

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009436.D
 Acq On : 09 May 2019 18:31
 Operator : JC/SP
 Sample : K2786-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-198-200

Quant Time: May 10 13:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

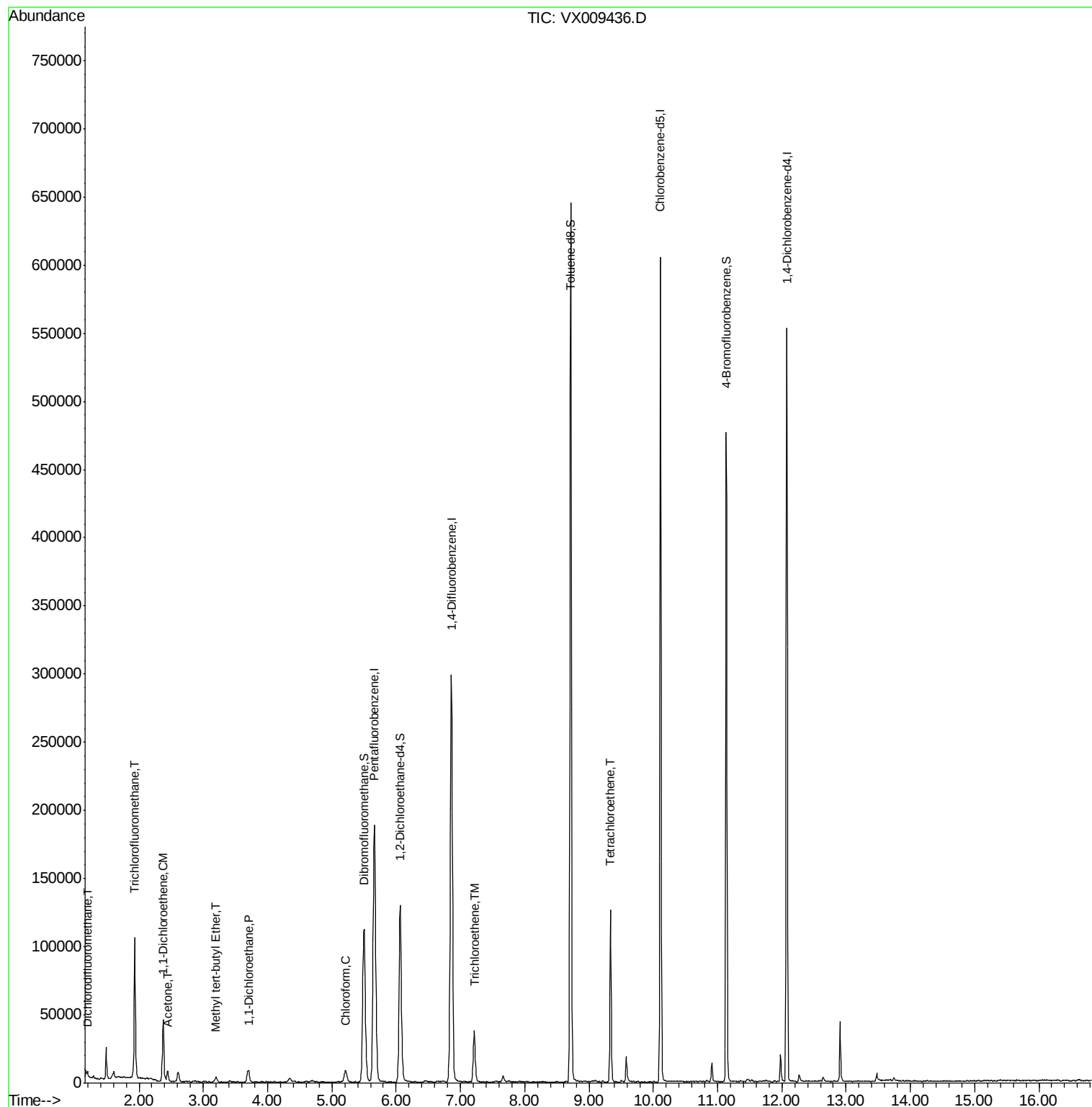
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122039	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	5.50	113	91476	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	372151	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	124376	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	2540	1.497	ug/l	89
7) Trichlorofluoromethane	1.93	101	68343	24.882	ug/l	98
12) 1,1-Dichloroethene	2.37	96	13912	8.050	ug/l	96
16) Acetone	2.44	43	7632	5.653	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	3524	0.525	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	9593	2.401	ug/l	97
30) Chloroform	5.21	83	9360	2.590	ug/l	97
44) Trichloroethene	7.21	130	14402	6.965	ug/l	95
64) Tetrachloroethene	9.34	164	24753	13.701	ug/l	98

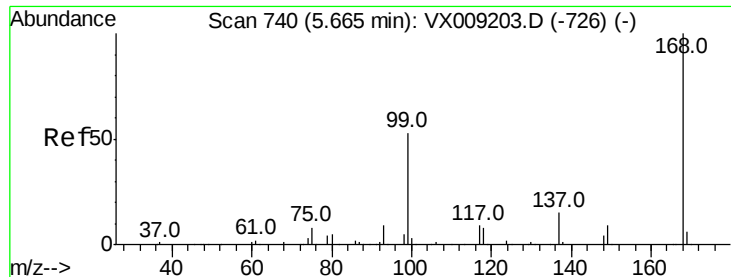
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
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Quant Time: May 10 13:26:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009436.D

Acq: 09 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

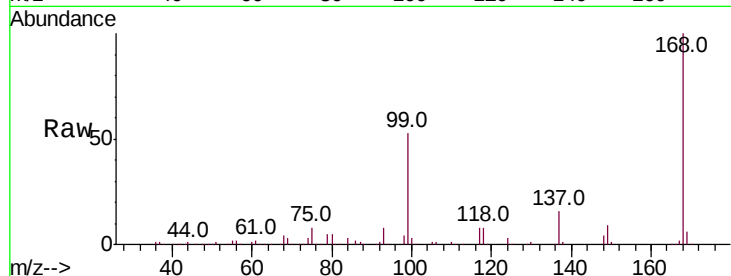
BP-VPB202-GW-198-200

Tot Ion:168 Resp: 184185

Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

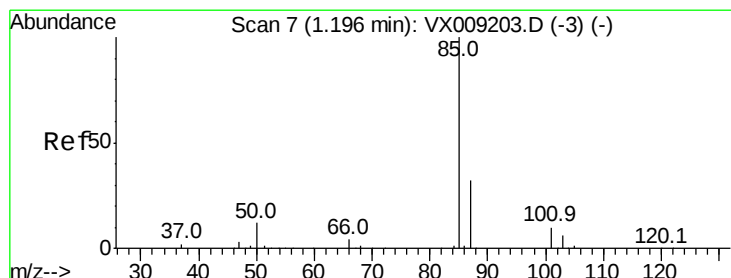
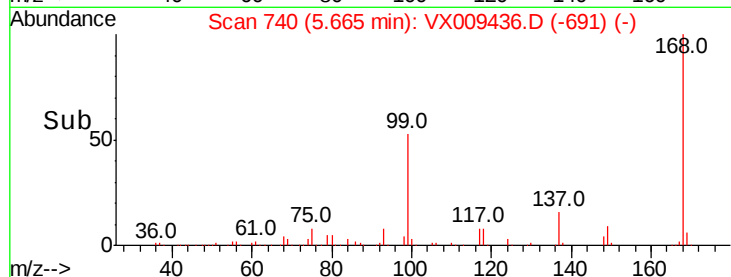
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 1.497 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009436.D

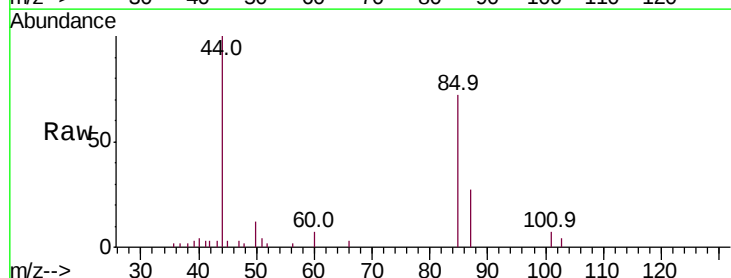
Acq: 09 May 2019 18:31

Tgt Ion: 85 Resp: 2540

Ion Ratio Lower Upper

85 100

87 38.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2500

2000

1500

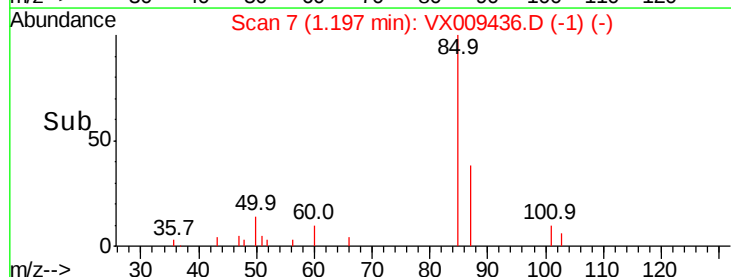
1000

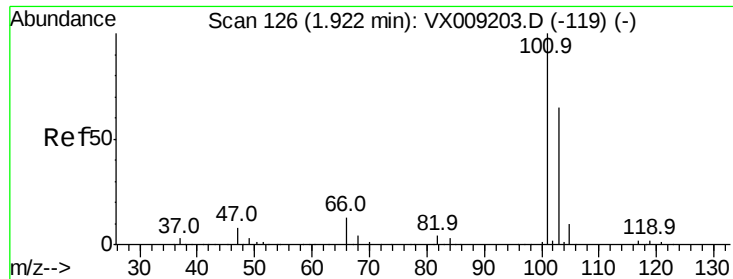
500

0

Time-->

1.15 1.20 1.25



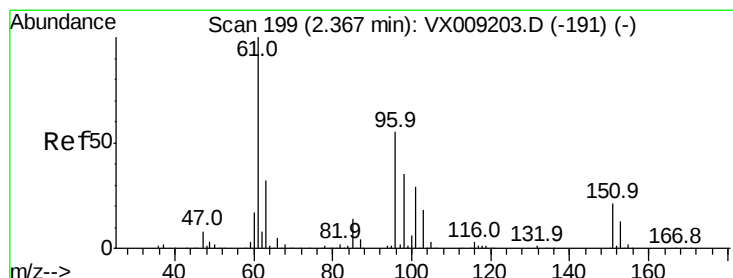
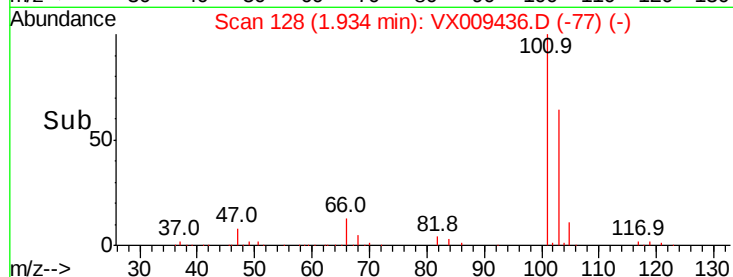
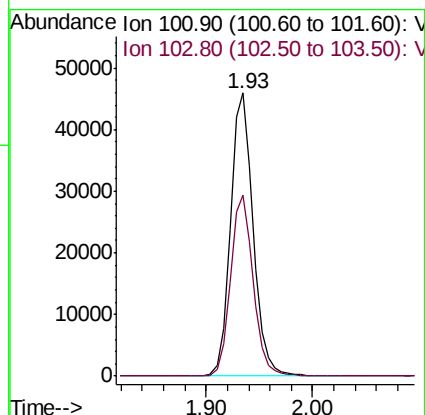
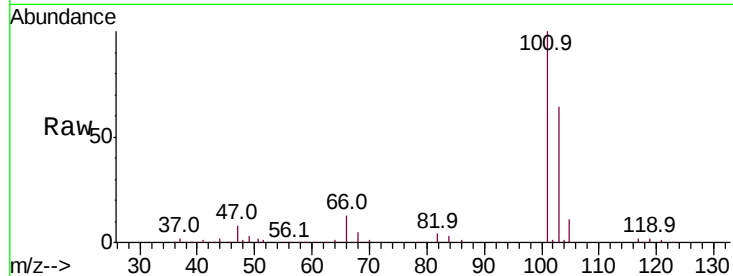


#7

Trichlorofluoromethane
 Concen: 24.882 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX009436.D
 Acq: 09 May 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-198-200

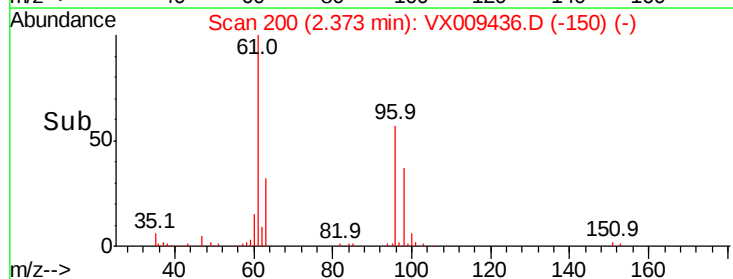
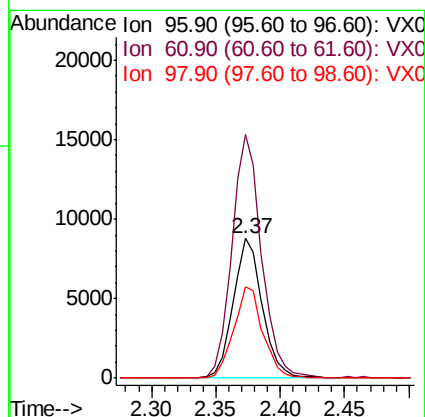
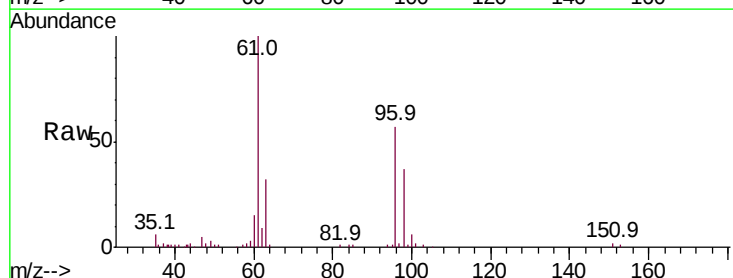
Tot Ion:101 Resp: 68343
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.4 78.6

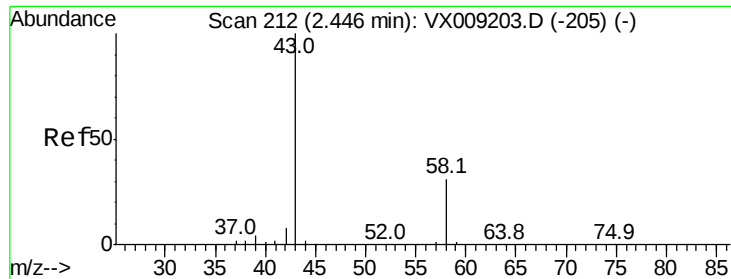


#12

1,1-Dichloroethene
 Concen: 8.050 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009436.D
 Acq: 09 May 2019 18:31

Tgt Ion: 96 Resp: 13912
 Ion Ratio Lower Upper
 96 100
 61 174.1 144.3 216.5
 98 64.9 50.3 75.5





#16

Acetone

Concen: 5.653 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

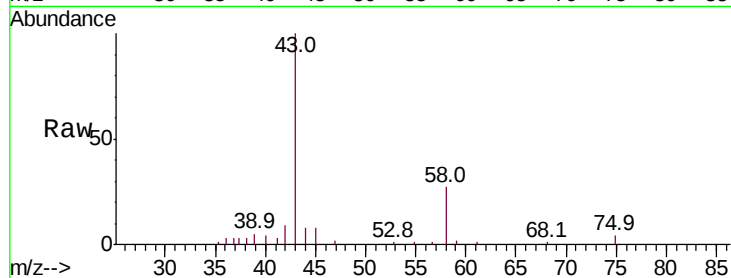
BP-VPB202-GW-198-200

Tot Ion: 43 Resp: 7632

Ion Ratio Lower Upper

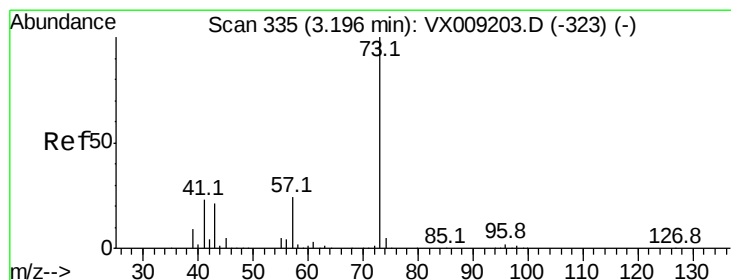
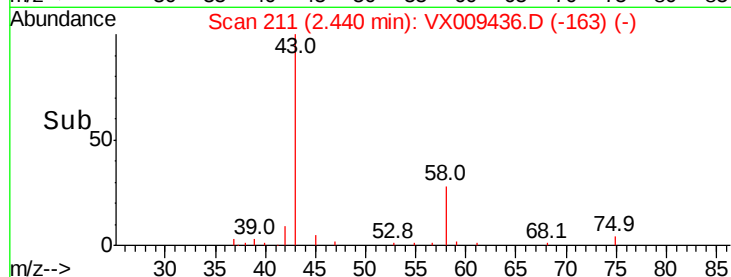
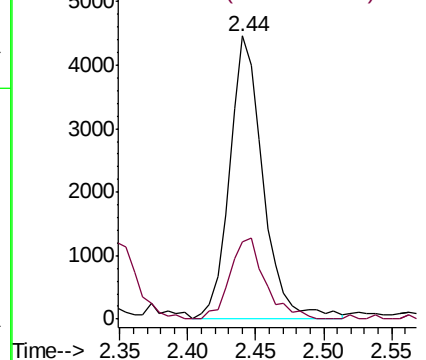
43 100

58 27.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.525 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX009436.D

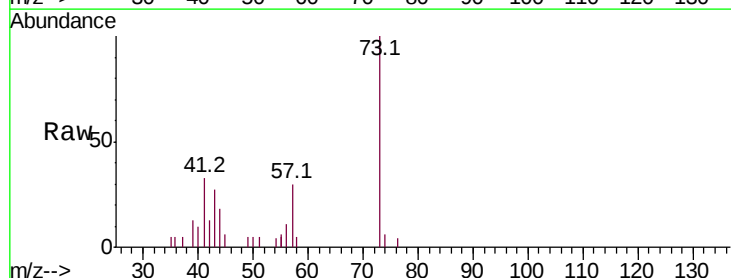
Acq: 09 May 2019 18:31

Tgt Ion: 73 Resp: 3524

Ion Ratio Lower Upper

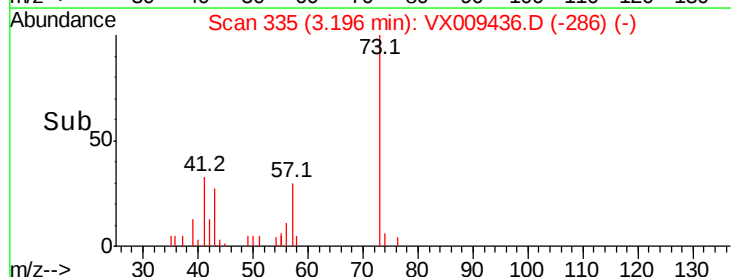
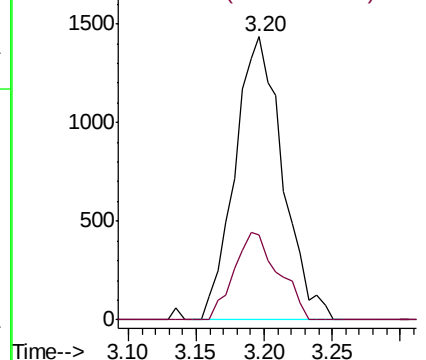
73 100

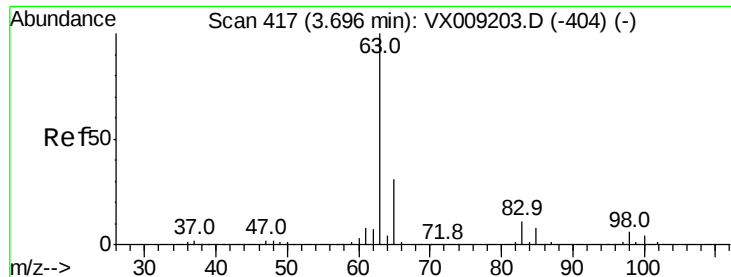
57 30.1 19.3 28.9#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#24

1,1-Dichloroethane

Concen: 2.401 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-198-200

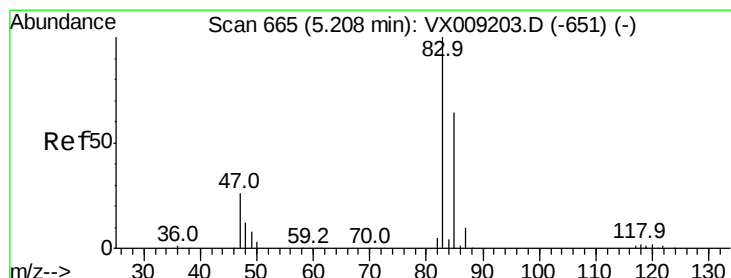
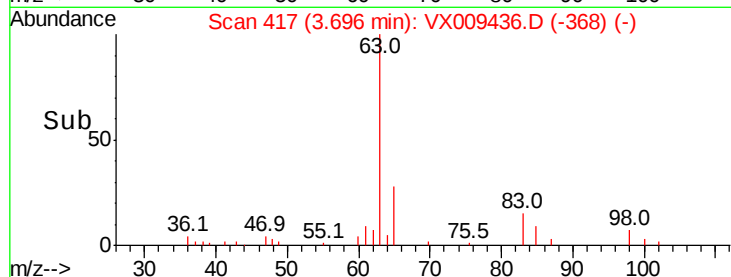
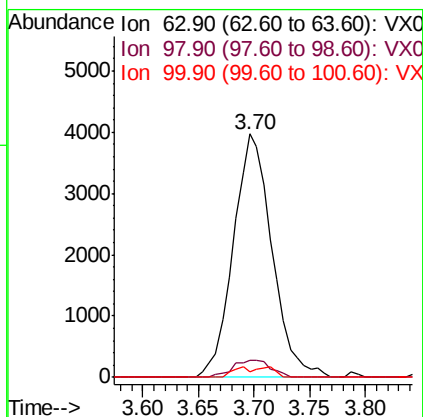
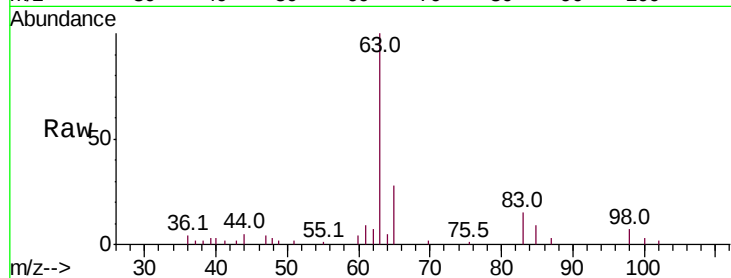
Tot Ion: 63 Resp: 9593

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 2.5 2.0 6.0



#30

Chloroform

Concen: 2.590 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009436.D

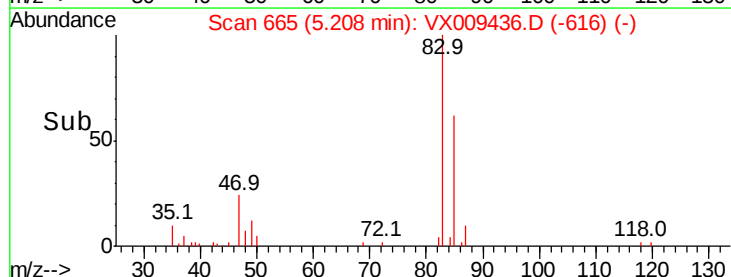
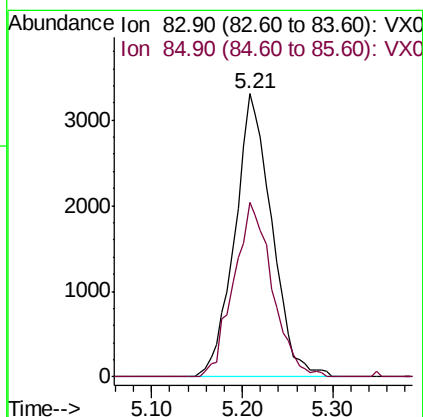
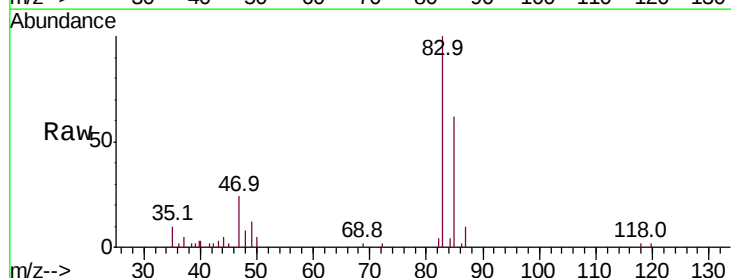
Acq: 09 May 2019 18:31

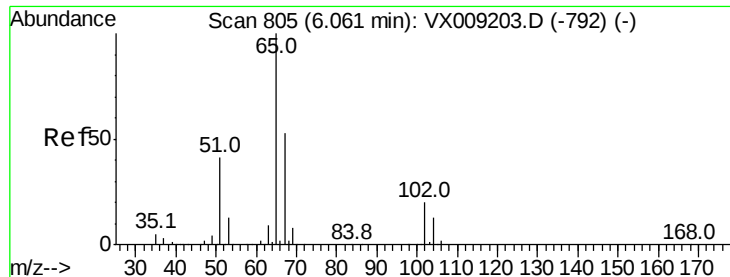
Tgt Ion: 83 Resp: 9360

Ion Ratio Lower Upper

83 100

85 61.8 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

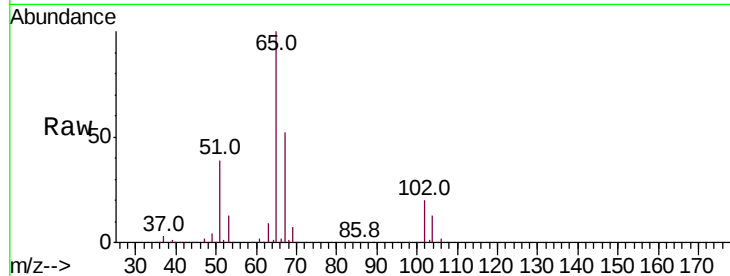
BP-VPB202-GW-198-200

Tot Ion: 65 Resp: 122039

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

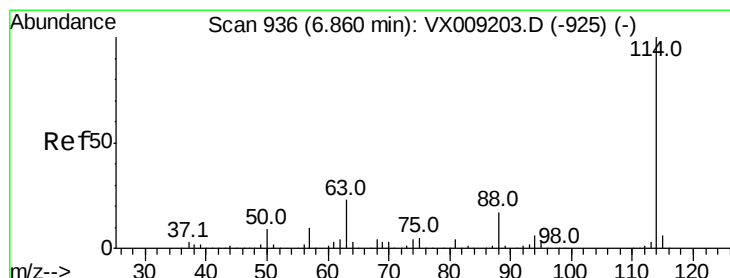
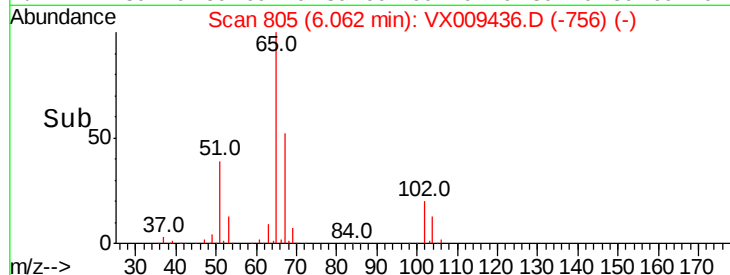
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

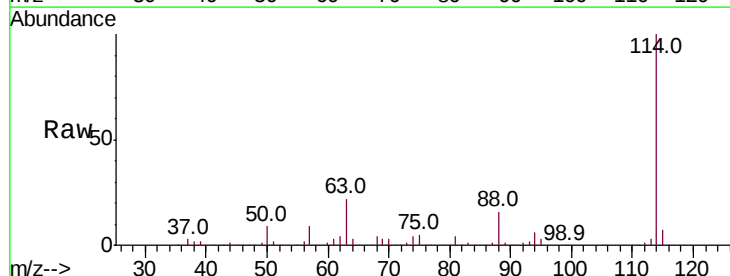
Tgt Ion:114 Resp: 297386

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 16.3 0.0 33.2



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

6.86

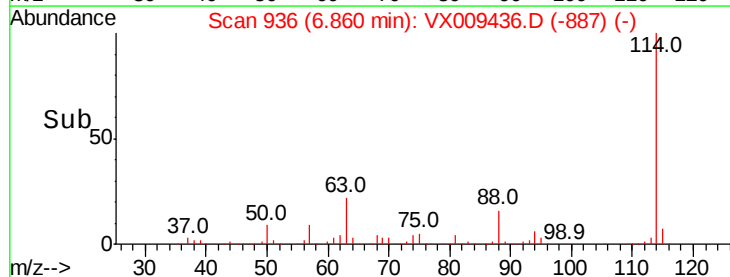
150000

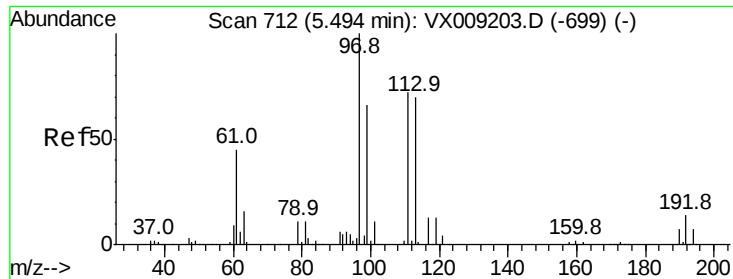
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.931 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-198-200

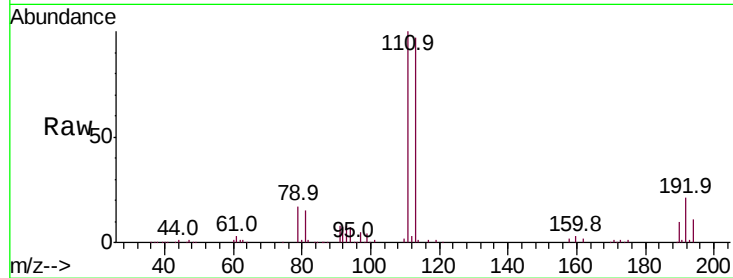
Tot Ion:113 Resp: 91476

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

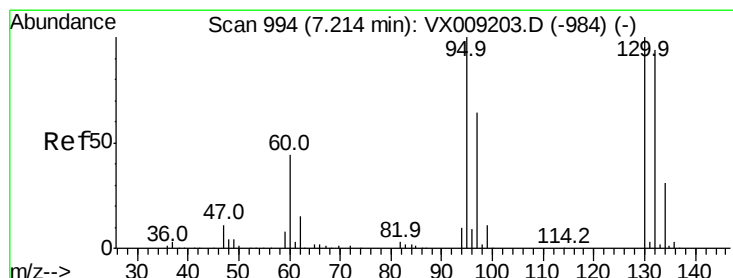
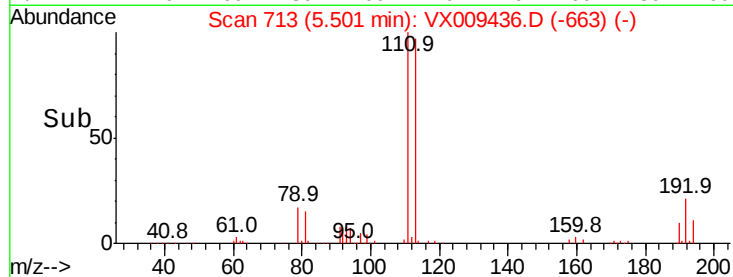
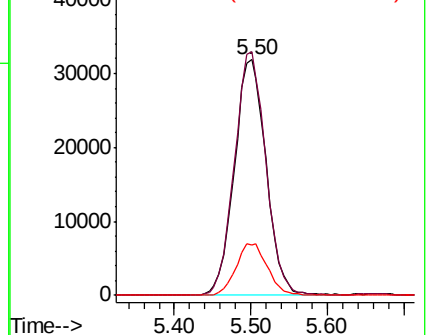
192 21.7 17.0 25.6



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: 6.965 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009436.D

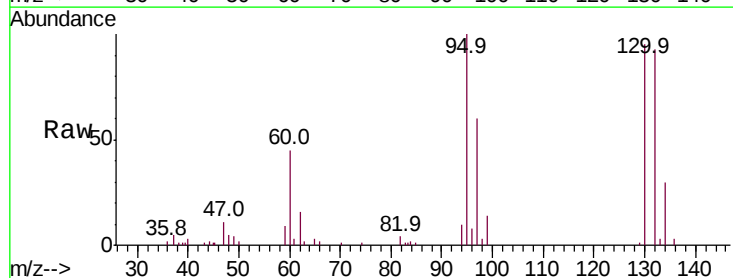
Acq: 09 May 2019 18:31

Tgt Ion:130 Resp: 14402

Ion Ratio Lower Upper

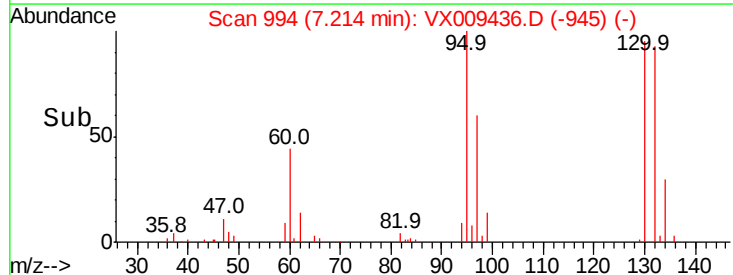
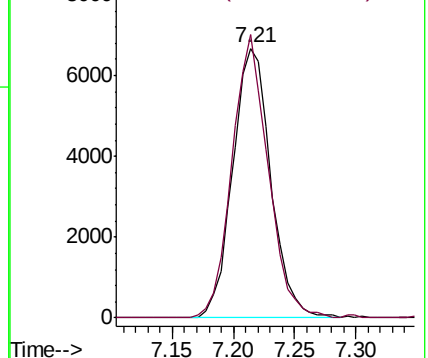
130 100

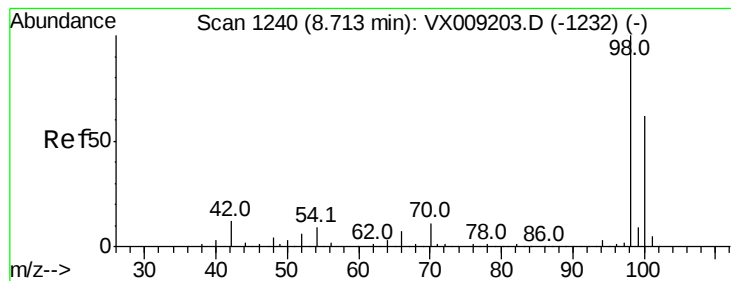
95 105.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.307 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

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ClientSampleId :

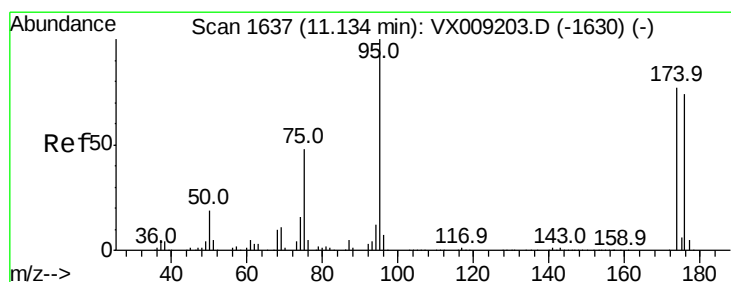
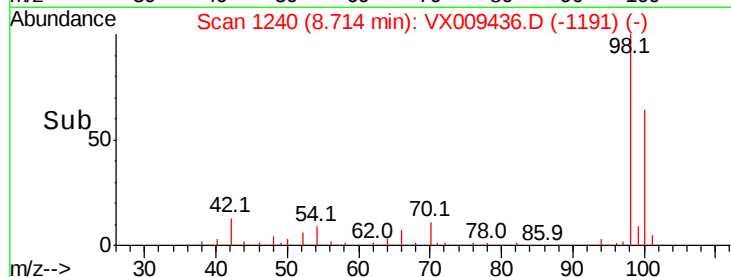
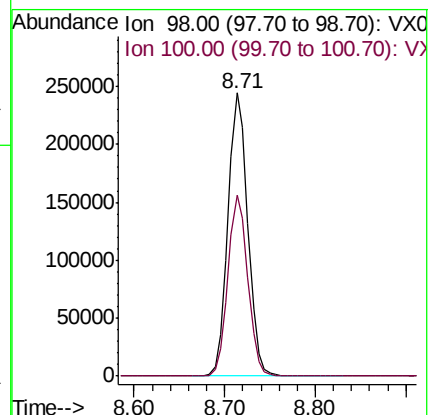
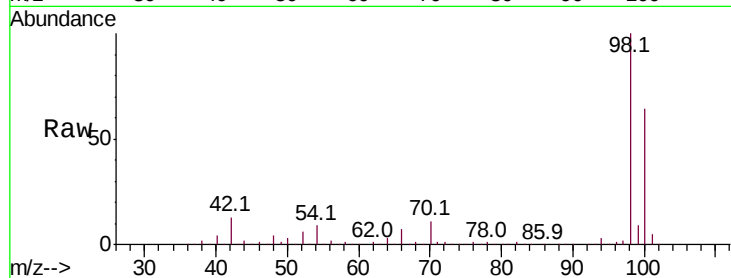
BP-VPB202-GW-198-200

Tot Ion: 98 Resp: 372151

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.351 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009436.D

Acq: 09 May 2019 18:31

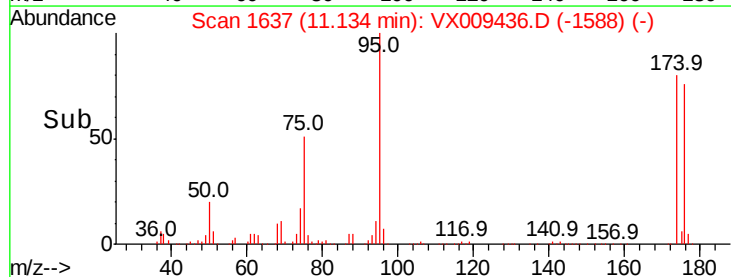
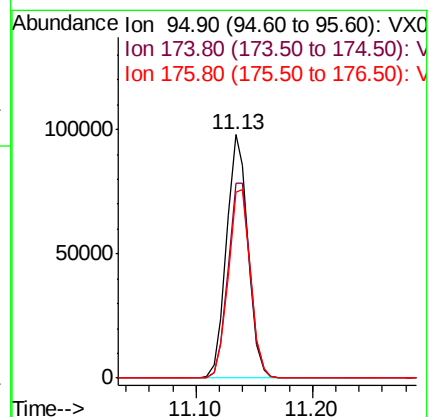
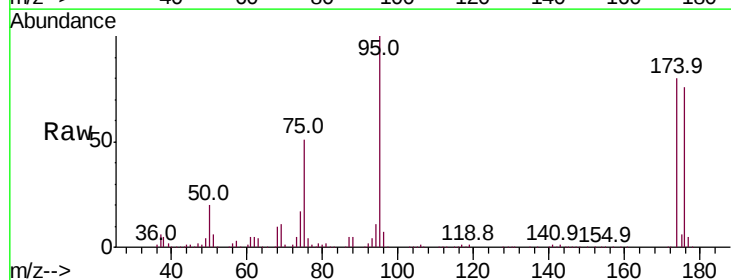
Tgt Ion: 95 Resp: 124376

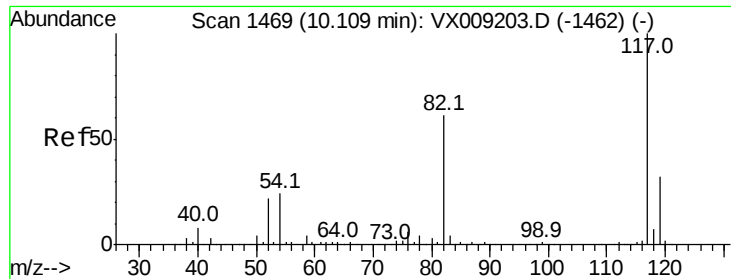
Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.6

176 80.4 0.0 159.2

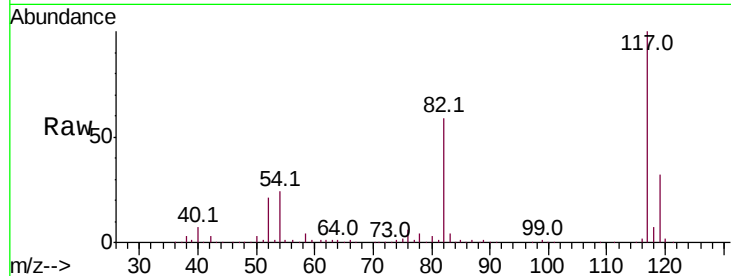




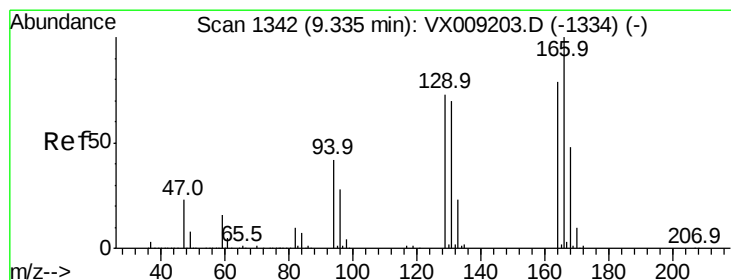
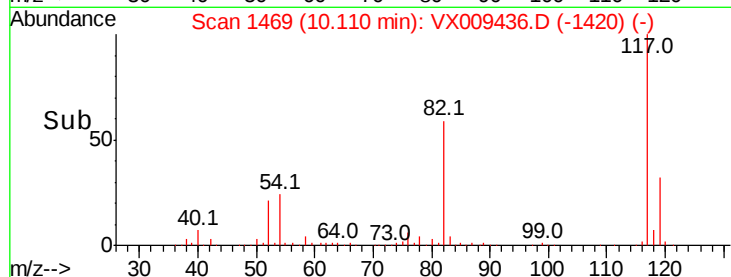
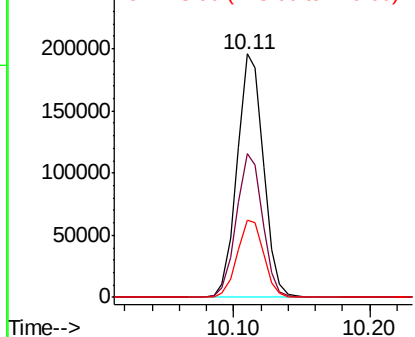
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009436.D
Acq: 09 May 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-198-200

Tot Ion:117 Resp: 263373
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 31.7 25.8 38.6

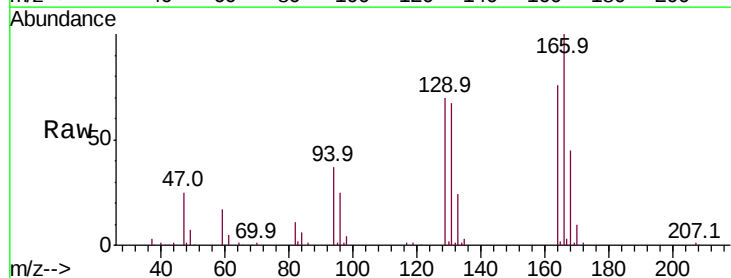


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

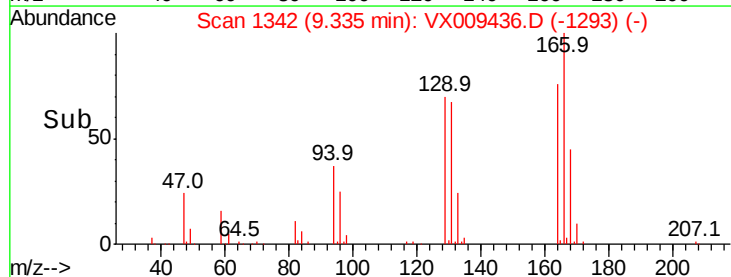
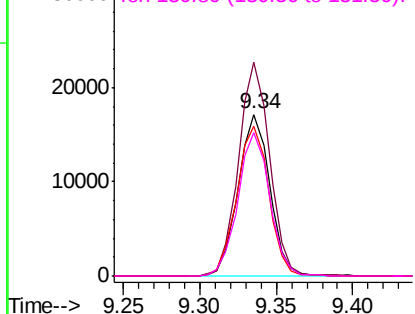


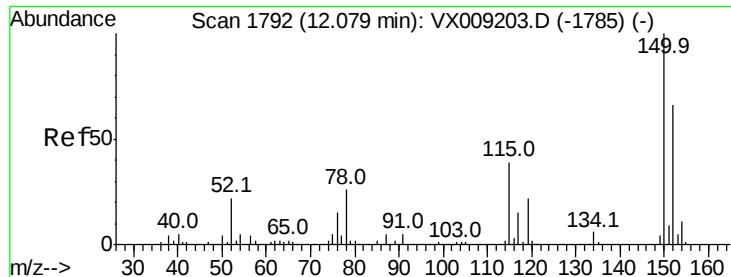
#64
Tetrachloroethene
Concen: 13.701 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009436.D
Acq: 09 May 2019 18:31

Tgt Ion:164 Resp: 24753
Ion Ratio Lower Upper
164 100
166 132.3 101.2 151.8
129 92.6 74.3 111.5
131 88.7 71.0 106.6



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

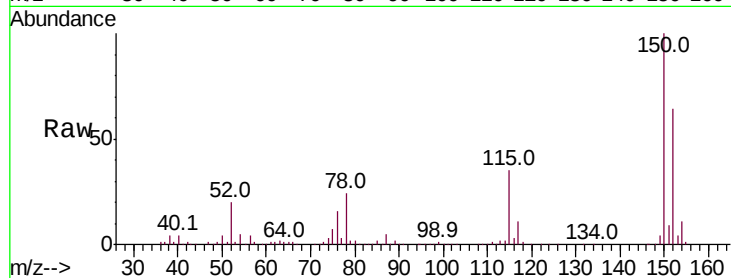




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009436.D
 Acq: 09 May 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-198-200

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.2	123.6
150	156.3	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

