

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007678.D
 Acq On : 25 Feb 2019 17:13
 Operator : JC/SP
 Sample : K1578-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-240-242

Quant Time: Feb 26 10:00:12 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

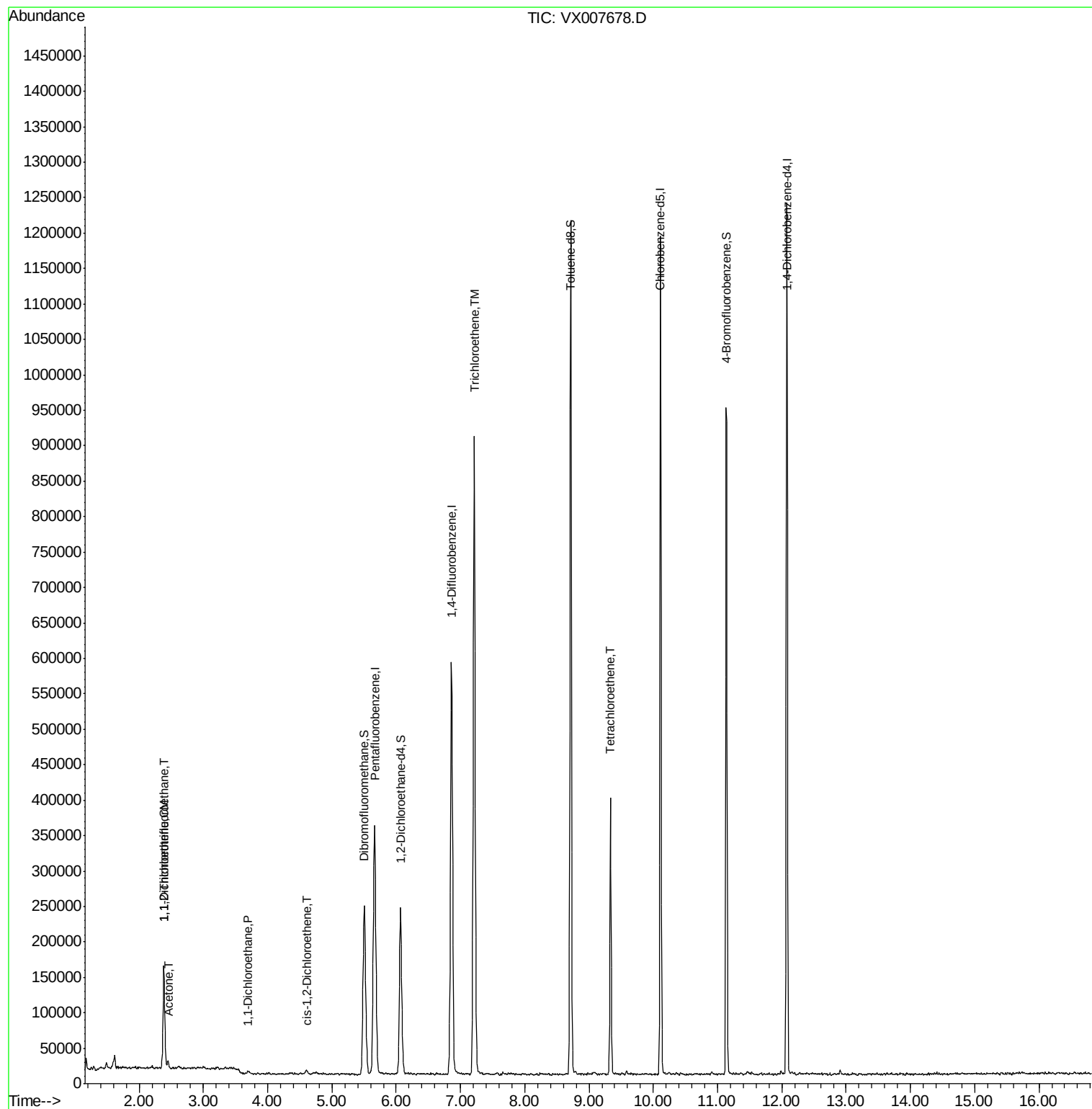
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	355441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	609533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	565840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213185	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	197501	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.71	98	726919	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	254081	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36319	10.530	ug/l	92
12) 1,1-Dichloroethene	2.38	96	24373	7.839	ug/l	98
16) Acetone	2.45	43	8148	4.162	ug/l	97
24) 1,1-Dichloroethane	3.70	63	4613	0.709	ug/l #	90
27) cis-1,2-Dichloroethene	4.60	96	3702	0.861	ug/l	84
44) Trichloroethene	7.21	130	354939	76.274	ug/l	96
64) Tetrachloroethene	9.34	164	72434	15.769	ug/l	99

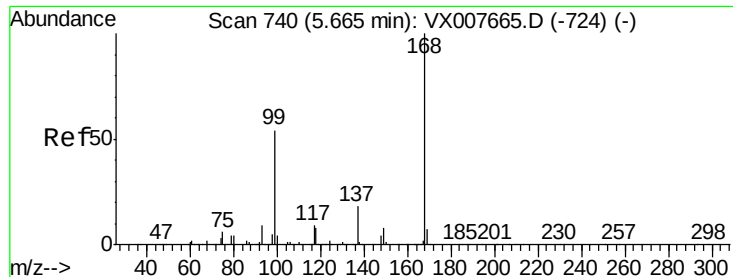
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007678.D

Acq: 25 Feb 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

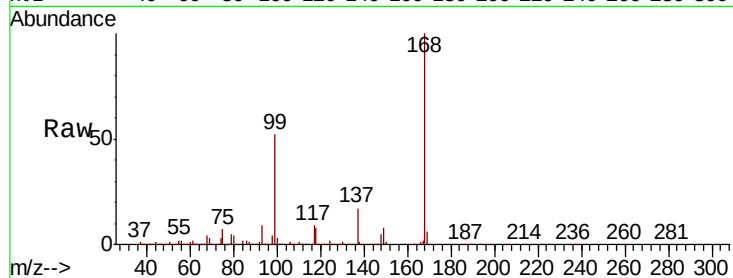
BP-VPB201-GW-240-242

Tot Ion:168 Resp: 355441

Ion Ratio Lower Upper

168 100

99 52.2 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

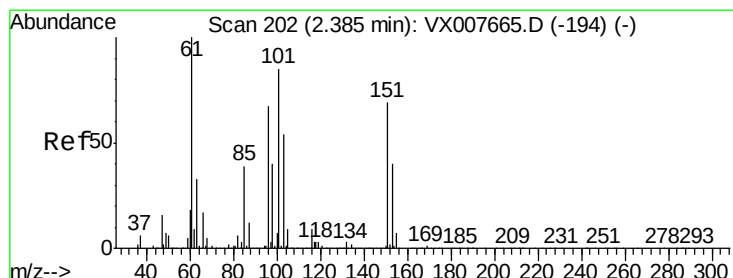
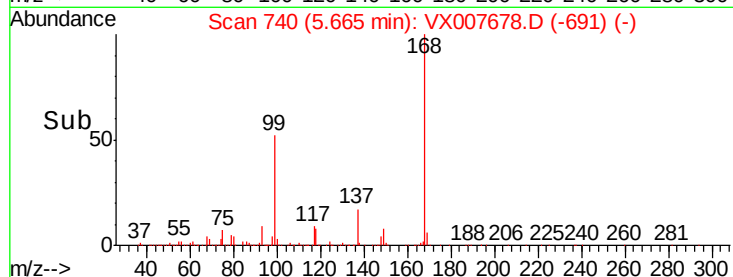
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.530 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007678.D

Acq: 25 Feb 2019 17:13

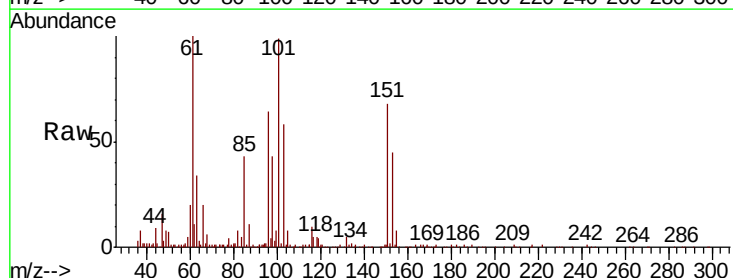
Tgt Ion:101 Resp: 36319

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

151 77.5 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

2.39

25000

20000

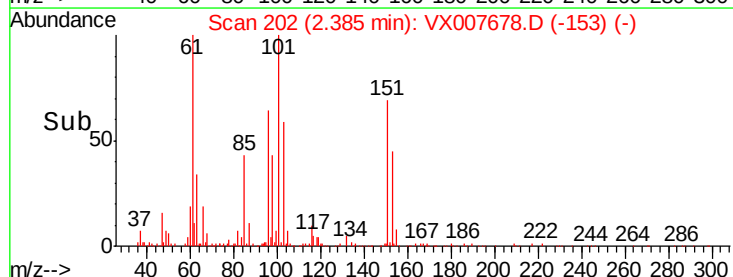
15000

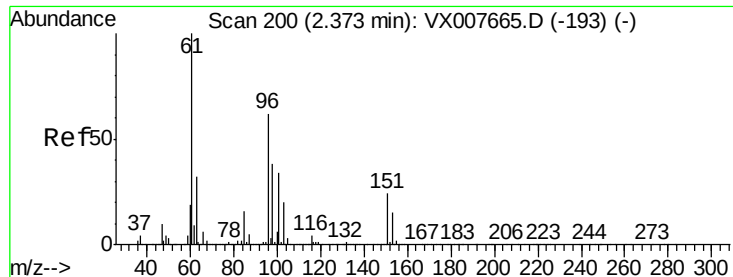
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 7.839 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007678.D

Acq: 25 Feb 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-240-242

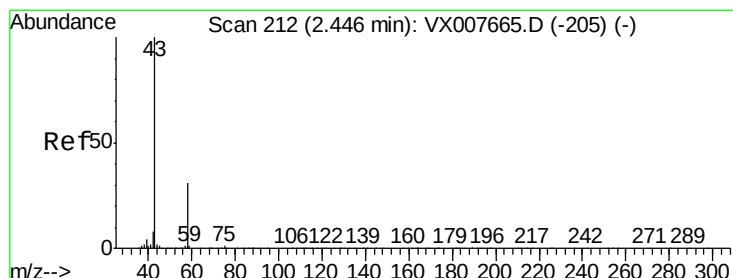
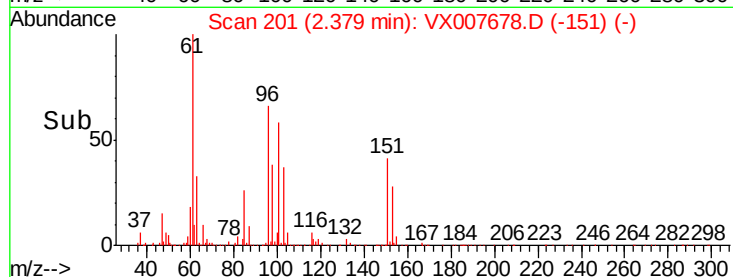
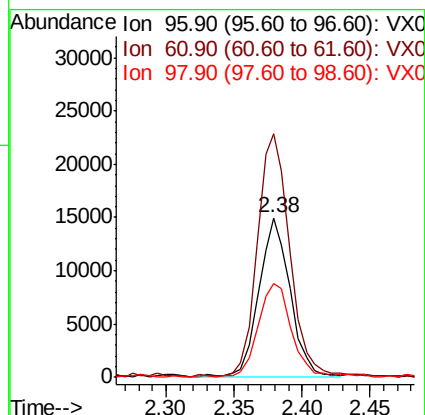
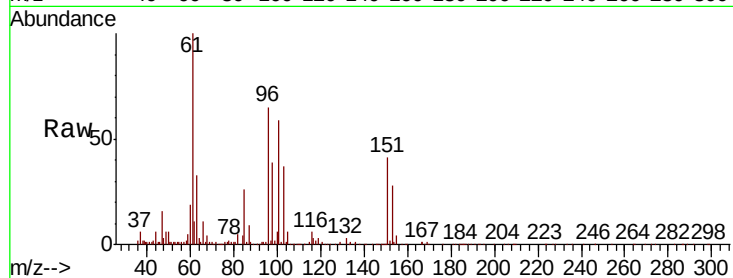
Tot Ion: 96 Resp: 24373

Ion Ratio Lower Upper

96 100

61 152.8 123.0 184.4

98 59.0 50.9 76.3



#16

Acetone

Concen: 4.162 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007678.D

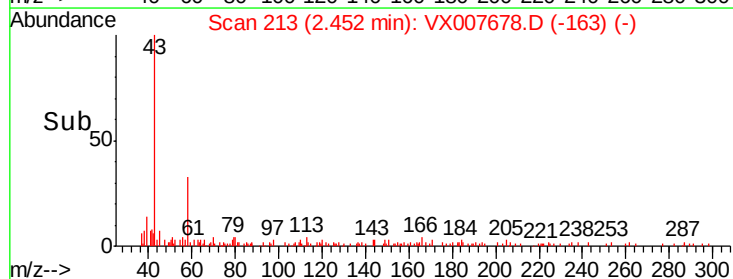
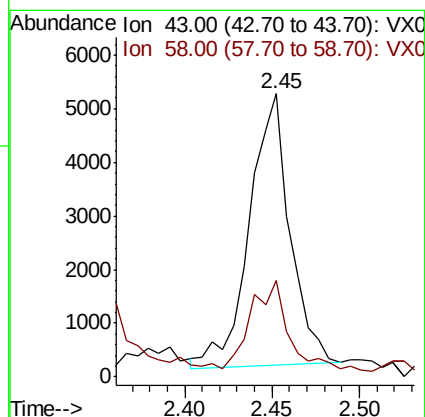
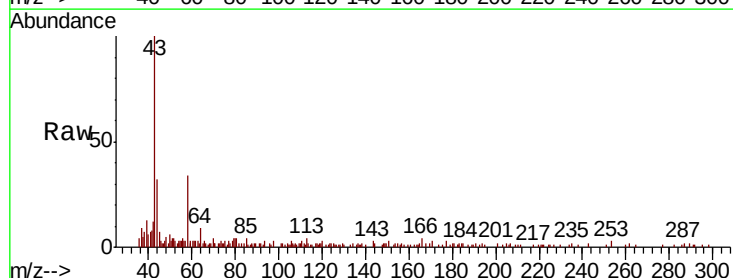
Acq: 25 Feb 2019 17:13

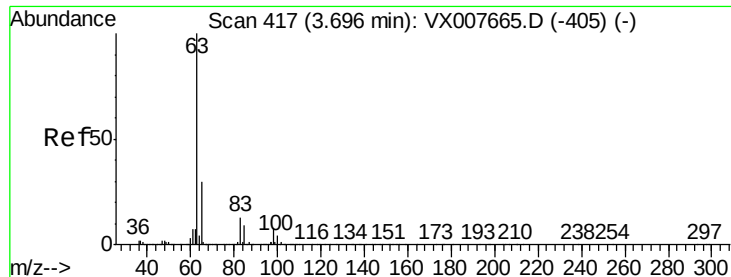
Tgt Ion: 43 Resp: 8148

Ion Ratio Lower Upper

43 100

58 32.9 24.9 37.3





#24

1,1-Dichloroethane

Concen: 0.709 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007678.D

Acq: 25 Feb 2019 17:13

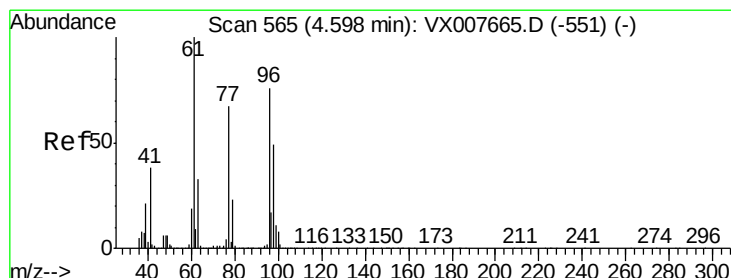
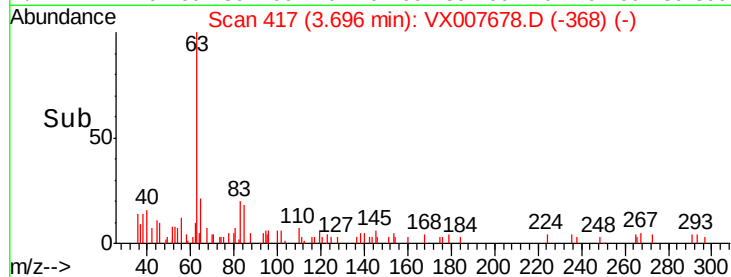
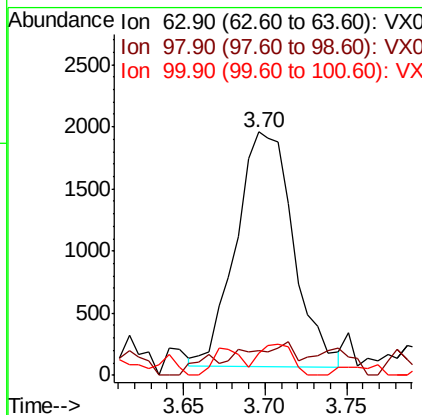
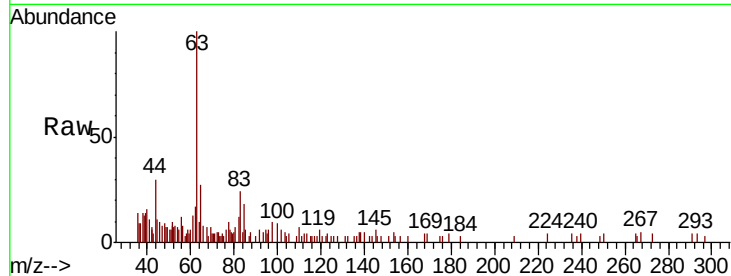
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-240-242

Tot Ion:	63	Resp:	4613
Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.6	10.8
100	10.3	2.5	7.4#



#27

cis-1,2-Dichloroethene

Concen: 0.861 ug/l

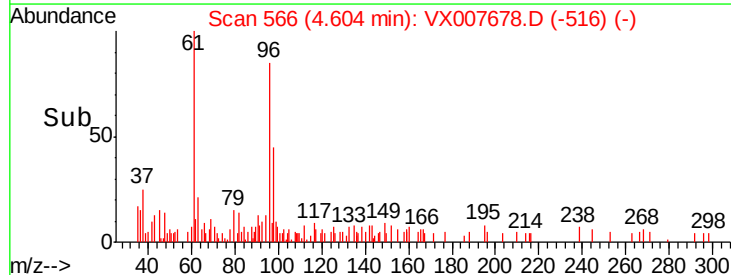
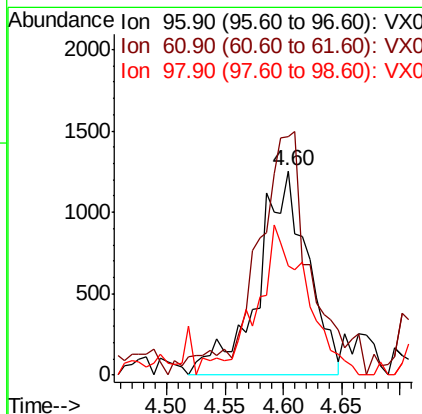
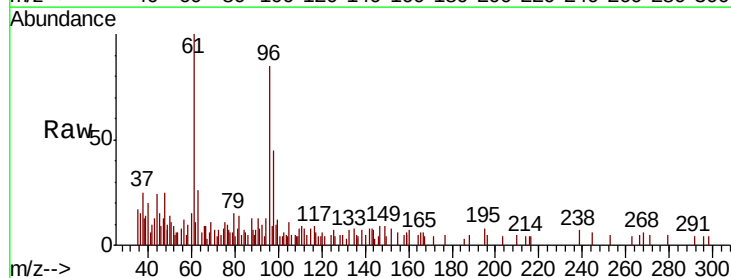
RT: 4.60 min Scan# 566

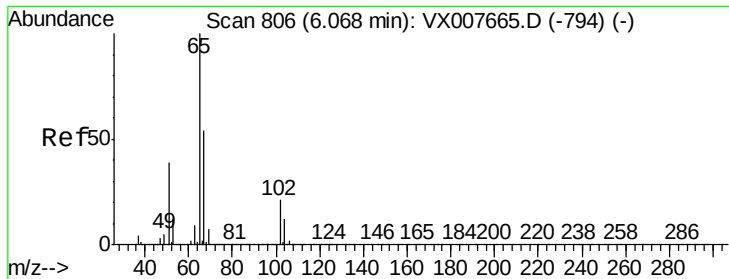
Delta R.T. 0.01 min

Lab File: VX007678.D

Acq: 25 Feb 2019 17:13

Tgt Ion:	96	Resp:	3702
Ion	Ratio	Lower	Upper
96	100		
61	110.4	0.0	265.6
98	73.0	0.0	131.6





#33

1,2-Dichloroethane-d4

Concen: 48.420 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007678.D

Acq: 25 Feb 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

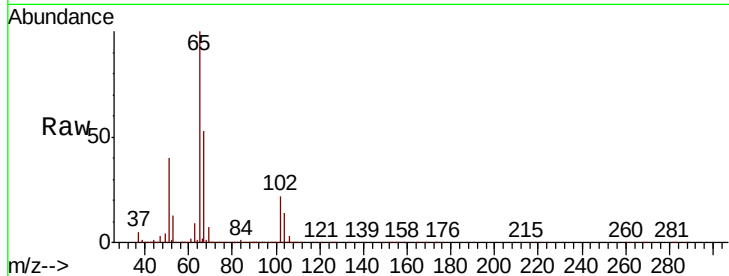
BP-VPB201-GW-240-242

Tot Ion: 65 Resp: 213185

Ion Ratio Lower Upper

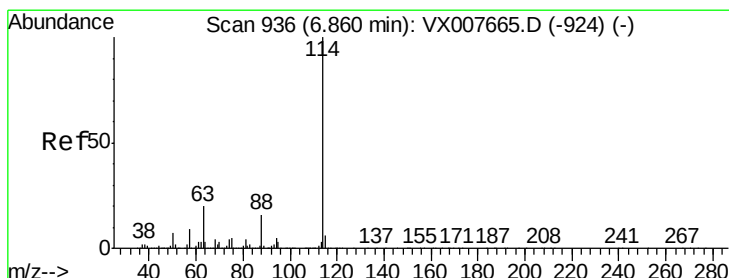
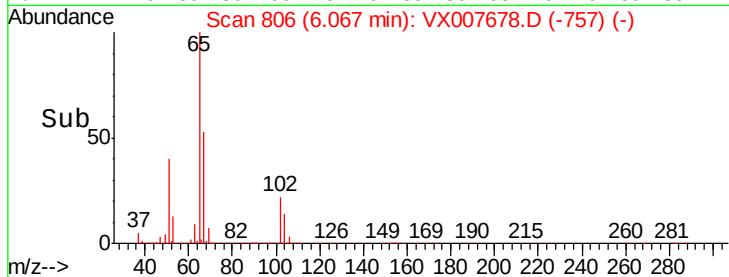
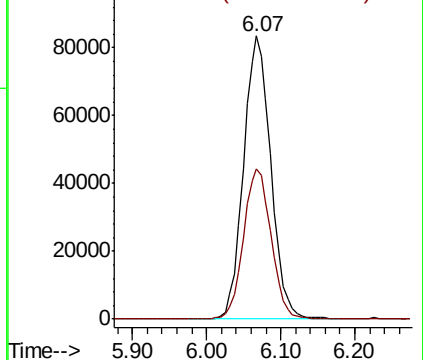
65 100

67 53.9 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: VX007678.D

Acq: 25 Feb 2019 17:13

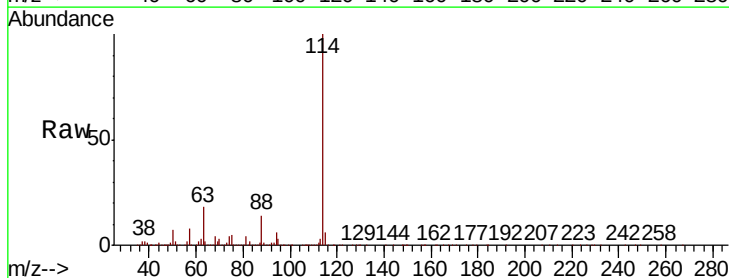
Tgt Ion: 114 Resp: 609533

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

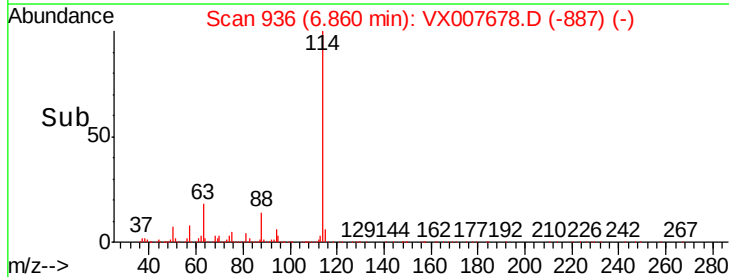
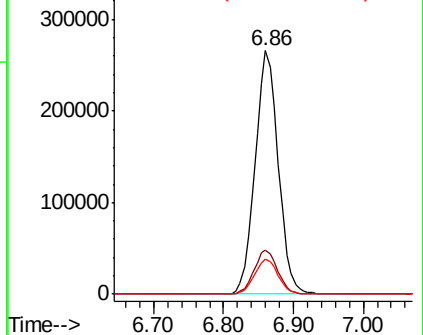
88 14.3 0.0 29.6

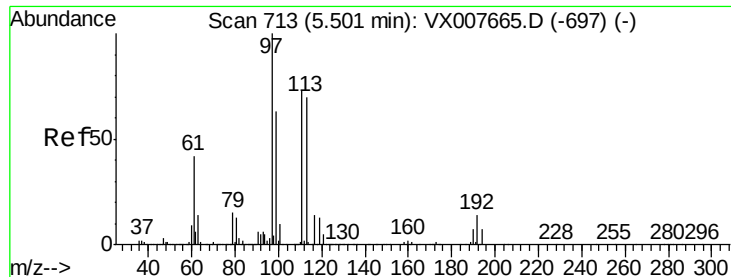


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.472 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007678.D

Acq: 25 Feb 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-240-242

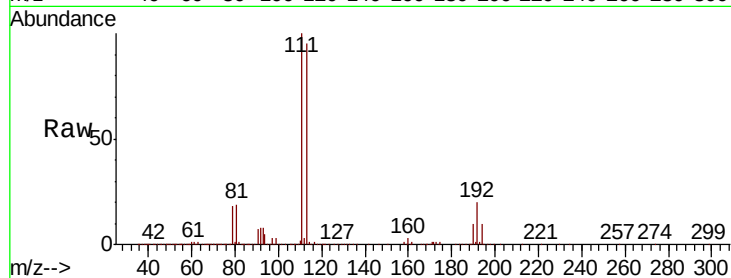
Tot Ion:113 Resp: 197501

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

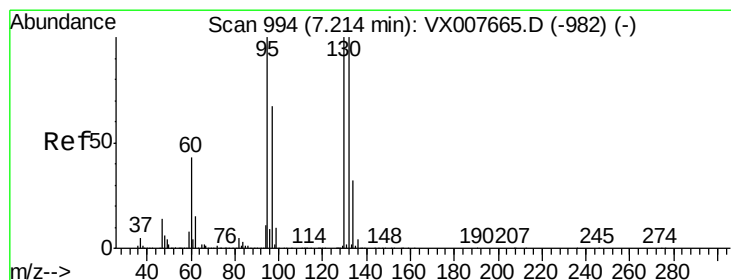
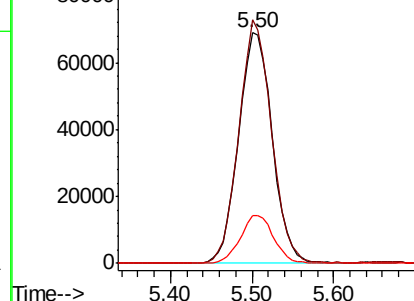
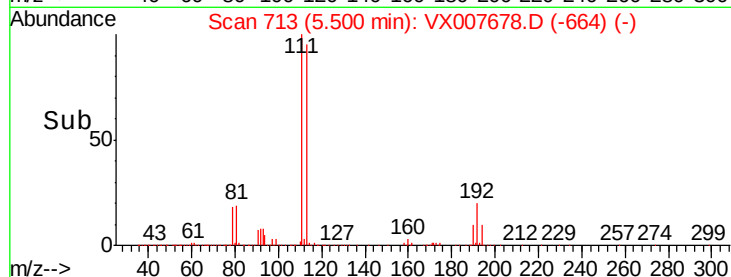
192 20.5 18.5 27.7



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: 76.274 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007678.D

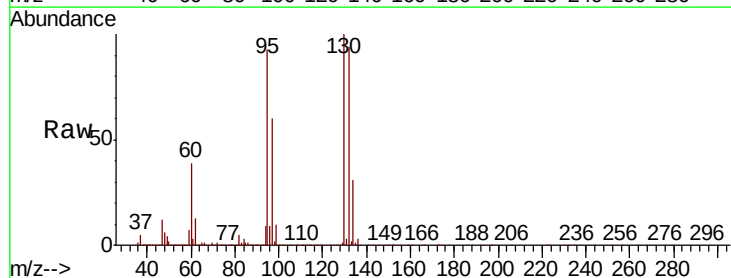
Acq: 25 Feb 2019 17:13

Tgt Ion:130 Resp: 354939

Ion Ratio Lower Upper

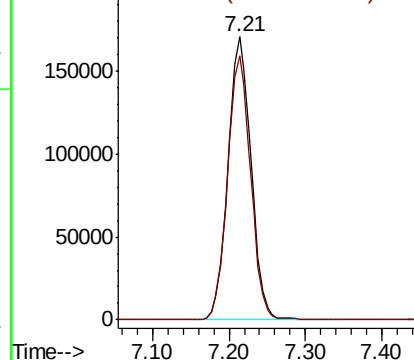
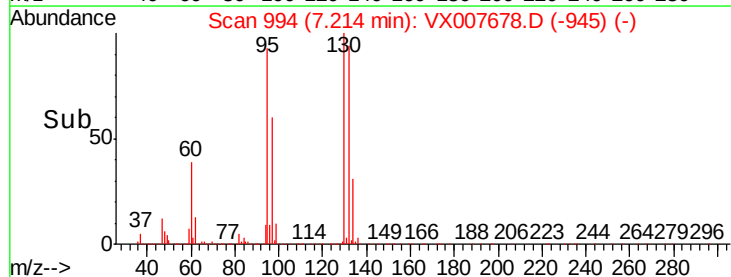
130 100

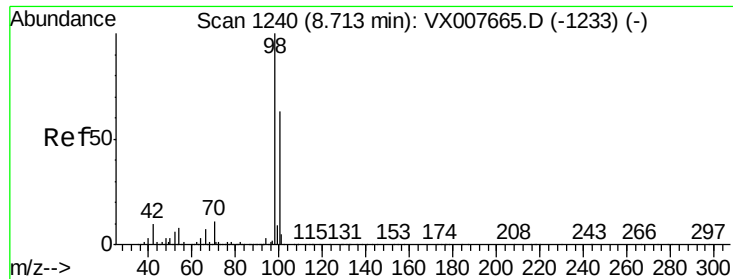
95 93.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

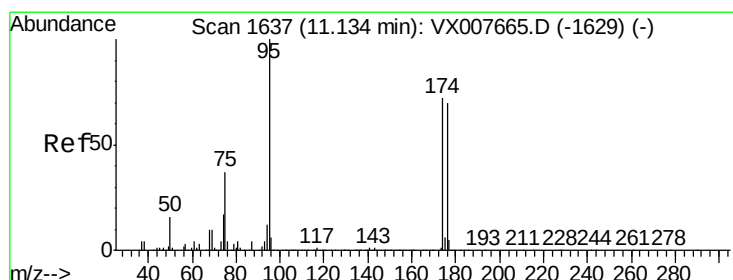
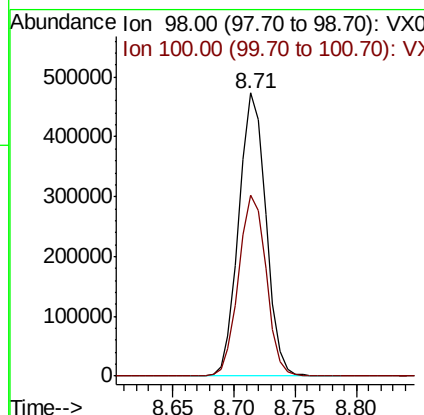
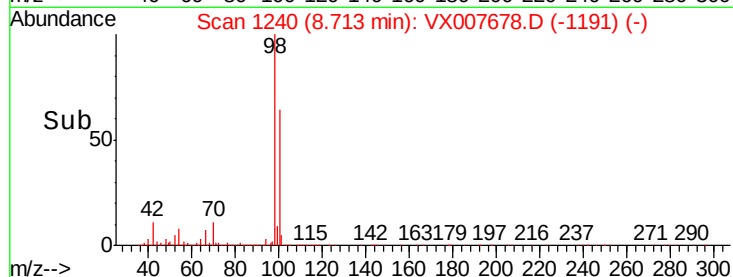
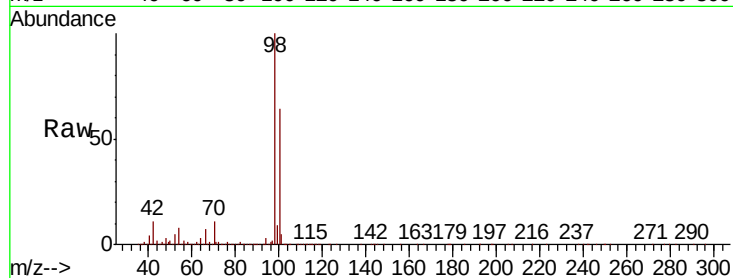




#50
Toluene-d8
Concen: 46.601 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007678.D
Acq: 25 Feb 2019 17:13

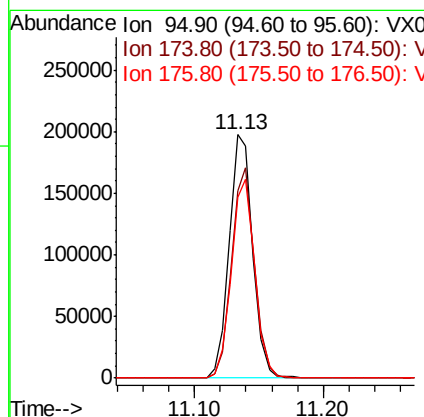
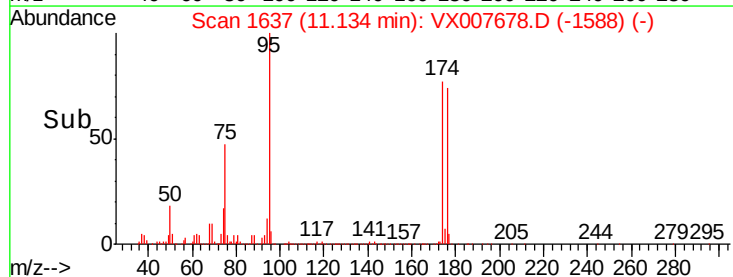
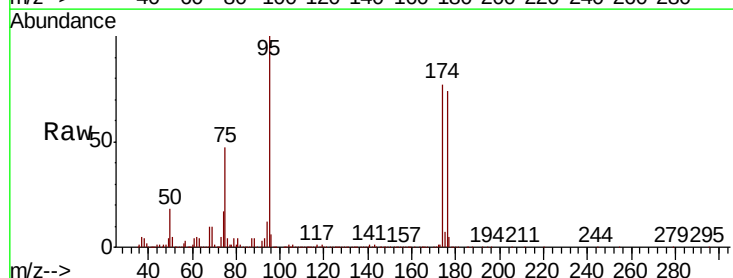
Instrument :
MSVOA_X
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BP-VPB201-GW-240-242

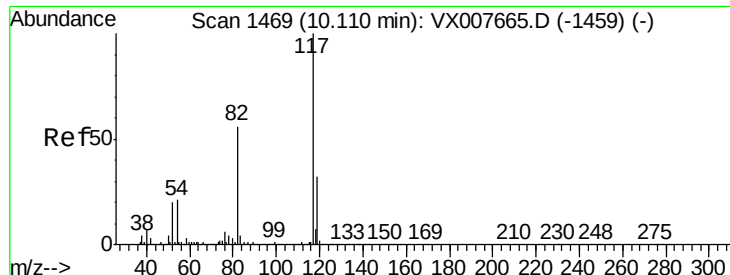
Tot Ion: 98 Resp: 726919
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.378 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007678.D
Acq: 25 Feb 2019 17:13

Tgt Ion: 95 Resp: 254081
Ion Ratio Lower Upper
95 100
174 84.2 0.0 189.2
176 81.1 0.0 186.2

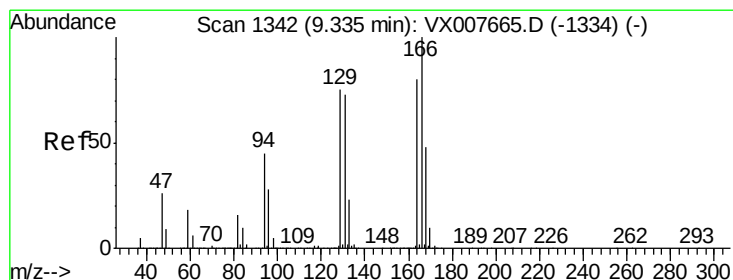
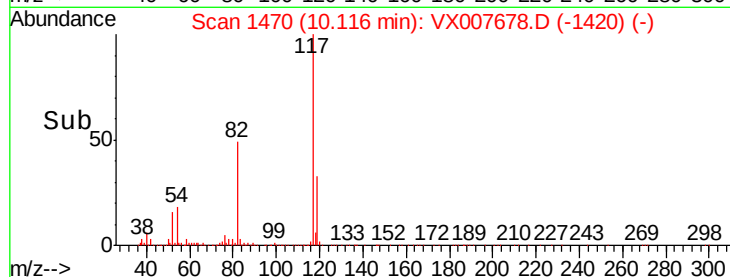
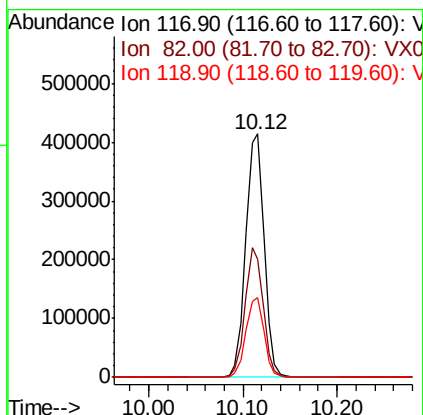
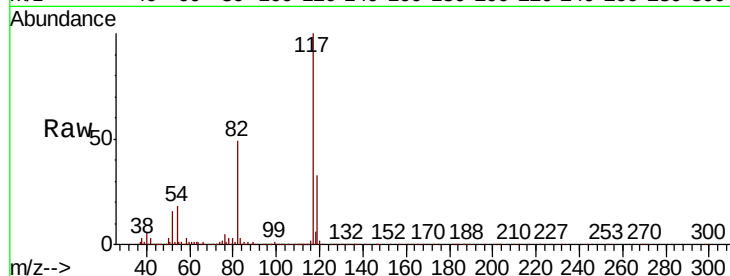




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007678.D
Acq: 25 Feb 2019 17:13

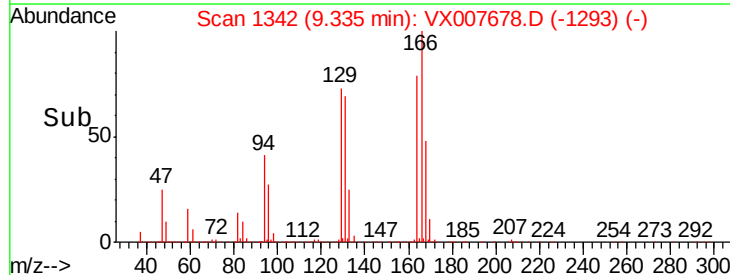
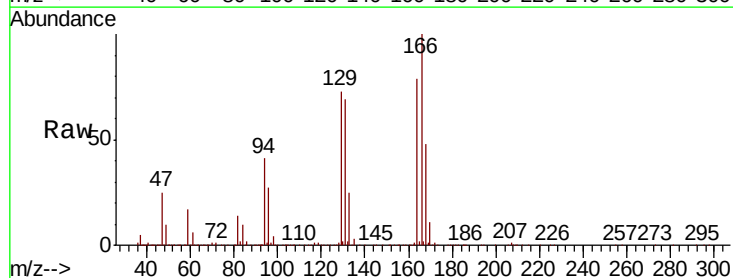
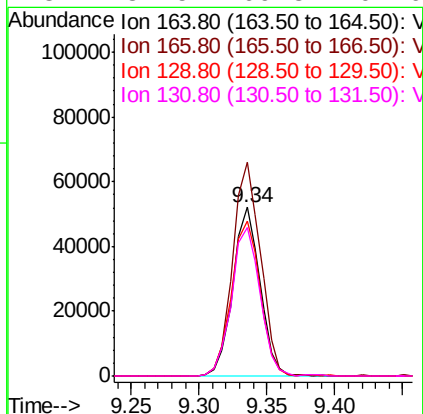
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-240-242

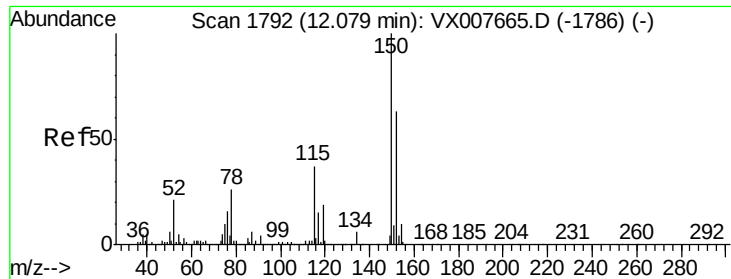
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.1	63.1
119	32.5	26.5	39.7



#64
Tetrachloroethene
Concen: 15.769 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007678.D
Acq: 25 Feb 2019 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.0	151.4
129	92.0	70.5	105.7
131	87.5	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: VX007678.D

Acq: 25 Feb 2019 17:13

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-240-242

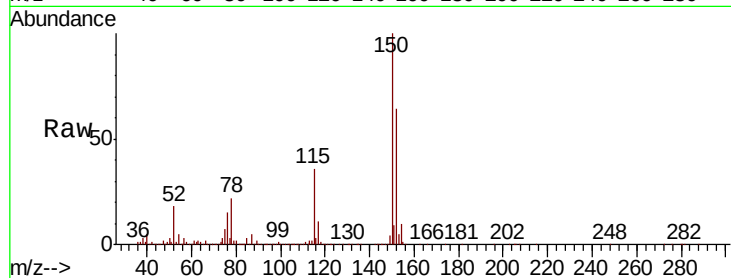
Tot Ion:152 Resp: 253090

Ion Ratio Lower Upper

152 100

115 58.1 38.0 114.0

150 158.4 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

