

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015705.D
 Acq On : 16 Apr 2020 12:37
 Operator : JC/SP
 Sample : L2276-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-TB-20200409

Quant Time: Apr 17 07:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

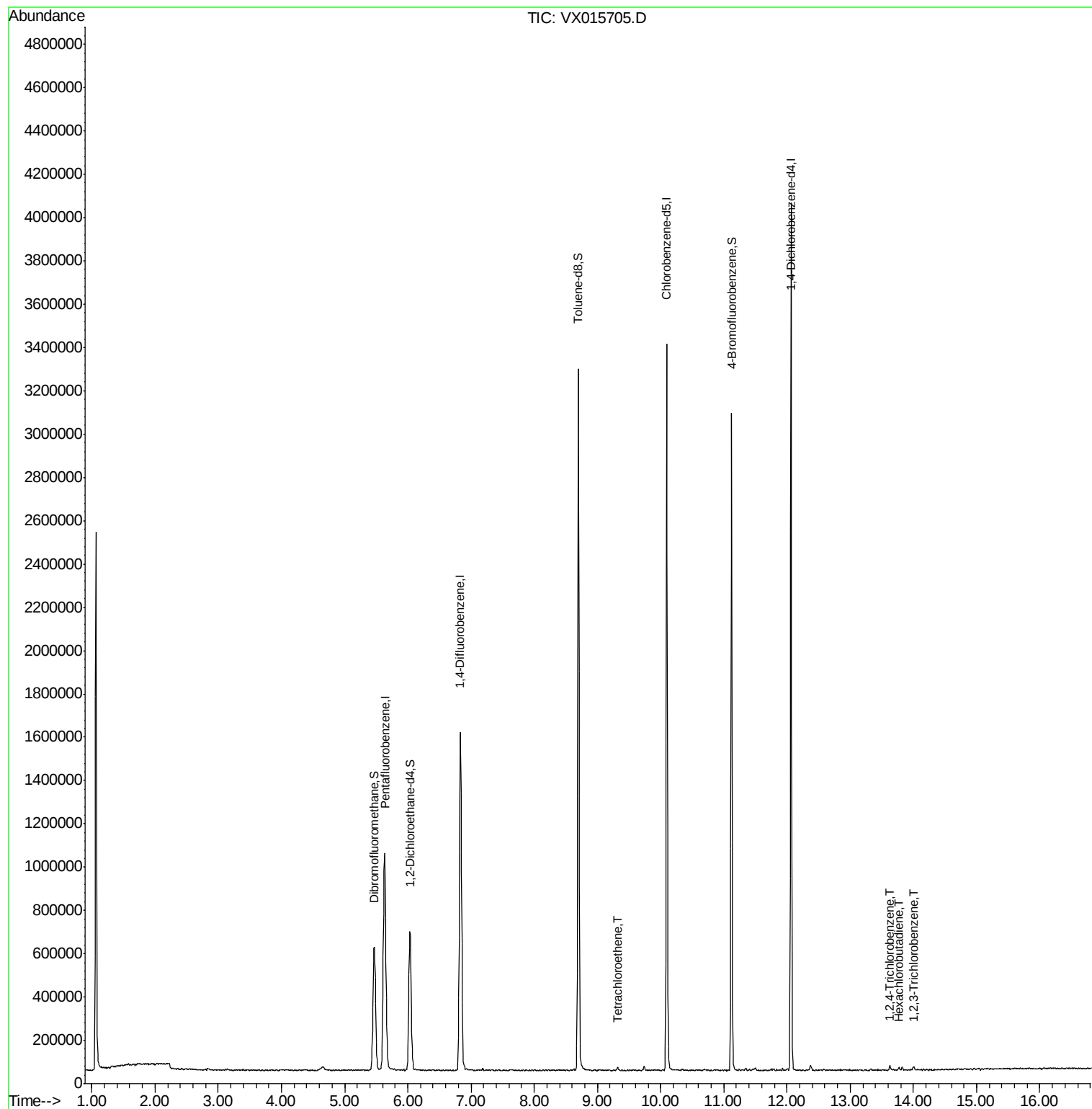
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1053141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1610759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1500002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	808265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	624398	42.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.08%	
35) Dibromofluoromethane	5.47	113	484128	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.70	98	1901213	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	785372	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
Target Compounds						
64) Tetrachloroethene	9.32	164	3781	0.334	ug/l #	74
93) 1,2,4-Trichlorobenzene	13.63	180	5562	0.284	ug/l	98
94) Hexachlorobutadiene	13.76	225	3302	0.354	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	4806	0.255	ug/l	97

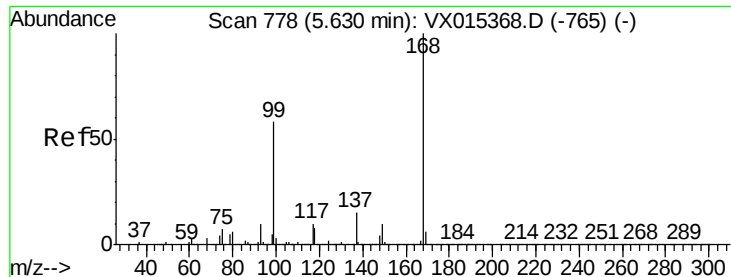
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041620\
Data File : VX015705.D
Acq On : 16 Apr 2020 12:37
Operator : JC/SP
Sample : L2276-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-TB-20200409

Quant Time: Apr 17 07:23:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015705.D

Acq: 16 Apr 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

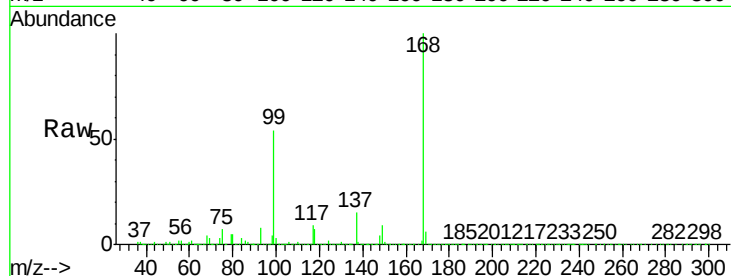
BP-VPB180-TB-20200409

Tot Ion:168 Resp: 1053141

Ion Ratio Lower Upper

168 100

99 53.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

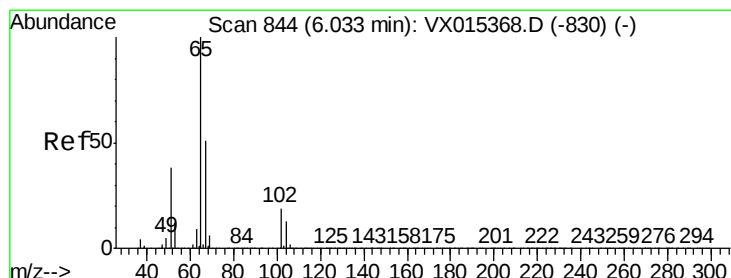
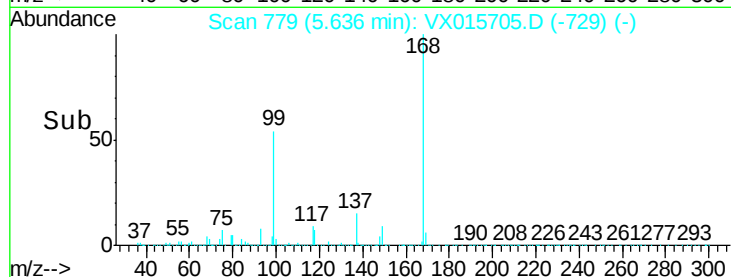
300000

200000

100000

0

Time--> 5.40 5.60 5.80



#33

1,2-Dichloroethane-d4

Concen: 42.037 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015705.D

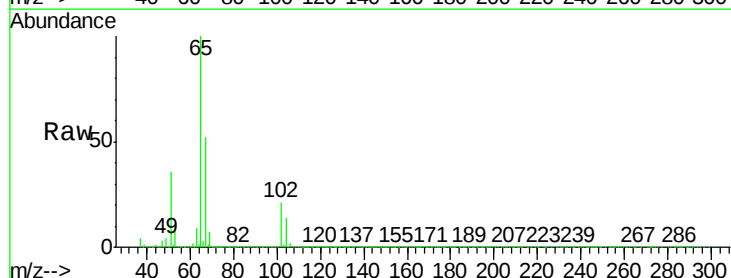
Acq: 16 Apr 2020 12:37

Tgt Ion: 65 Resp: 624398

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

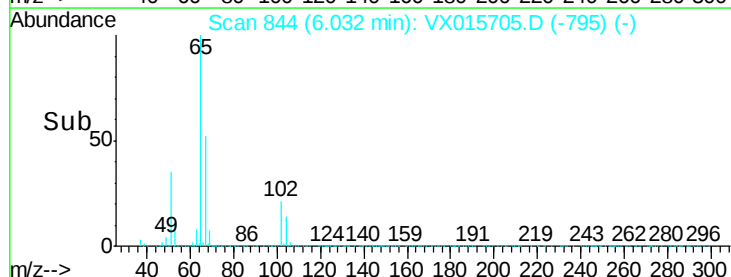
150000

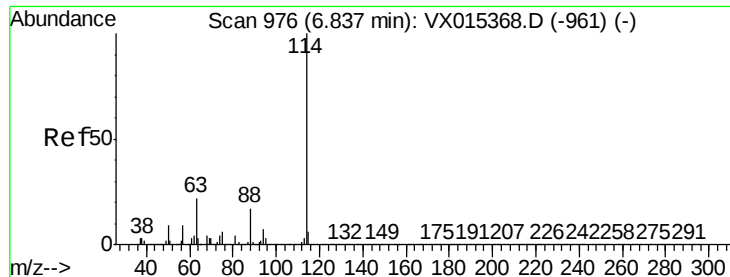
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

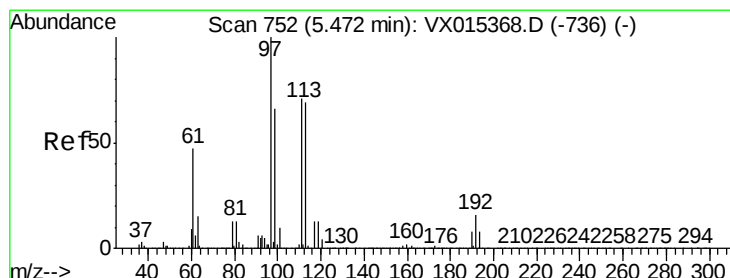
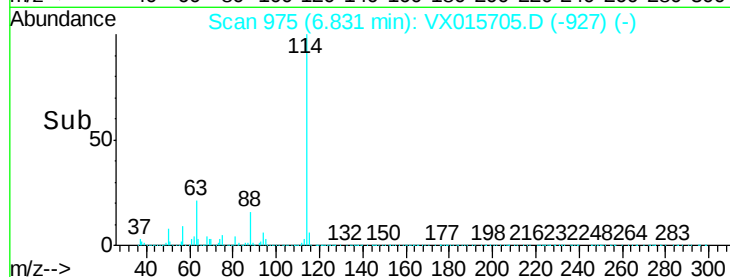
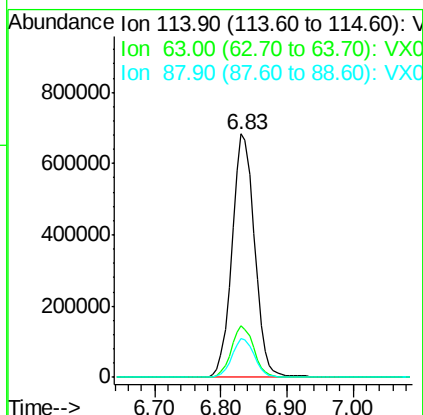
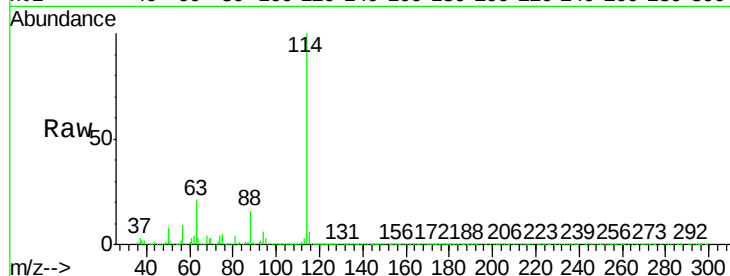




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015705.D
 Acq: 16 Apr 2020 12:37

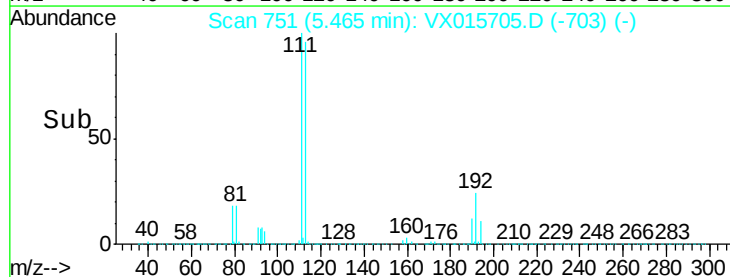
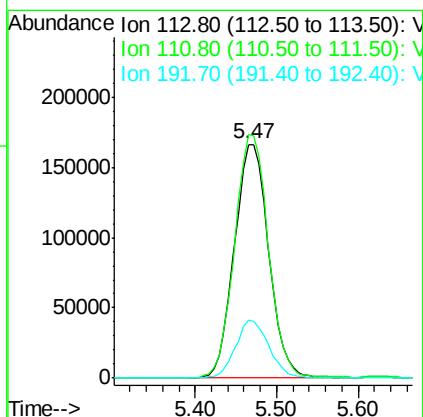
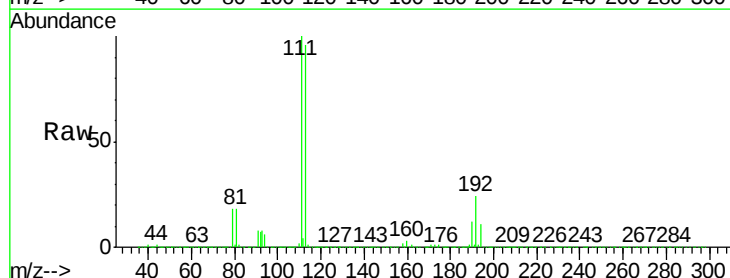
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-TB-20200409

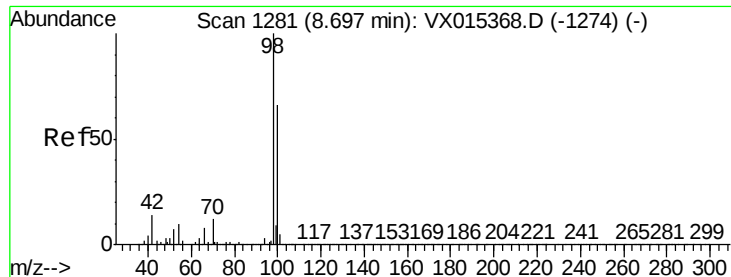
Tot Ion:114 Resp: 1610759
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 47.019 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015705.D
 Acq: 16 Apr 2020 12:37

Tgt Ion:113 Resp: 484128
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.5 122.3
 192 23.8 17.8 26.6





#50

Toluene-d8

Concen: 50.152 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015705.D

Acq: 16 Apr 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

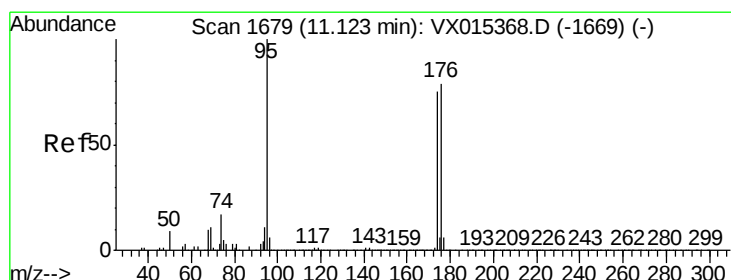
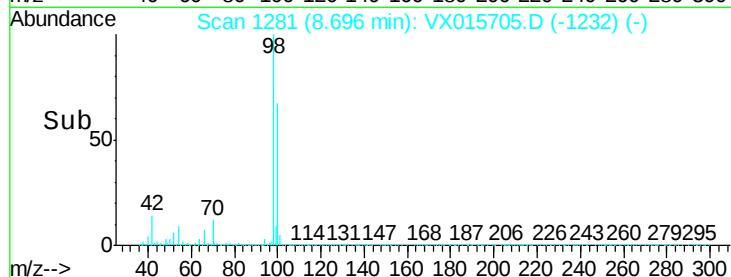
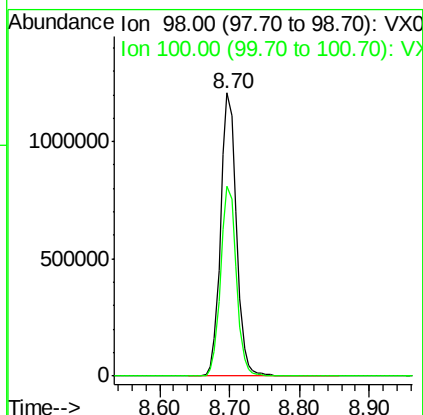
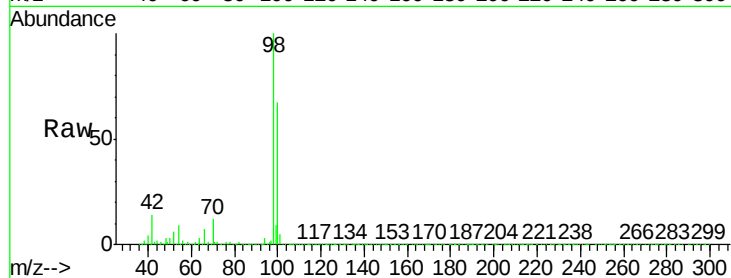
BP-VPB180-TB-20200409

Tot Ion: 98 Resp: 1901213

Ion Ratio Lower Upper

98 100

100 66.9 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 50.978 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015705.D

Acq: 16 Apr 2020 12:37

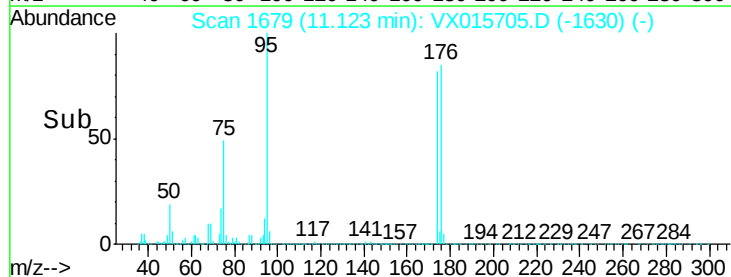
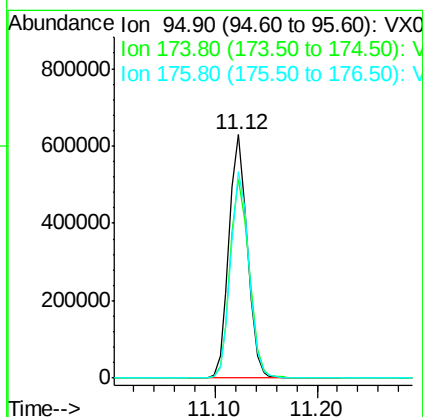
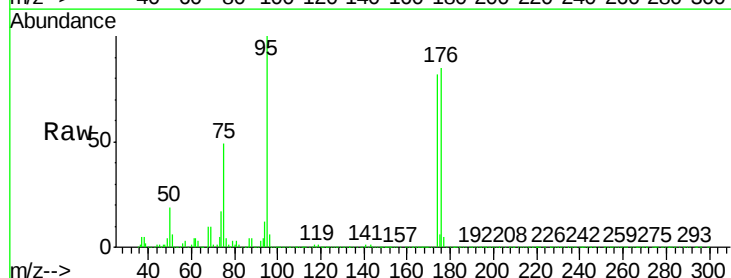
Tgt Ion: 95 Resp: 785372

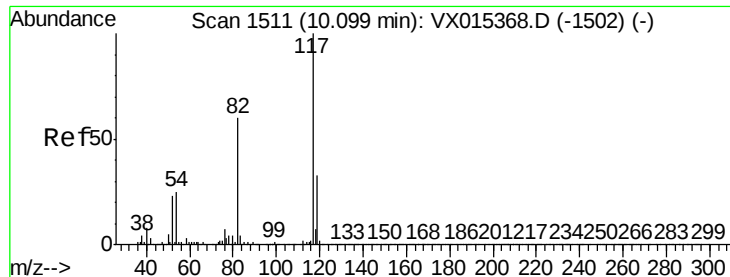
Ion Ratio Lower Upper

95 100

174 84.3 0.0 158.6

176 84.4 0.0 159.0

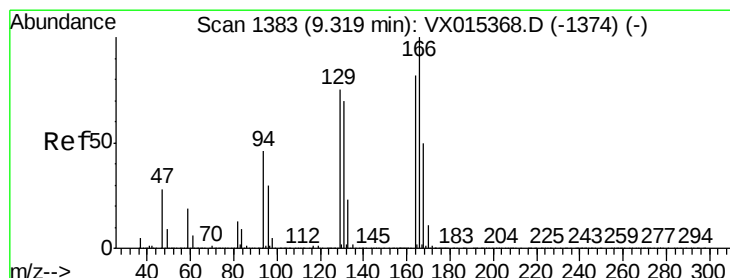
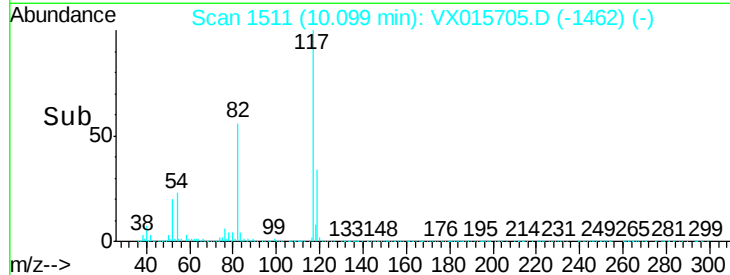
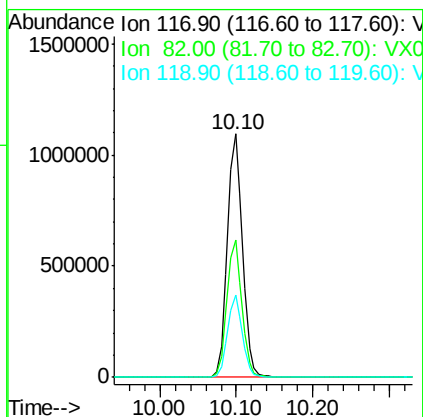
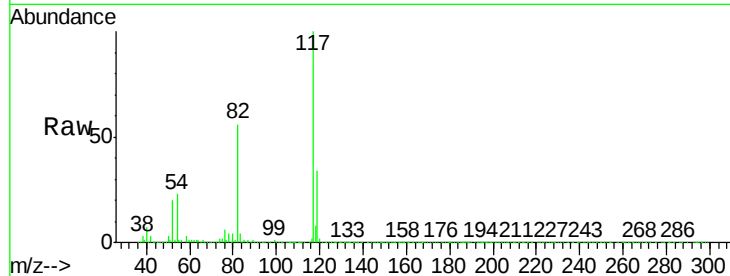




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015705.D
Acq: 16 Apr 2020 12:37

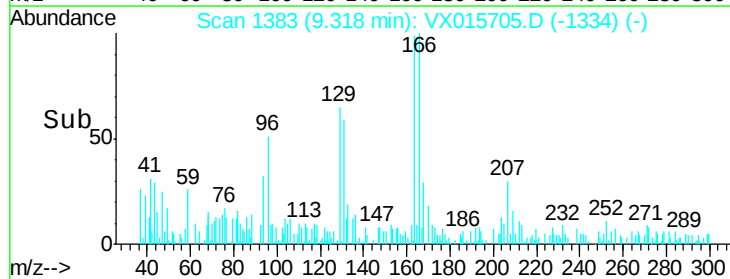
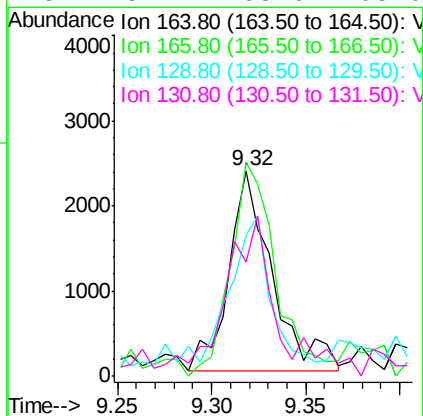
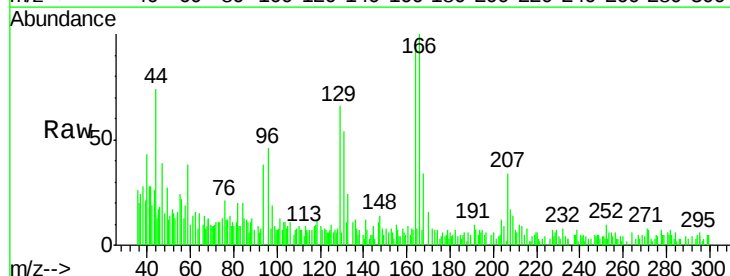
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-TB-20200409

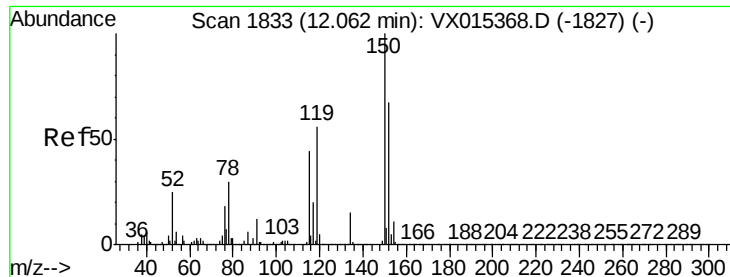
Tot Ion:117 Resp: 1500002
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.8
119 33.9 26.8 40.2



#64
Tetrachloroethene
Concen: 0.334 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015705.D
Acq: 16 Apr 2020 12:37

Tgt Ion:164 Resp: 3781
Ion Ratio Lower Upper
164 100
166 109.8 97.8 146.6
129 57.1 73.0 109.4#
131 52.1 68.6 103.0#

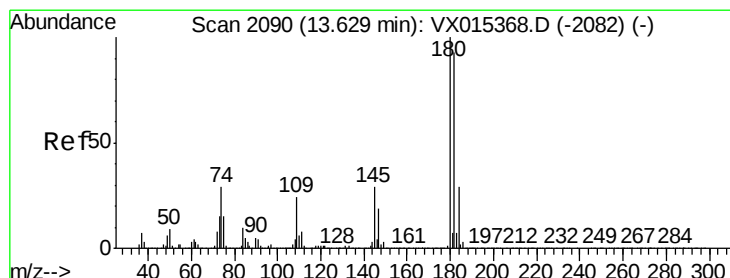
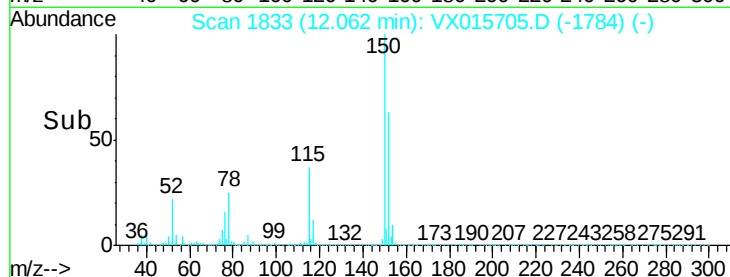
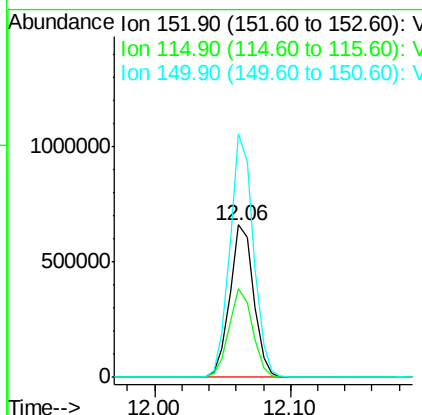
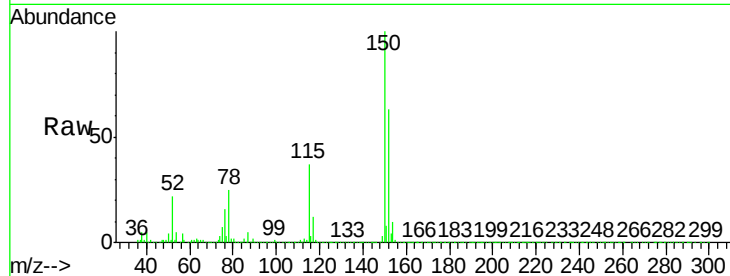




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015705.D
 Acq: 16 Apr 2020 12:37

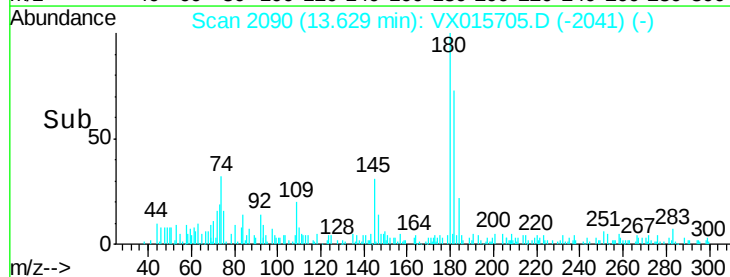
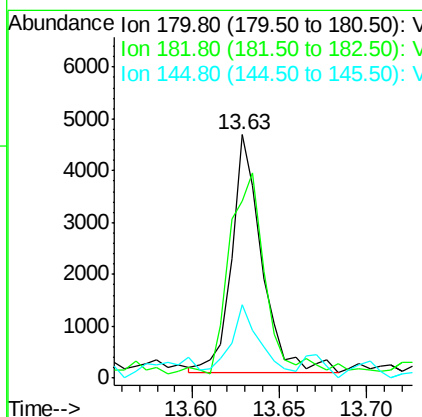
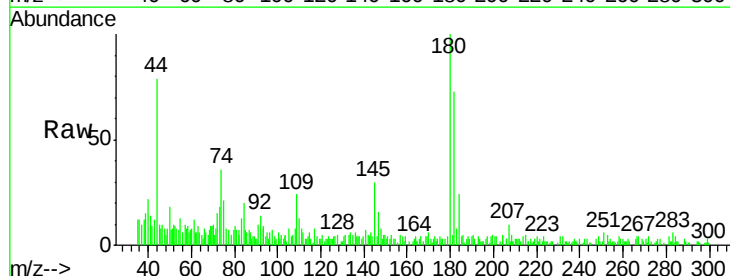
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-TB-20200409

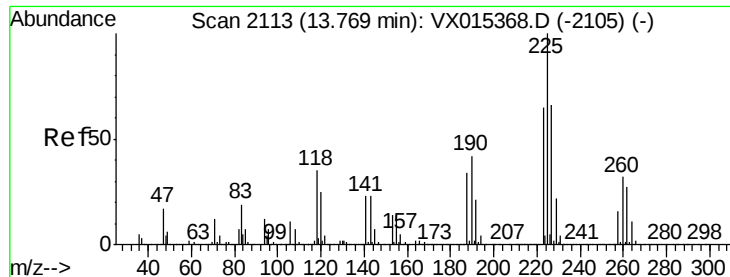
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.0	116.9
150	156.6	0.0	340.8



#93
 1,2,4-Trichlorobenzene
 Concen: 0.284 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015705.D
 Acq: 16 Apr 2020 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.7
145	25.8	14.9	44.5





#94

Hexachlorobutadiene

Concen: 0.354 ug/l

RT: 13.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: VX015705.D

Acq: 16 Apr 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-TB-20200409

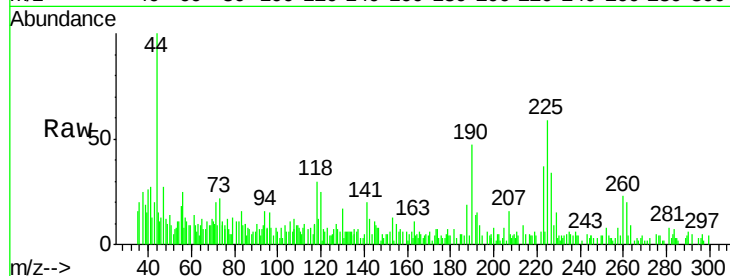
Tot Ion:225 Resp: 3302

Ion Ratio Lower Upper

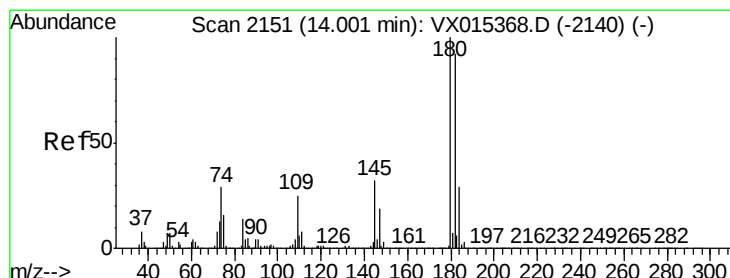
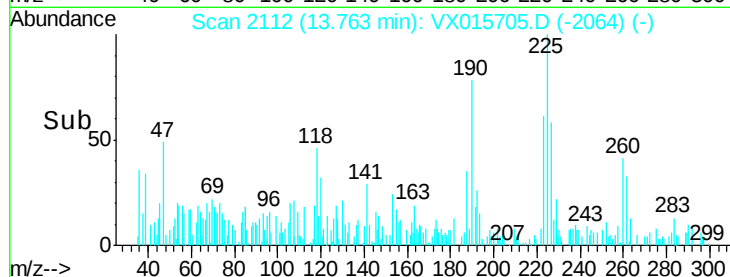
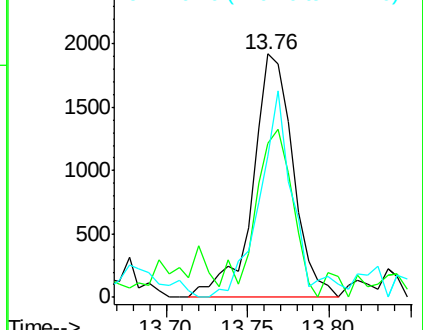
225 100

223 64.4 31.9 95.7

227 66.7 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.255 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015705.D

Acq: 16 Apr 2020 12:37

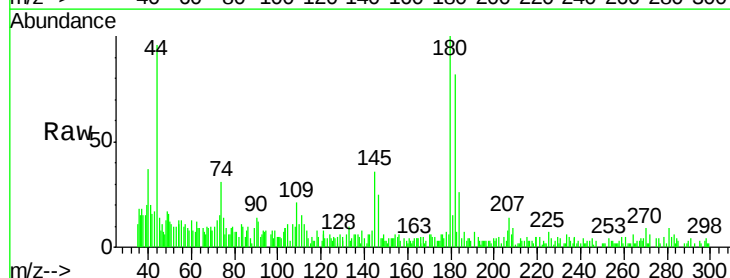
Tgt Ion:180 Resp: 4806

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.0

145 38.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

