

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011200.D
 Acq On : 30 Jul 2019 17:17
 Operator : JC/SP
 Sample : K4043-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-358-360

Quant Time: Jul 31 08:54:21 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

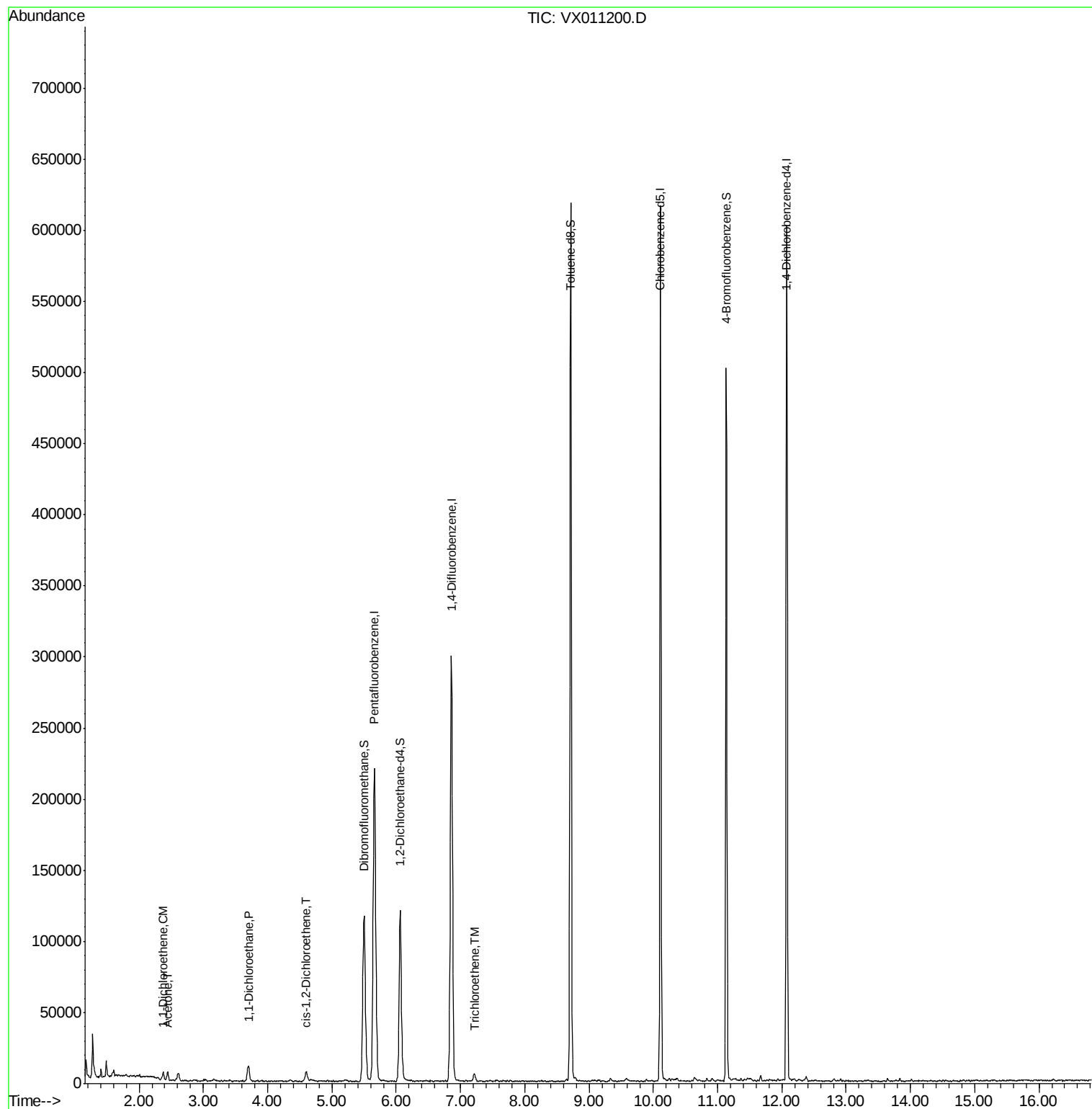
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109166	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
35) Dibromofluoromethane	5.50	113	96840	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	369146	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	120081	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	1840	0.932	ug/l	85
16) Acetone	2.44	43	6358	5.971	ug/l	93
24) 1,1-Dichloroethane	3.70	63	11598	3.302	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	4007	1.653	ug/l	89
44) Trichloroethene	7.23	130	2036	0.859	ug/l	81

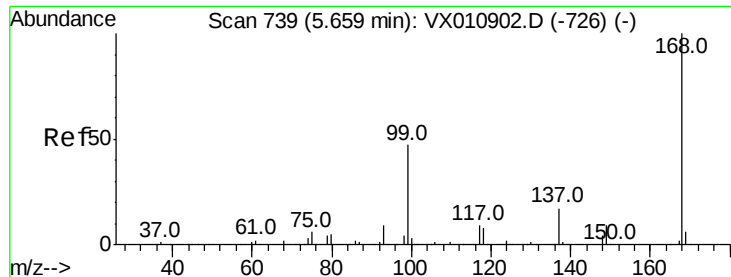
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011200.D

Acq: 30 Jul 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

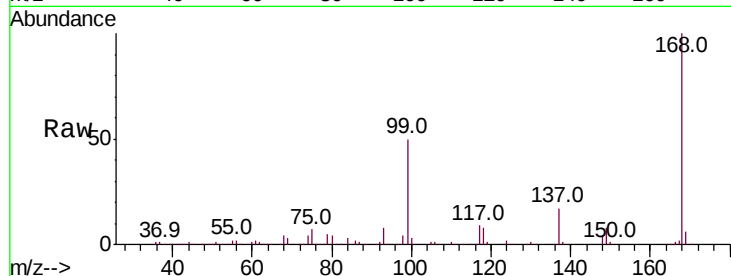
BP-VPB203-GW-358-360

Tot Ion:168 Resp: 221615

Ion Ratio Lower Upper

168 100

99 50.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

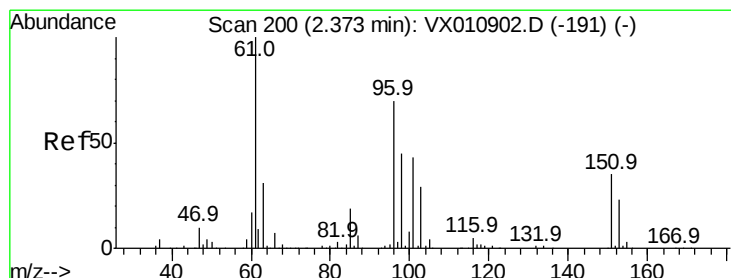
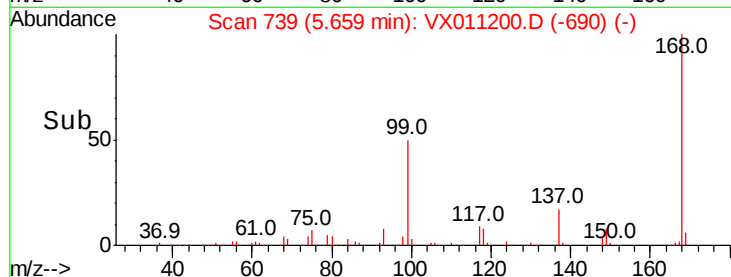
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.932 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

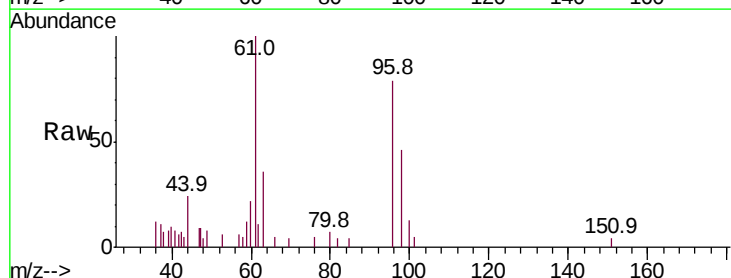
Tgt Ion: 96 Resp: 1840

Ion Ratio Lower Upper

96 100

61 120.6 115.0 172.4

98 58.6 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

2000

1500

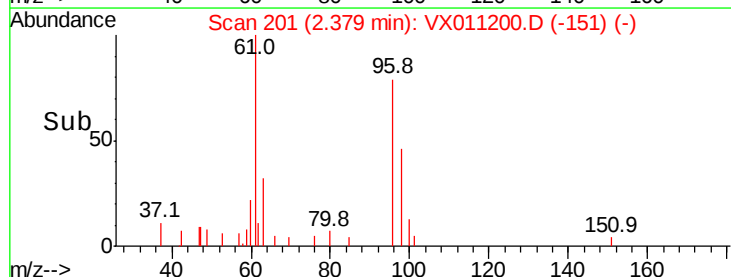
1000

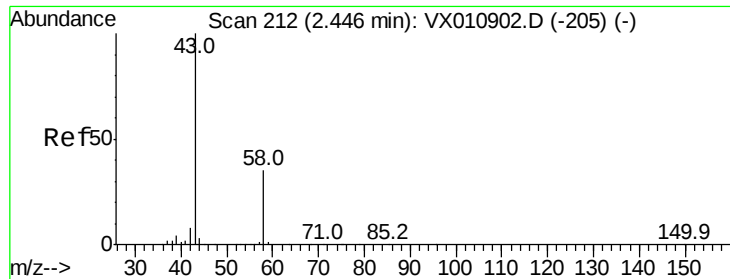
500

0

Time-->

2.35 2.40





#16

Acetone

Concen: 5.971 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

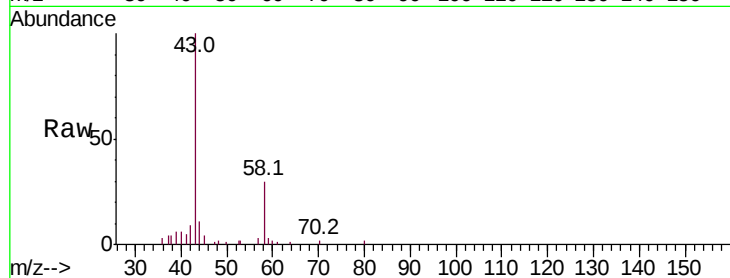
BP-VPB203-GW-358-360

Tot Ion: 43 Resp: 6358

Ion Ratio Lower Upper

43 100

58 30.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

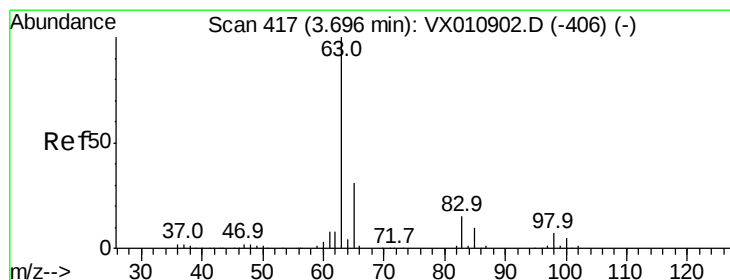
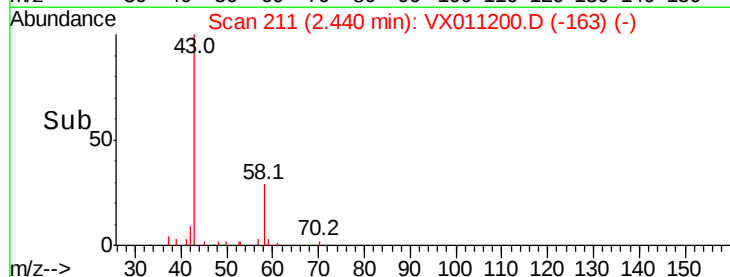
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50



#24

1,1-Dichloroethane

Concen: 3.302 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

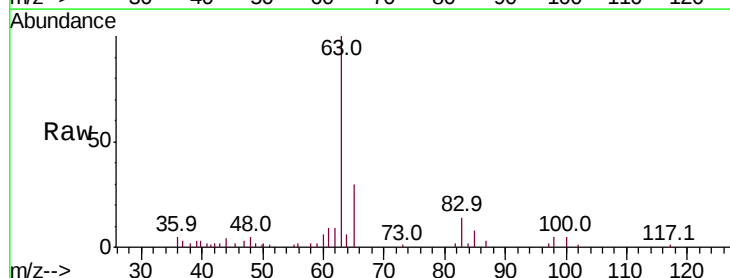
Tgt Ion: 63 Resp: 11598

Ion Ratio Lower Upper

63 100

98 4.6 3.6 10.9

100 4.8 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

3.70

6000

5000

4000

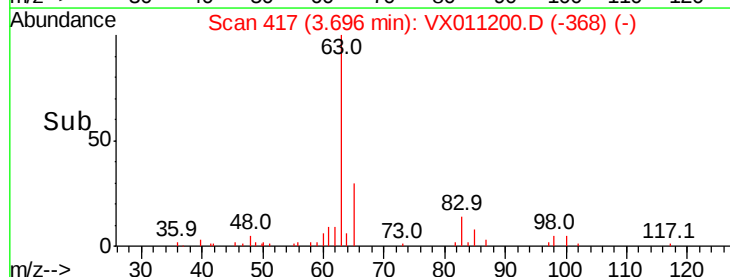
3000

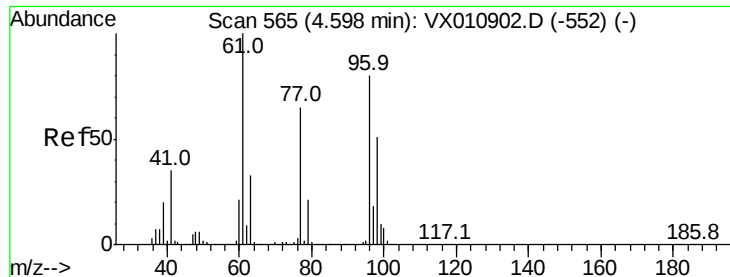
2000

1000

0

Time--> 3.60 3.70 3.80



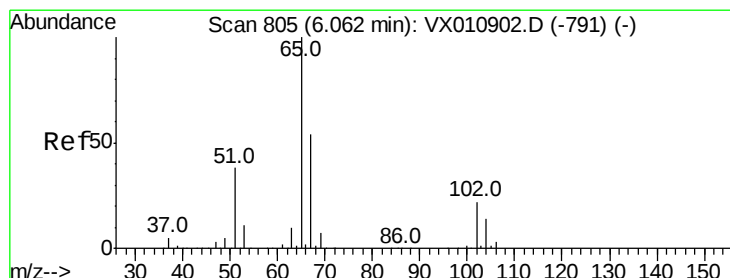
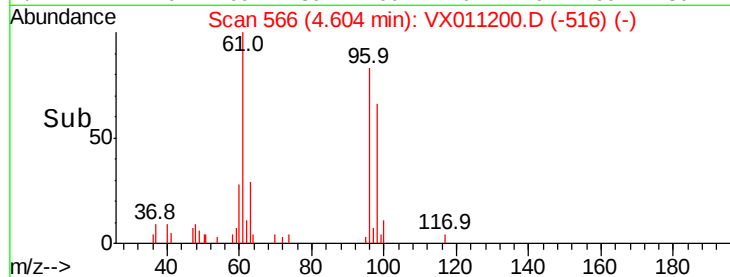
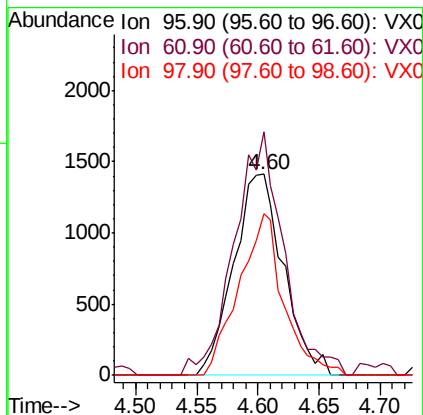
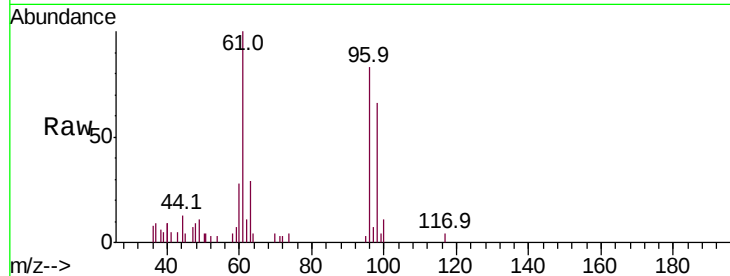


#27

cis-1,2-Dichloroethene
Concen: 1.653 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX011200.D
Acq: 30 Jul 2019 17:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-358-360

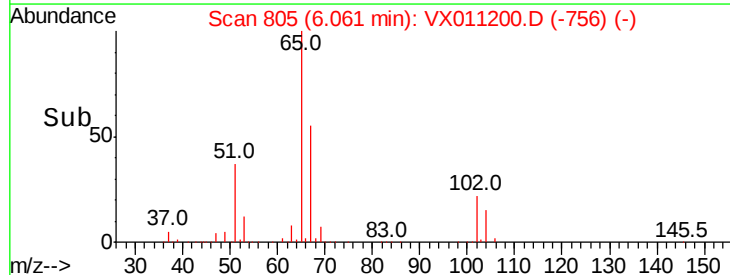
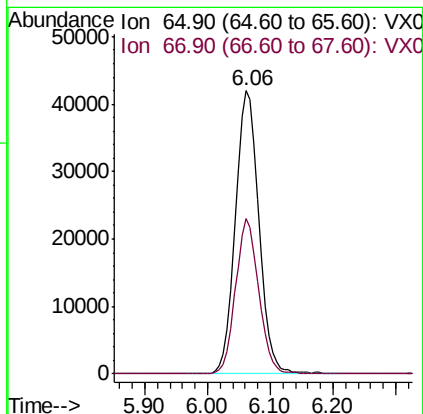
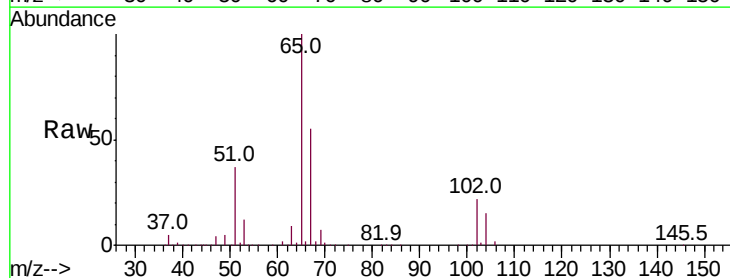
Tot Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	269.0
98	72.2	0.0	131.4

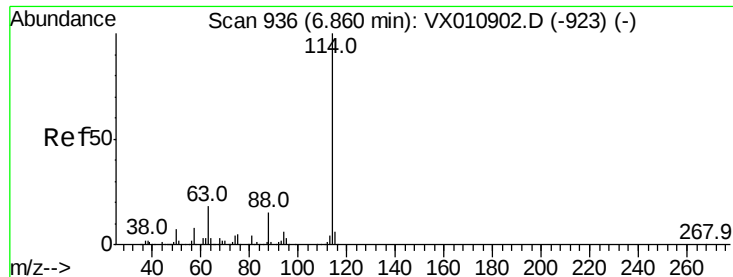


#33

1,2-Dichloroethane-d4
Concen: 46.303 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011200.D
Acq: 30 Jul 2019 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-358-360

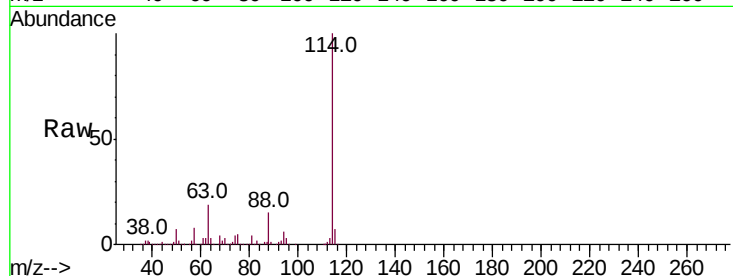
Tot Ion:114 Resp: 318109

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

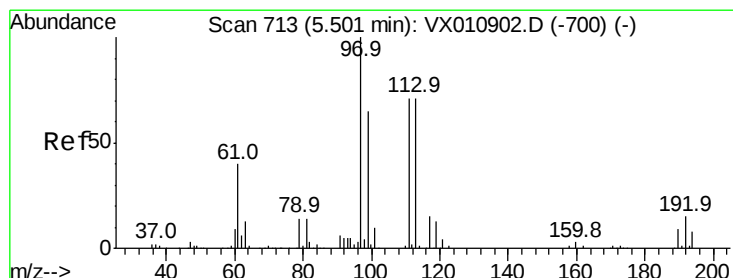
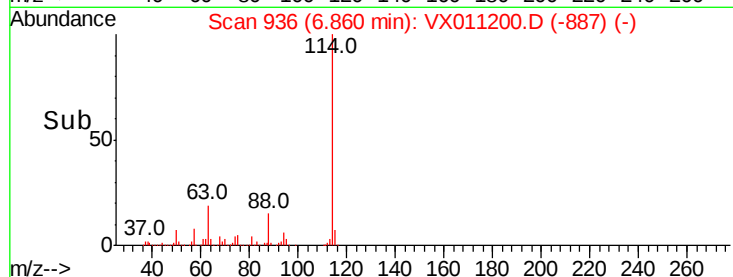
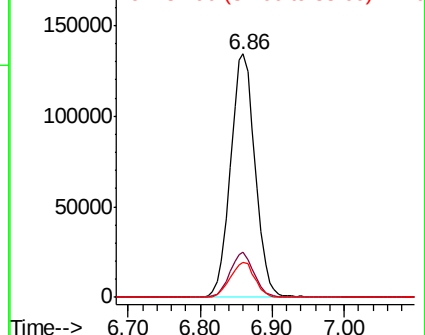
88 14.6 0.0 29.8



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: 47.962 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

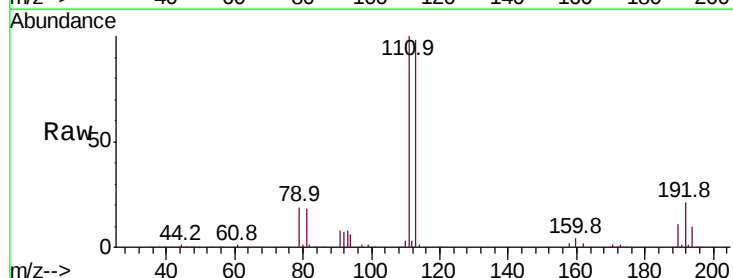
Tgt Ion:113 Resp: 96840

Ion Ratio Lower Upper

113 100

111 100.1 82.3 123.5

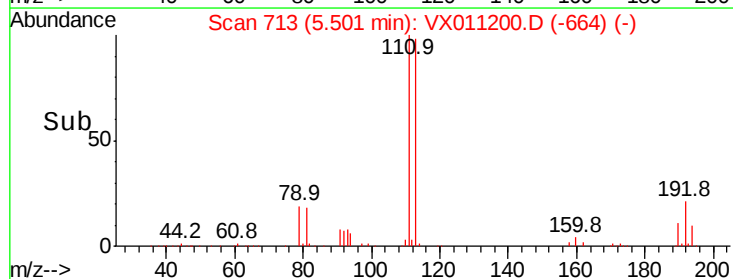
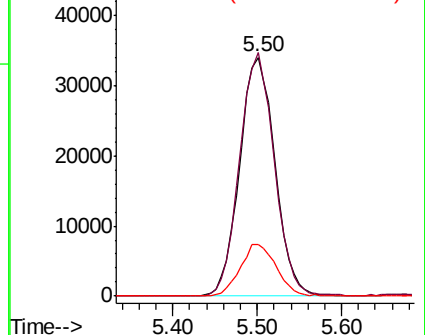
192 22.1 17.4 26.2

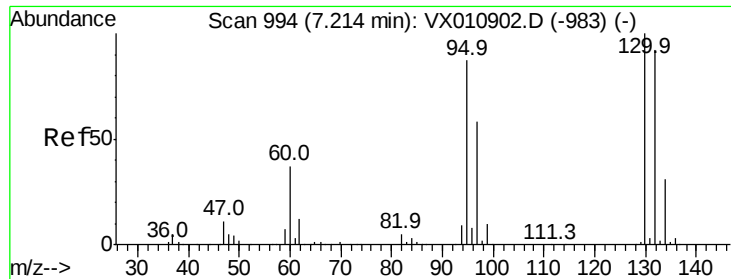


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

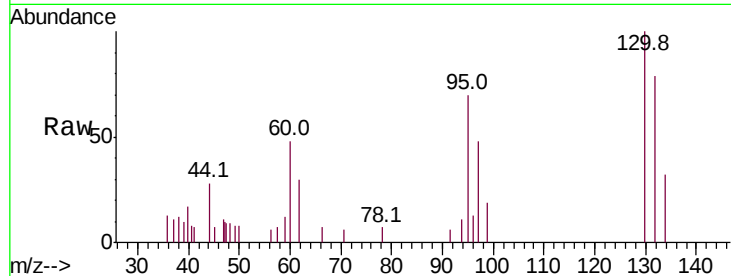




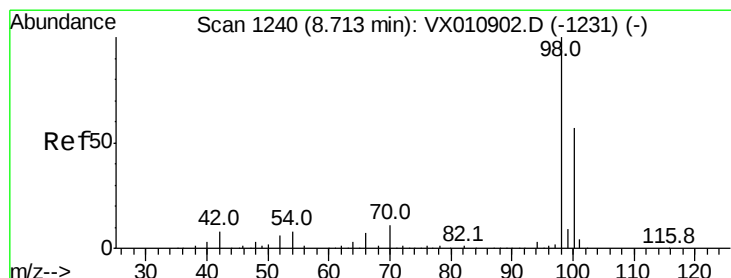
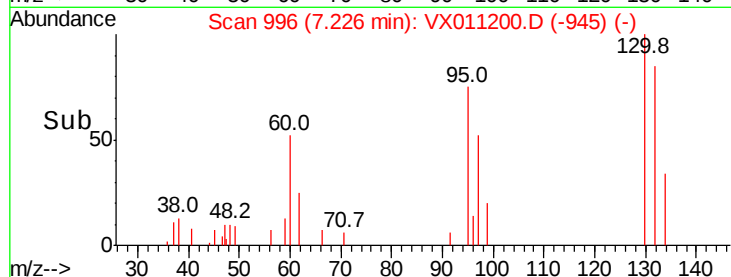
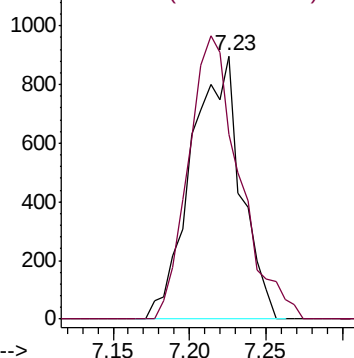
#44
 Trichloroethene
 Concen: 0.859 ug/l
 RT: 7.23 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VX011200.D
 Acq: 30 Jul 2019 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-358-360

Tot Ion:130 Resp: 2036
 Ion Ratio Lower Upper
 130 100
 95 70.0 0.0 174.8

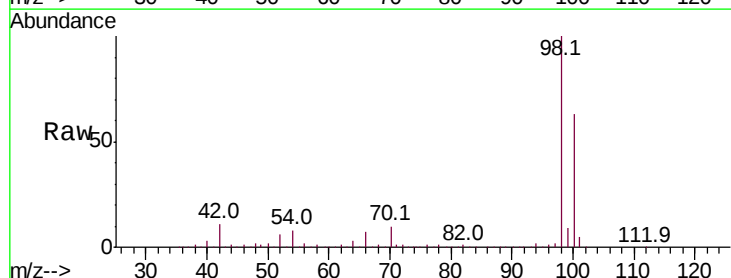


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

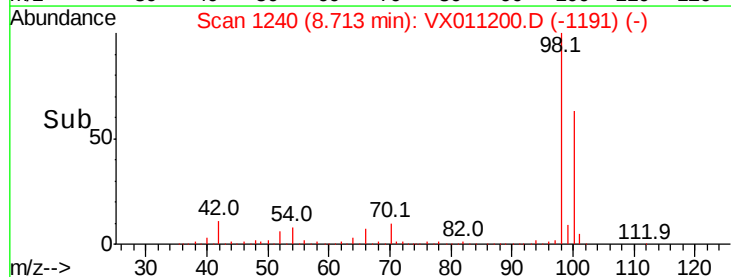
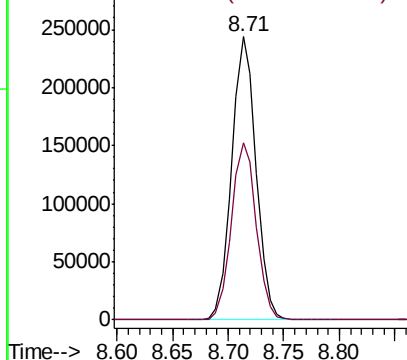


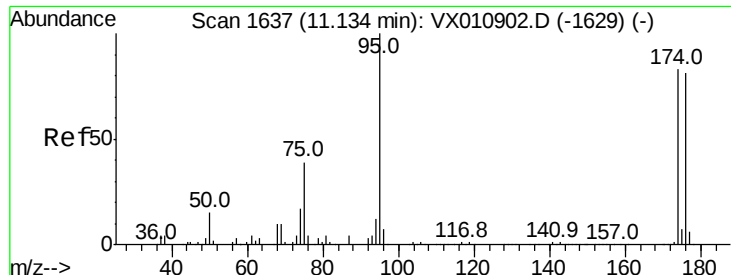
#50
 Toluene-d8
 Concen: 48.745 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011200.D
 Acq: 30 Jul 2019 17:17

Tgt Ion: 98 Resp: 369146
 Ion Ratio Lower Upper
 98 100
 100 64.0 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: 43.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-358-360

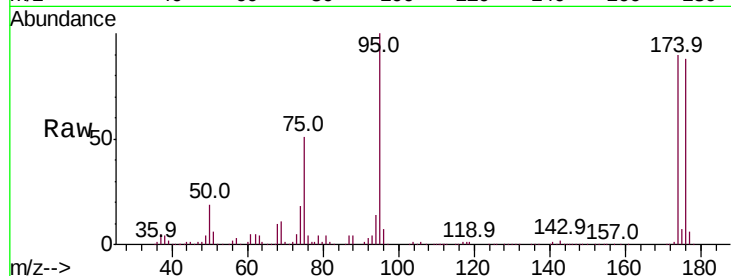
Tot Ion: 95 Resp: 120081

Ion Ratio Lower Upper

95 100

174 94.0 0.0 180.6

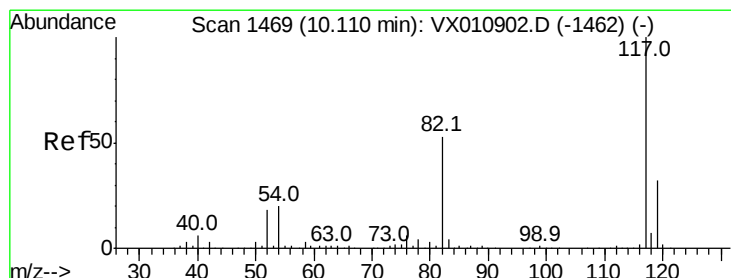
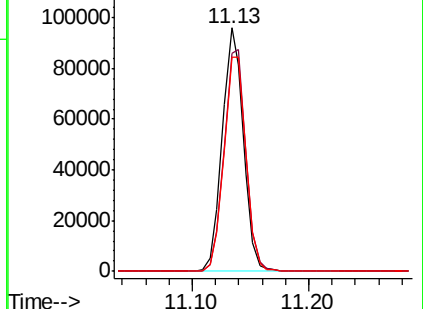
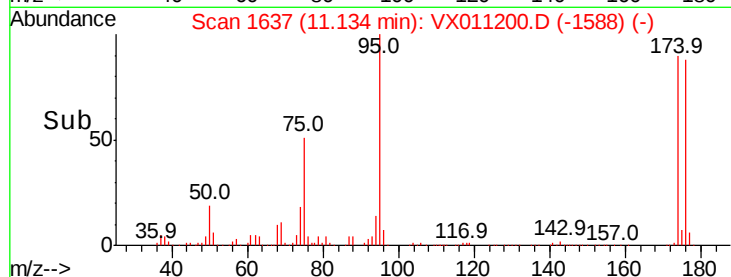
176 92.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011200.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011200.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011200.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011200.D

Acq: 30 Jul 2019 17:17

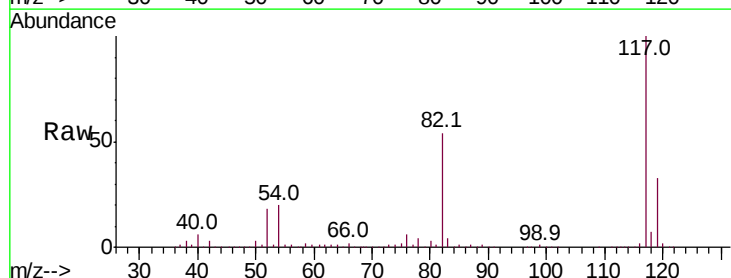
Tgt Ion: 117 Resp: 278659

Ion Ratio Lower Upper

117 100

82 54.1 42.6 63.8

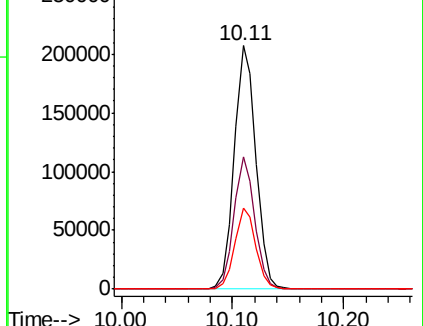
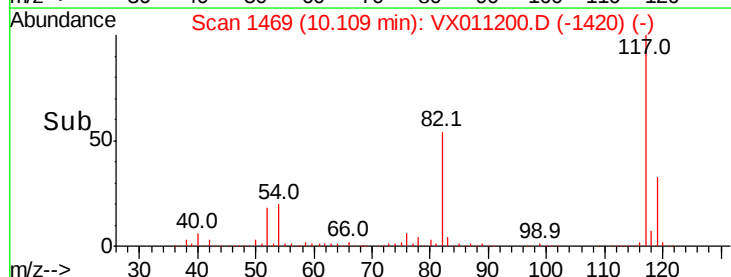
119 33.3 25.9 38.9

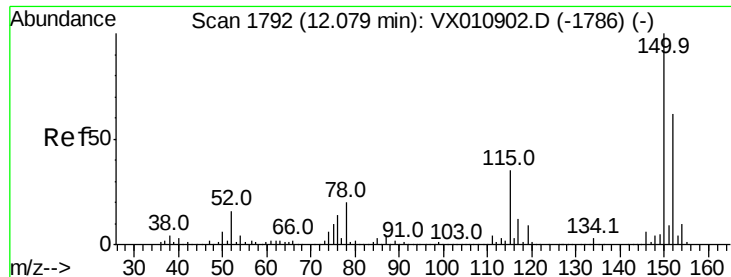


Abundance Ion 116.90 (116.60 to 117.60): VX011200.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011200.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011200.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011200.D
 Acq: 30 Jul 2019 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-358-360

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.7	119.1
150	159.3	0.0	345.6

