

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007680.D
 Acq On : 25 Feb 2019 18:07
 Operator : JC/SP
 Sample : K1578-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-280-282

Quant Time: Feb 26 04:25:28 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

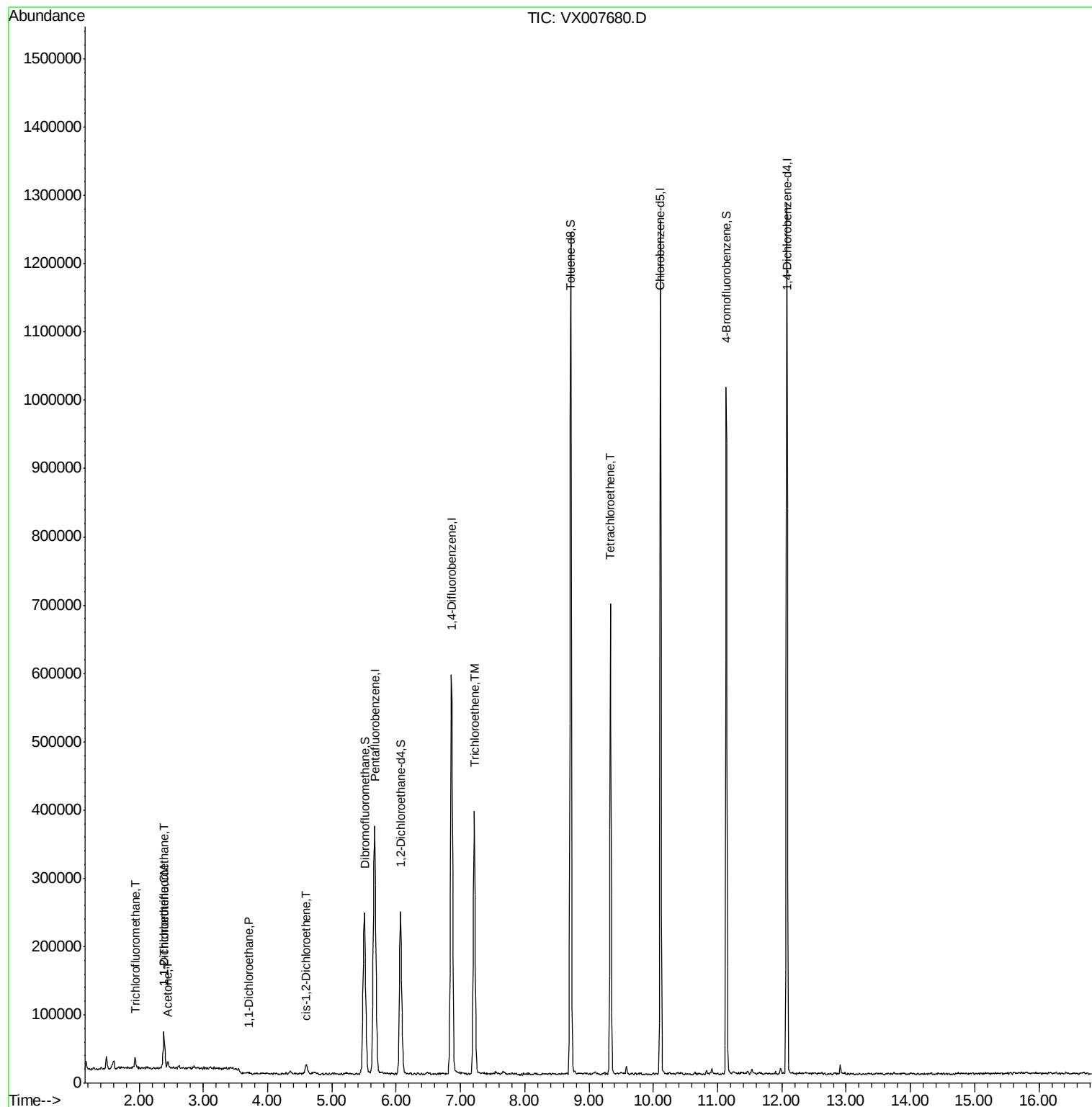
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	365316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	611610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220066	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	5.51	113	198835	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	741751	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.13	95	262023	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
7) Trichlorofluoromethane	1.94	101	10446	1.781	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	17041	4.807	ug/l	89
12) 1,1-Dichloroethene	2.39	96	7012	2.194	ug/l	90
16) Acetone	2.45	43	11608	5.768	ug/l	100
24) 1,1-Dichloroethane	3.70	63	2797	0.418	ug/l #	56
27) cis-1,2-Dichloroethene	4.60	96	9346	2.114	ug/l	88
44) Trichloroethene	7.21	130	152608	32.683	ug/l	94
64) Tetrachloroethene	9.34	164	134201	28.499	ug/l	96

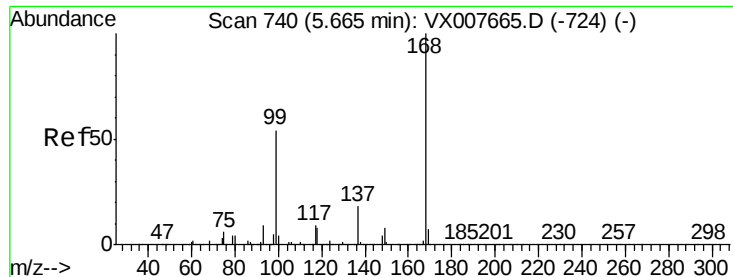
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BP-VPB201-GW-280-282

Quant Time: Feb 26 04:25:28 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: VX007680.D

Acq: 25 Feb 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

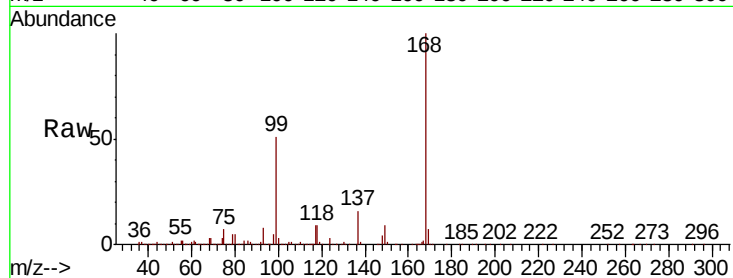
BP-VPB201-GW-280-282

Tot Ion:168 Resp: 365316

Ion Ratio Lower Upper

168 100

99 50.7 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

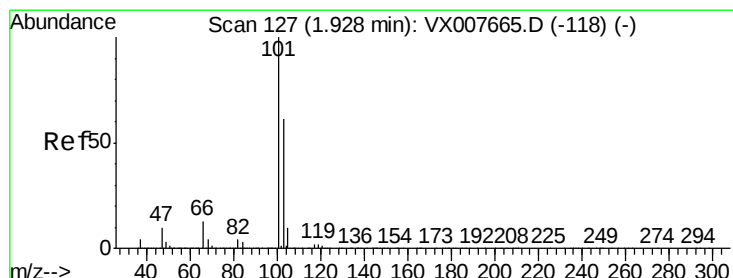
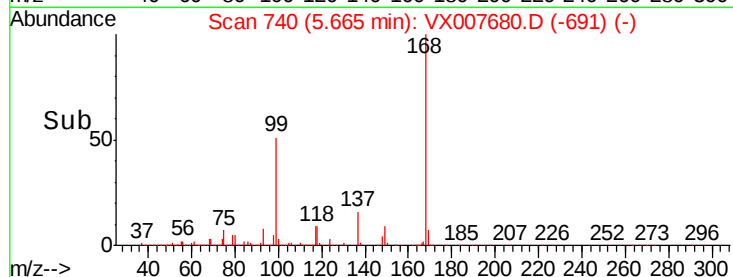
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.781 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007680.D

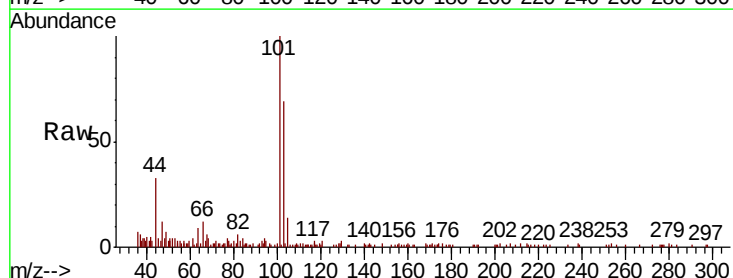
Acq: 25 Feb 2019 18:07

Tgt Ion:101 Resp: 10446

Ion Ratio Lower Upper

101 100

103 67.8 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.94

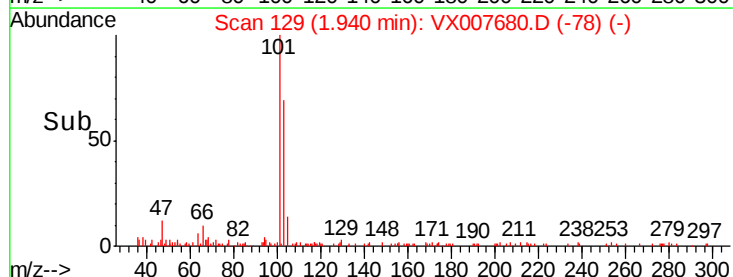
6000

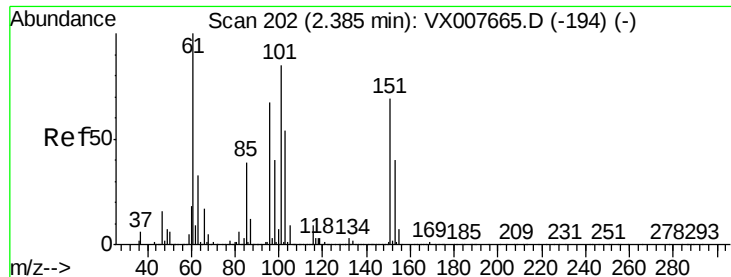
4000

2000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.807 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007680.D

Acq: 25 Feb 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-280-282

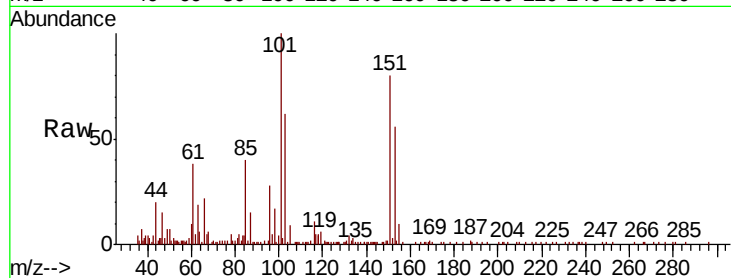
Tot Ion:101 Resp: 17041

Ion Ratio Lower Upper

101 100

85 44.8 34.1 51.1

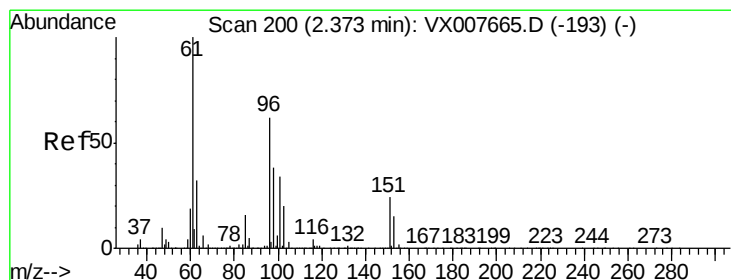
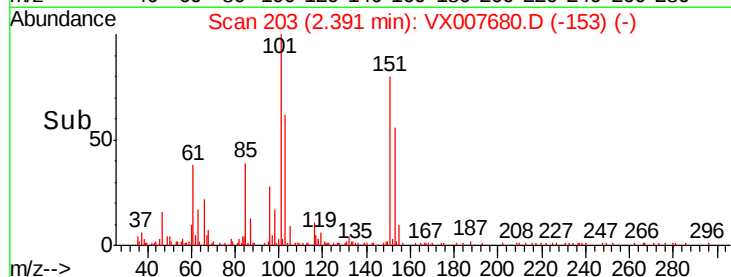
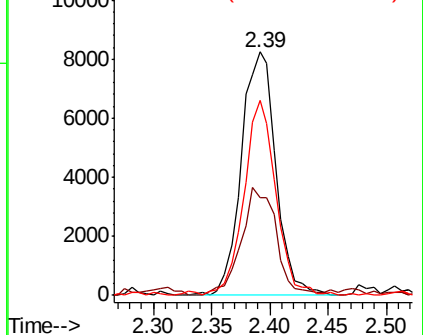
151 74.1 69.9 104.9



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



#12

1,1-Dichloroethene

Concen: 2.194 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX007680.D

Acq: 25 Feb 2019 18:07

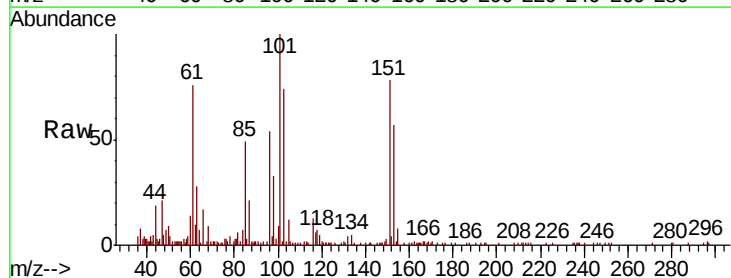
Tgt Ion: 96 Resp: 7012

Ion Ratio Lower Upper

96 100

61 136.4 123.0 184.4

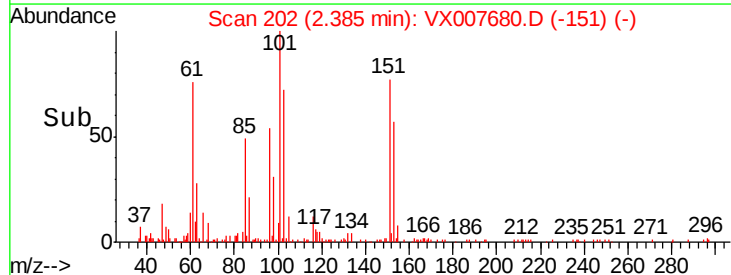
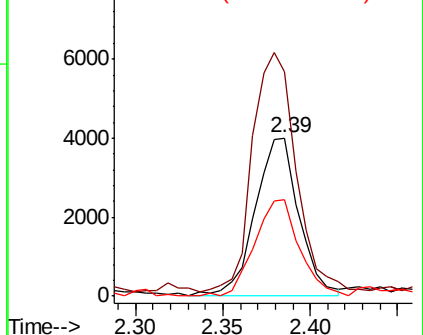
98 61.2 50.9 76.3

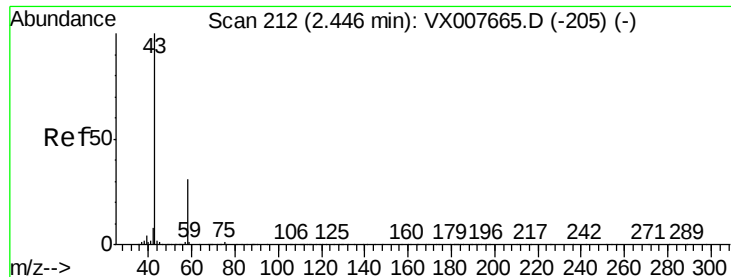


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

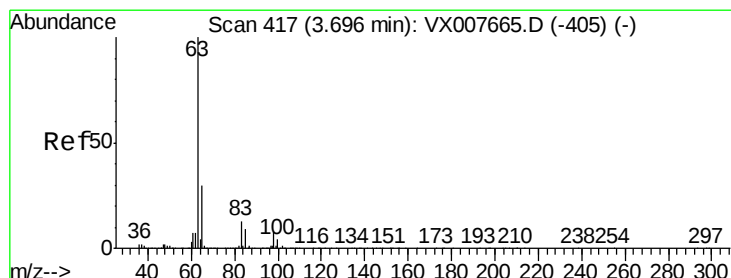
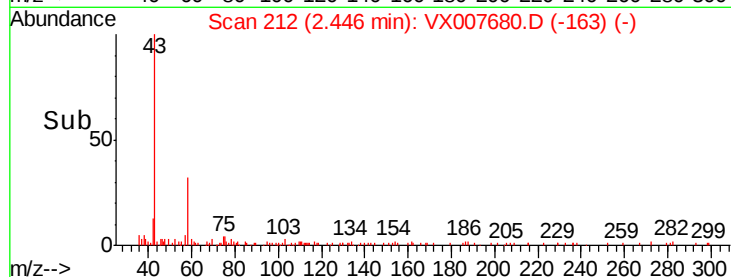
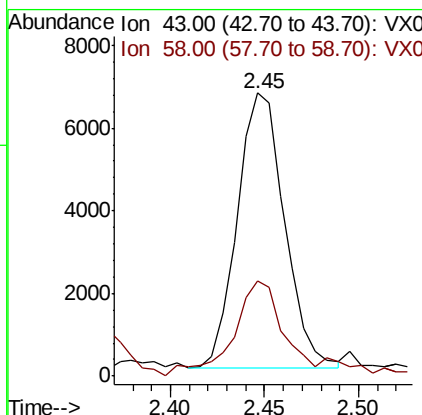
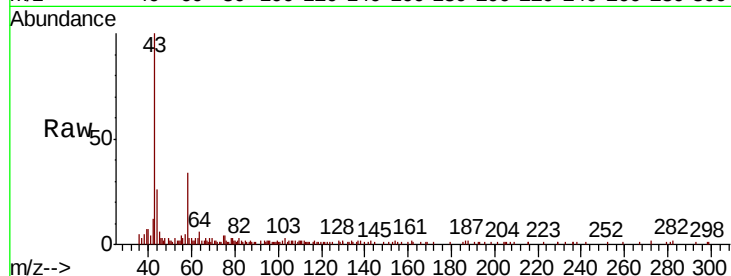




#16
Acetone
Concen: 5.768 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007680.D
Acq: 25 Feb 2019 18:07

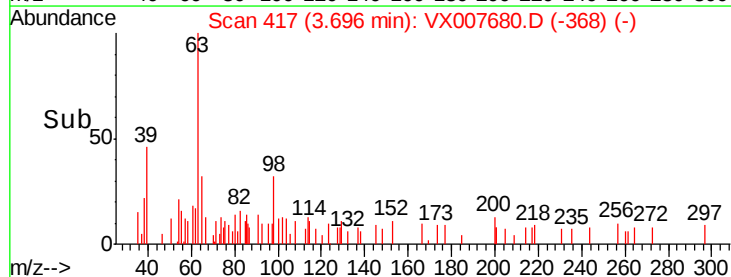
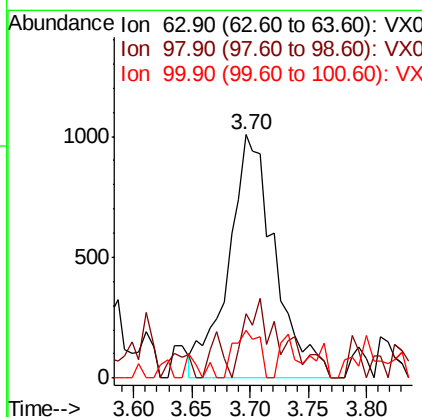
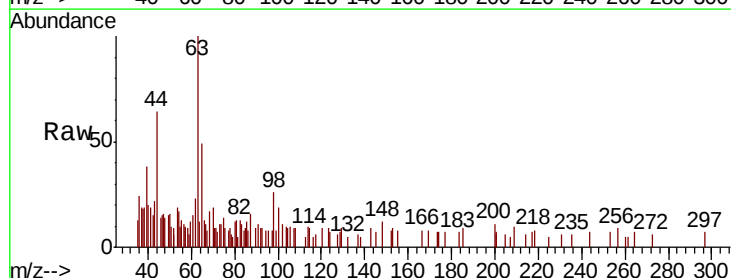
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-280-282

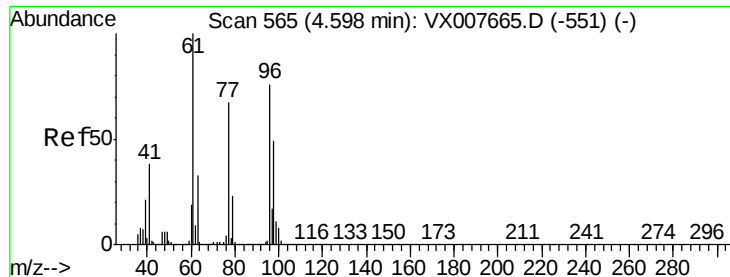
Tot Ion: 43 Resp: 11608
Ion Ratio Lower Upper
43 100
58 31.1 24.9 37.3



#24
1,1-Dichloroethane
Concen: 0.418 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007680.D
Acq: 25 Feb 2019 18:07

Tgt Ion: 63 Resp: 2797
Ion Ratio Lower Upper
63 100
98 26.3 3.6 10.8#
100 13.7 2.5 7.4#



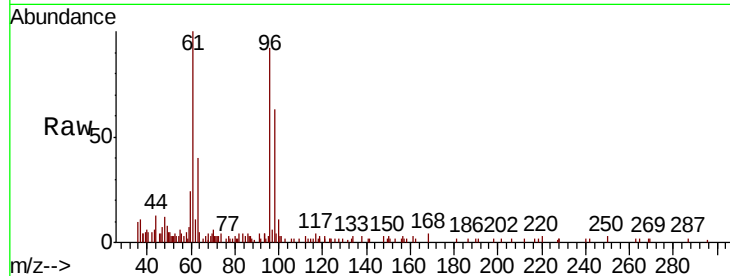


#27

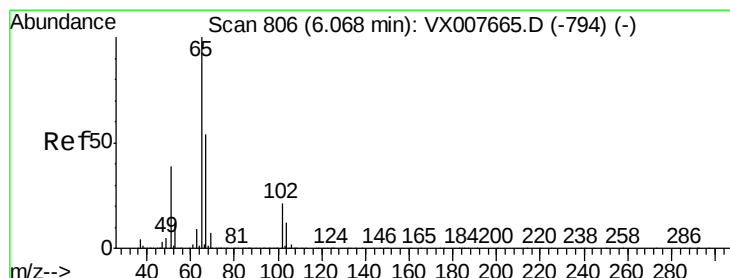
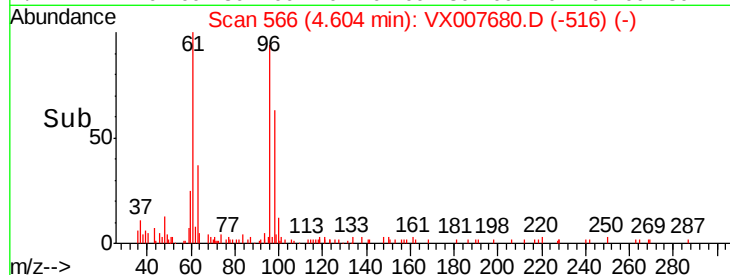
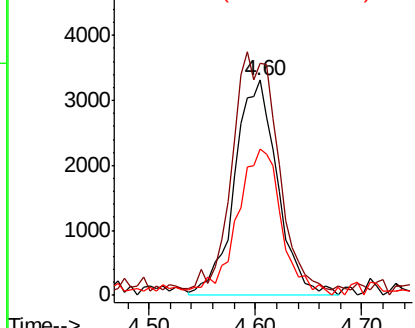
cis-1,2-Dichloroethene
Concen: 2.114 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007680.D
Acq: 25 Feb 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-280-282

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	265.6
98	71.0	0.0	131.6



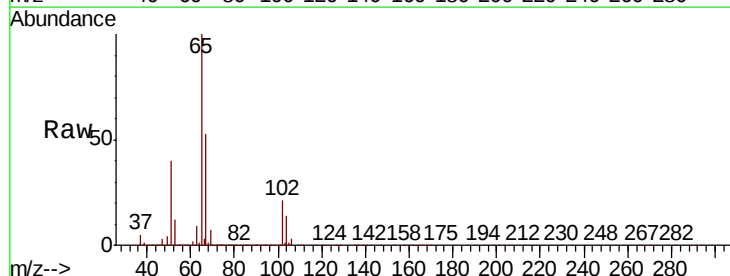
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



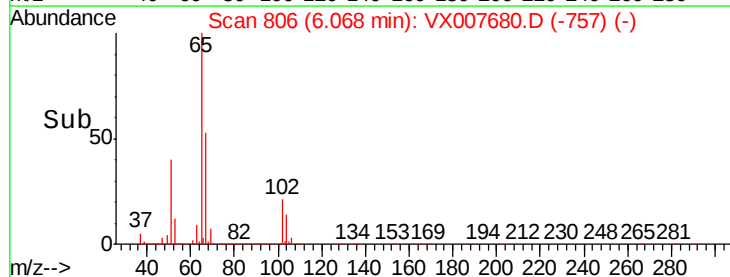
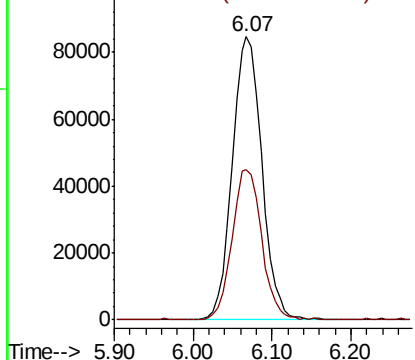
#33

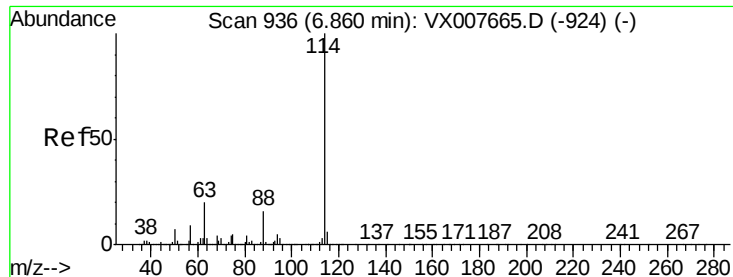
1,2-Dichloroethane-d4
Concen: 48.632 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007680.D
Acq: 25 Feb 2019 18:07

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VX007680.D

Acq: 25 Feb 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-280-282

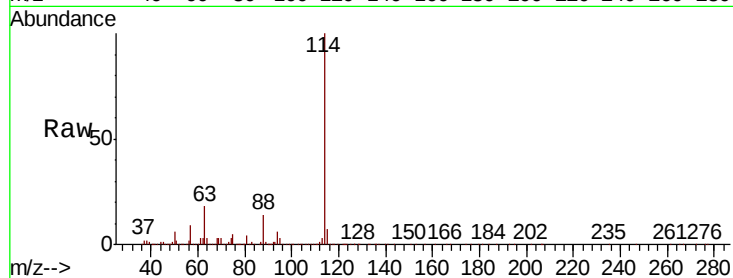
Tot Ion:114 Resp: 611610

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

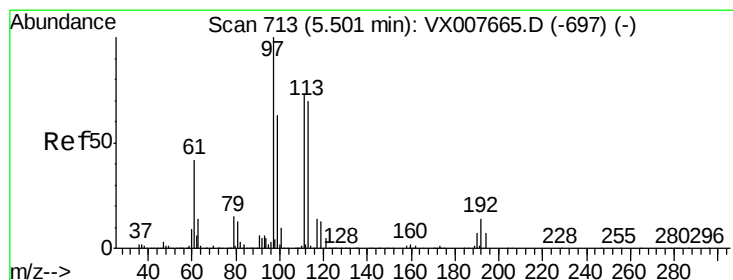
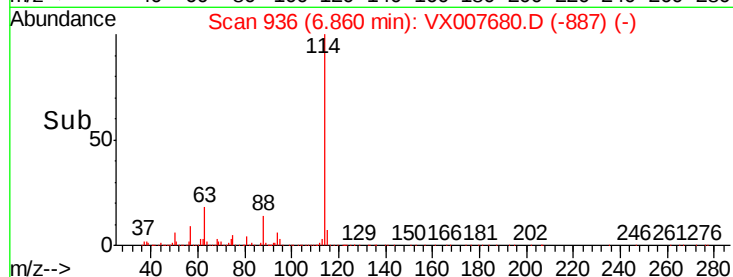
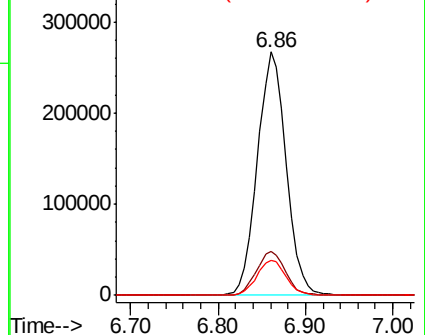
88 14.2 0.0 29.6



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: 48.634 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007680.D

Acq: 25 Feb 2019 18:07

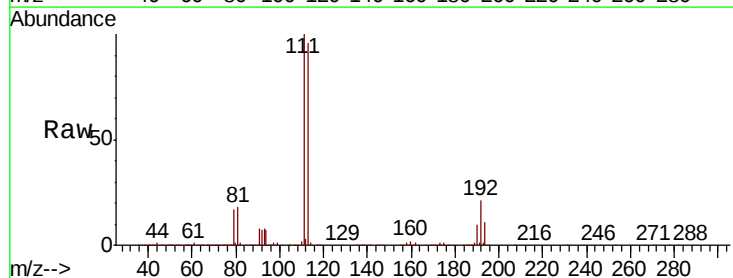
Tgt Ion:113 Resp: 198835

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.8

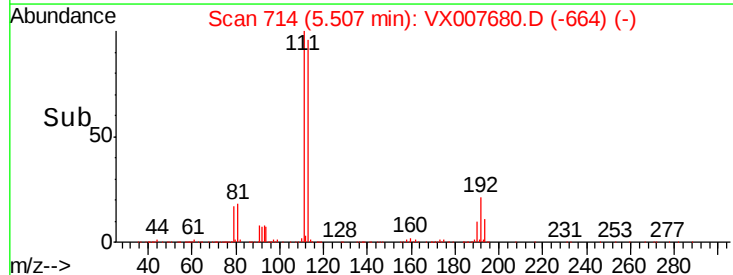
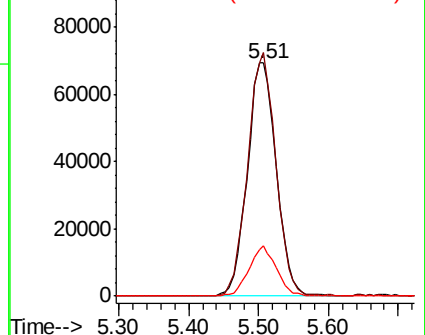
192 20.5 18.5 27.7

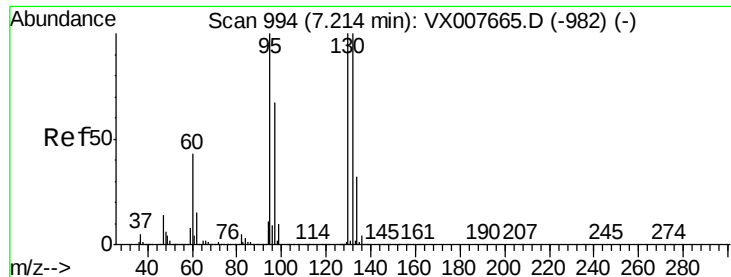


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 32.683 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007680.D

Acq: 25 Feb 2019 18:07

Instrument :

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ClientSampleId :

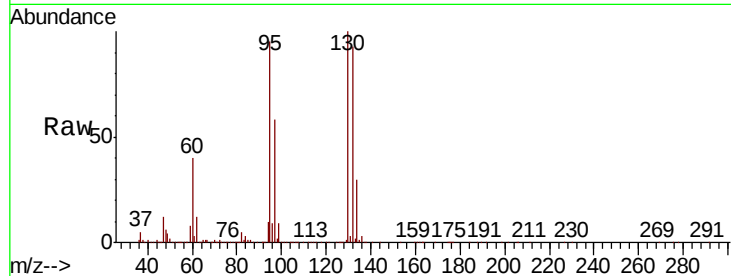
BP-VPB201-GW-280-282

Tot Ion:130 Resp: 152608

Ion Ratio Lower Upper

130 100

95 95.3 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

80000

60000

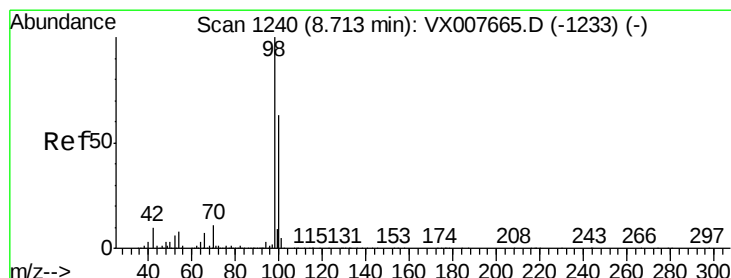
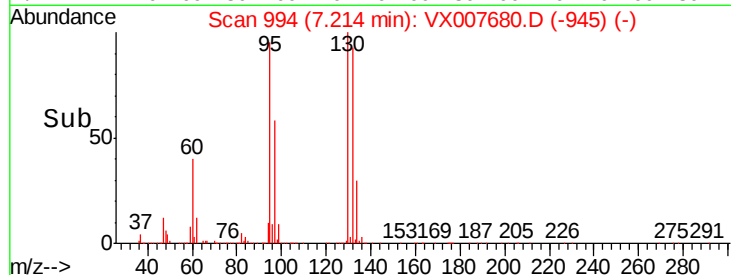
40000

20000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 47.390 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007680.D

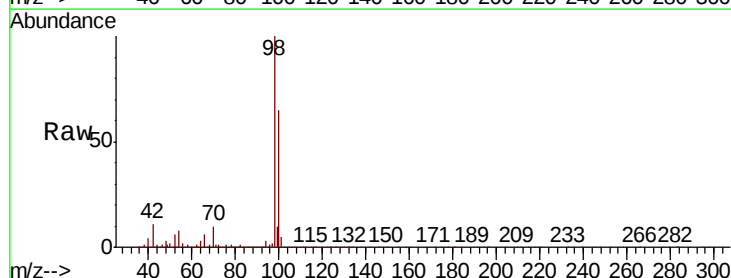
Acq: 25 Feb 2019 18:07

Tgt Ion: 98 Resp: 741751

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

500000

400000

300000

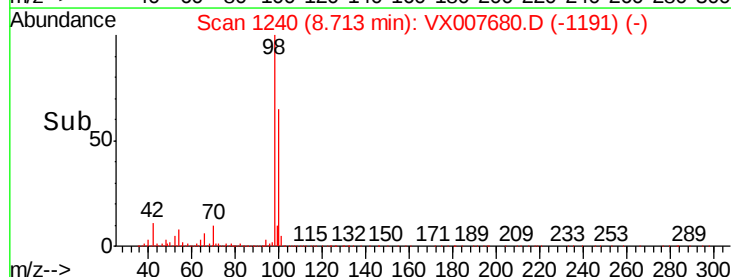
200000

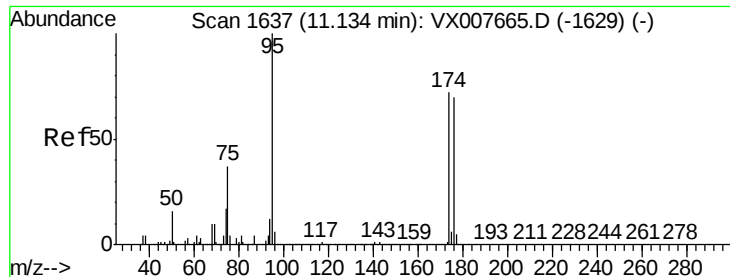
100000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 45.610 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007680.D

Acq: 25 Feb 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-280-282

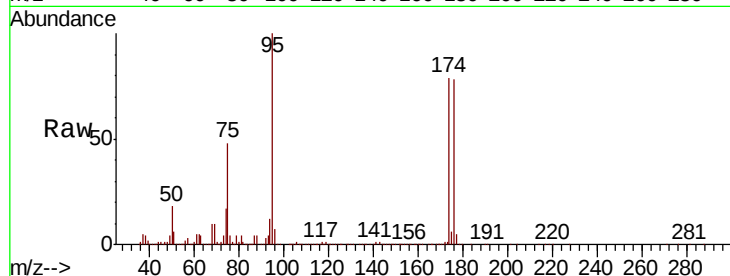
Tot Ion: 95 Resp: 262023

Ion Ratio Lower Upper

95 100

174 84.1 0.0 189.2

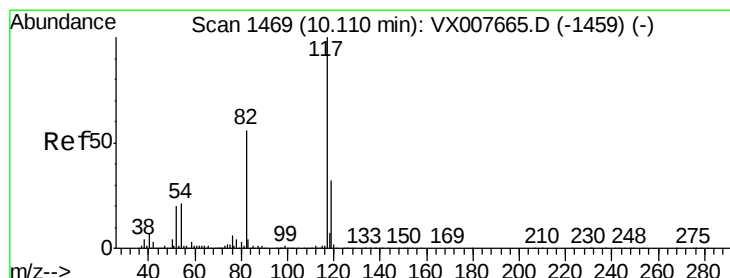
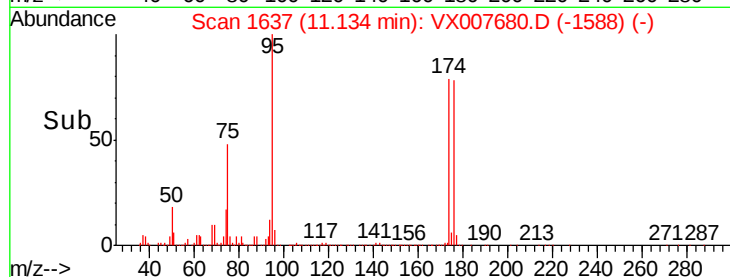
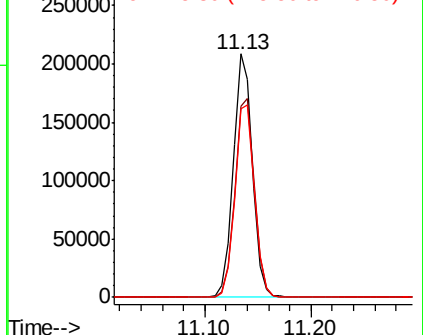
176 81.9 0.0 186.2



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: VX007680.D

Acq: 25 Feb 2019 18:07

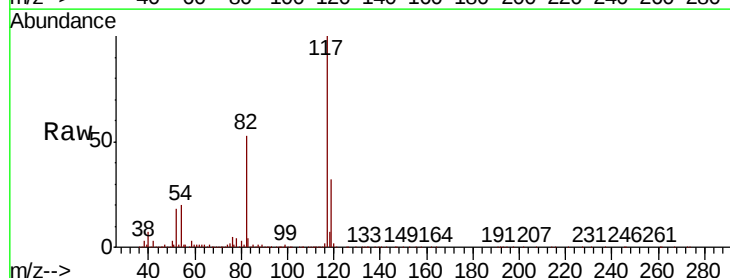
Tgt Ion: 117 Resp: 580057

Ion Ratio Lower Upper

117 100

82 53.3 42.1 63.1

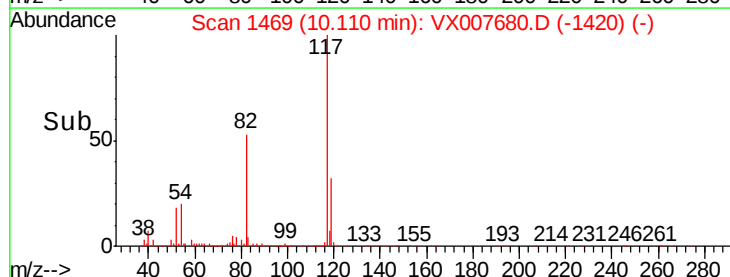
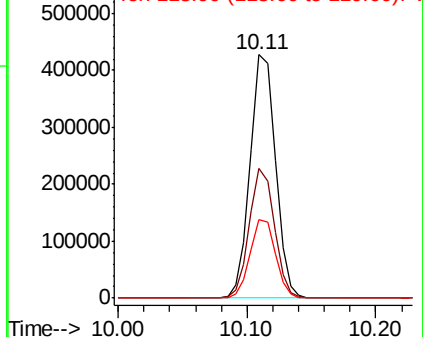
119 32.1 26.5 39.7

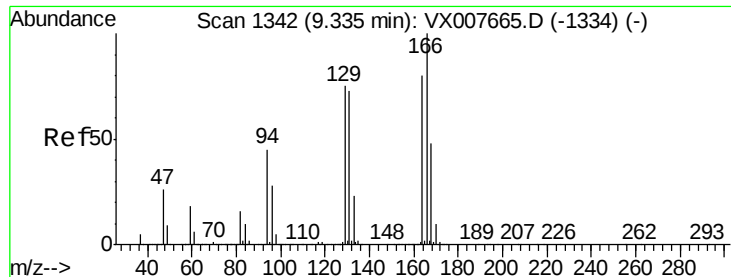


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

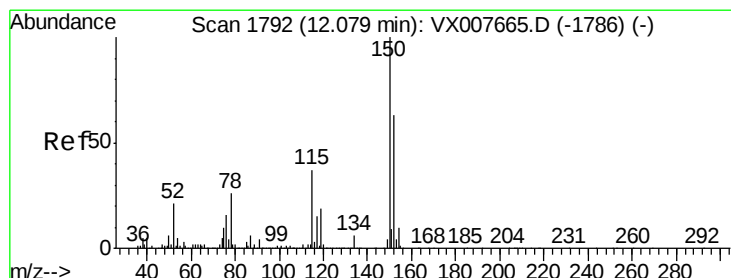
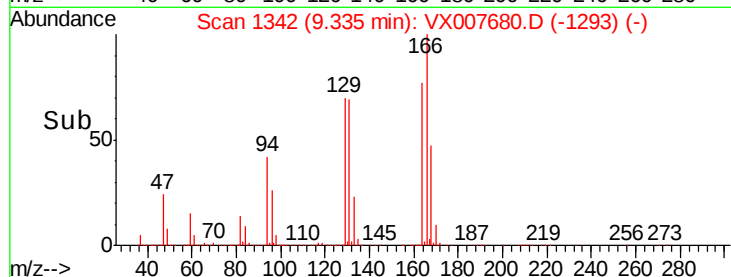
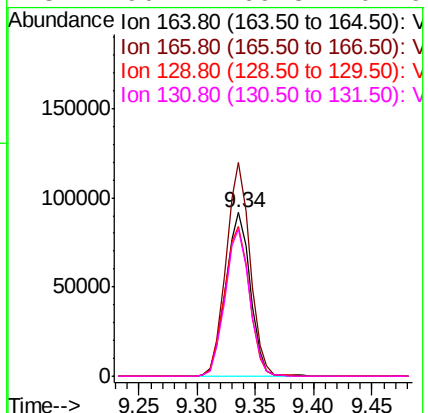
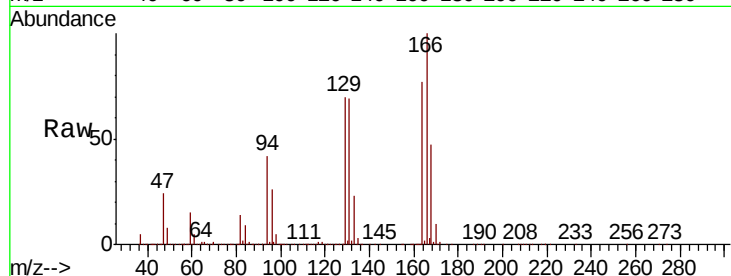




#64
Tetrachloroethene
Concen: 28.499 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007680.D
Acq: 25 Feb 2019 18:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-280-282

Tot Ion:164	Resp:	134201
Ion	Ratio	Lower Upper
164	100	
166	130.5	101.0 151.4
129	91.3	70.5 105.7
131	90.2	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: VX007680.D
Acq: 25 Feb 2019 18:07

Tgt Ion:152	Resp:	269138
Ion	Ratio	Lower Upper
152	100	
115	55.5	38.0 114.0
150	155.9	0.0 346.4

