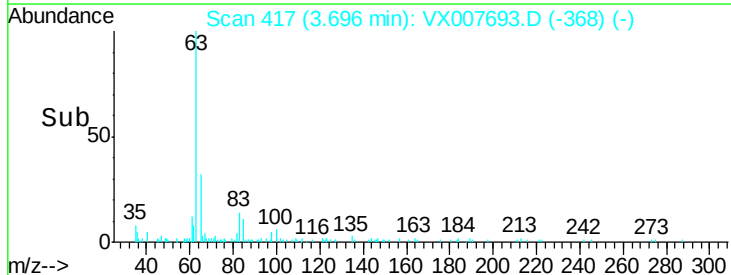
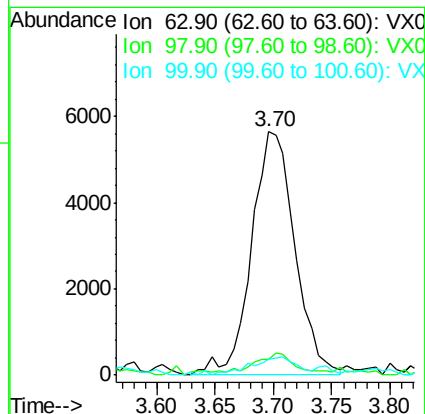
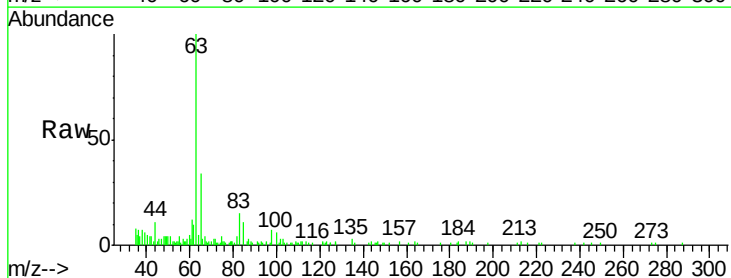
Tgt Ion: 63 Resp: 14647

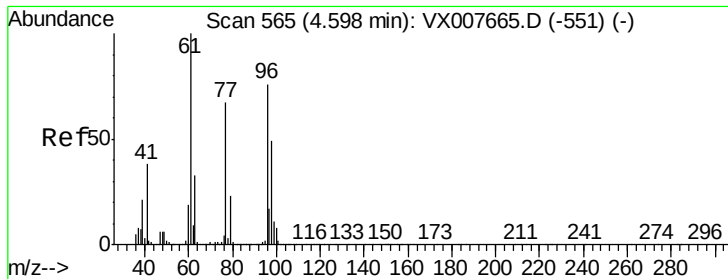
Ion Ratio Lower Upper

63 100

98 5.6 3.6 10.8

100 5.6 2.5 7.4



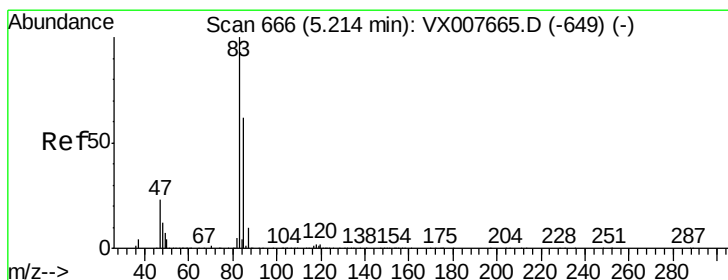
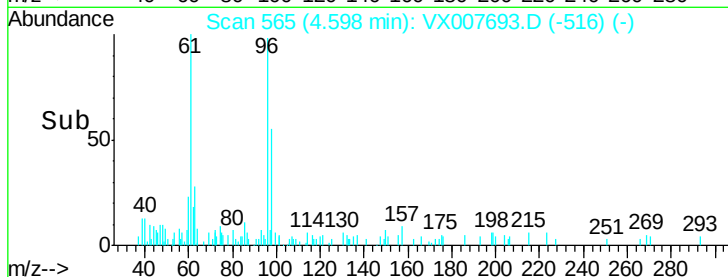
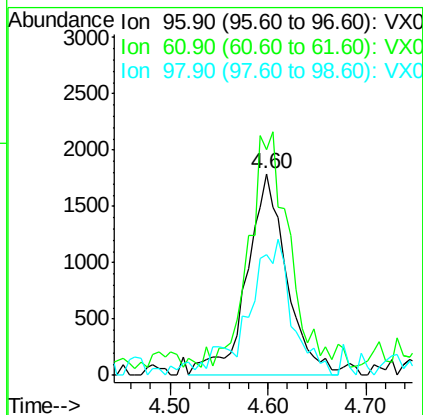
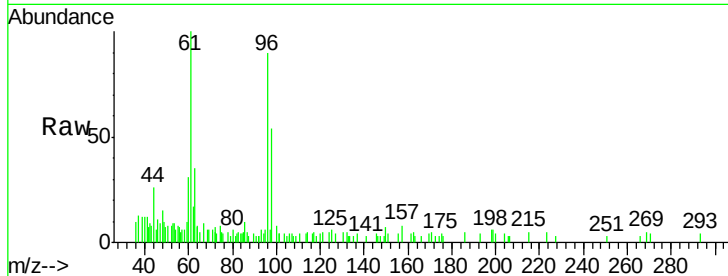


#27

cis-1,2-Dichloroethene
 Concen: 1.200 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007693.D
 Acq: 26 Feb 2019 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-365-367

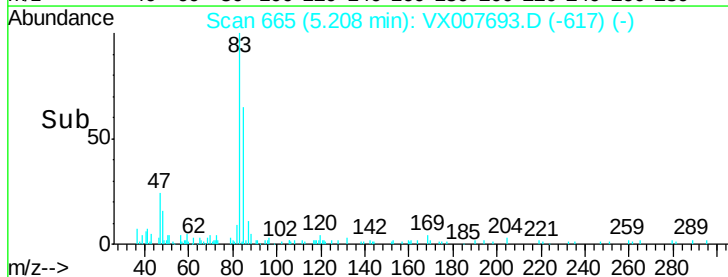
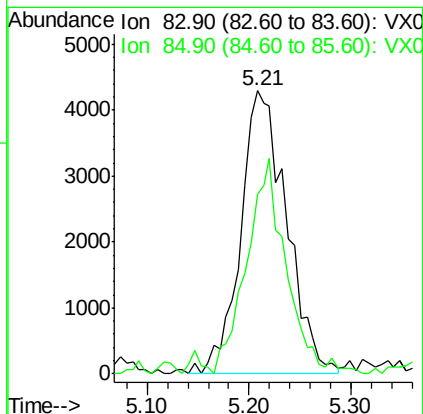
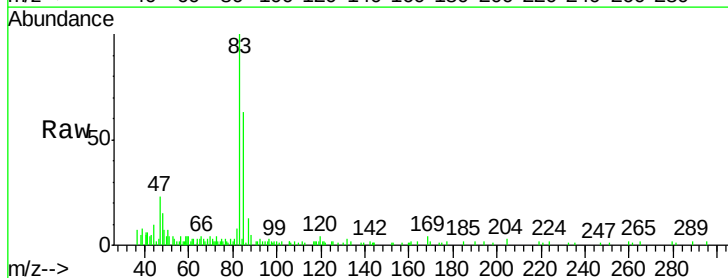
Tot Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	265.6
98	63.4	0.0	131.6

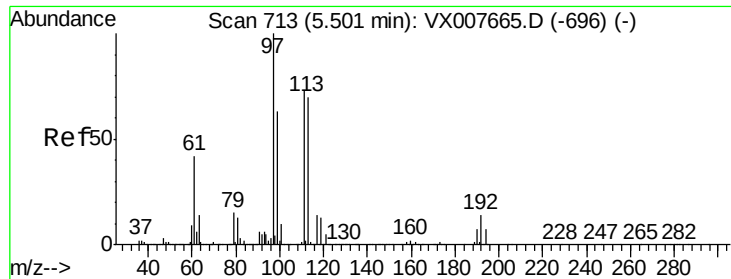


#30

Chloroform
 Concen: 1.964 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: VX007693.D
 Acq: 26 Feb 2019 04:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.6	77.4





#32

1,1,1-Trichloroethane

Concen: 1.789 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007693.D

Acq: 26 Feb 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

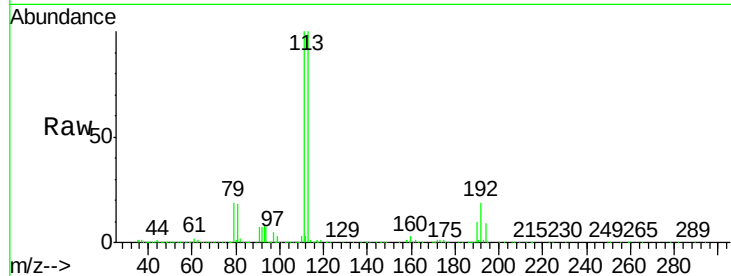
Tot Ion: 97 Resp: 10127

Ion Ratio Lower Upper

97 100

99 70.4 52.2 78.2

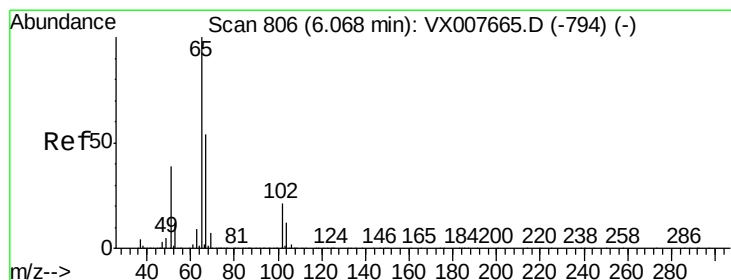
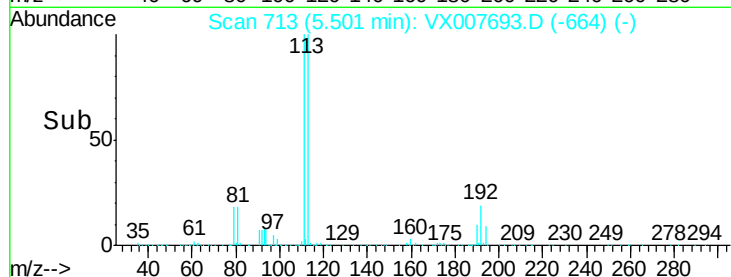
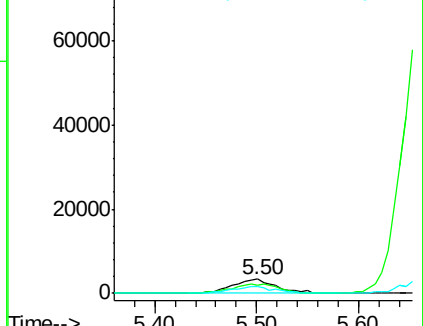
61 44.8 32.7 49.1



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: 49.250 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007693.D

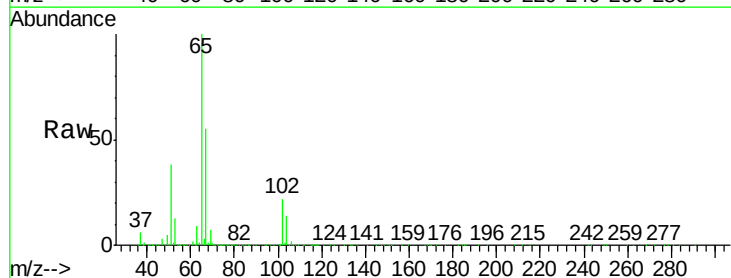
Acq: 26 Feb 2019 04:14

Tgt Ion: 65 Resp: 213011

Ion Ratio Lower Upper

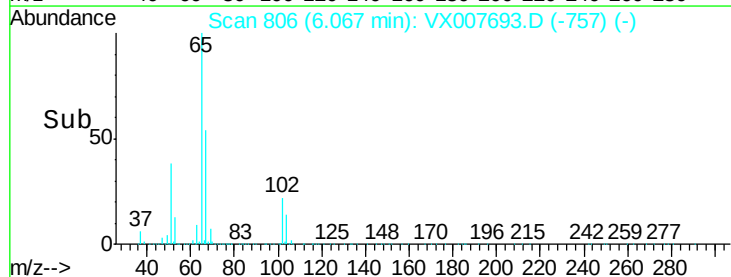
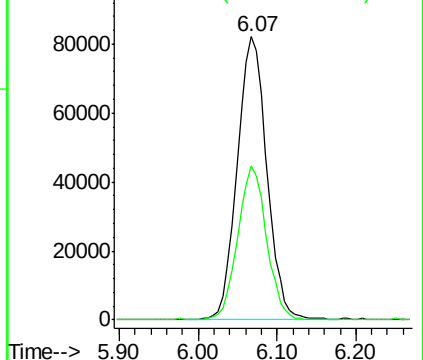
65 100

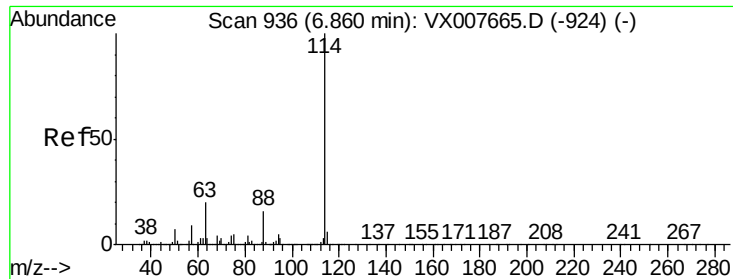
67 53.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

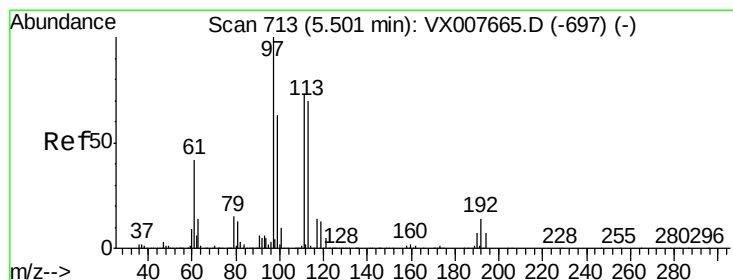
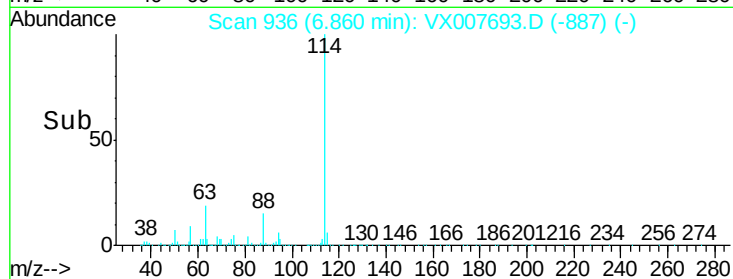
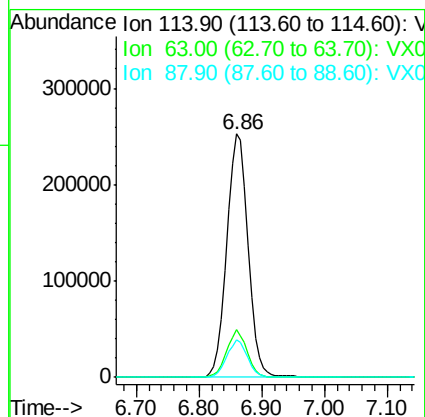
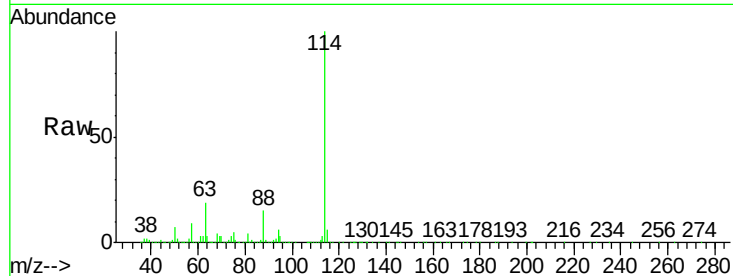




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007693.D
Acq: 26 Feb 2019 04:14

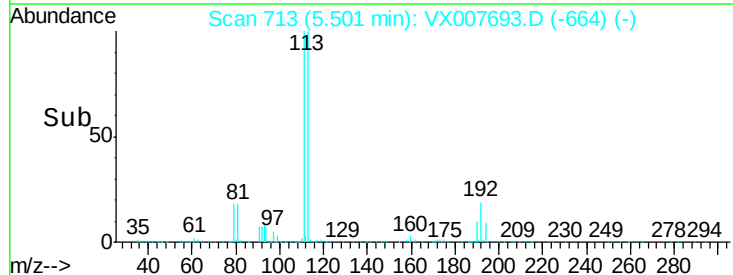
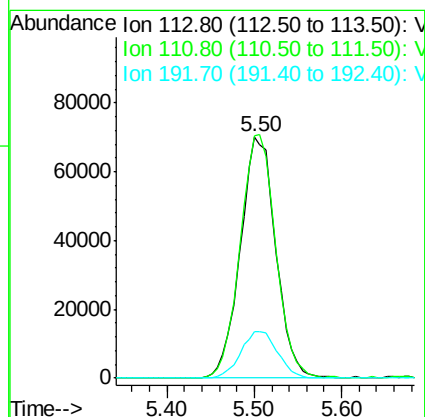
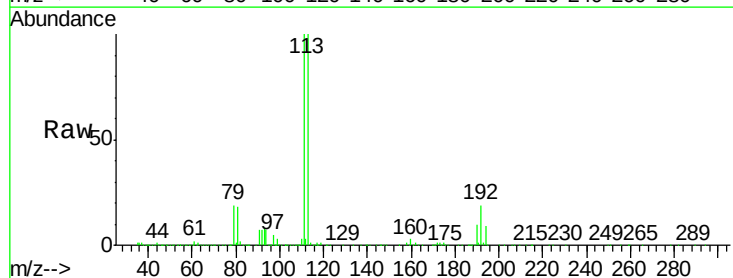
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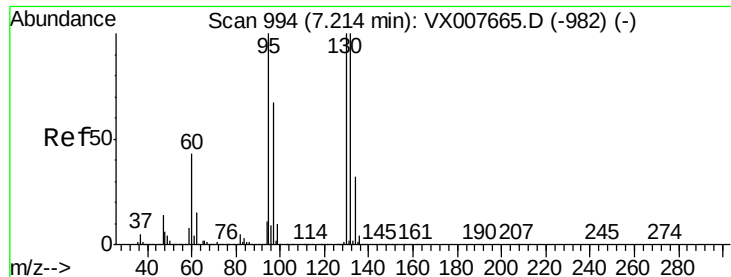
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	35.6
88	15.2	0.0	29.6



#35
Dibromofluoromethane
Concen: 49.651 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007693.D
Acq: 26 Feb 2019 04:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.8
192	20.2	18.5	27.7





#44

Trichloroethene

Concen: 20.683 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007693.D

Acq: 26 Feb 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

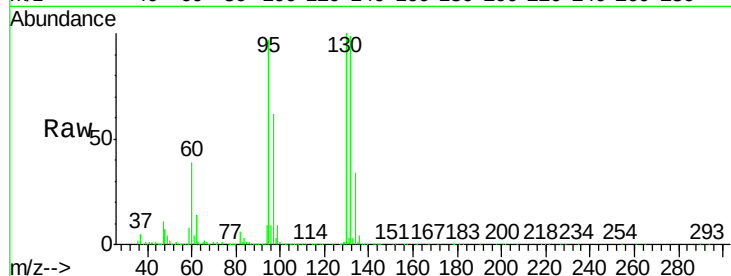
BP-VPB201-GW-365-367

Tot Ion:130 Resp: 93811

Ion Ratio Lower Upper

130 100

95 96.3 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

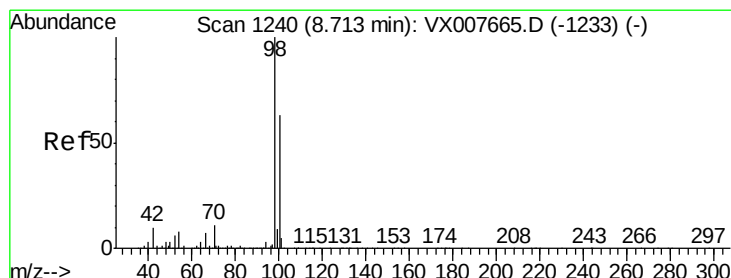
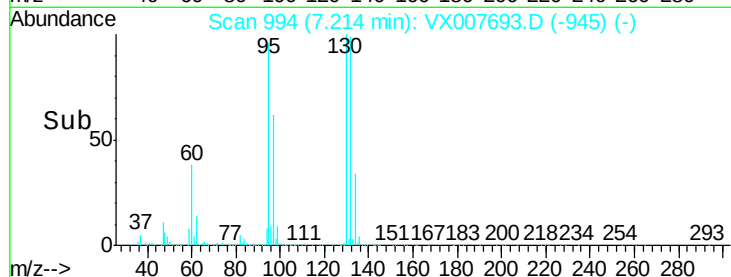
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 47.458 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007693.D

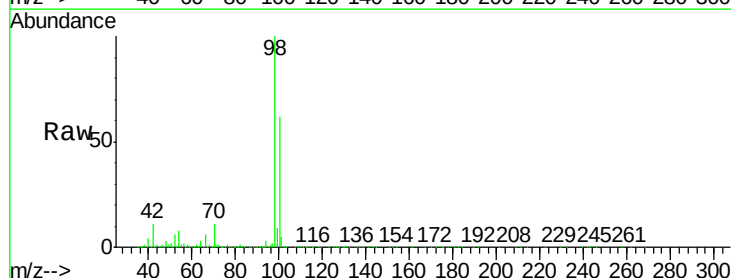
Acq: 26 Feb 2019 04:14

Tgt Ion: 98 Resp: 721550

Ion Ratio Lower Upper

98 100

100 63.8 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

500000

400000

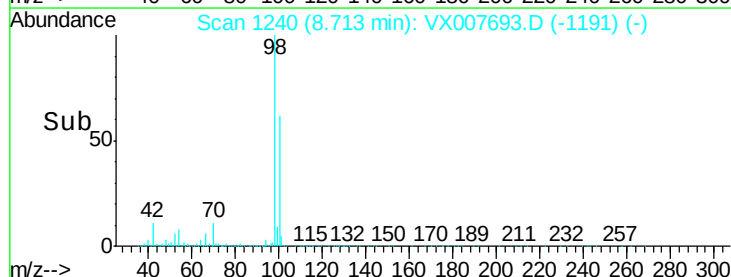
300000

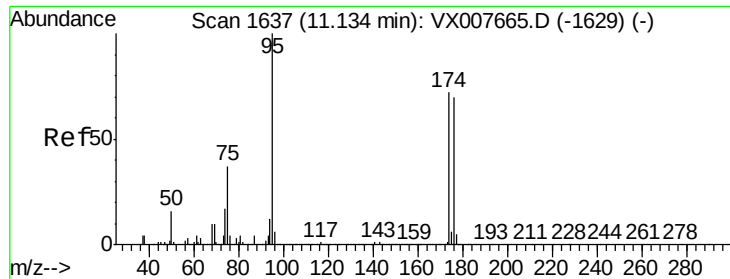
200000

100000

0

Time--> 8.65 8.70 8.75 8.80





#62

4-Bromofluorobenzene

Concen: 44.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007693.D

Acq: 26 Feb 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-365-367

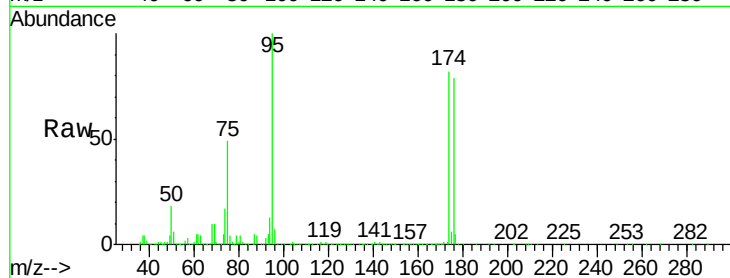
Tot Ion: 95 Resp: 251093

Ion Ratio Lower Upper

95 100

174 85.9 0.0 189.2

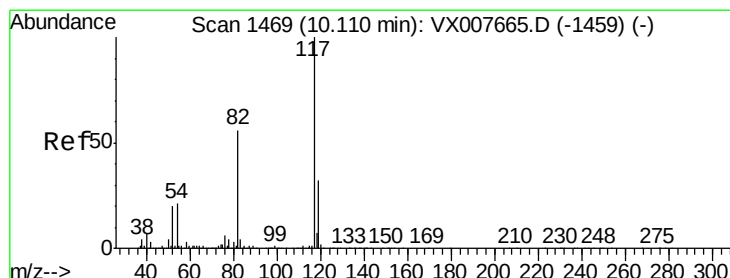
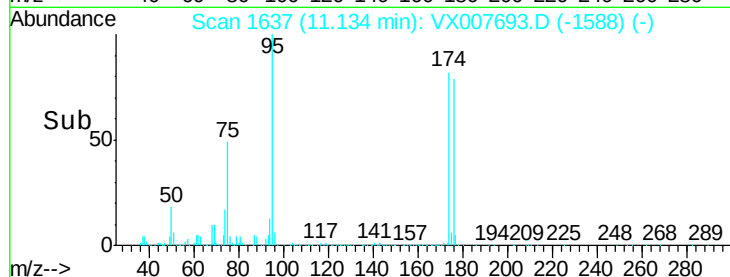
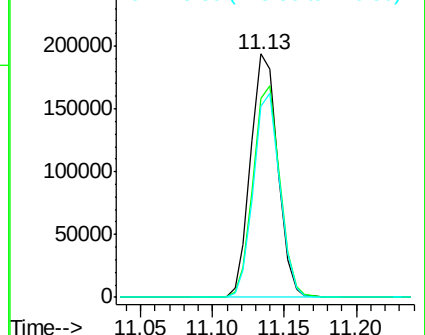
176 81.8 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007693.D

Acq: 26 Feb 2019 04:14

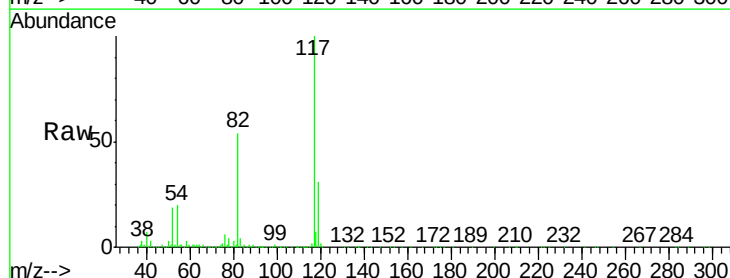
Tgt Ion: 117 Resp: 562712

Ion Ratio Lower Upper

117 100

82 54.0 42.1 63.1

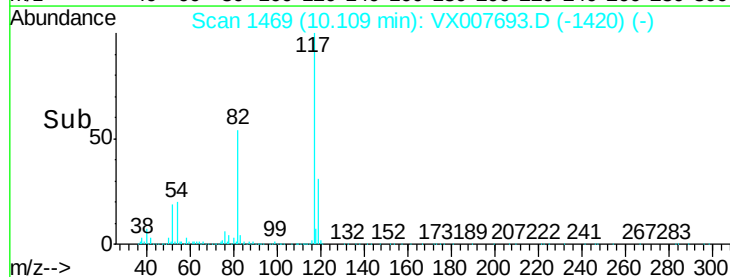
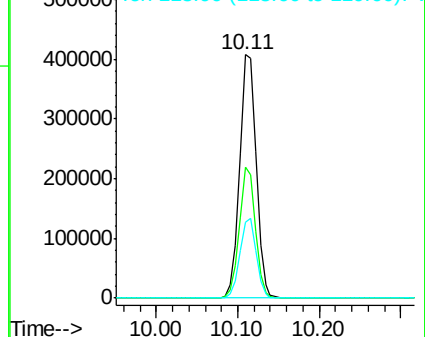
119 31.3 26.5 39.7

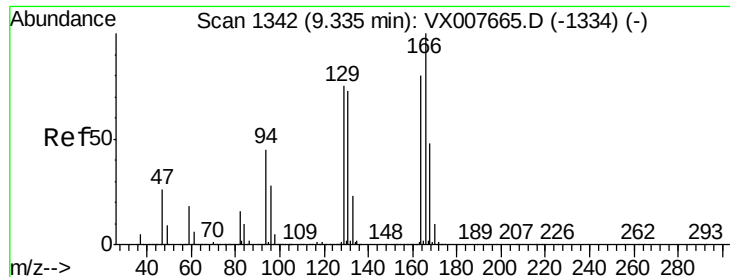


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

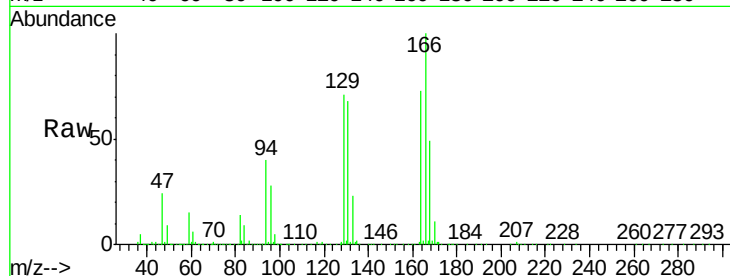




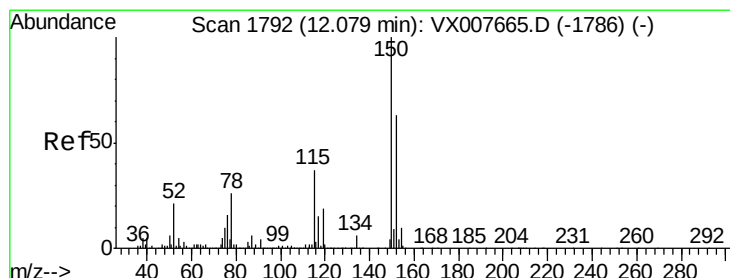
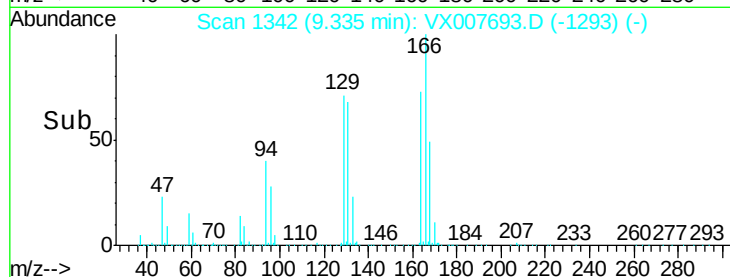
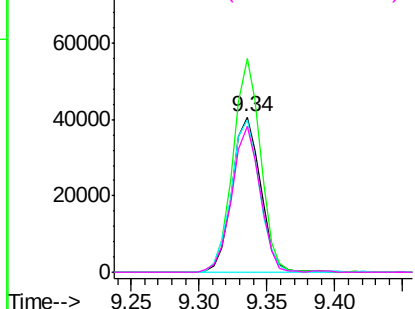
#64
Tetrachloroethene
Concen: 13.012 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007693.D
Acq: 26 Feb 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-365-367

Tot Ion:164 Resp: 59443
Ion Ratio Lower Upper
164 100
166 137.6 101.0 151.4
129 97.7 70.5 105.7
131 94.1 69.8 104.6

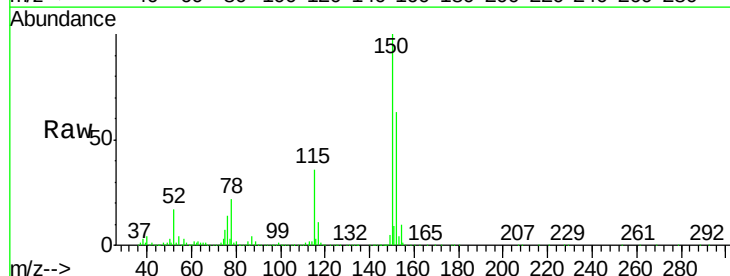


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007693.D
Acq: 26 Feb 2019 04:14

Tgt Ion:152 Resp: 255754
Ion Ratio Lower Upper
152 100
115 56.7 38.0 114.0
150 157.5 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

