

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011193.D
 Acq On : 30 Jul 2019 14:33
 Operator : JC/SP
 Sample : K4043-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-318-320

Quant Time: Jul 31 08:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

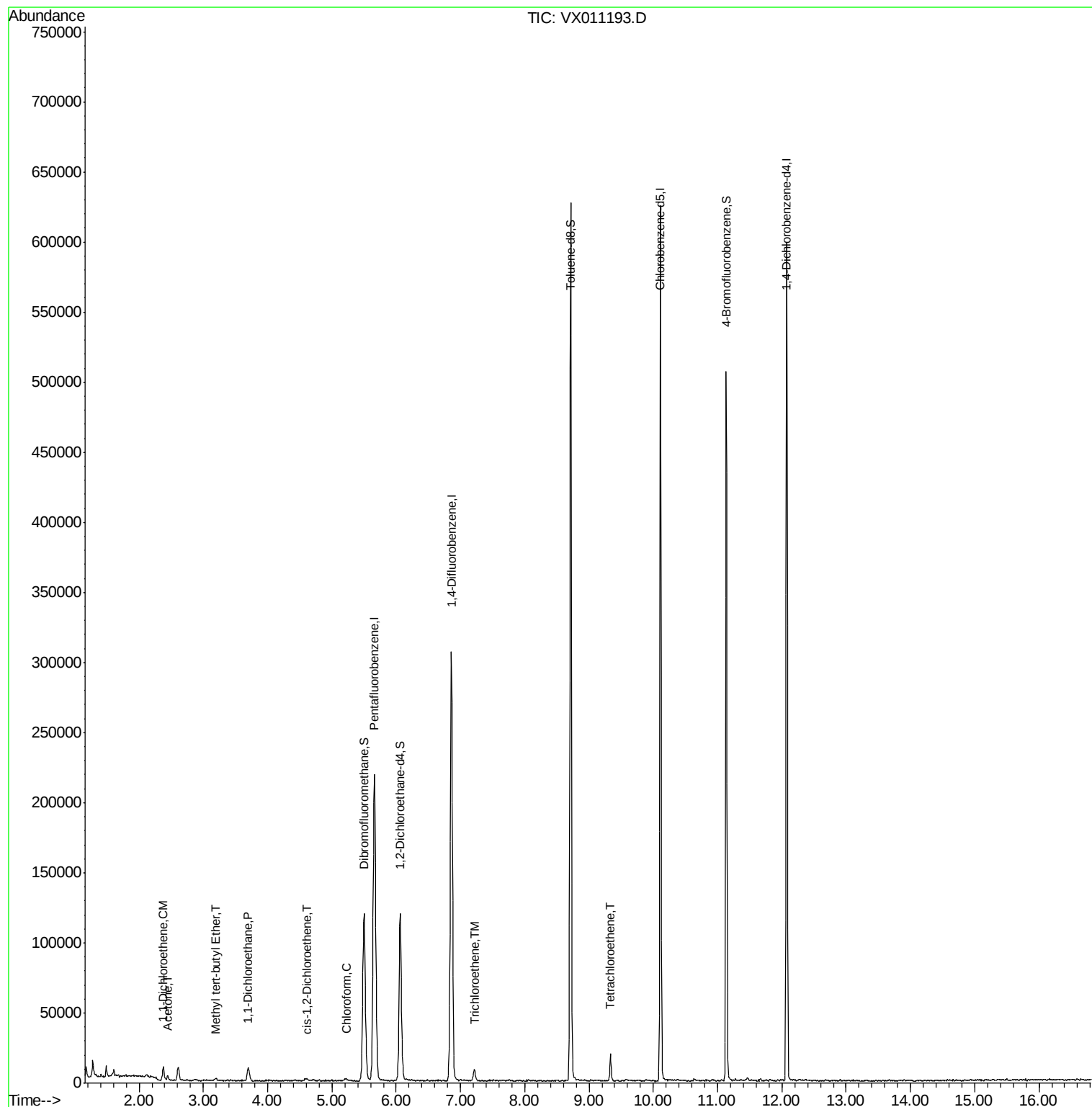
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110536	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
35) Dibromofluoromethane	5.50	113	95817	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	373093	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	122342	43.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.10%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	3206	1.642	ug/l	97
16) Acetone	2.44	43	3502	3.326	ug/l	88
19) Methyl tert-butyl Ether	3.19	73	1676	0.267	ug/l #	82
24) 1,1-Dichloroethane	3.70	63	9736	2.803	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1083	0.452	ug/l	66
30) Chloroform	5.22	83	2050	0.546	ug/l	92
44) Trichloroethene	7.21	130	3138	1.312	ug/l	100
64) Tetrachloroethene	9.34	164	3753	1.675	ug/l	96

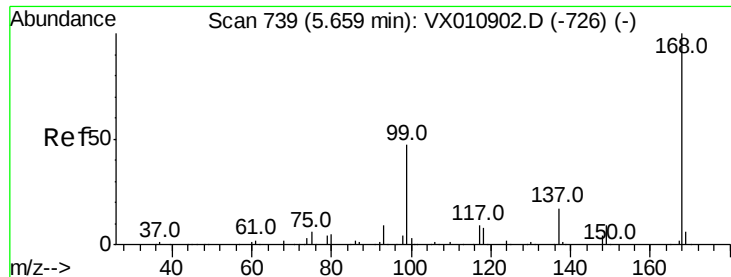
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073019\
Data File : VX011193.D
Acq On : 30 Jul 2019 14:33
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Sample : K4043-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-318-320

Quant Time: Jul 31 08:22:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

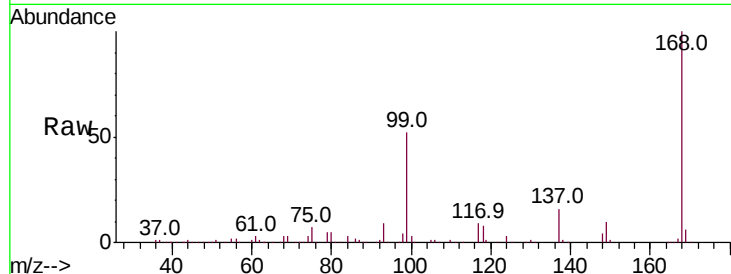
BP-VPB203-GW-318-320

Tot Ion:168 Resp: 219148

Ion Ratio Lower Upper

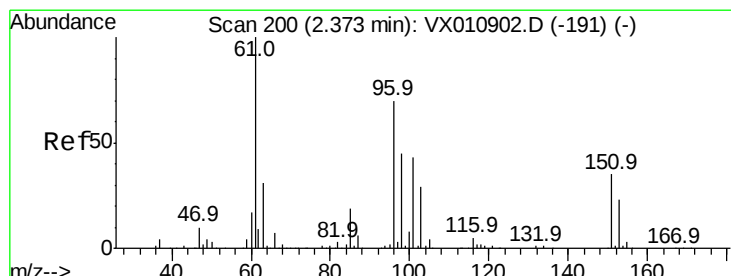
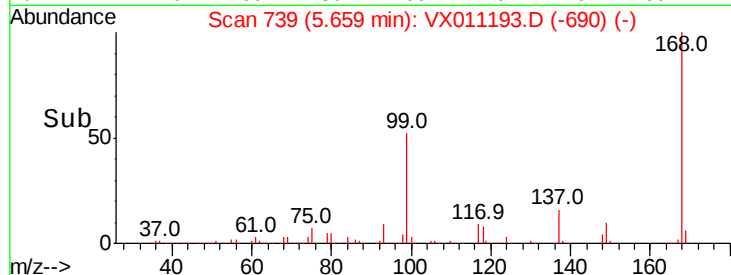
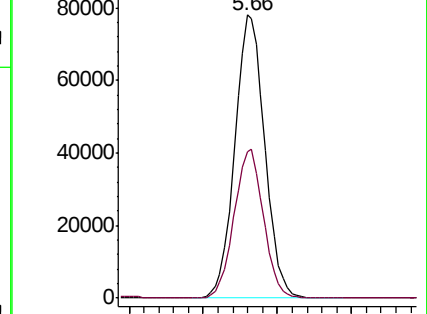
168 100

99 51.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 1.642 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

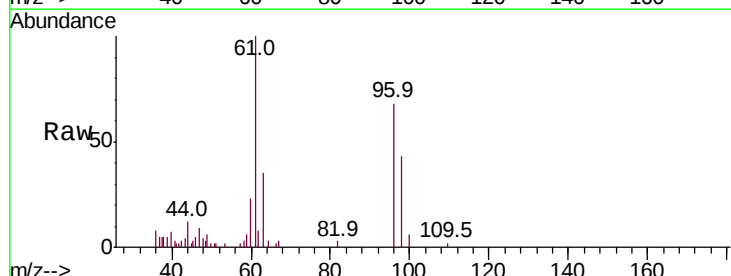
Tgt Ion: 96 Resp: 3206

Ion Ratio Lower Upper

96 100

61 146.5 115.0 172.4

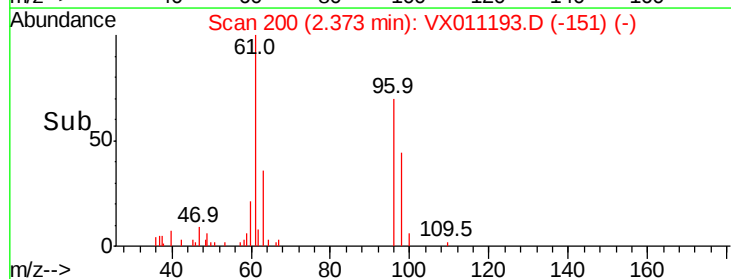
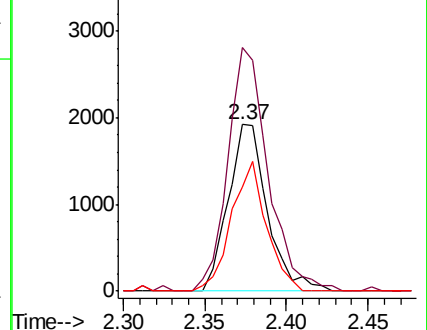
98 62.7 52.2 78.2

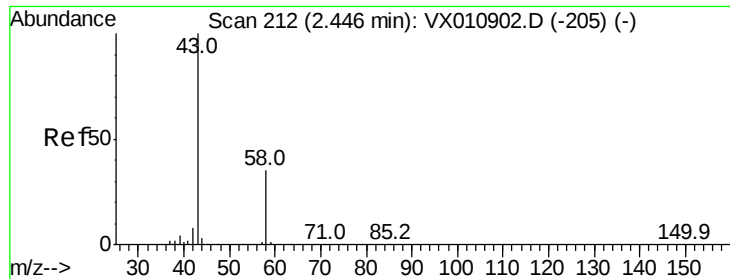


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 3.326 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

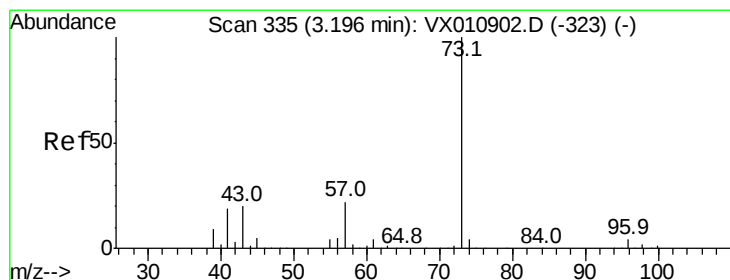
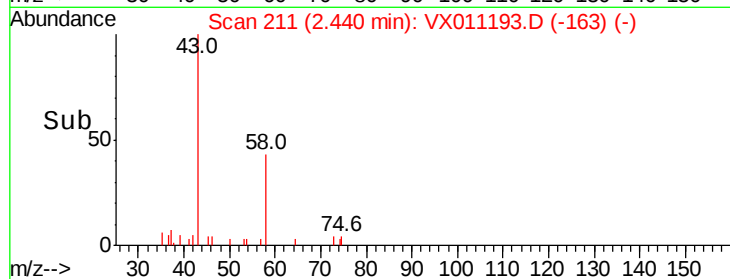
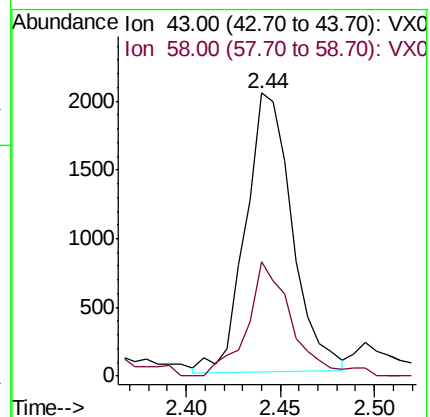
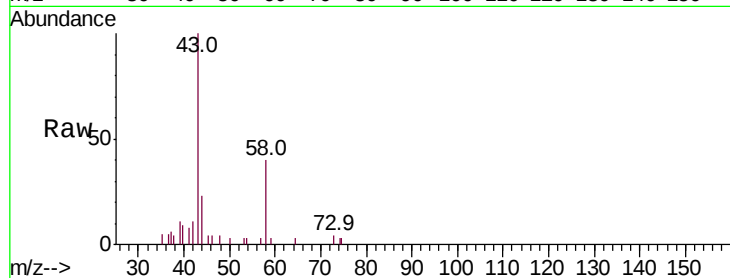
BP-VPB203-GW-318-320

Tot Ion: 43 Resp: 3502

Ion Ratio Lower Upper

43 100

58 41.4 27.7 41.5



#19

Methyl tert-butyl Ether

Concen: 0.267 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX011193.D

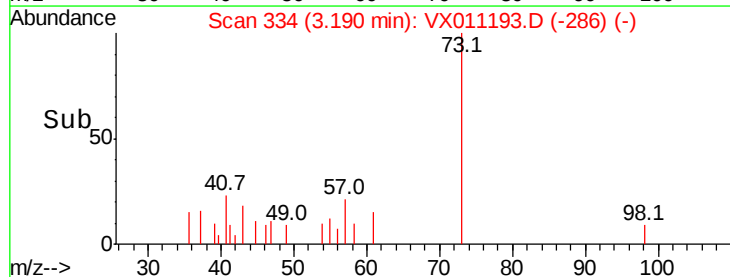
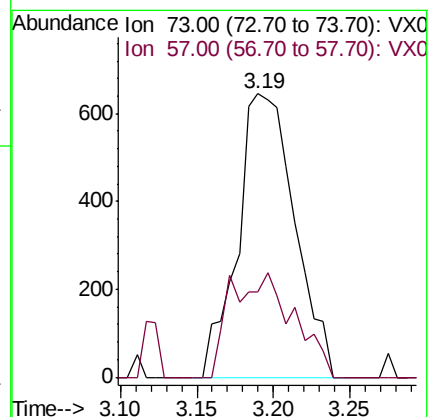
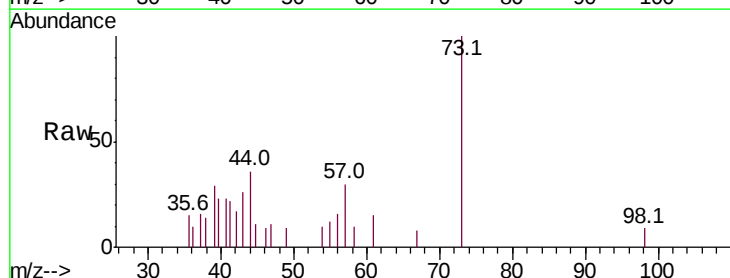
Acq: 30 Jul 2019 14:33

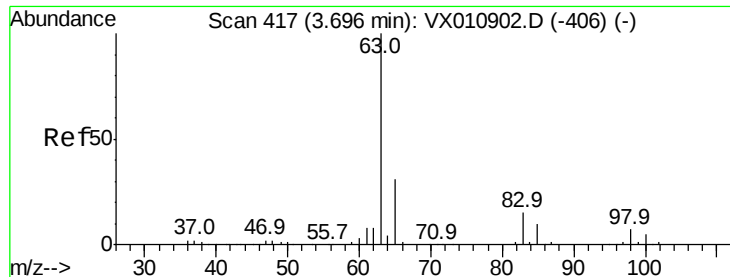
Tgt Ion: 73 Resp: 1676

Ion Ratio Lower Upper

73 100

57 29.9 17.3 25.9#





#24

1,1-Dichloroethane

Concen: 2.803 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-318-320

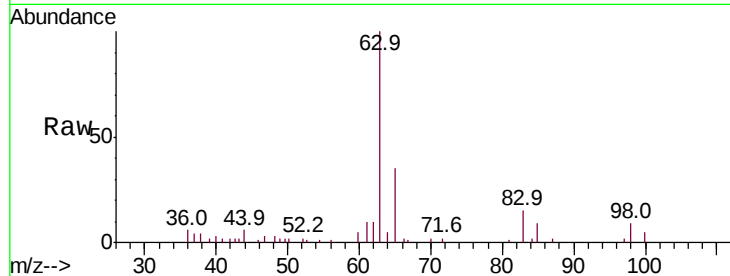
Tot Ion: 63 Resp: 9736

Ion Ratio Lower Upper

63 100

98 8.7 3.6 10.9

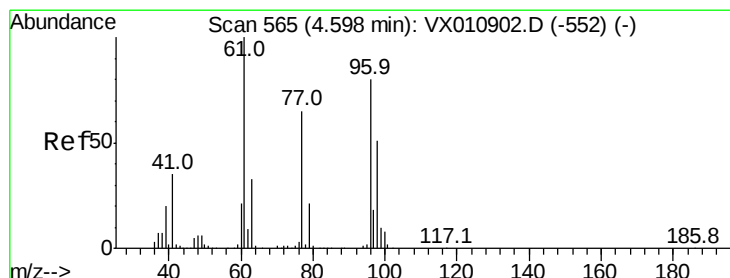
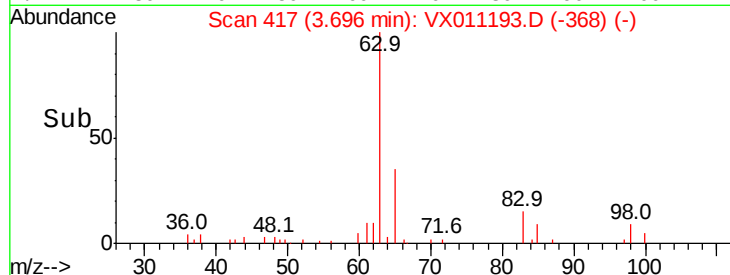
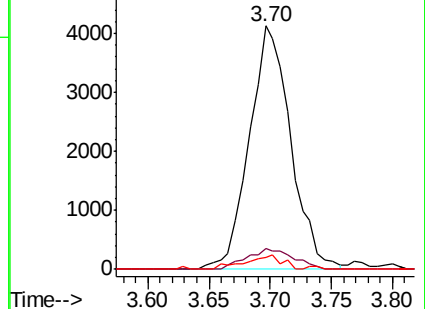
100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.452 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

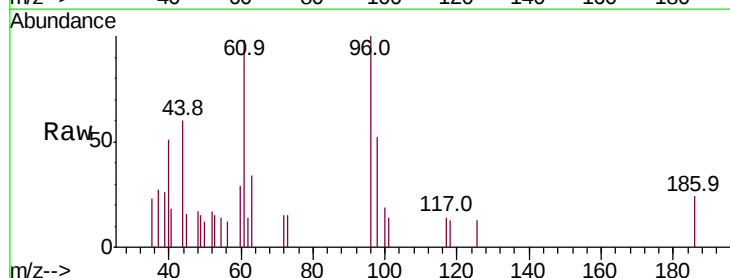
Tgt Ion: 96 Resp: 1083

Ion Ratio Lower Upper

96 100

61 78.8 0.0 269.0

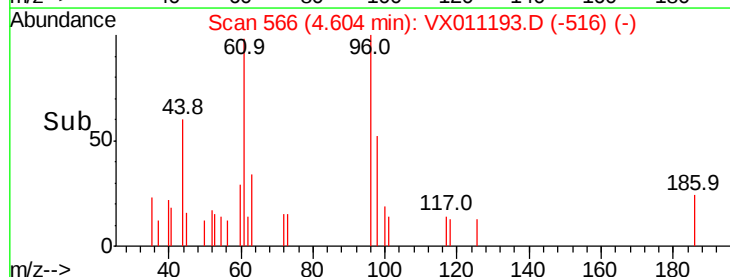
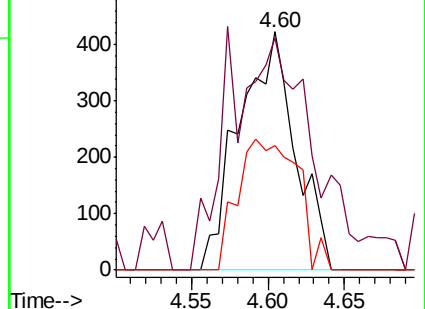
98 58.6 0.0 131.4

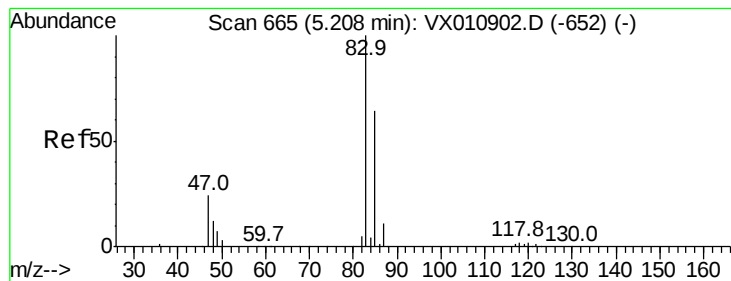


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 0.546 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

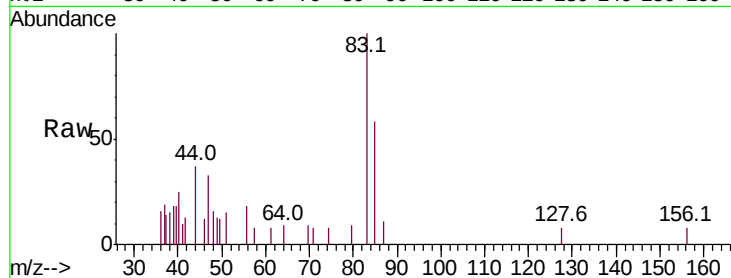
BP-VPB203-GW-318-320

Tot Ion: 83 Resp: 2050

Ion Ratio Lower Upper

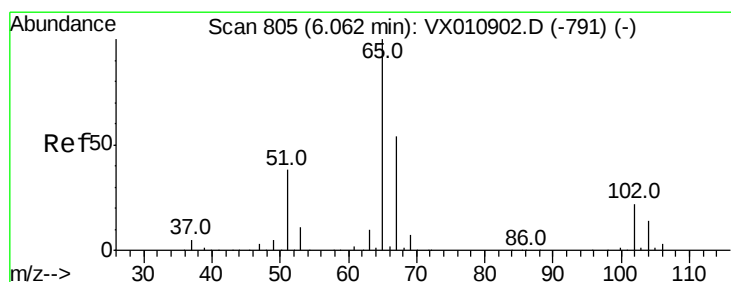
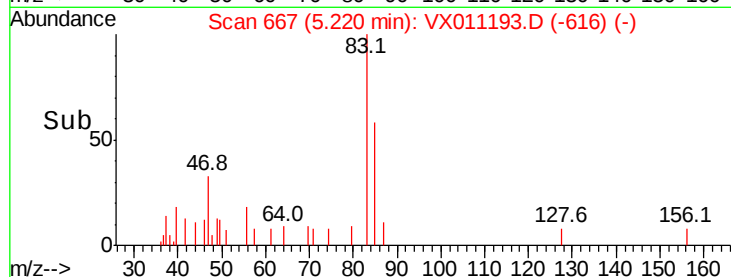
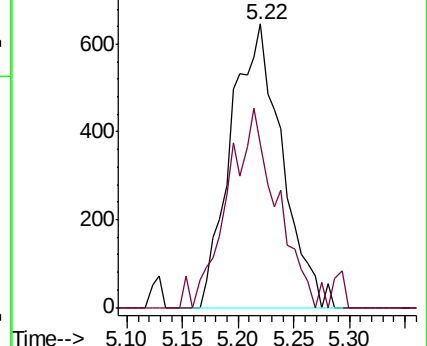
83 100

85 57.6 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.412 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011193.D

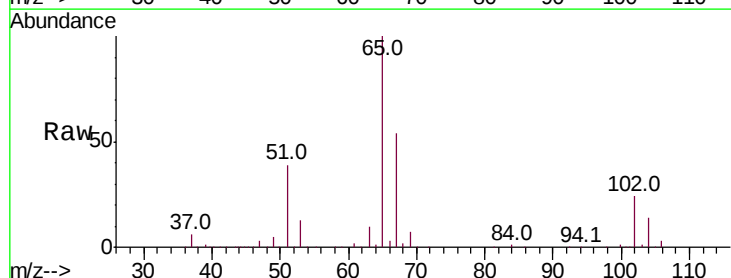
Acq: 30 Jul 2019 14:33

Tgt Ion: 65 Resp: 110536

Ion Ratio Lower Upper

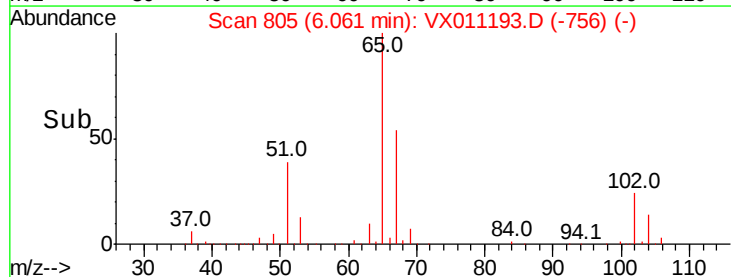
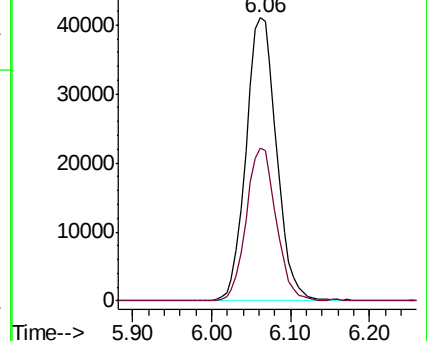
65 100

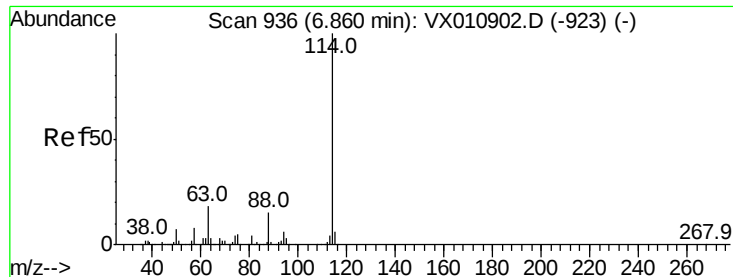
67 52.8 0.0 107.8



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: VX011193.D

Acq: 30 Jul 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-318-320

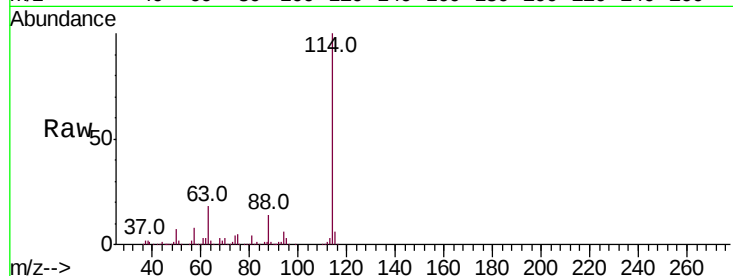
Tot Ion:114 Resp: 321055

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

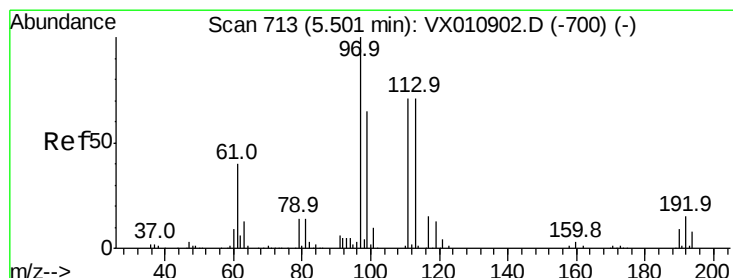
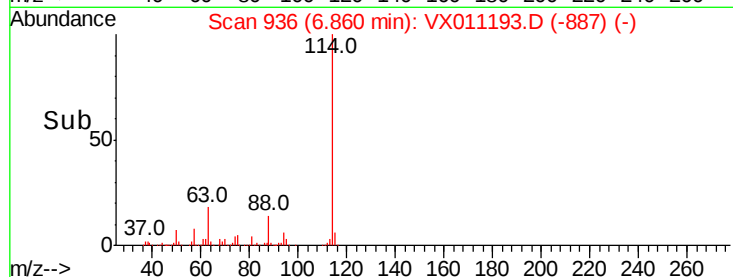
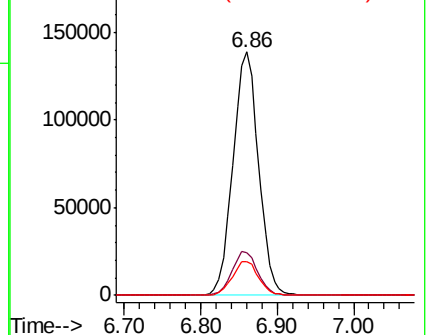
88 14.1 0.0 29.8



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: 47.020 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

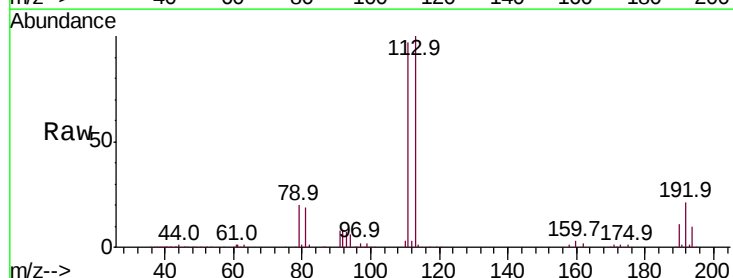
Tgt Ion:113 Resp: 95817

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

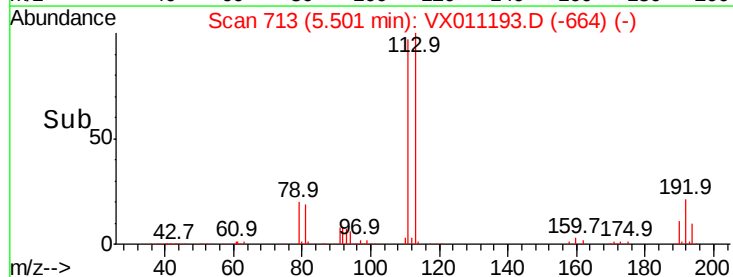
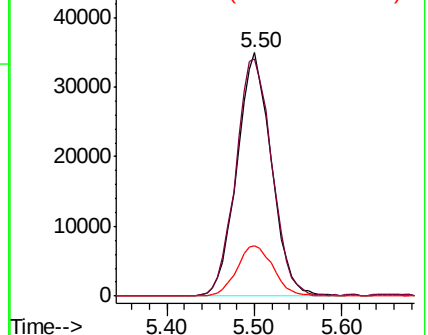
192 21.7 17.4 26.2

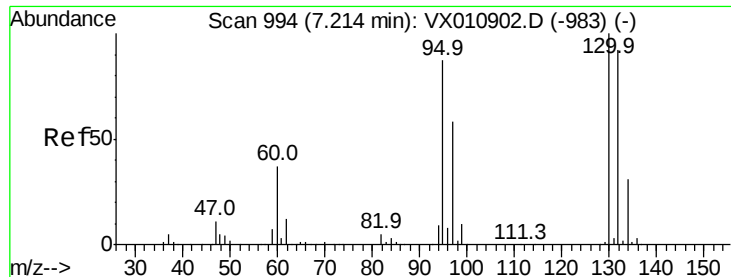


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

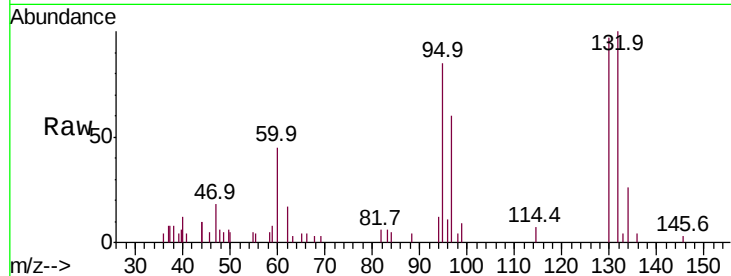




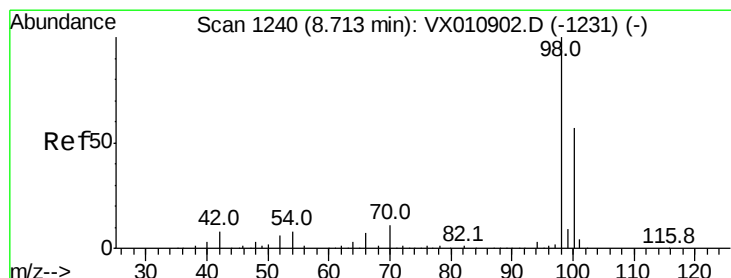
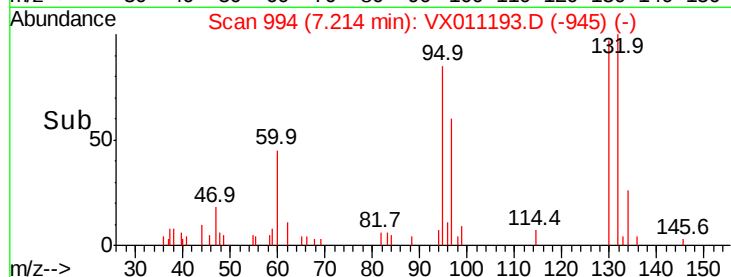
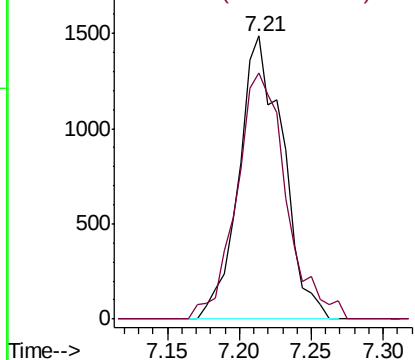
#44
 Trichloroethene
 Concen: 1.312 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011193.D
 Acq: 30 Jul 2019 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-318-320

Tot Ion:130 Resp: 3138
 Ion Ratio Lower Upper
 130 100
 95 87.2 0.0 174.8

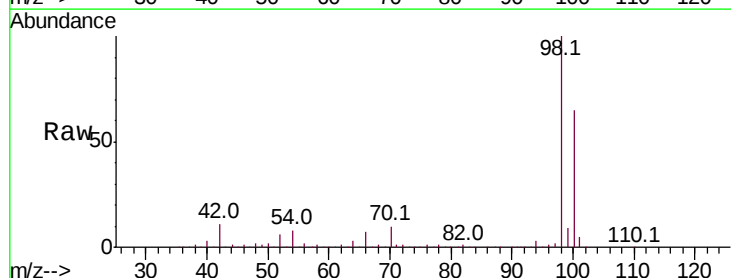


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

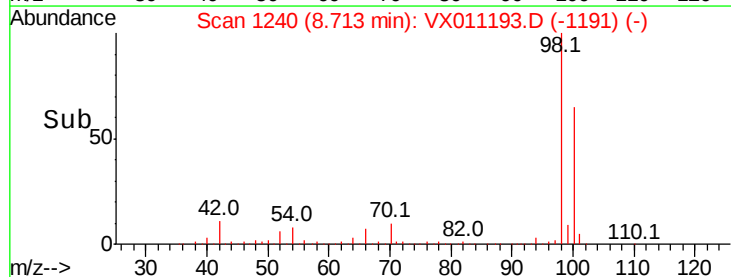
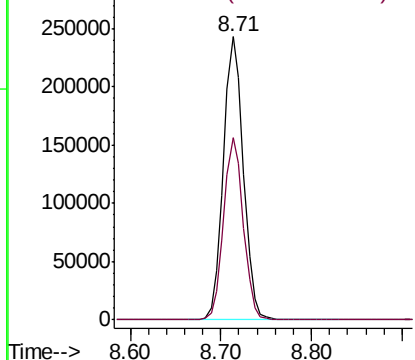


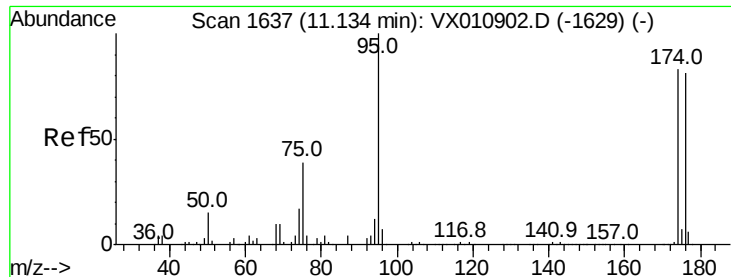
#50
 Toluene-d8
 Concen: 48.815 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011193.D
 Acq: 30 Jul 2019 14:33

Tgt Ion: 98 Resp: 373093
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.548 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-318-320

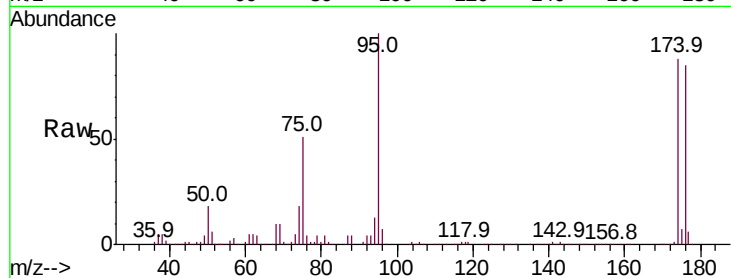
Tot Ion: 95 Resp: 122342

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

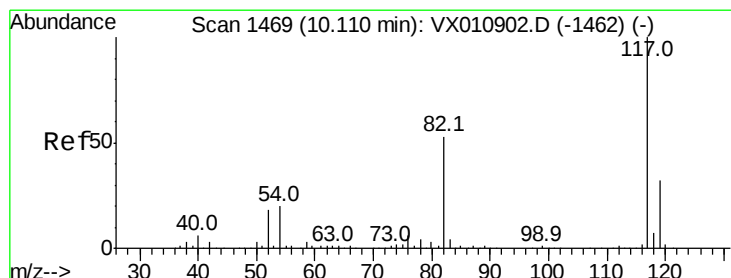
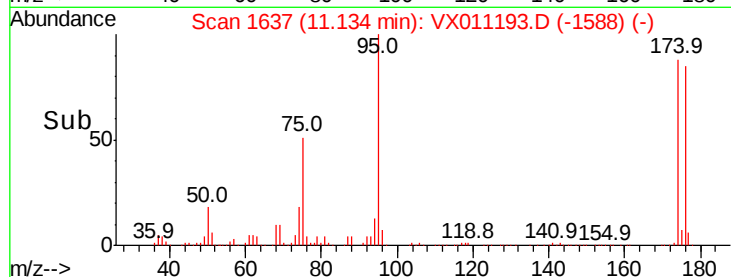
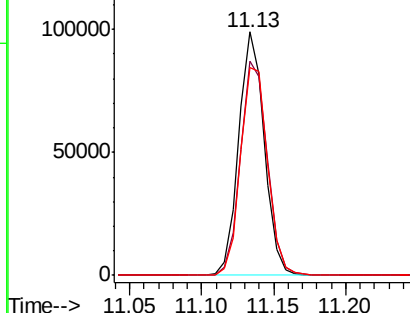
176 90.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011193.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011193.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011193.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011193.D

Acq: 30 Jul 2019 14:33

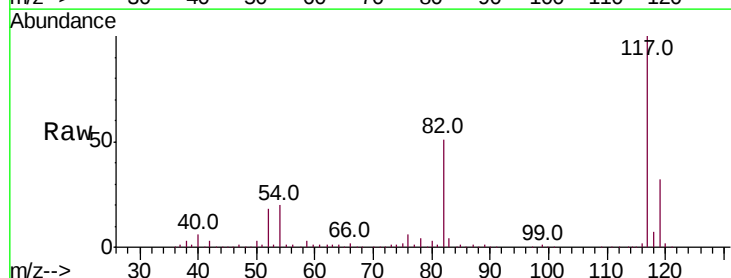
Tgt Ion: 117 Resp: 284749

Ion Ratio Lower Upper

117 100

82 51.3 42.6 63.8

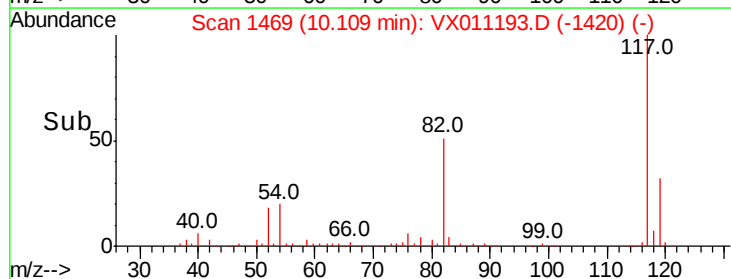
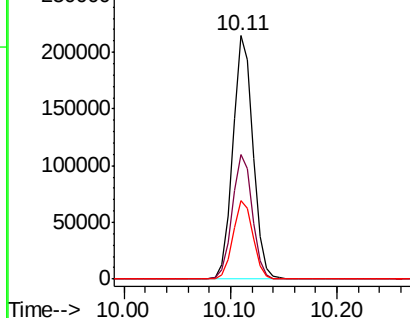
119 32.2 25.9 38.9

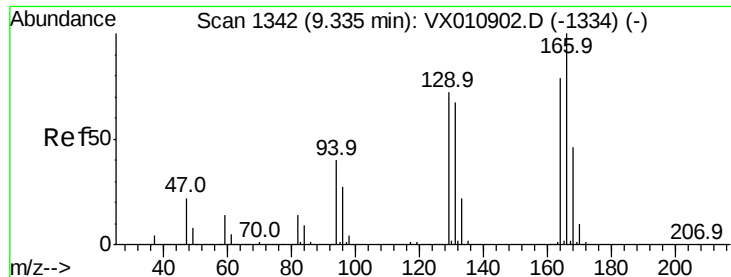


Abundance Ion 116.90 (116.60 to 117.60): VX011193.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011193.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011193.D (-1420) (-)

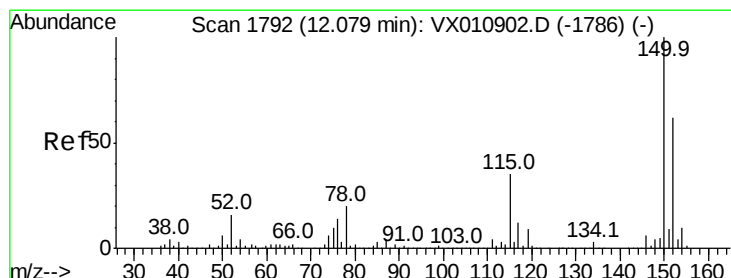
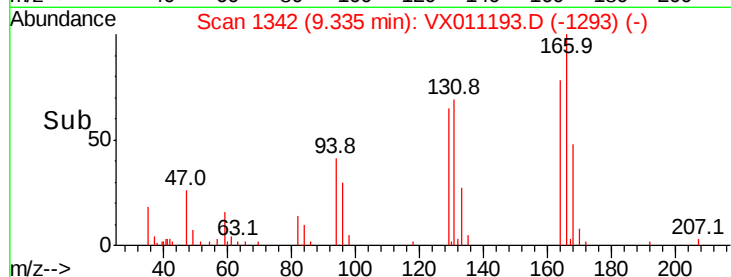
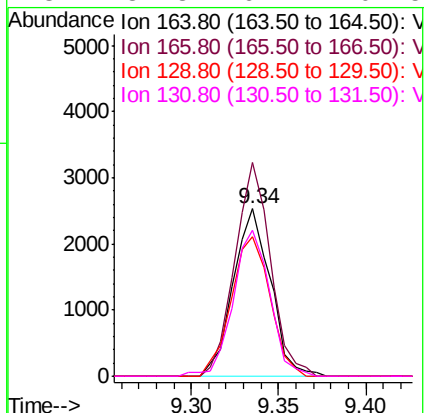
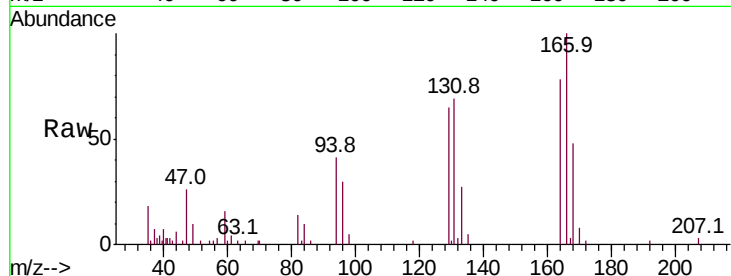




#64
Tetrachloroethene
Concen: 1.675 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011193.D
Acq: 30 Jul 2019 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-318-320

Tot Ion:164 Resp: 3753
Ion Ratio Lower Upper
164 100
166 127.4 100.8 151.2
129 82.9 72.6 109.0
131 87.3 67.7 101.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011193.D
Acq: 30 Jul 2019 14:33

Tgt Ion:152 Resp: 131704
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 156.7 0.0 345.6

