

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019338.D
 Acq On : 06 Nov 2020 13:51
 Operator : JC/MD
 Sample : L4662-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-238-240

Quant Time: Nov 07 01:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

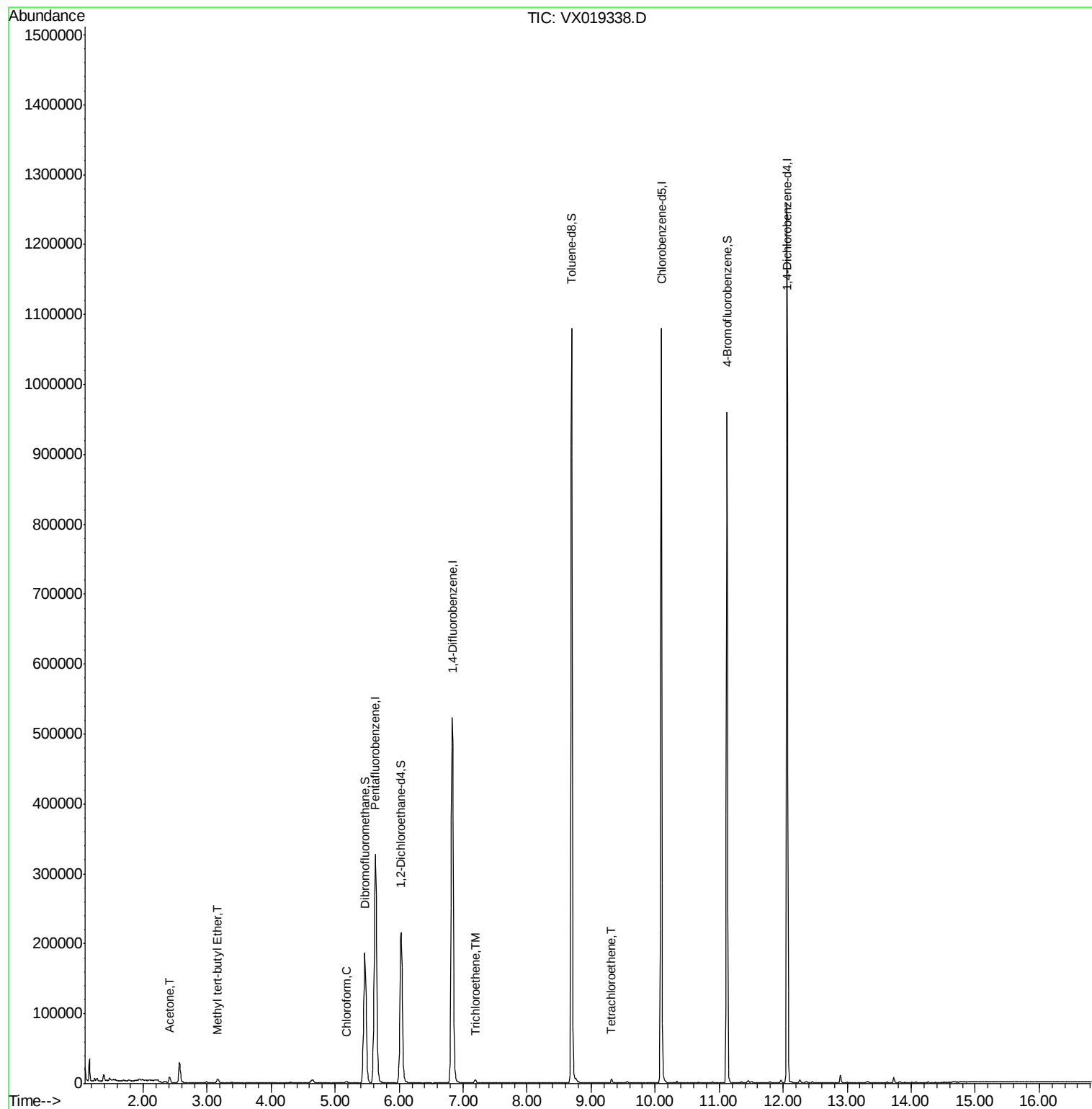
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	303682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	531681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	499035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	209643	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	5.46	113	163667	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	8.70	98	644428	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	251896	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
Target Compounds						
16) Acetone	2.41	43	8621	6.381	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	7022	0.689	ug/l #	88
30) Chloroform	5.18	83	3031	0.513	ug/l	99
44) Trichloroethene	7.20	130	1940	0.487	ug/l	81
64) Tetrachloroethene	9.32	164	1091	0.287	ug/l #	87

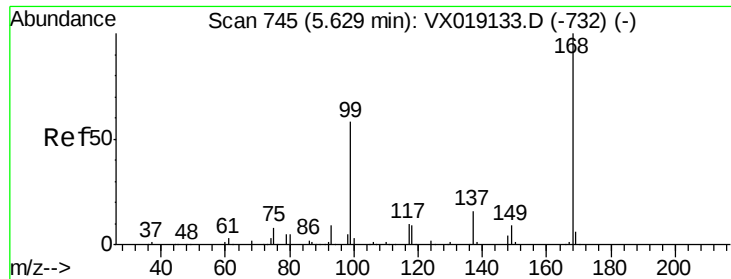
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019338.D

Acq: 06 Nov 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

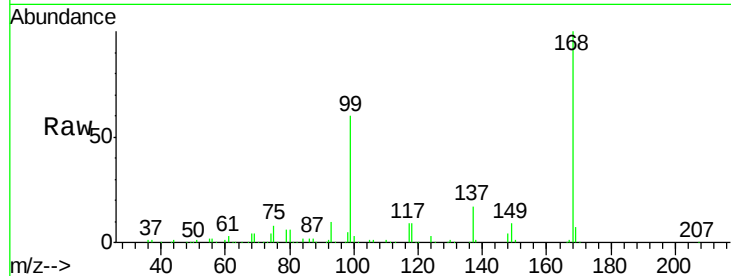
BP-VPB178-GW-238-240

Tot Ion:168 Resp: 303682

Ion Ratio Lower Upper

168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

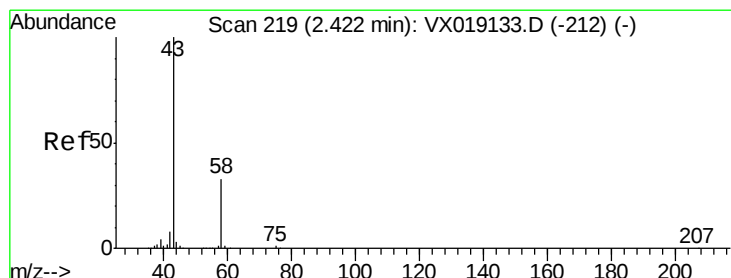
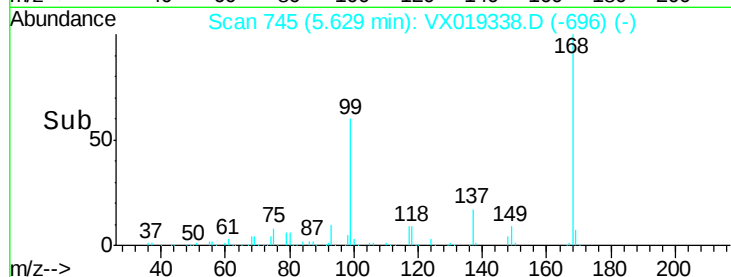
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.381 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX019338.D

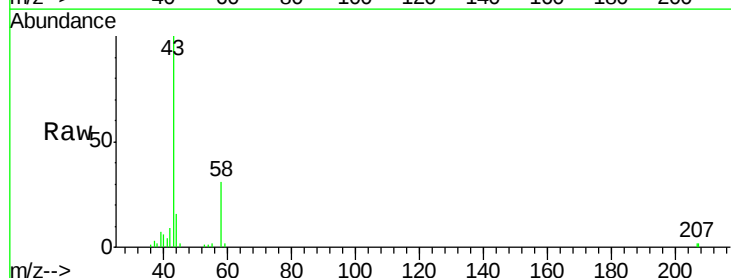
Acq: 06 Nov 2020 13:51

Tgt Ion: 43 Resp: 8621

Ion Ratio Lower Upper

43 100

58 31.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.41

5000

4000

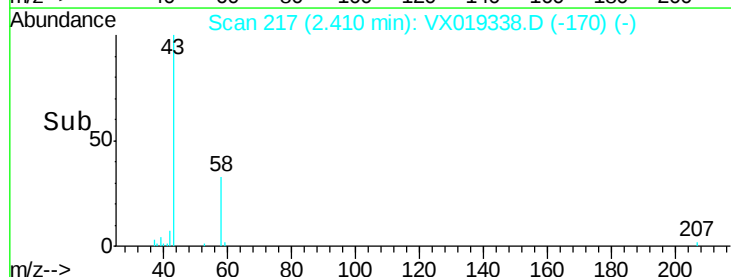
3000

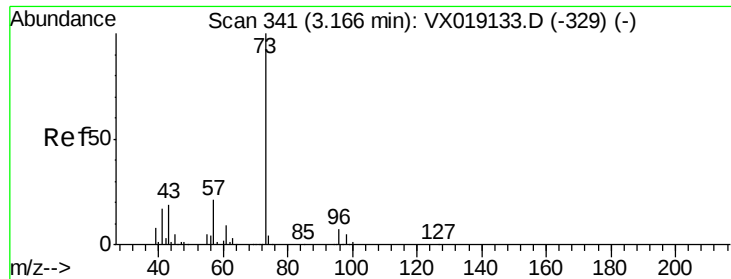
2000

1000

0

Time-->

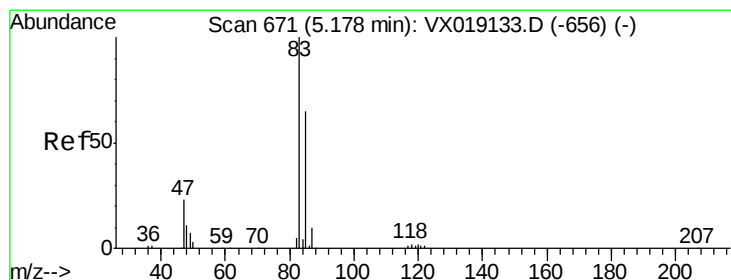
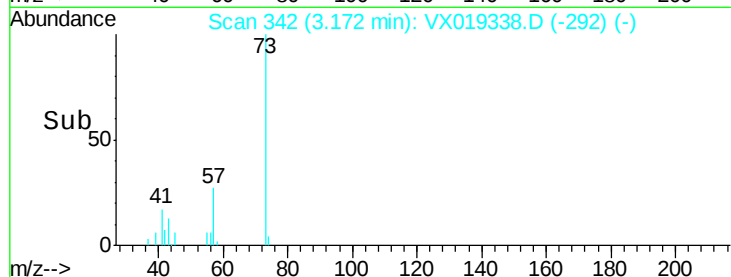
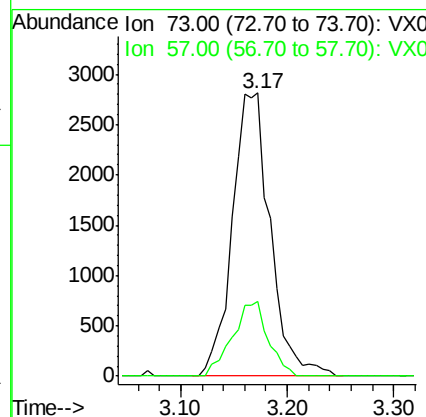
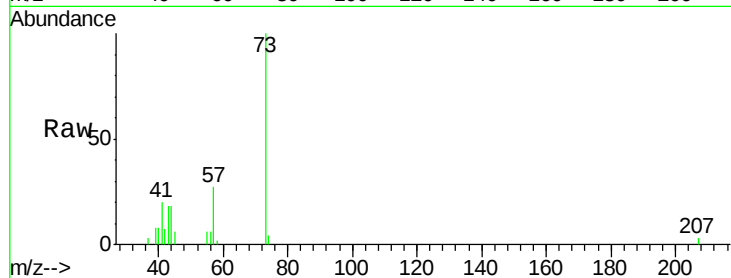




#19
Methvl tert-butvl Ether
Concen: 0.689 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019338.D
Acq: 06 Nov 2020 13:51

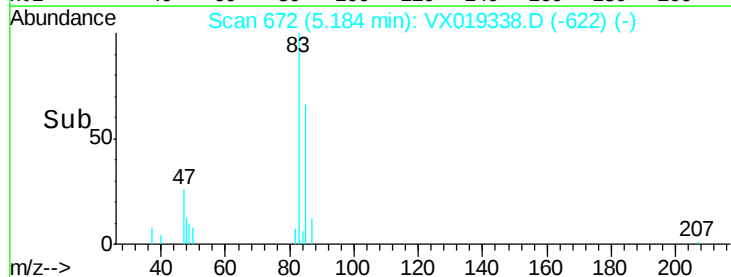
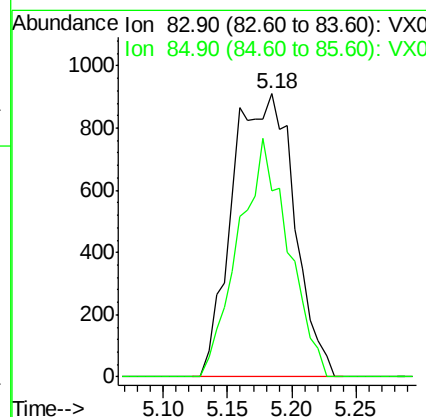
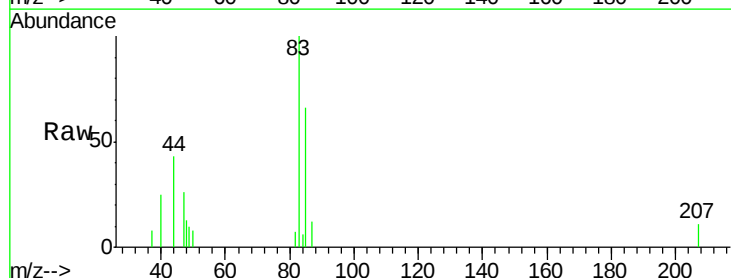
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-238-240

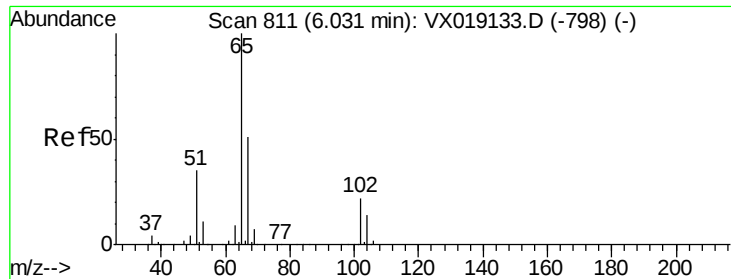
Tot Ion: 73 Resp: 7022
Ion Ratio Lower Upper
73 100
57 26.5 16.6 25.0#



#30
Chloroform
Concen: 0.513 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX019338.D
Acq: 06 Nov 2020 13:51

Tgt Ion: 83 Resp: 3031
Ion Ratio Lower Upper
83 100
85 65.8 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 53.530 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019338.D

Acq: 06 Nov 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

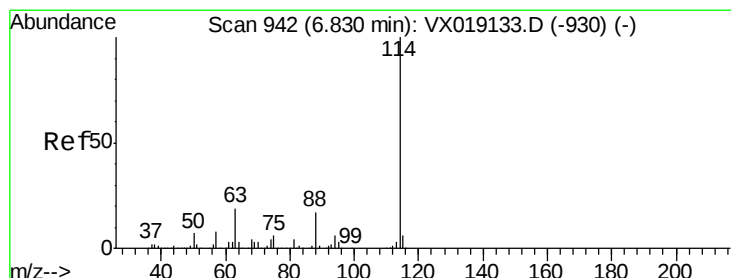
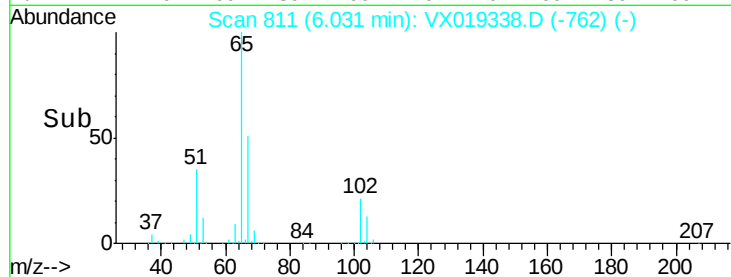
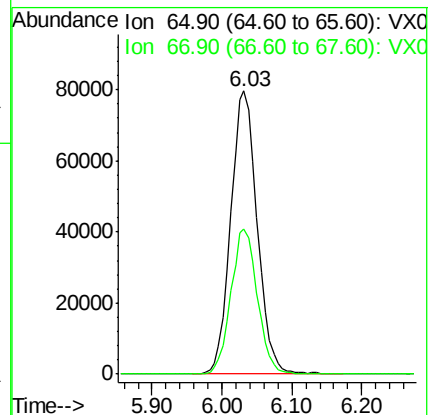
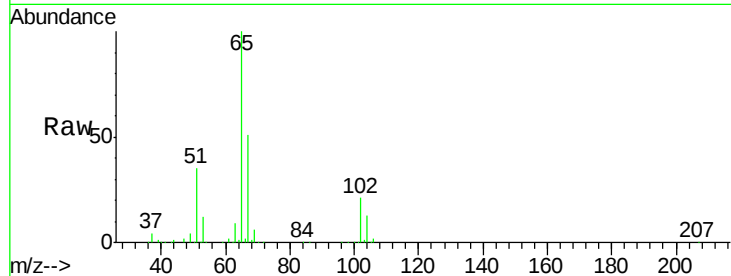
BP-VPB178-GW-238-240

Tot Ion: 65 Resp: 209643

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019338.D

Acq: 06 Nov 2020 13:51

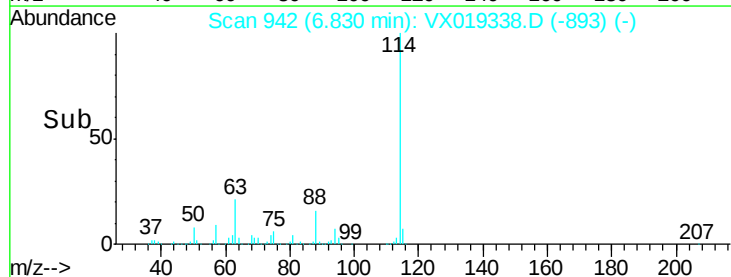
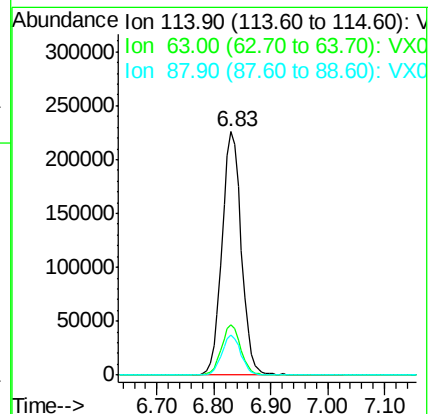
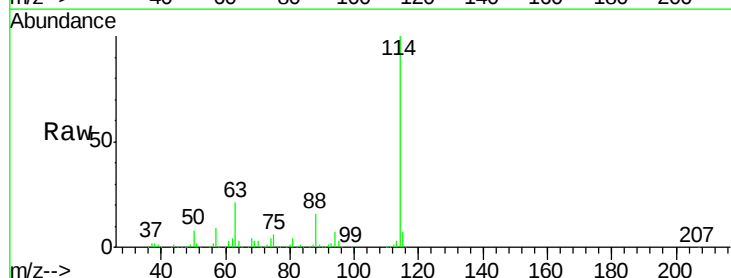
Tgt Ion: 114 Resp: 531681

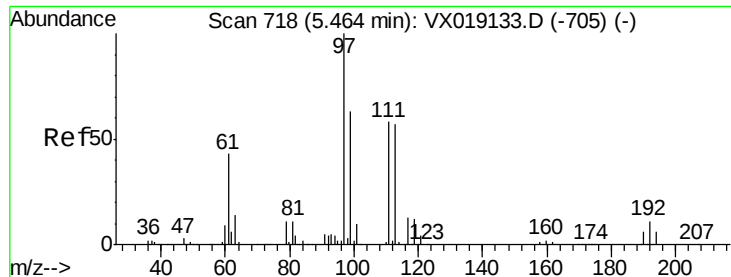
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

88 16.3 0.0 34.2

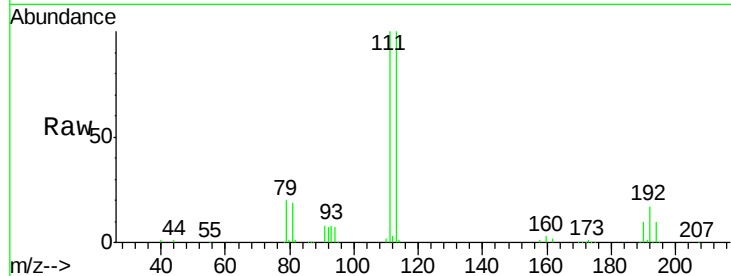




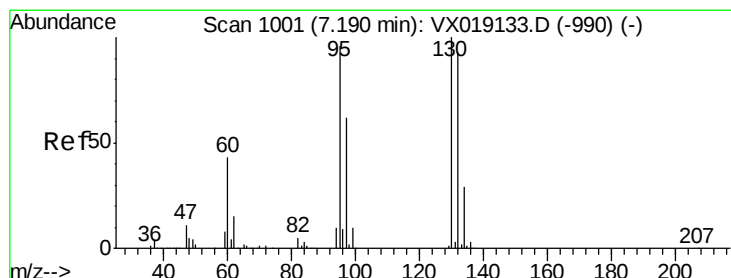
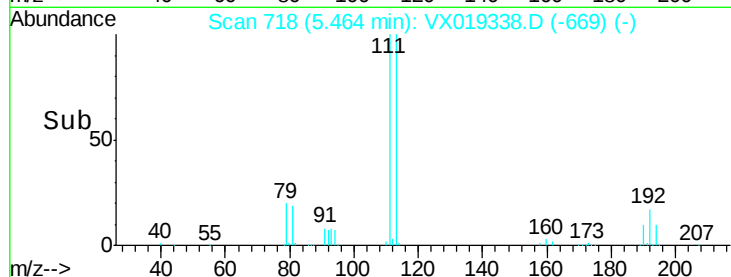
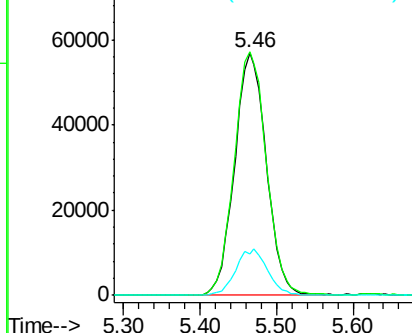
#35
 Dibromofluoromethane
 Concen: 49.007 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019338.D
 Acq: 06 Nov 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-238-240

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	19.0	16.2	24.2

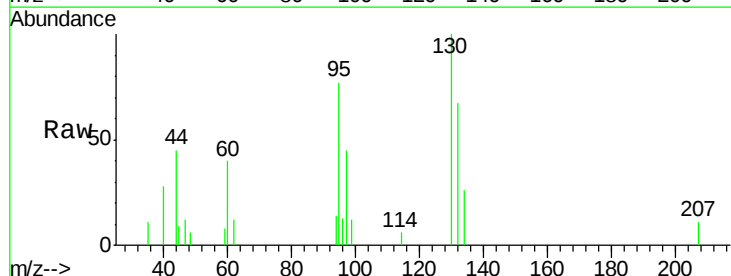


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

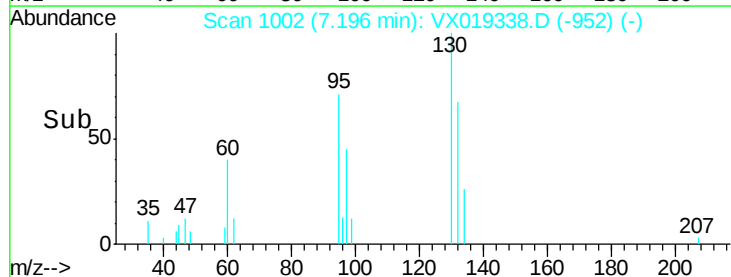
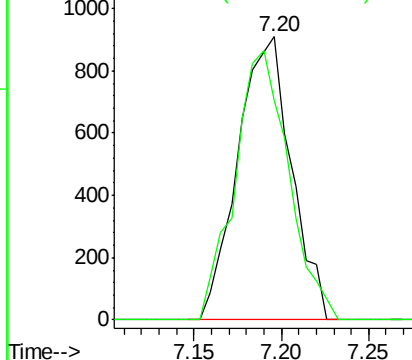


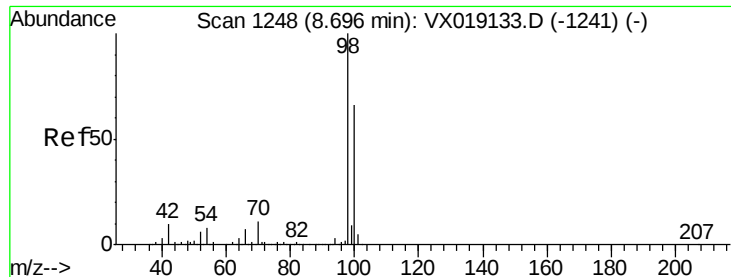
#44
 Trichloroethene
 Concen: 0.487 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX019338.D
 Acq: 06 Nov 2020 13:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	77.4	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.188 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019338.D

Acq: 06 Nov 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

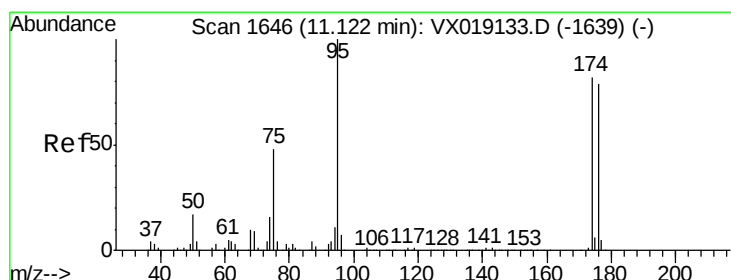
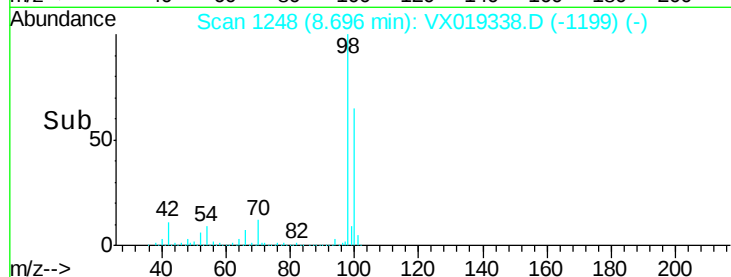
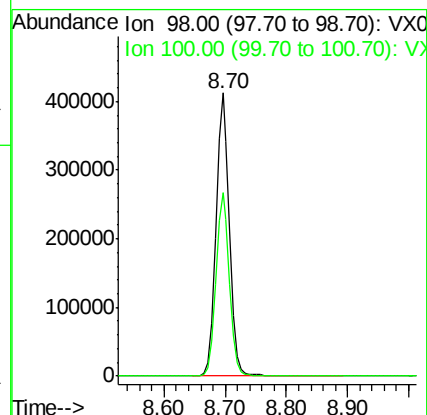
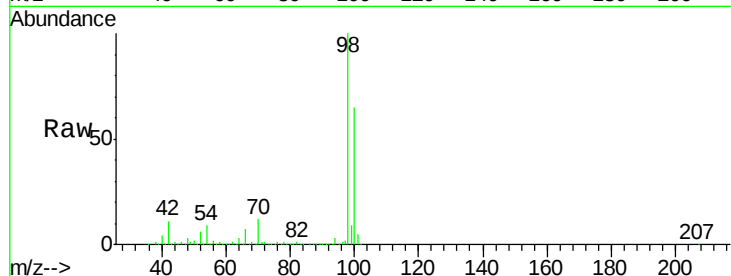
BP-VPB178-GW-238-240

Tot Ion: 98 Resp: 644428

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 52.834 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019338.D

Acq: 06 Nov 2020 13:51

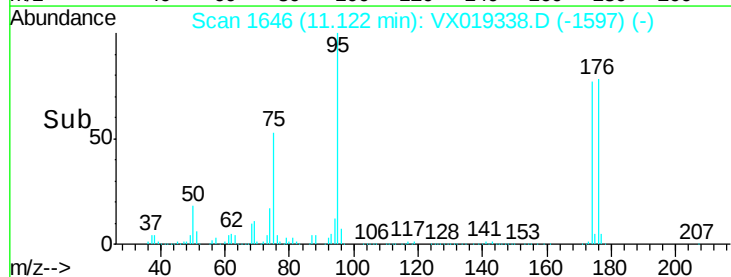
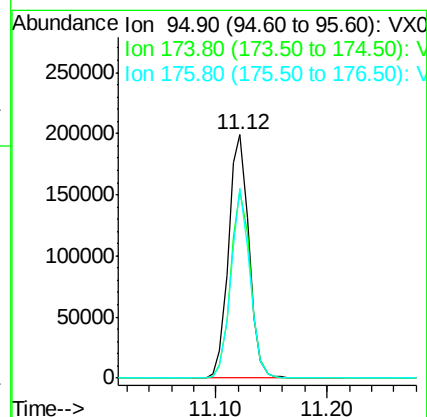
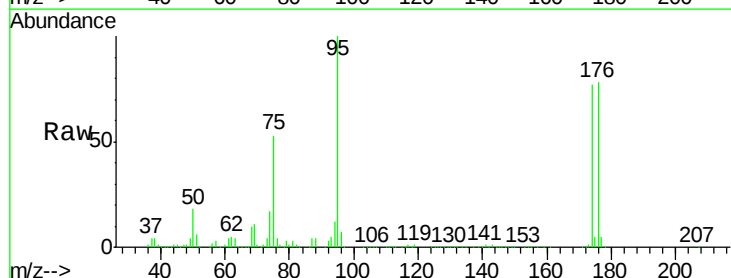
Tgt Ion: 95 Resp: 251896

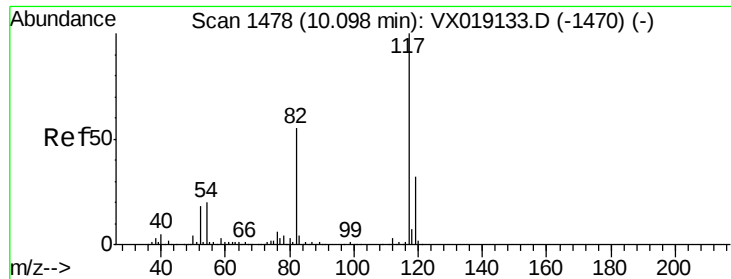
Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.0

176 72.7 0.0 149.8

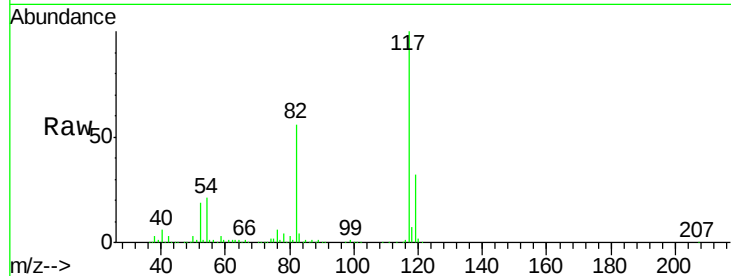




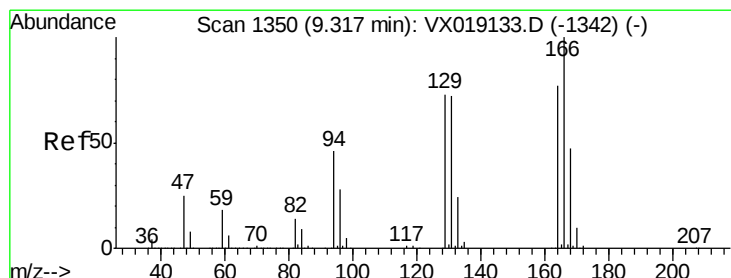
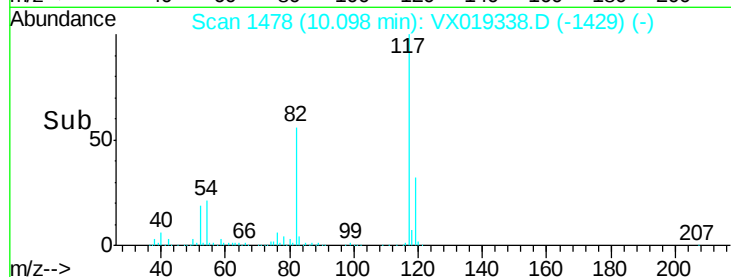
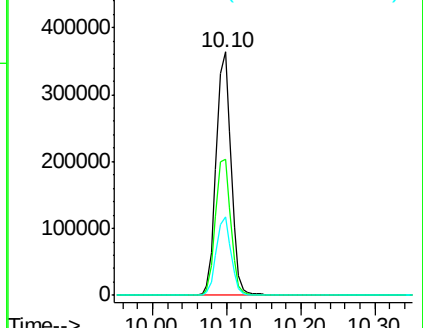
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019338.D
Acq: 06 Nov 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-238-240

Tot Ion:117 Resp: 499035
Ion Ratio Lower Upper
117 100
82 56.0 43.6 65.4
119 32.4 25.5 38.3

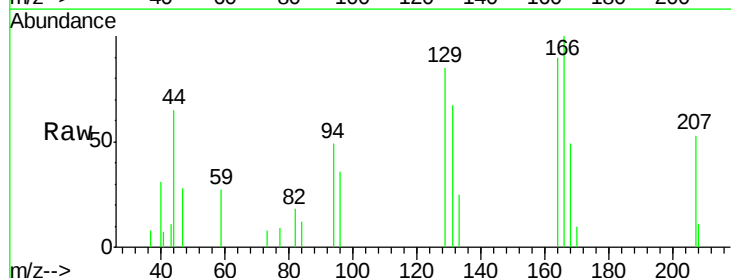


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

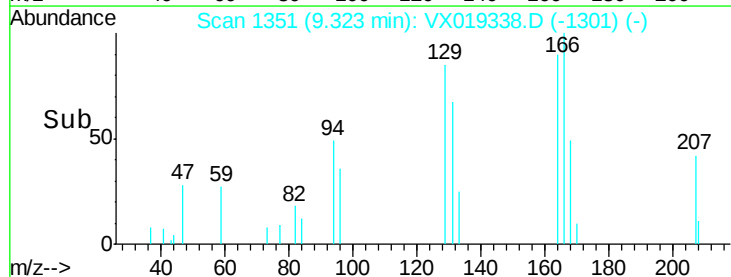
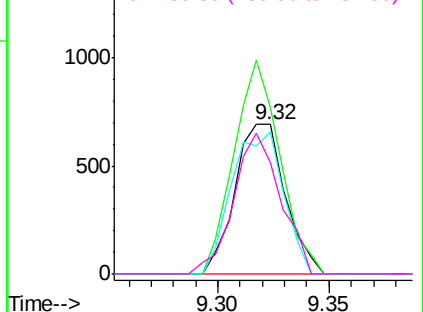


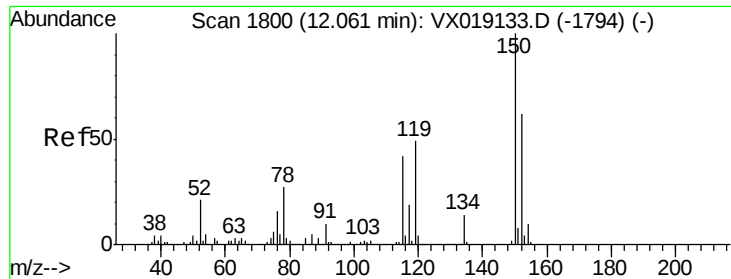
#64
Tetrachloroethene
Concen: 0.287 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX019338.D
Acq: 06 Nov 2020 13:51

Tgt Ion:164 Resp: 1091
Ion Ratio Lower Upper
164 100
166 111.4 104.1 156.1
129 94.7 76.2 114.4
131 74.2 74.6 112.0#



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019338.D

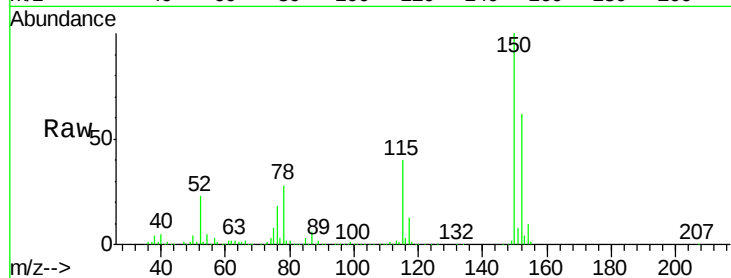
Acq: 06 Nov 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-238-240



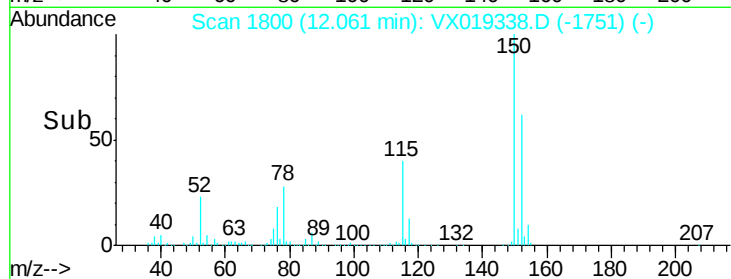
Tot Ion:152 Resp: 245155

Ion Ratio Lower Upper

152 100

115 63.1 41.9 125.7

150 159.0 0.0 347.8



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

