

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019341.D
 Acq On : 06 Nov 2020 14:59
 Operator : JC/MD
 Sample : L4662-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-298-300

Quant Time: Nov 07 02:03:58 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

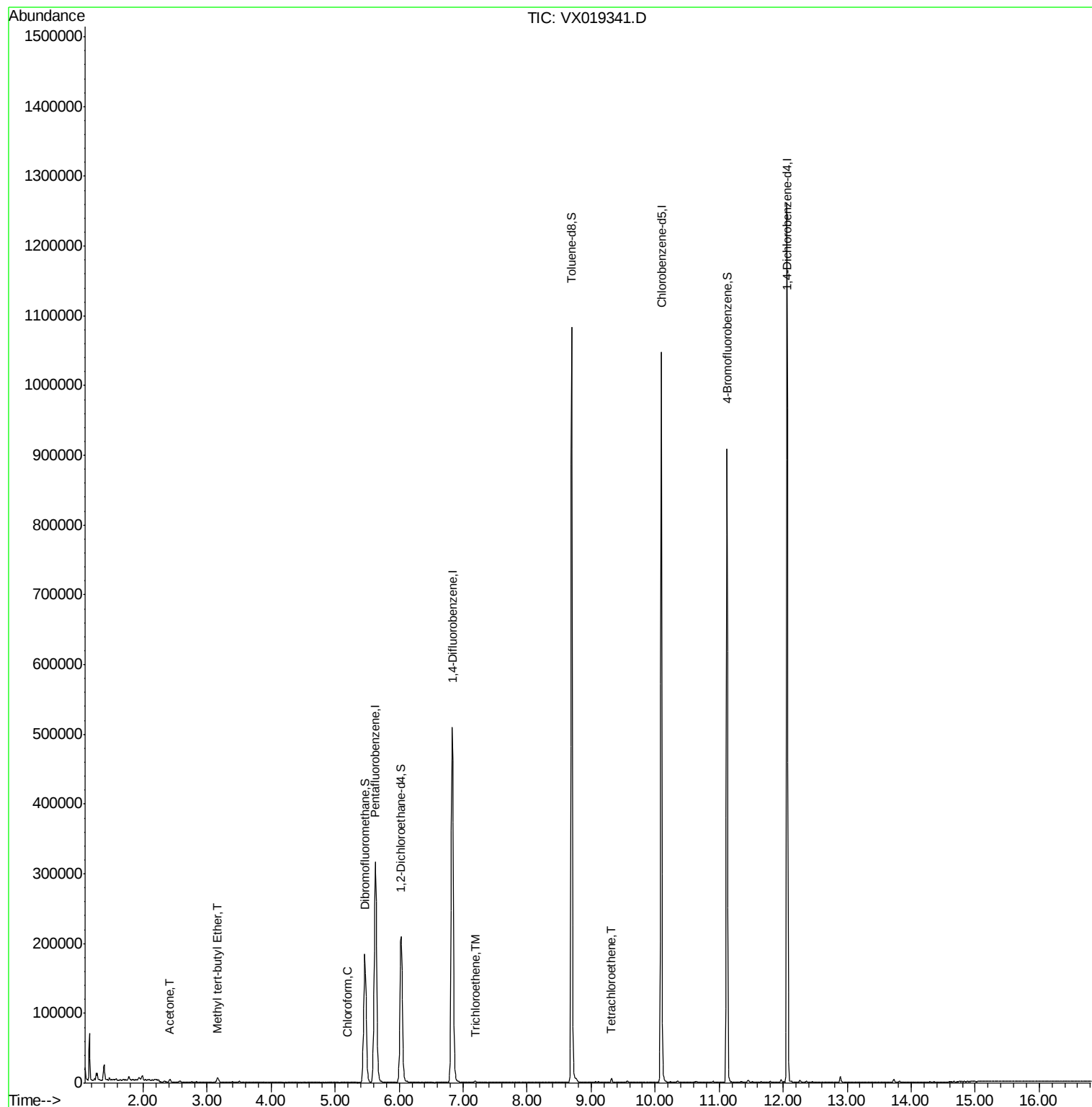
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	294465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	513031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	487526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	206273	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	5.46	113	159999	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	8.70	98	624605	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.12	95	244101	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
Target Compounds						
16) Acetone	2.42	43	4462	3.406	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	7623	0.771	ug/l #	86
30) Chloroform	5.19	83	1182	0.206	ug/l	91
44) Trichloroethene	7.19	130	781	0.203	ug/l	81
64) Tetrachloroethene	9.32	164	998	0.269	ug/l	88

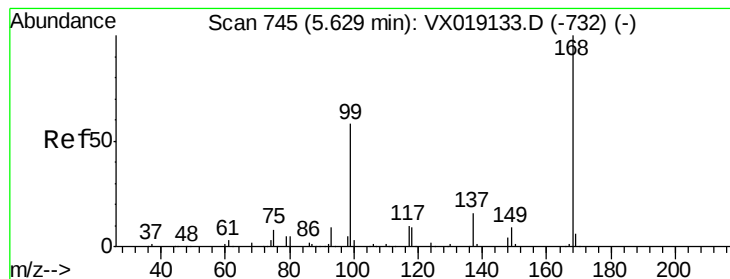
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX019341.D

Acq: 06 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

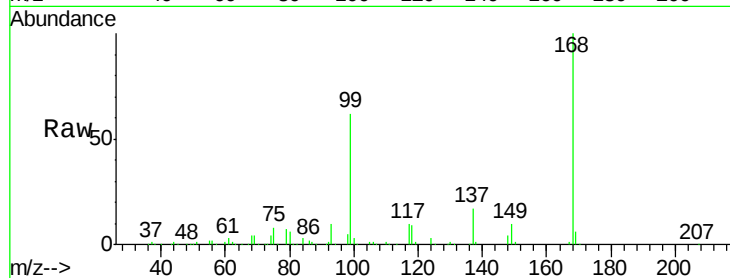
BP-VPB178-GW-298-300

Tot Ion:168 Resp: 294465

Ion Ratio Lower Upper

168 100

99 62.1 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

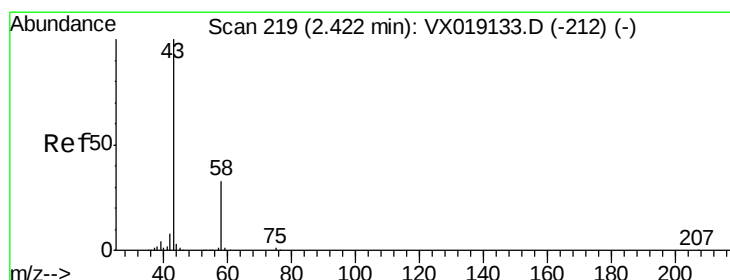
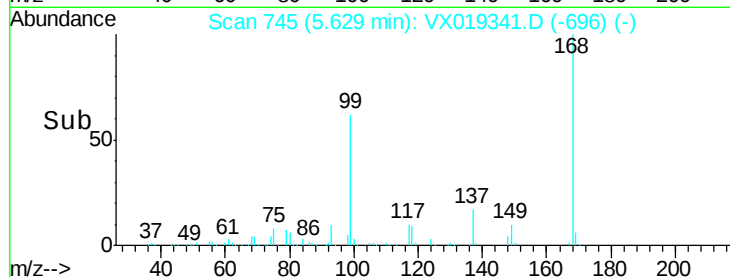
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.406 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019341.D

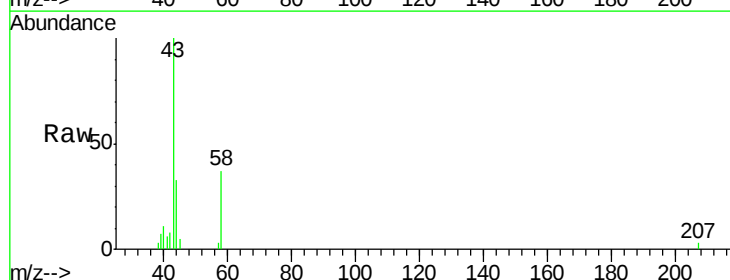
Acq: 06 Nov 2020 14:59

Tgt Ion: 43 Resp: 4462

Ion Ratio Lower Upper

43 100

58 37.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2500

2000

1500

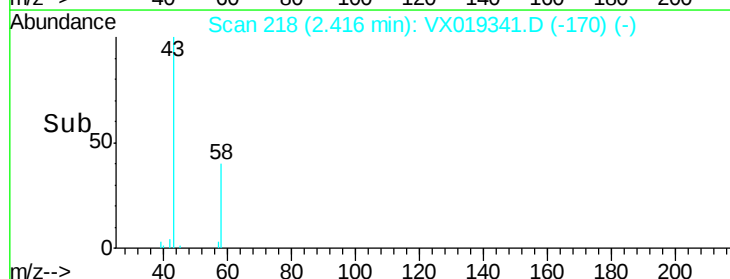
1000

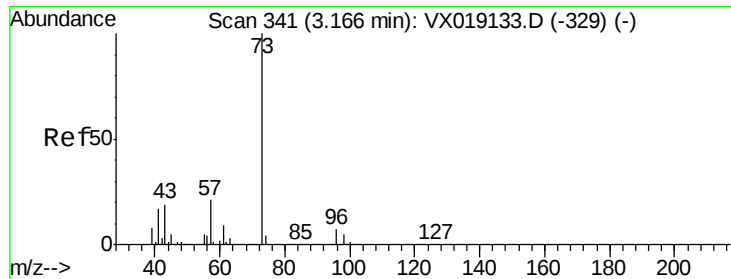
500

0

Time-->

2.30 2.40 2.50

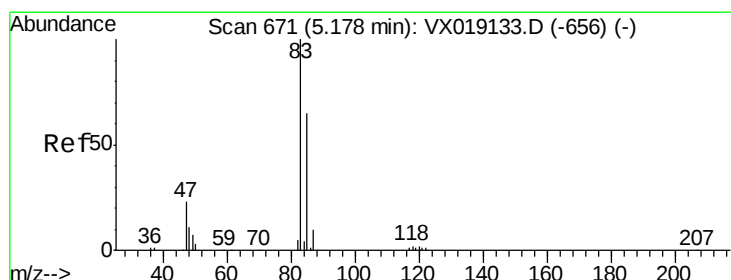
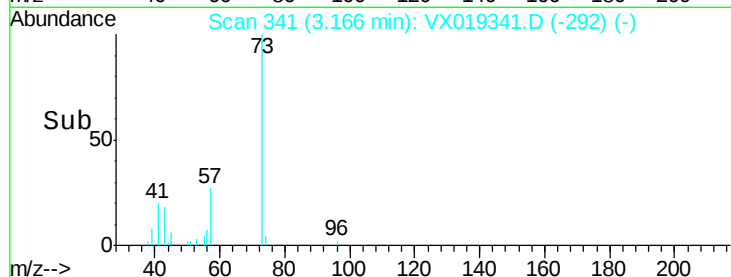
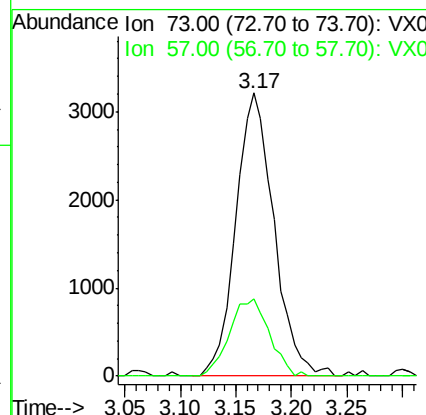
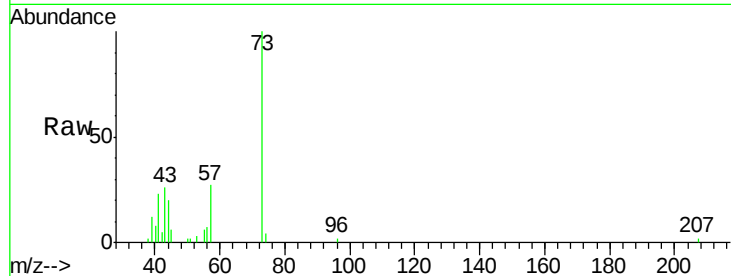




#19
Methvl tert-butvl Ether
Concen: 0.771 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019341.D
Acq: 06 Nov 2020 14:59

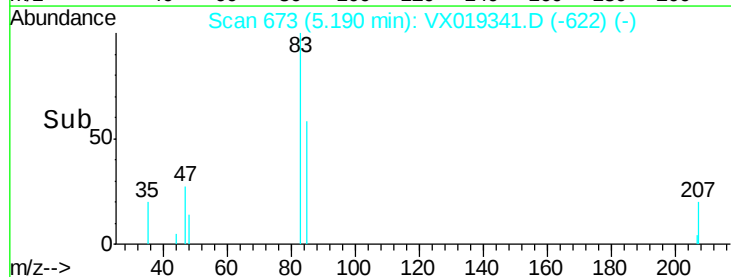
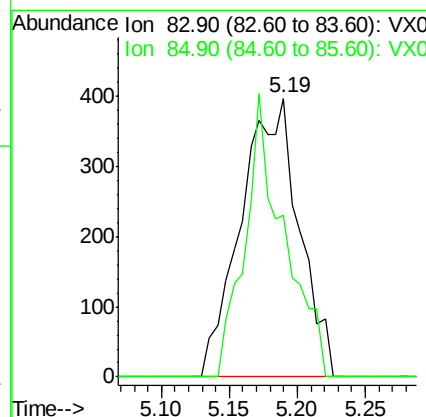
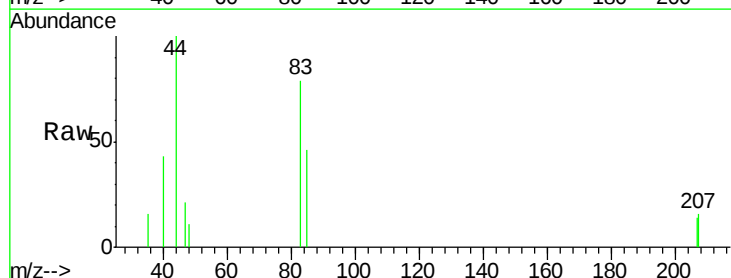
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-298-300

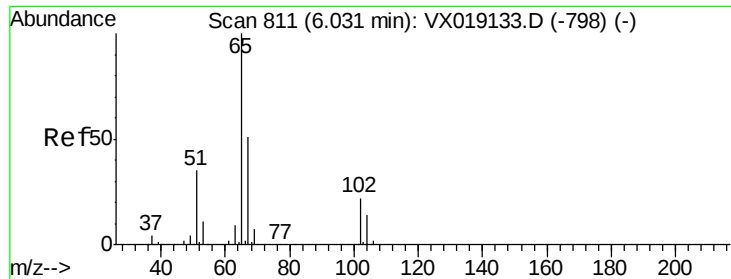
Tot Ion: 73 Resp: 7623
Ion Ratio Lower Upper
73 100
57 27.3 16.6 25.0#



#30
Chloroform
Concen: 0.206 ug/l
RT: 5.19 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX019341.D
Acq: 06 Nov 2020 14:59

Tgt Ion: 83 Resp: 1182
Ion Ratio Lower Upper
83 100
85 57.9 51.9 77.9

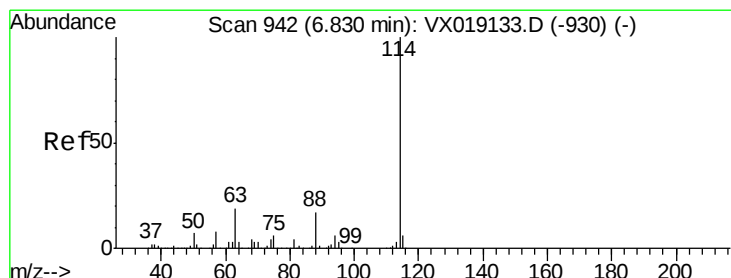
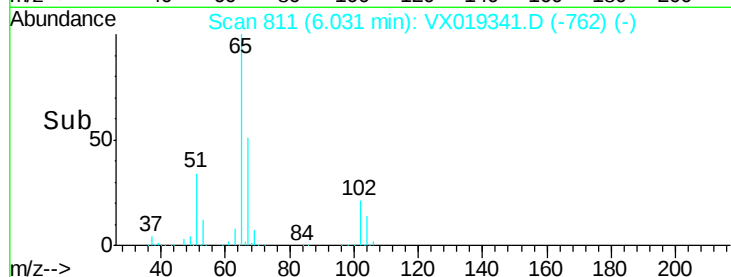
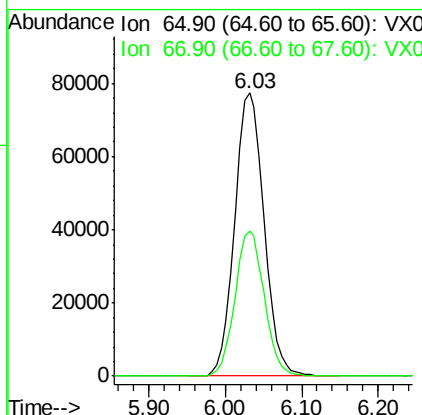
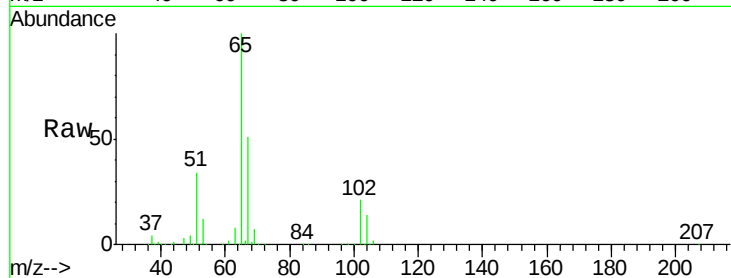




#33
 1,2-Dichloroethane-d4
 Concen: 54.318 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019341.D
 Acq: 06 Nov 2020 14:59

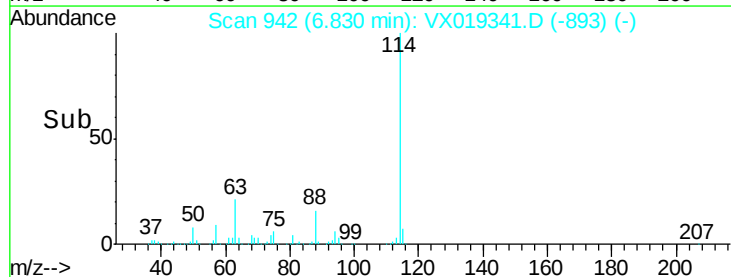
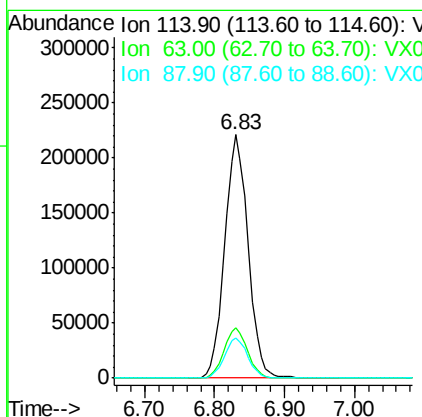
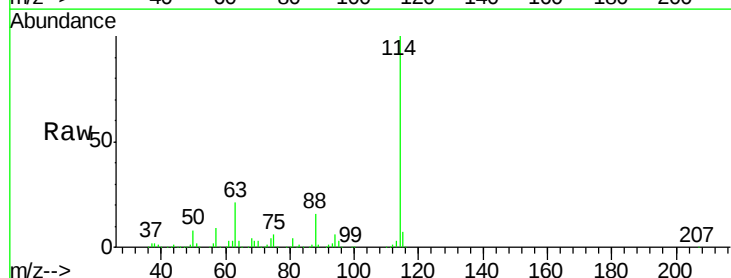
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-298-300

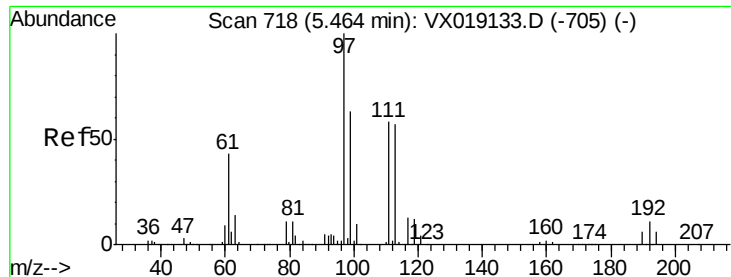
Tot Ion: 65 Resp: 206273
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019341.D
 Acq: 06 Nov 2020 14:59

Tgt Ion: 114 Resp: 513031
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.8
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.650 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019341.D

Acq: 06 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-298-300

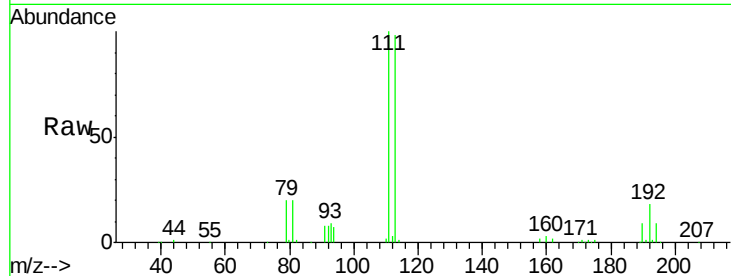
Tot Ion:113 Resp: 159999

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

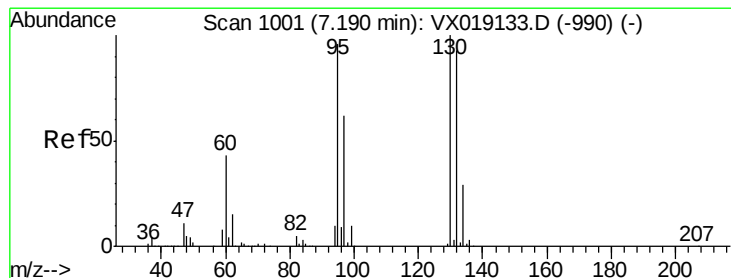
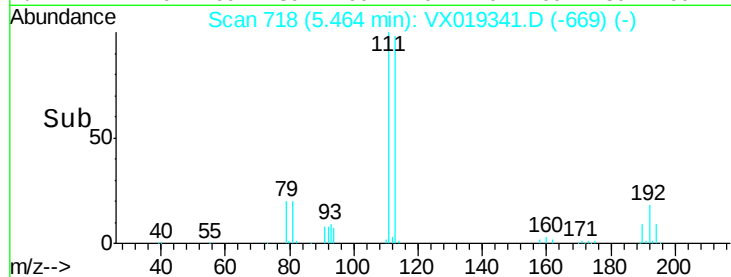
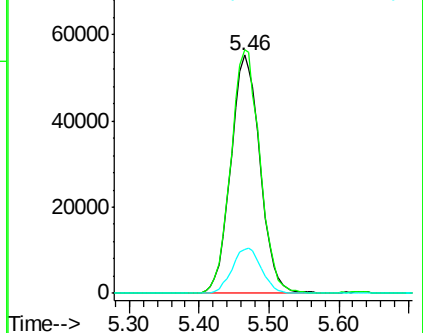
192 19.2 16.2 24.2



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: 0.203 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019341.D

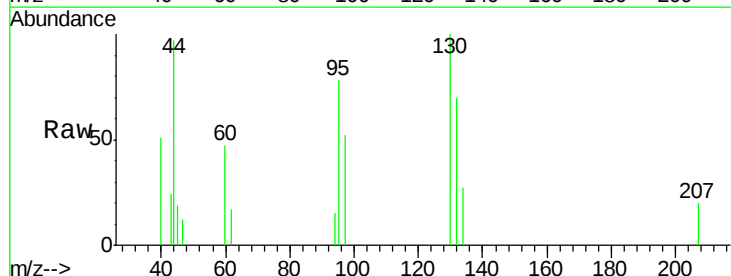
Acq: 06 Nov 2020 14:59

Tgt Ion:130 Resp: 781

Ion Ratio Lower Upper

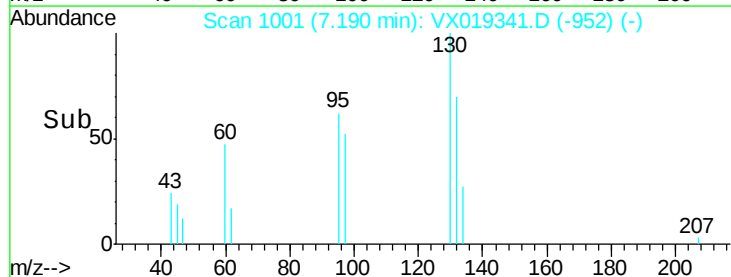
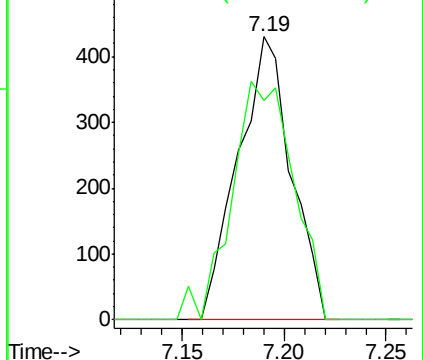
130 100

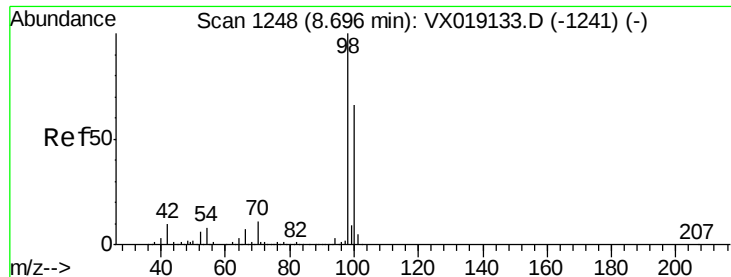
95 77.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.417 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019341.D

Acq: 06 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

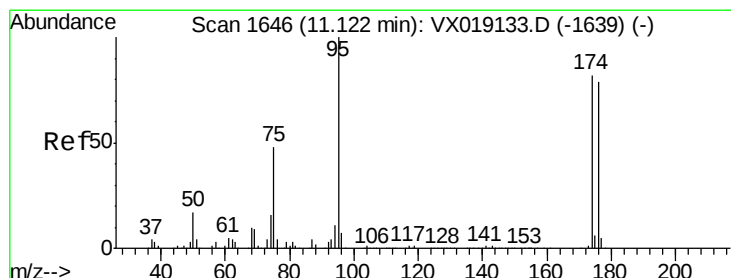
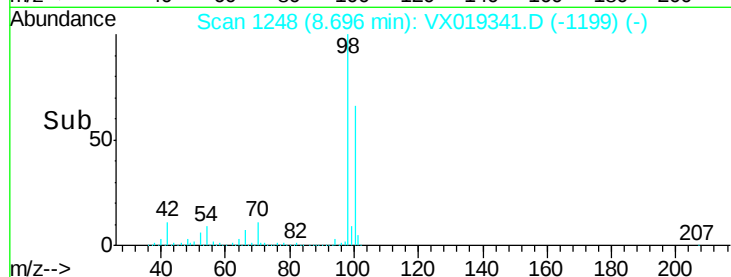
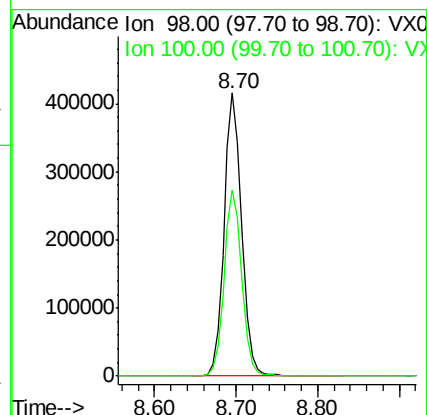
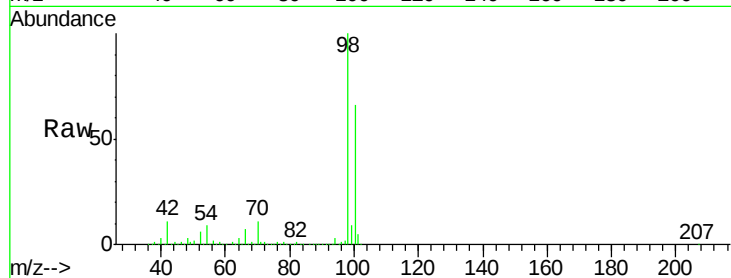
BP-VPB178-GW-298-300

Tot Ion: 98 Resp: 624605

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.060 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019341.D

Acq: 06 Nov 2020 14:59

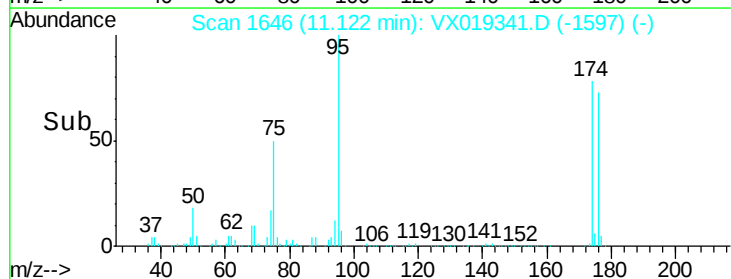
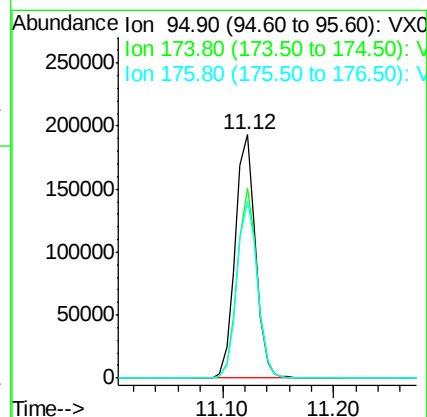
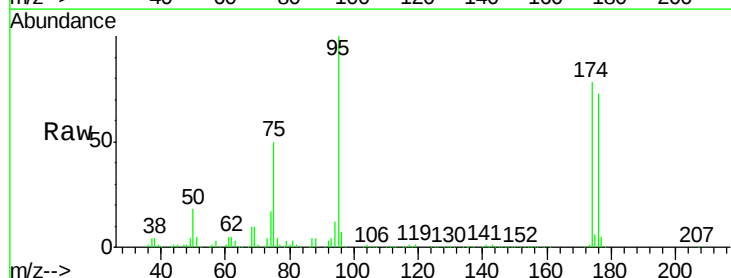
Tgt Ion: 95 Resp: 244101

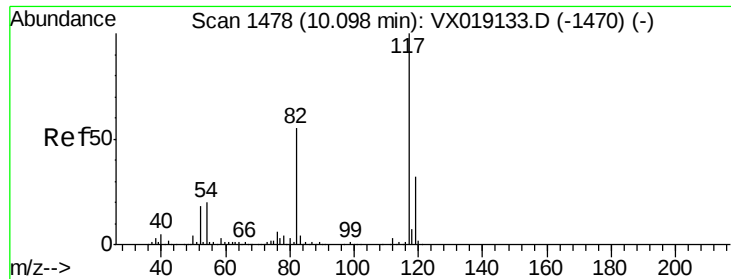
Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.0

176 73.1 0.0 149.8

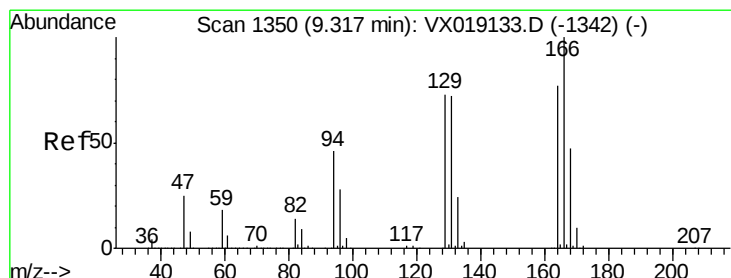
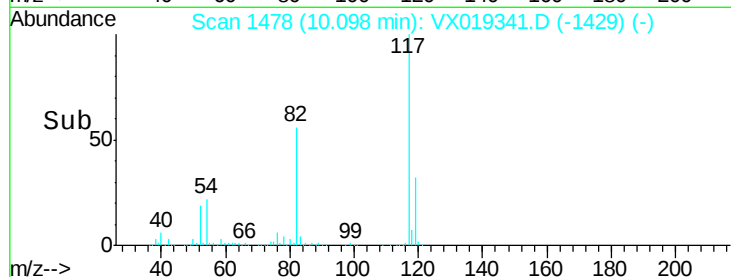
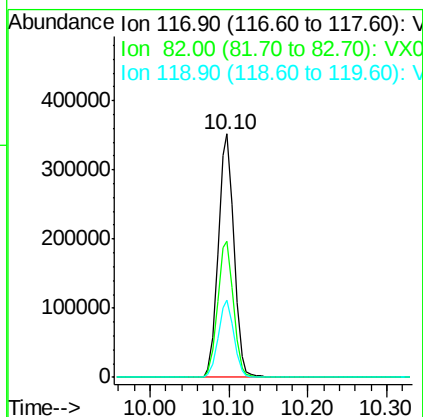
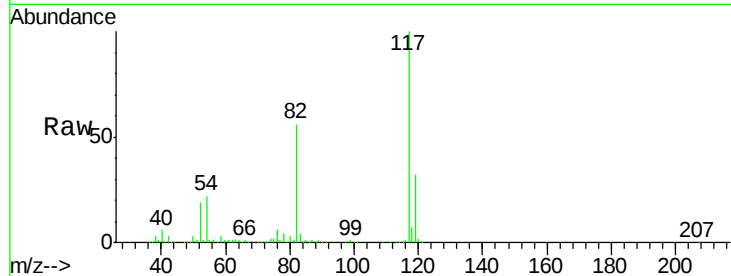




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019341.D
Acq: 06 Nov 2020 14:59

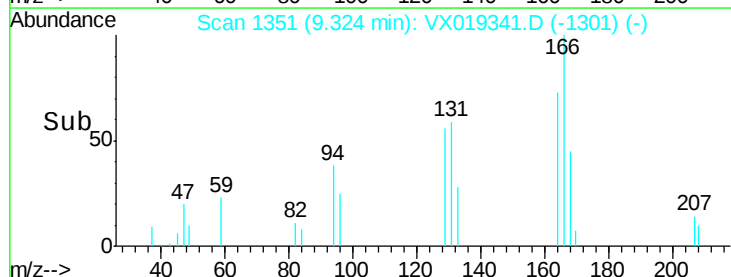
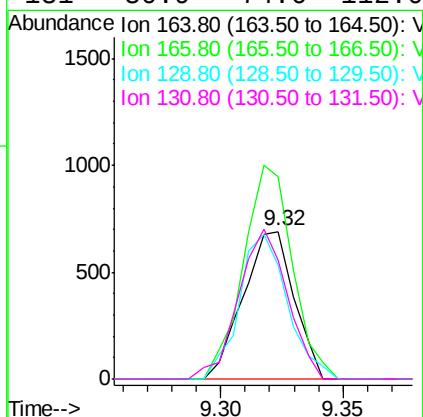
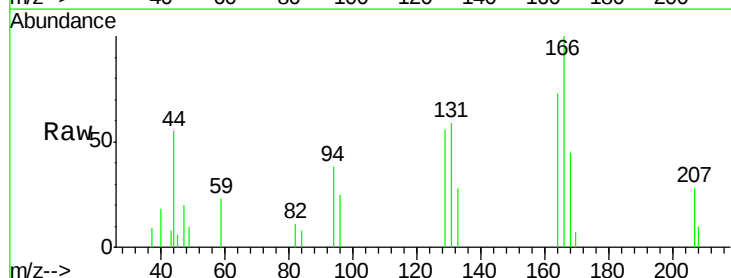
Instrument :
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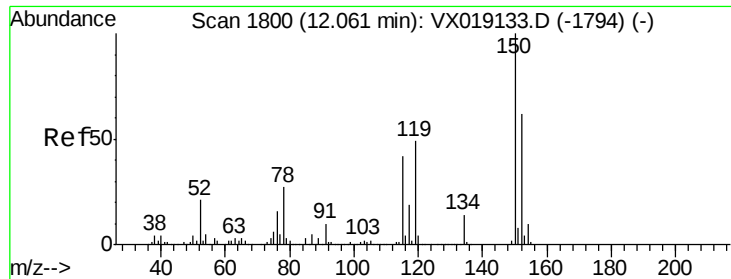
Tot Ion:117 Resp: 487526
Ion Ratio Lower Upper
117 100
82 56.2 43.6 65.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.269 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX019341.D
Acq: 06 Nov 2020 14:59

Tgt Ion:164 Resp: 998
Ion Ratio Lower Upper
164 100
166 136.6 104.1 156.1
129 76.9 76.2 114.4
131 80.9 74.6 112.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019341.D

Acq: 06 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-298-300

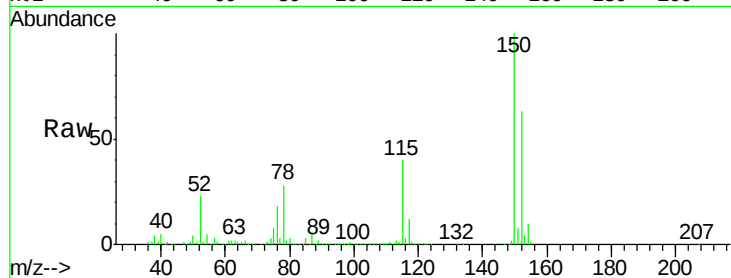
Tot Ion:152 Resp: 245474

Ion Ratio Lower Upper

152 100

115 60.9 41.9 125.7

150 156.2 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

