

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019339.D
 Acq On : 06 Nov 2020 14:14
 Operator : JC/MD
 Sample : L4662-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-258-260

Quant Time: Nov 07 02:00:18 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

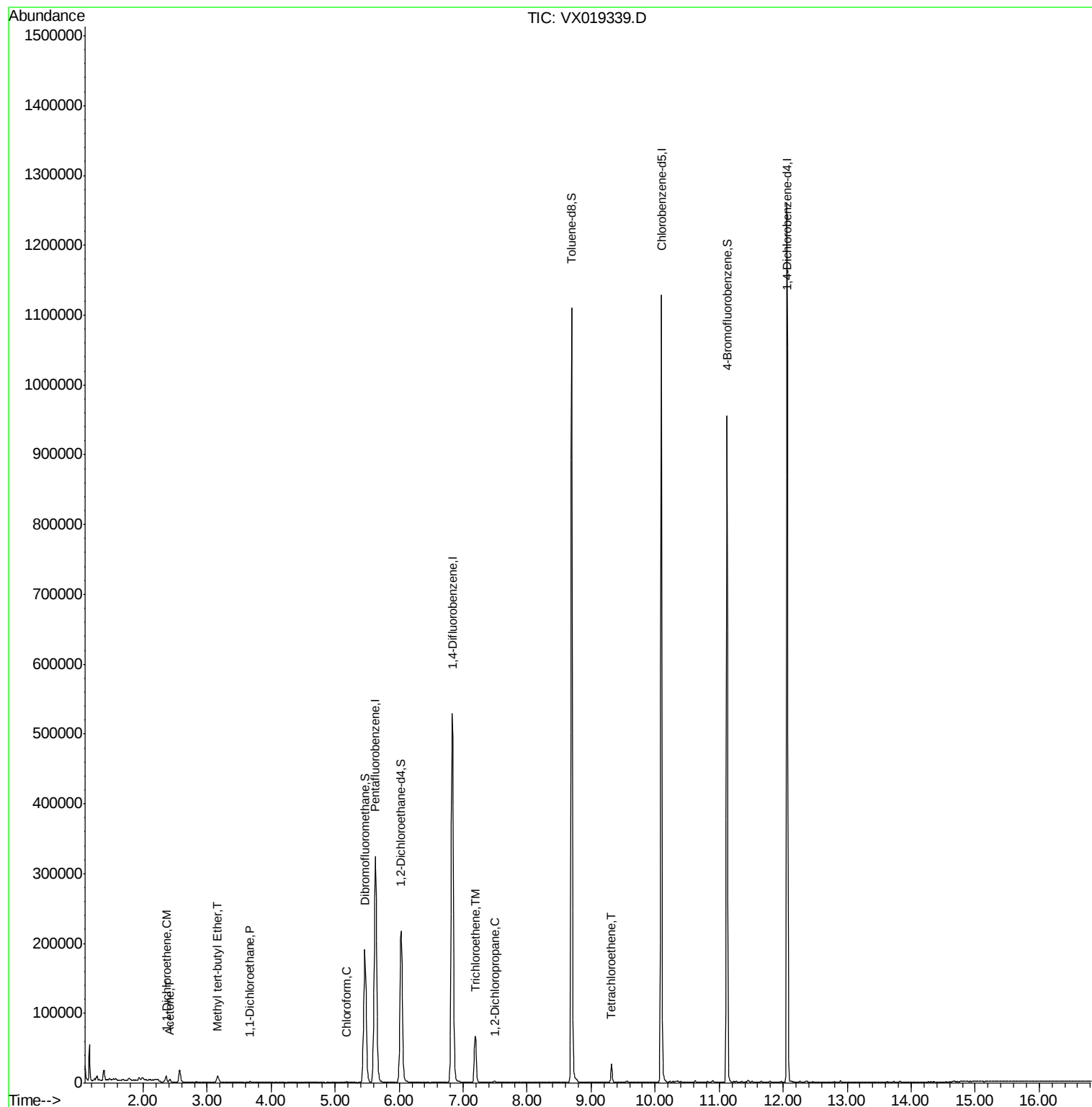
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	532614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	505940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	210403	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	5.47	113	164956	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	8.70	98	648205	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.12	95	252203	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.36	96	2812	0.964	ug/l	97
16) Acetone	2.42	43	4217	3.150	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	10437	1.033	ug/l	98
24) 1,1-Dichloroethane	3.67	63	1929	0.351	ug/l #	94
30) Chloroform	5.18	83	1762	0.301	ug/l	98
44) Trichloroethene	7.19	130	25453	6.373	ug/l	94
45) 1,2-Dichloropropane	7.50	63	880	0.258	ug/l	89
64) Tetrachloroethene	9.32	164	4964	1.288	ug/l	95

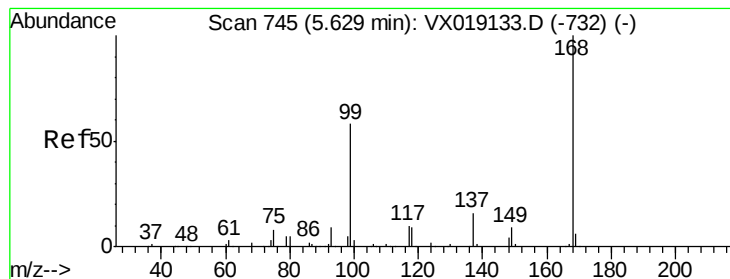
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110720\
Data File : VX019339.D
Acq On : 06 Nov 2020 14:14
Operator : JC/MD
Sample : L4662-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-258-260

Quant Time: Nov 07 02:00:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
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: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

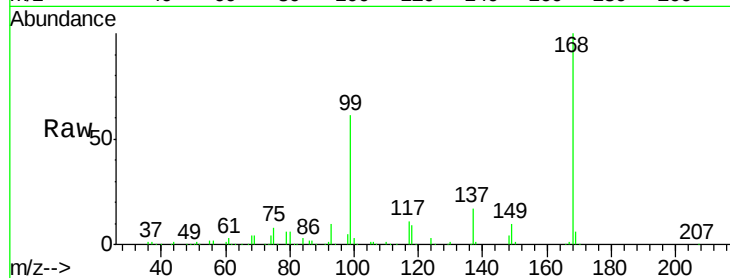
BP-VPB178-GW-258-260

Tot Ion:168 Resp: 300914

Ion Ratio Lower Upper

168 100

99 61.3 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

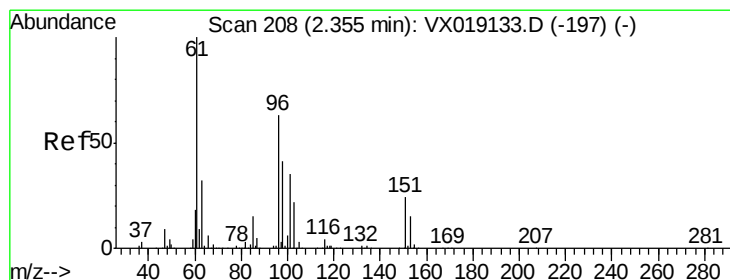
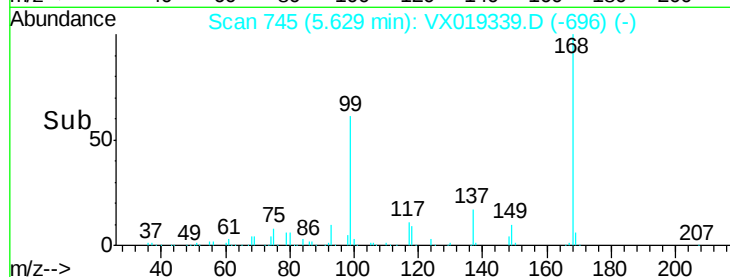
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.964 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

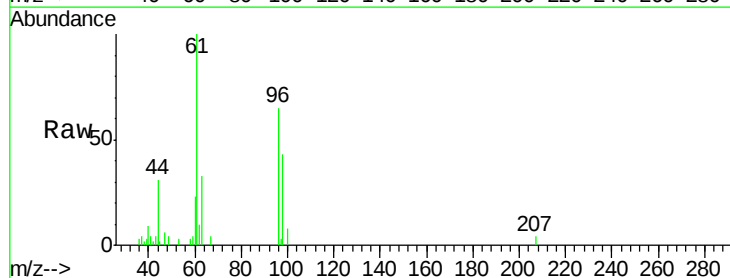
Tgt Ion: 96 Resp: 2812

Ion Ratio Lower Upper

96 100

61 153.4 127.7 191.5

98 65.4 52.1 78.1



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

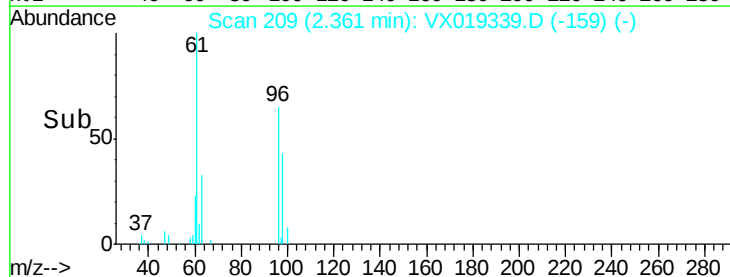
3000

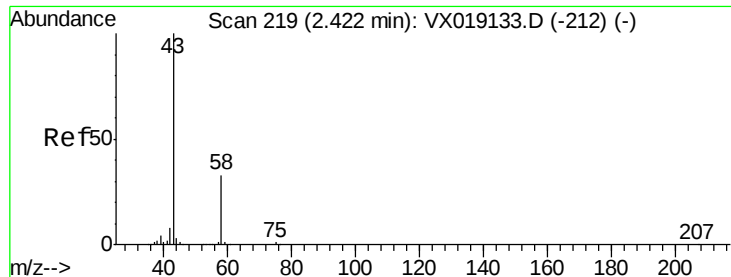
2000

1000

0

Time-->





#16

Acetone

Concen: 3.150 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

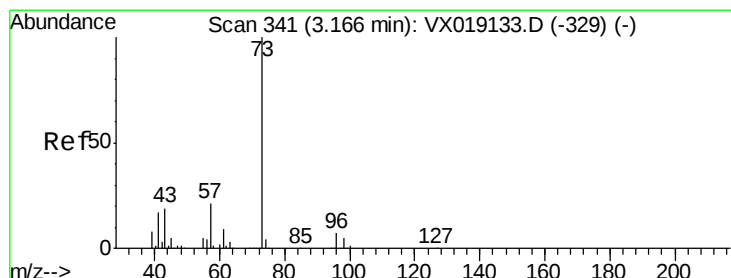
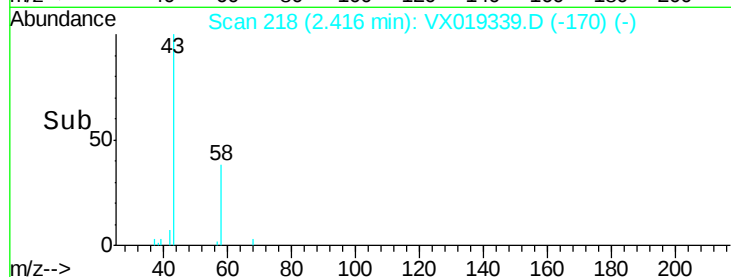
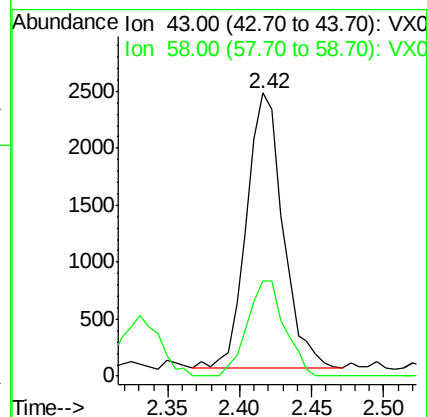
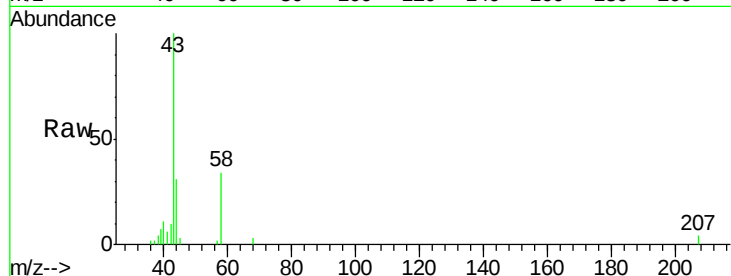
BP-VPB178-GW-258-260

Tot Ion: 43 Resp: 4217

Ion Ratio Lower Upper

43 100

58 34.9 26.3 39.5



#19

Methyl tert-butyl Ether

Concen: 1.033 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX019339.D

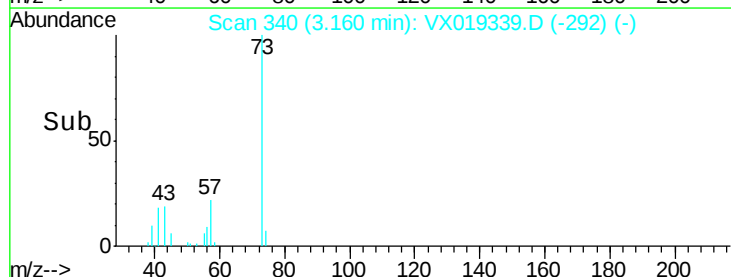
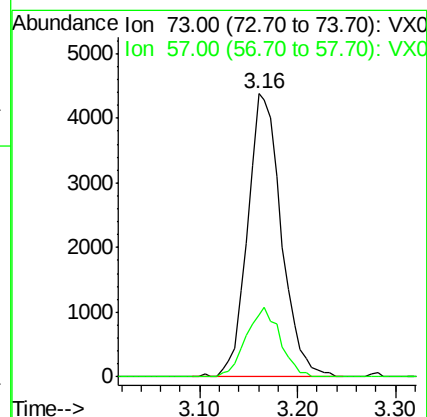
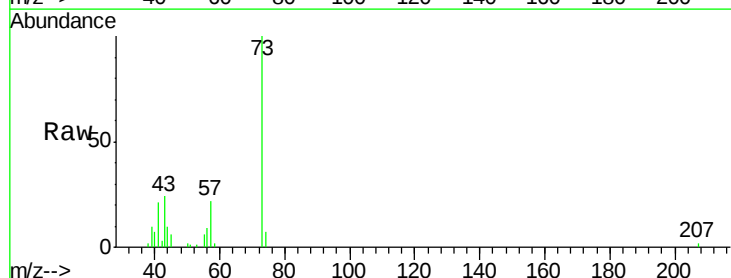
Acq: 06 Nov 2020 14:14

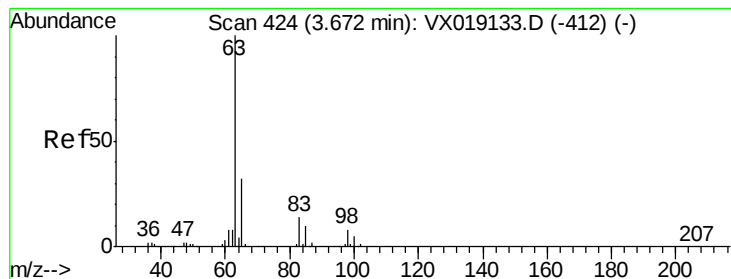
Tgt Ion: 73 Resp: 10437

Ion Ratio Lower Upper

73 100

57 21.9 16.6 25.0





#24

1,1-Dichloroethane

Concen: 0.351 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-258-260

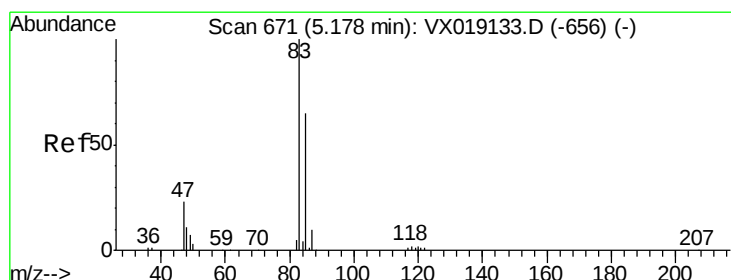
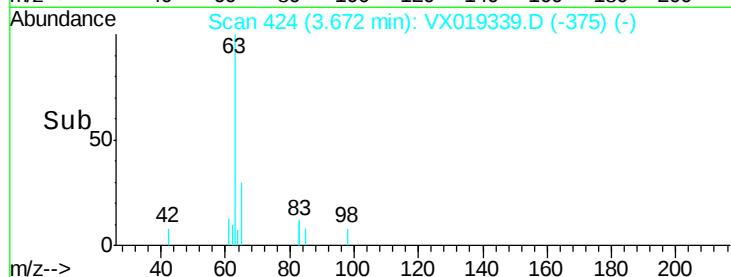
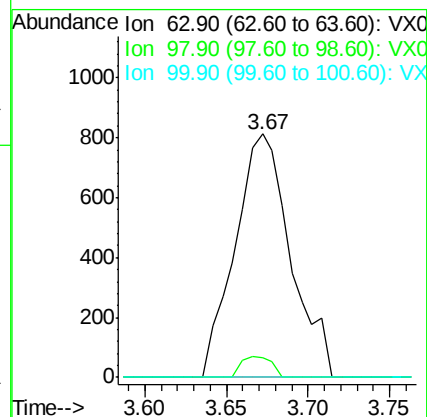
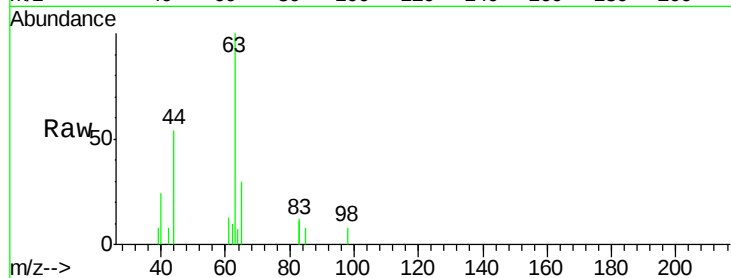
Tot Ion: 63 Resp: 1929

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 0.0 2.4 7.2#



#30

Chloroform

Concen: 0.301 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019339.D

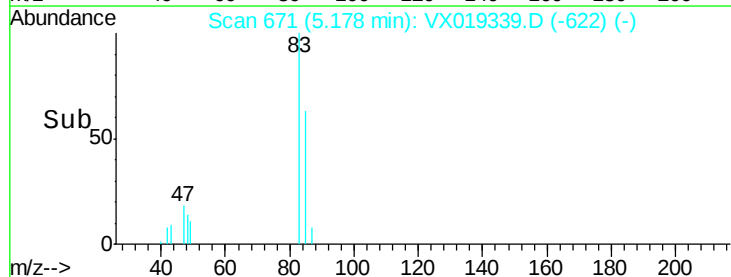
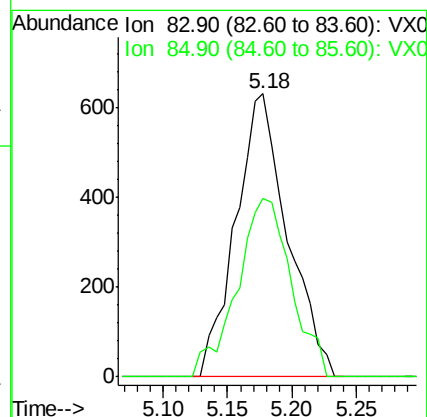
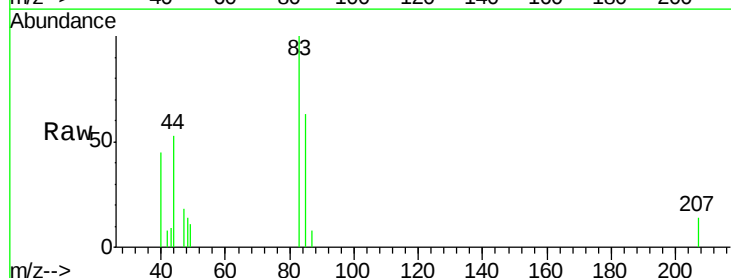
Acq: 06 Nov 2020 14:14

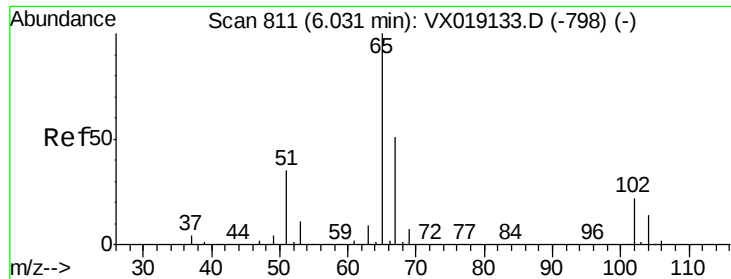
Tgt Ion: 83 Resp: 1762

Ion Ratio Lower Upper

83 100

85 63.1 51.9 77.9

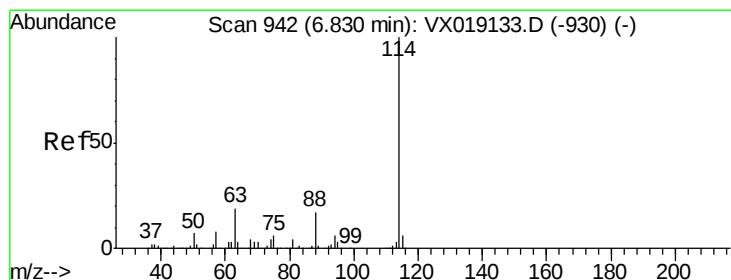
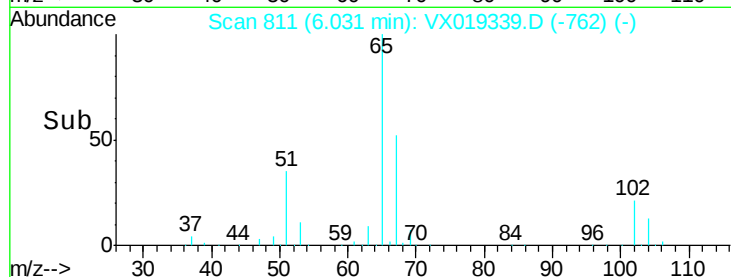
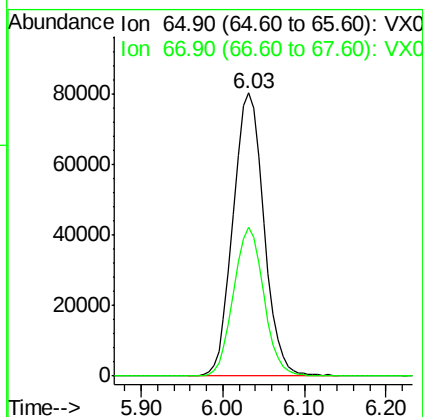
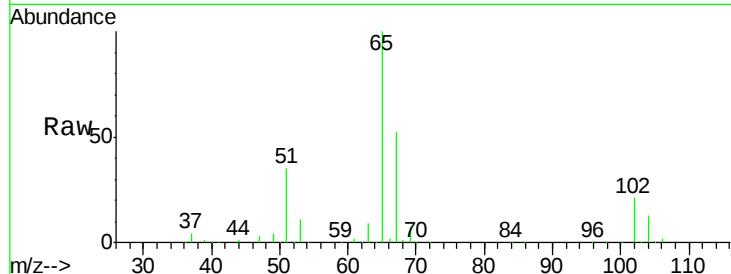




#33
 1,2-Dichloroethane-d4
 Concen: 54.218 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019339.D
 Acq: 06 Nov 2020 14:14

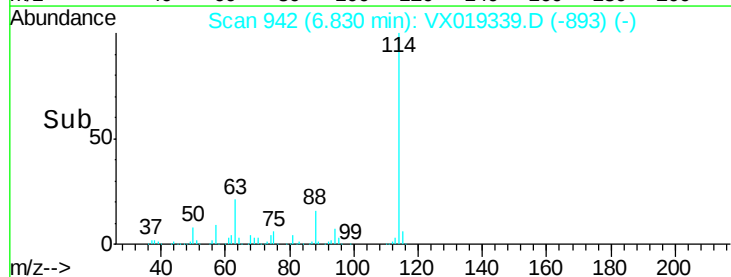
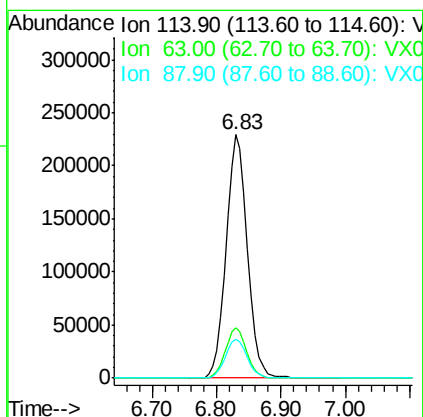
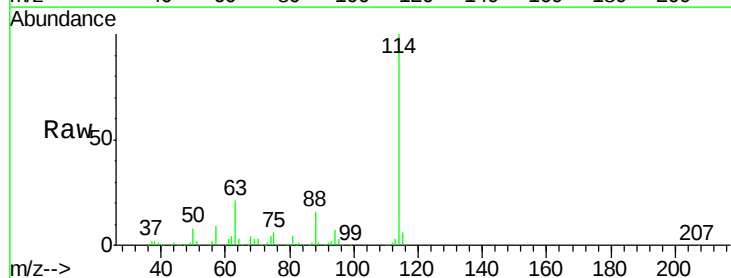
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-258-260

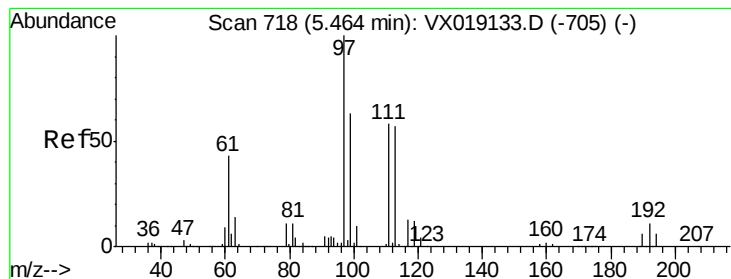
Tot Ion: 65 Resp: 210403
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019339.D
 Acq: 06 Nov 2020 14:14

Tgt Ion: 114 Resp: 532614
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.8
 88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.306 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-258-260

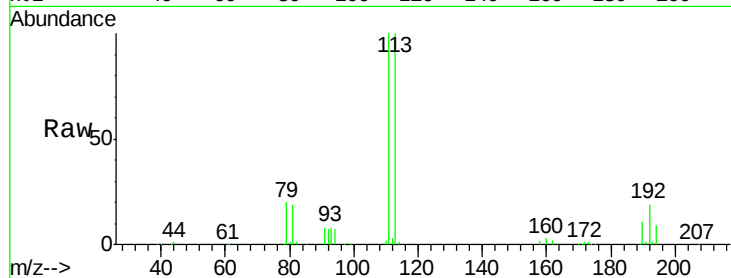
Tot Ion:113 Resp: 164956

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

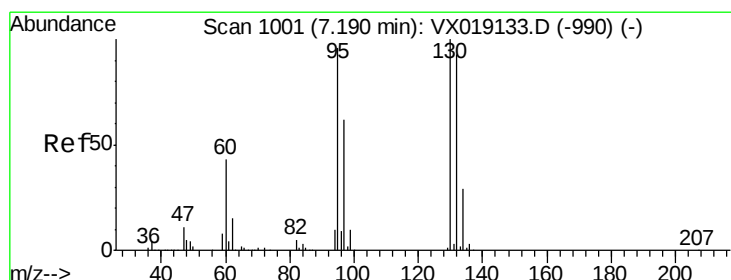
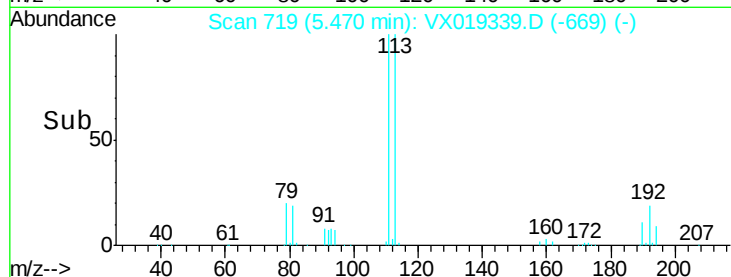
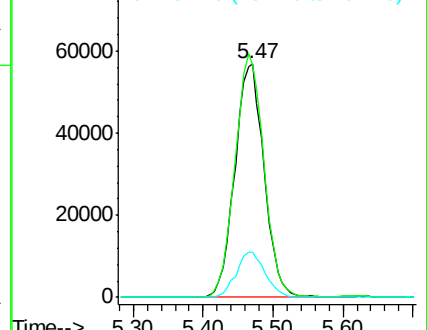
192 19.2 16.2 24.2



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: 6.373 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019339.D

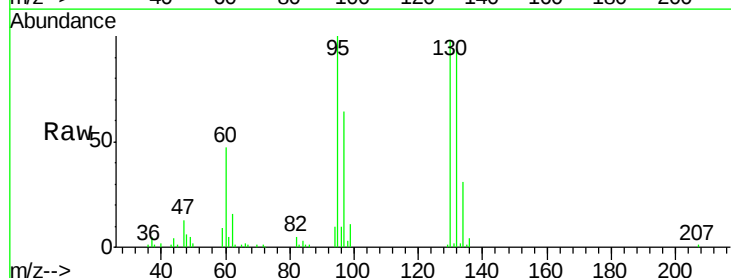
Acq: 06 Nov 2020 14:14

Tgt Ion:130 Resp: 25453

Ion Ratio Lower Upper

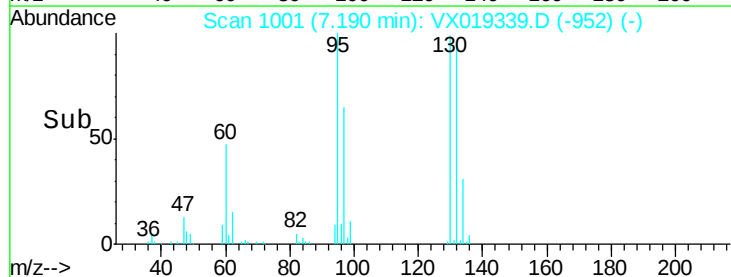
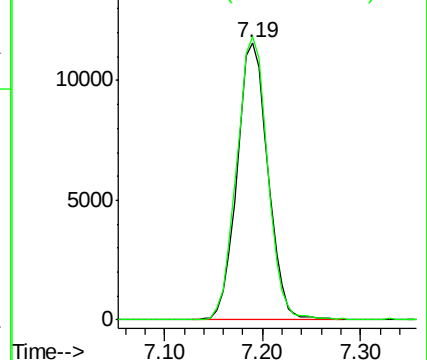
130 100

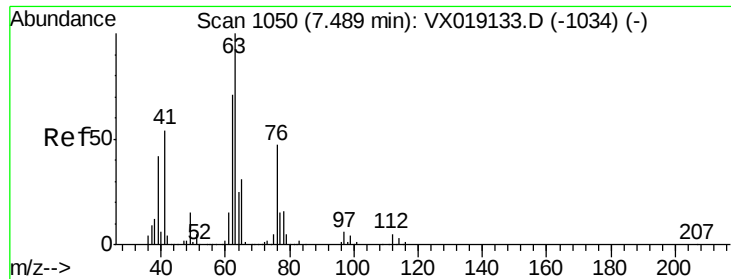
95 102.2 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.258 ug/l

RT: 7.50 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

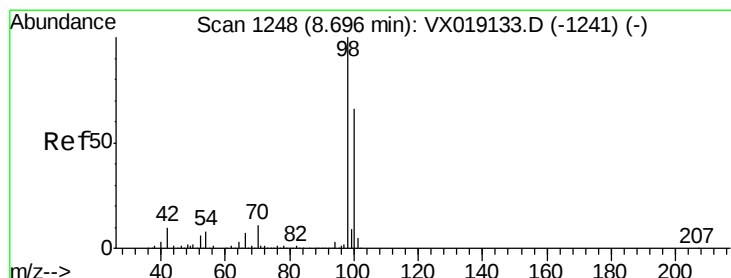
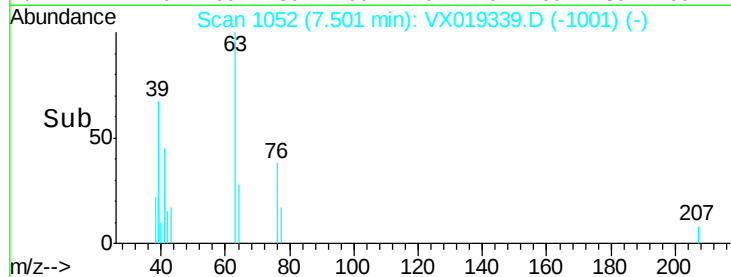
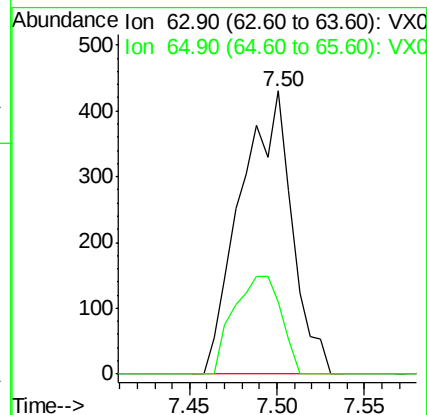
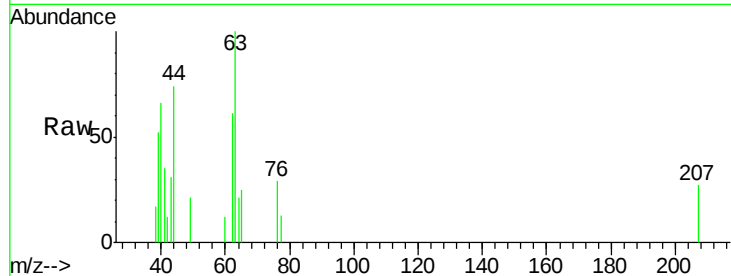
BP-VPB178-GW-258-260

Tot Ion: 63 Resp: 880

Ion Ratio Lower Upper

63 100

65 25.3 25.2 37.8



#50

Toluene-d8

Concen: 51.398 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019339.D

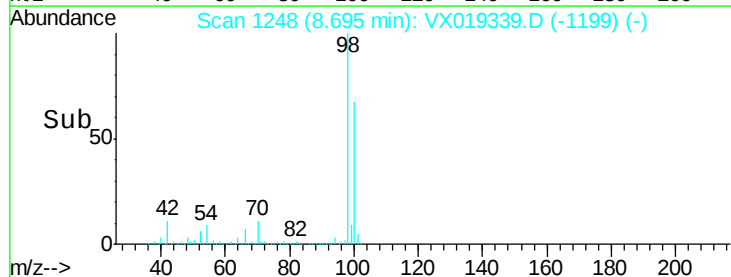
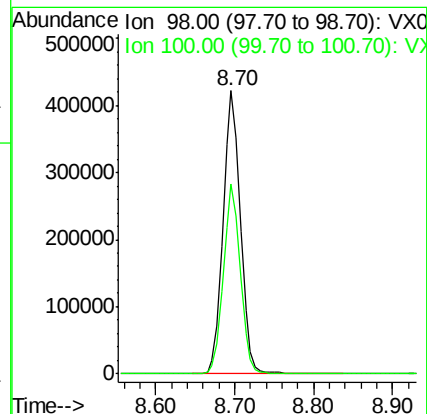
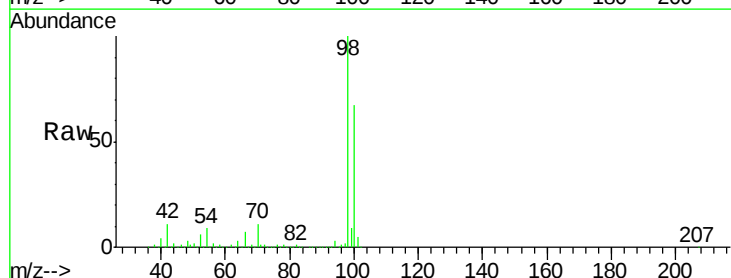
Acq: 06 Nov 2020 14:14

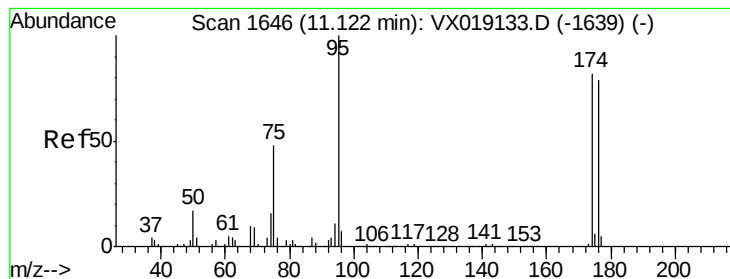
Tgt Ion: 98 Resp: 648205

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 52.806 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-258-260

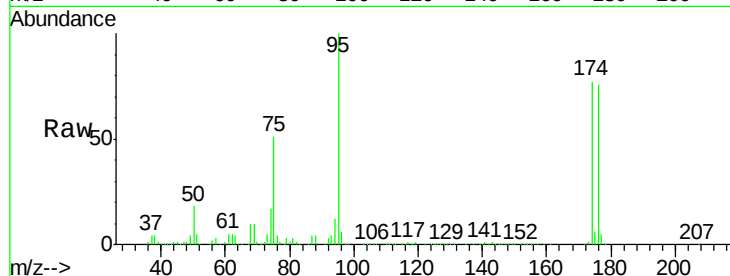
Tot Ion: 95 Resp: 252203

Ion Ratio Lower Upper

95 100

174 74.3 0.0 156.0

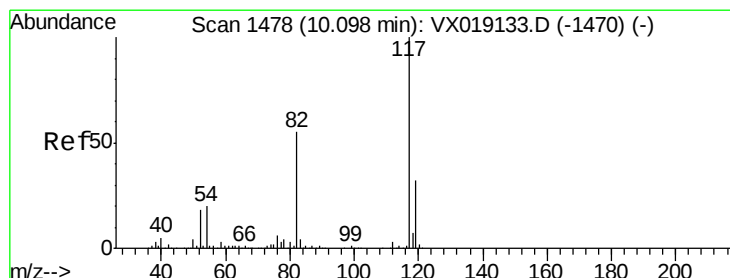
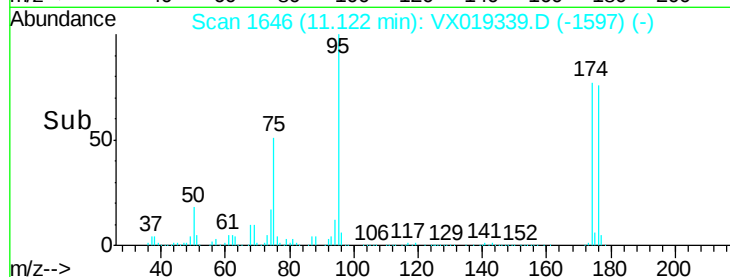
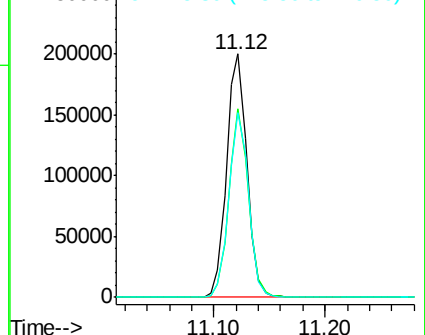
176 73.7 0.0 149.8



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

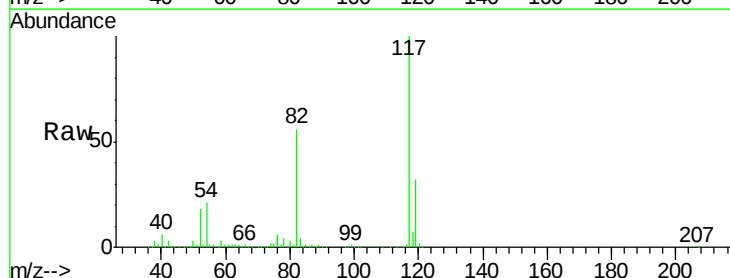
Tgt Ion: 117 Resp: 505940

Ion Ratio Lower Upper

117 100

82 56.0 43.6 65.4

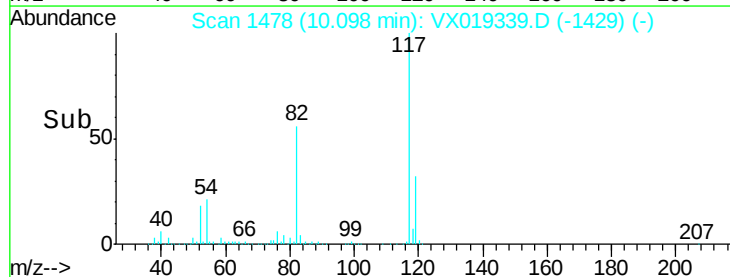
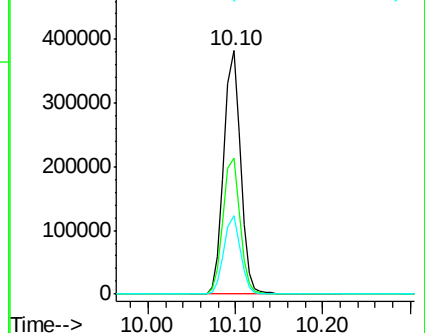
119 32.4 25.5 38.3

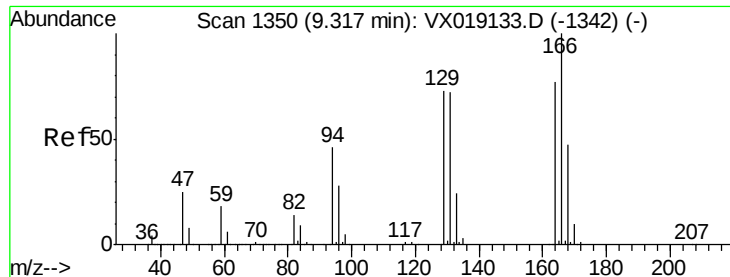


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.288 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019339.D

Acq: 06 Nov 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-258-260

Tot Ion:164 Resp: 4964

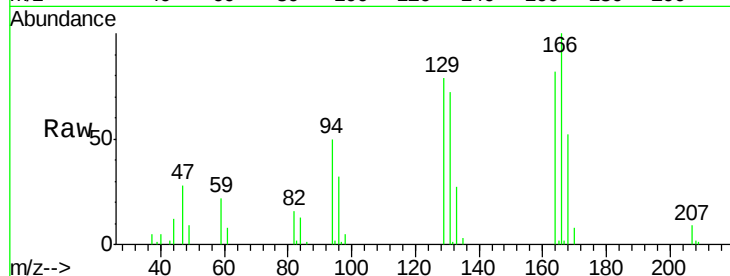
Ion Ratio Lower Upper

164 100

166 121.9 104.1 156.1

129 96.4 76.2 114.4

131 87.5 74.6 112.0

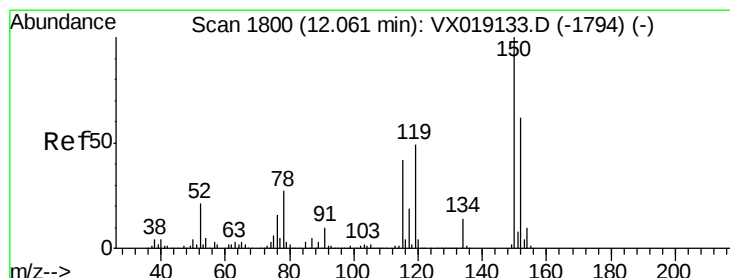
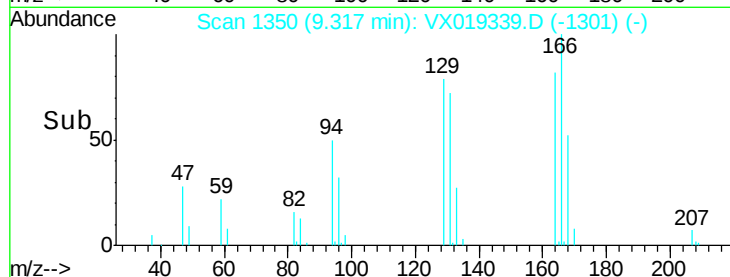
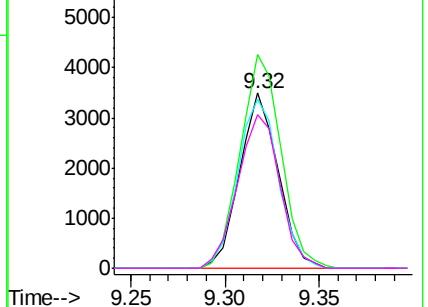


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX019339.D

Acq: 06 Nov 2020 14:14

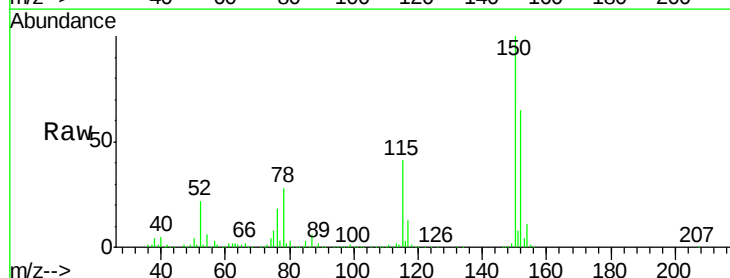
Tgt Ion:152 Resp: 251233

Ion Ratio Lower Upper

152 100

115 61.9 41.9 125.7

150 155.8 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

