

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011035.D
 Acq On : 22 Jul 2019 17:00
 Operator : JC/SP
 Sample : K3926-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Quant Time: Jul 23 06:31:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

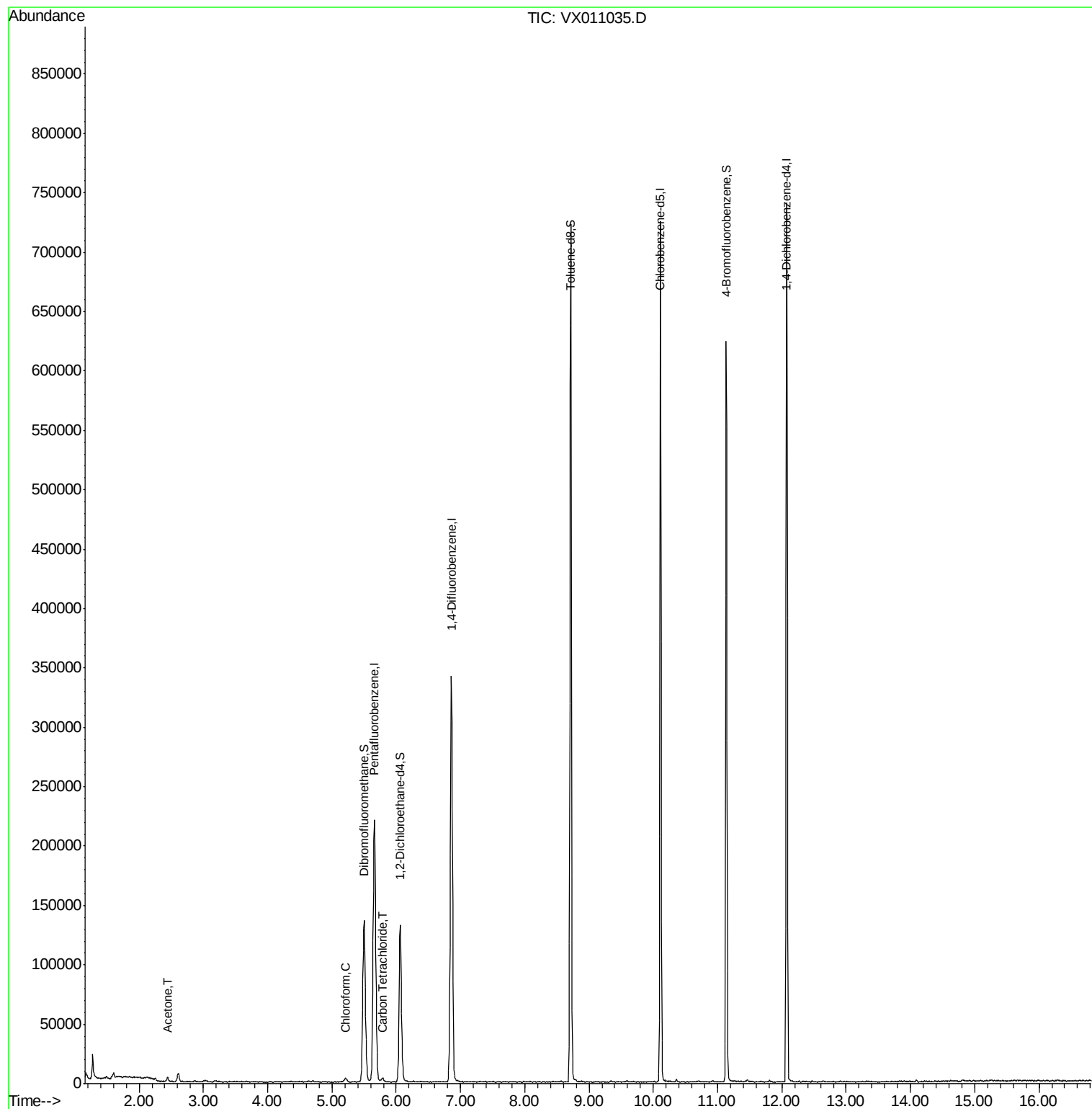
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124319	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	5.50	113	113334	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.71	98	436413	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	156891	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
16) Acetone	2.45	43	3916	3.600	ug/l	91
30) Chloroform	5.21	83	3783	0.975	ug/l	91
38) Carbon Tetrachloride	5.79	117	2388	0.772	ug/l	89

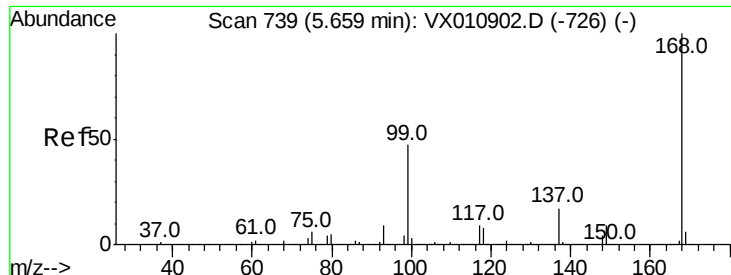
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 20 04:05:59 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: VX011035.D

Acq: 22 Jul 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

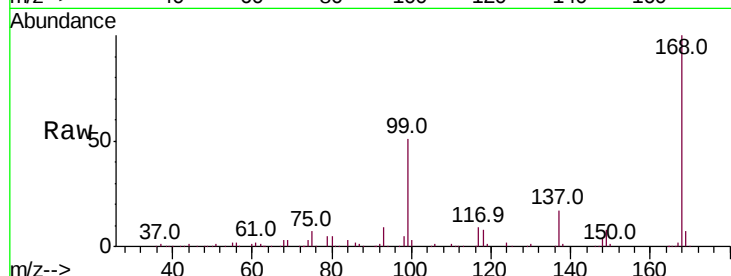
POLY-TANK-GROUNDWATER

Tot Ion:168 Resp: 226413

Ion Ratio Lower Upper

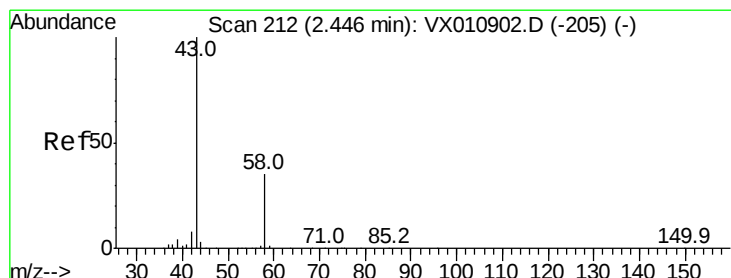
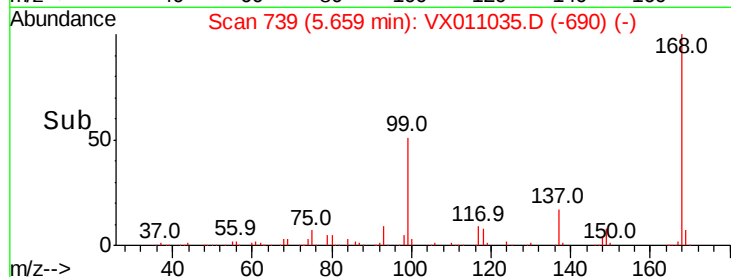
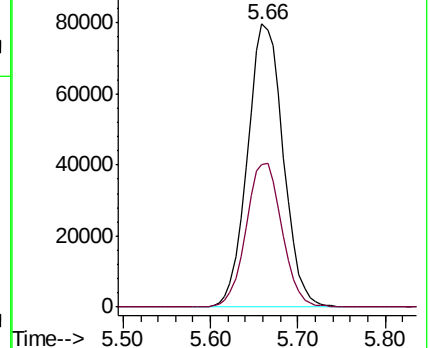
168 100

99 50.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.600 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011035.D

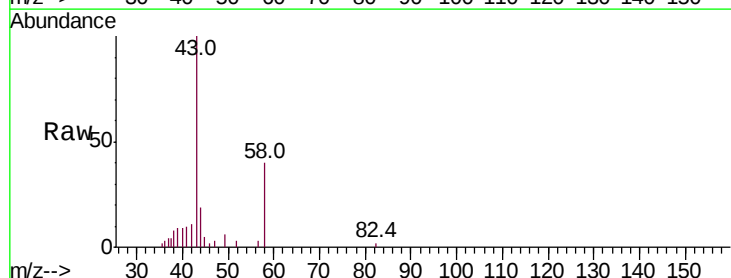
Acq: 22 Jul 2019 17:00

Tgt Ion: 43 Resp: 3916

Ion Ratio Lower Upper

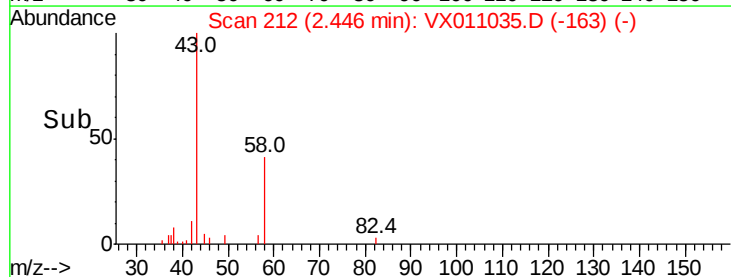
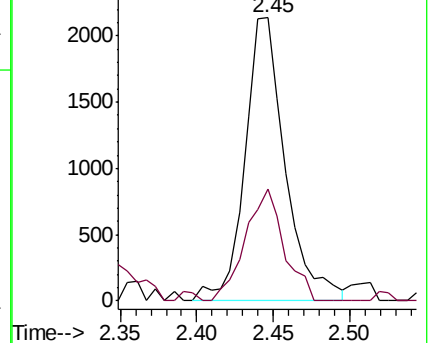
43 100

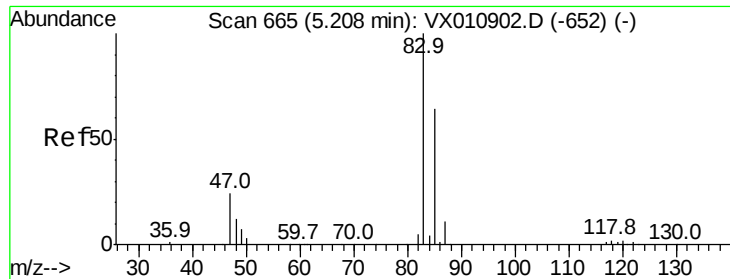
58 39.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

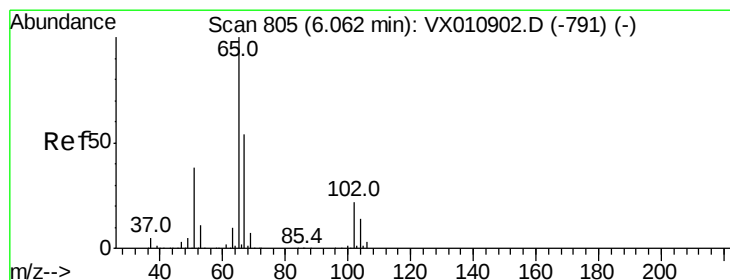
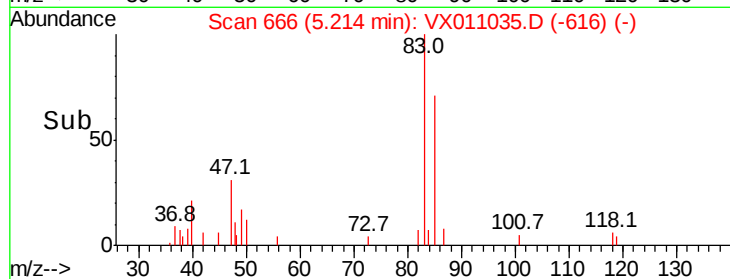
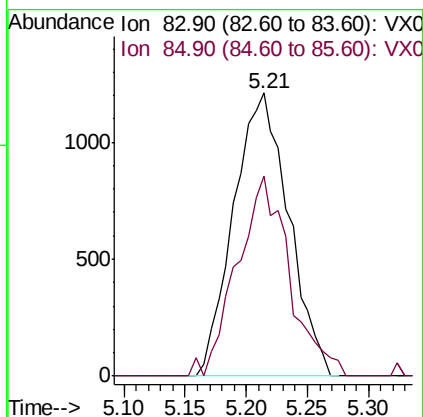
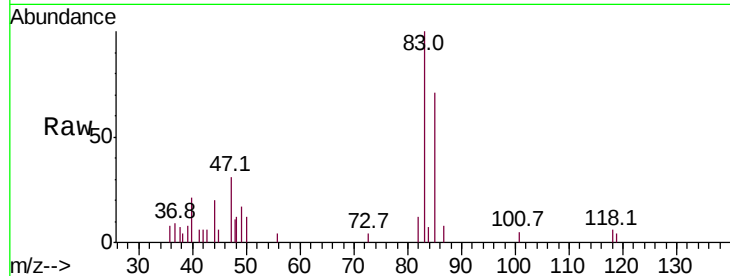




#30
Chloroform
Concen: 0.975 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011035.D
Acq: 22 Jul 2019 17:00

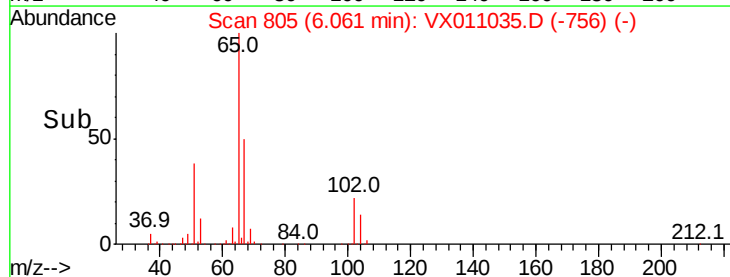
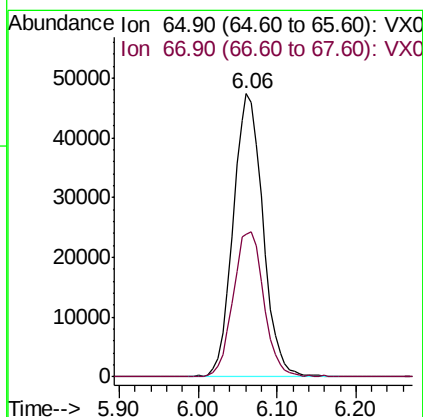
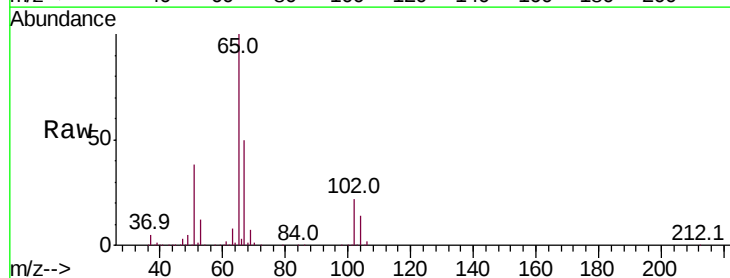
Instrument :
MSVOA_X
ClientSampleId :
POLY-TANK-GROUNDWATER

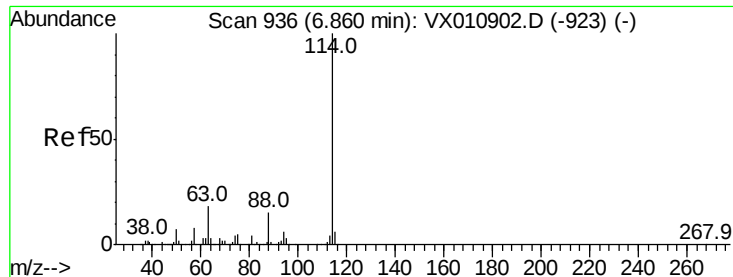
Tot Ion: 83 Resp: 3783
Ion Ratio Lower Upper
83 100
85 70.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.613 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011035.D
Acq: 22 Jul 2019 17:00

Tgt Ion: 65 Resp: 124319
Ion Ratio Lower Upper
65 100
67 52.9 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: VX011035.D

Acq: 22 Jul 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

POLY-TANK-GROUNDWATER

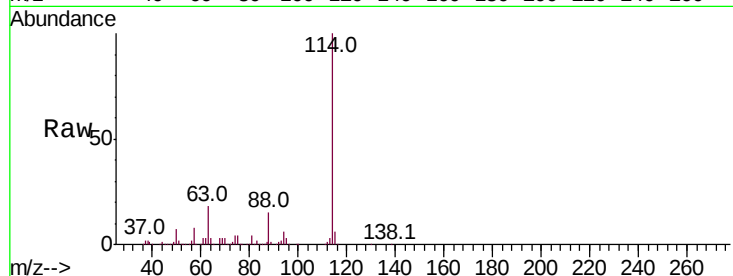
Tot Ion:114 Resp: 361540

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 15.2 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

200000

150000

100000

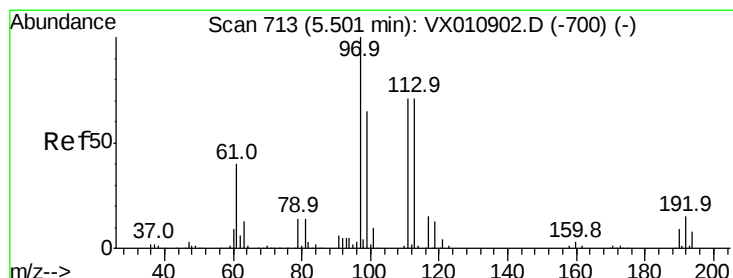
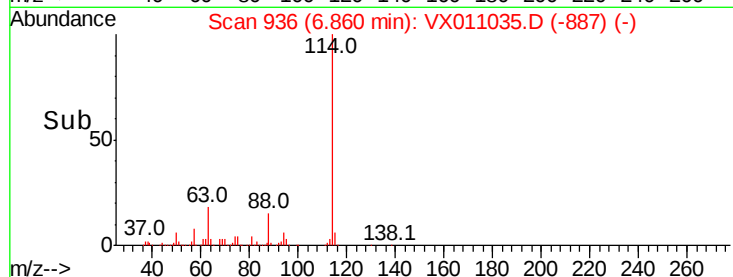
50000

0

6.86

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.388 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011035.D

Acq: 22 Jul 2019 17:00

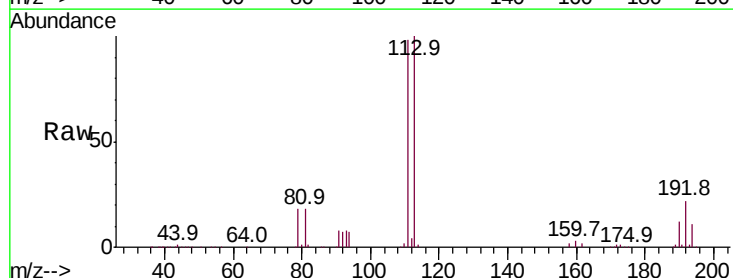
Tgt Ion:113 Resp: 113334

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 22.2 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

50000

40000

30000

20000

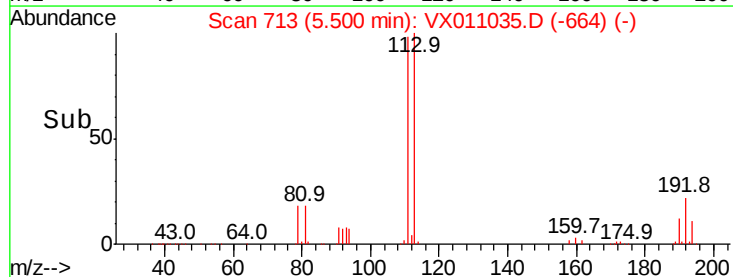
10000

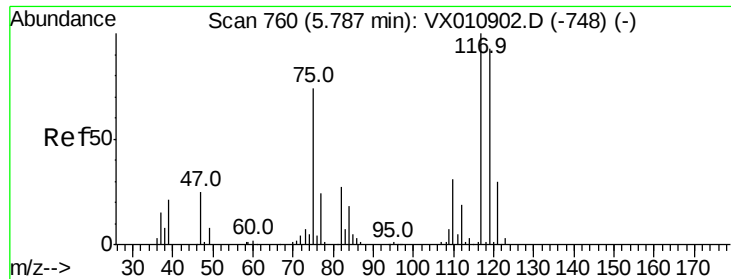
0

5.50

5.40 5.50 5.60

Time-->

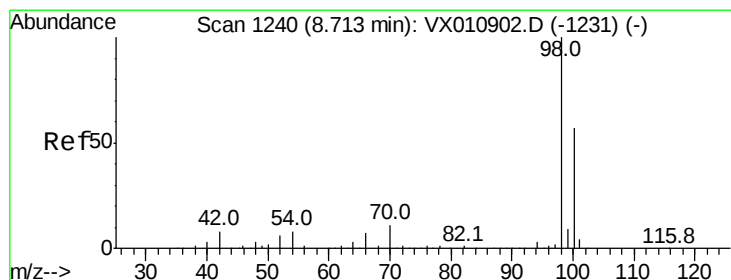
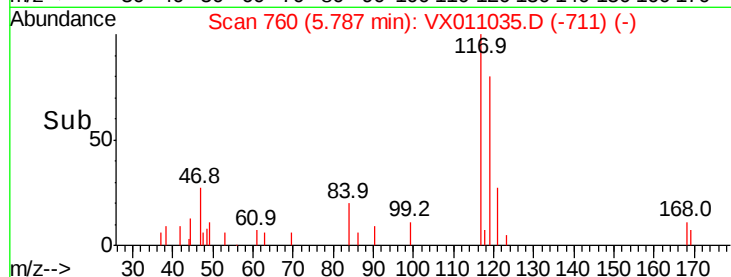
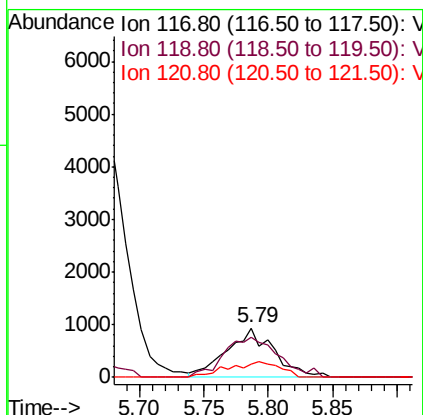
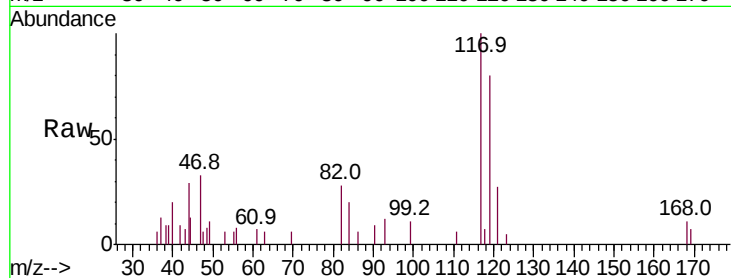




#38
Carbon Tetrachloride
Concen: 0.772 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011035.D
Acq: 22 Jul 2019 17:00

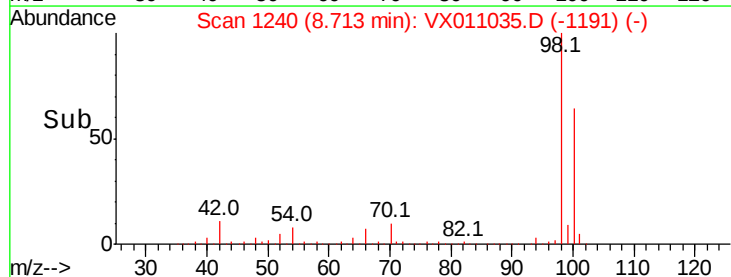
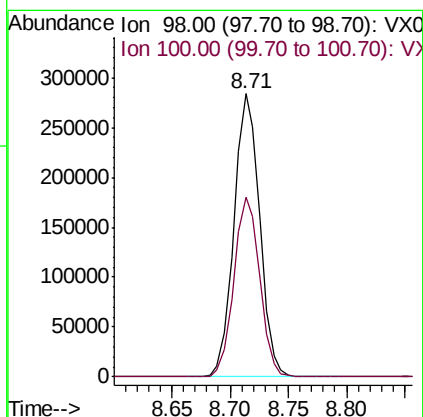
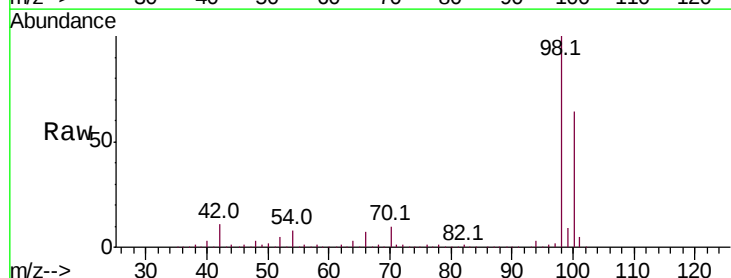
Instrument :
MSVOA_X
ClientSampleId :
POLY-TANK-GROUNDWATER

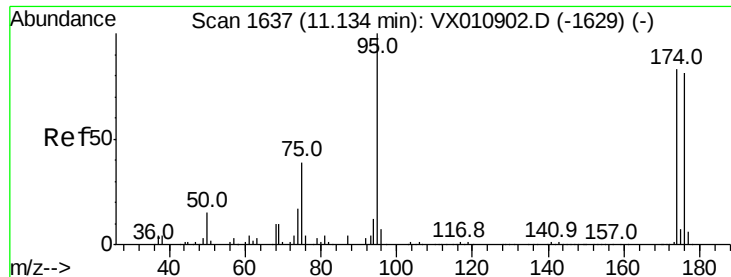
Tot Ion:117 Resp: 2388
Ion Ratio Lower Upper
117 100
119 80.4 74.2 111.2
121 27.0 24.2 36.2



#50
Toluene-d8
Concen: 50.705 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011035.D
Acq: 22 Jul 2019 17:00

Tgt Ion: 98 Resp: 436413
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 49.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011035.D

Acq: 22 Jul 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

POLY-TANK-GROUNDWATER

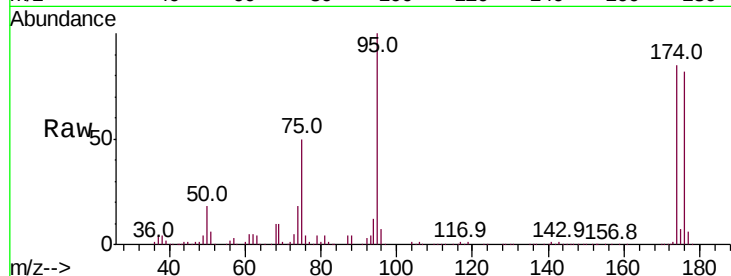
Tot Ion: 95 Resp: 156891

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.6

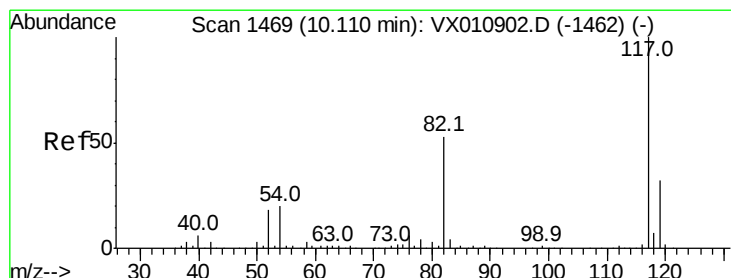
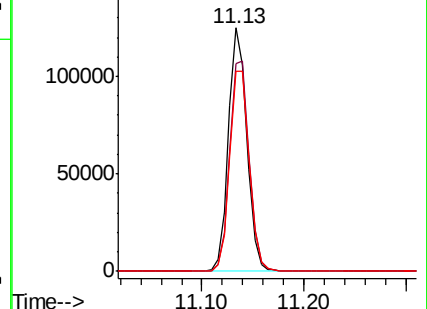
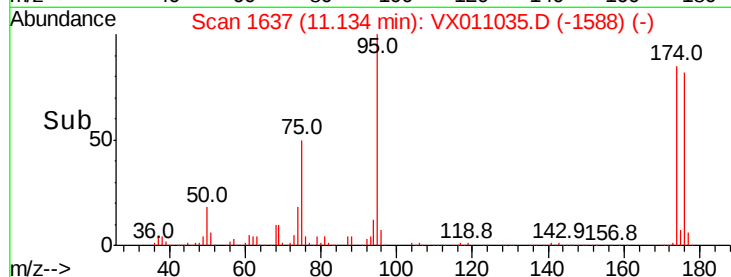
176 87.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011035.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011035.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011035.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011035.D

Acq: 22 Jul 2019 17:00

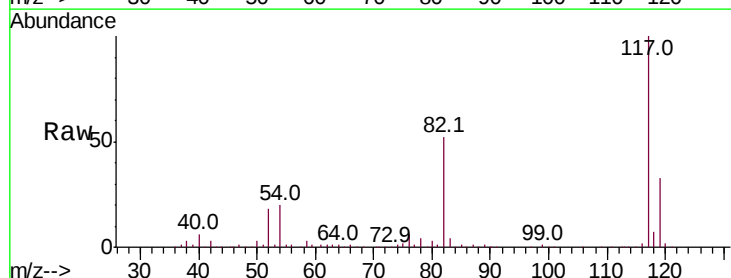
Tgt Ion: 117 Resp: 339583

Ion Ratio Lower Upper

117 100

82 52.4 42.6 63.8

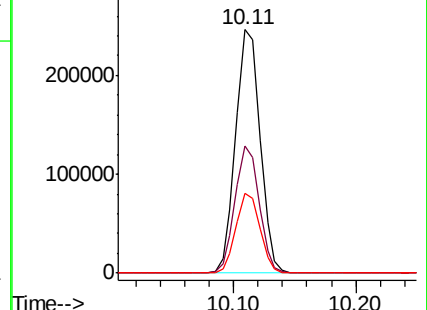
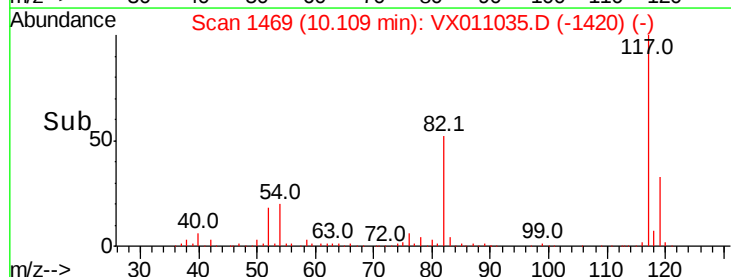
119 32.6 25.9 38.9

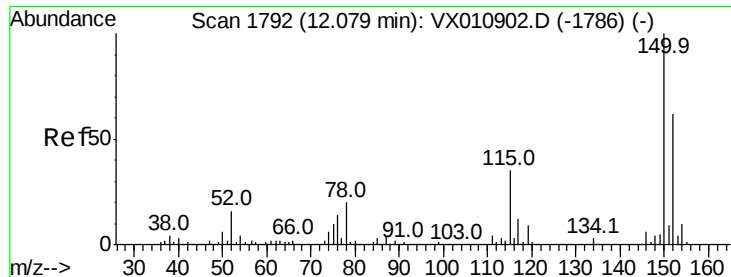


Abundance Ion 116.90 (116.60 to 117.60): VX011035.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011035.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011035.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: VX011035.D
 Acq: 22 Jul 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.7	119.1
150	155.8	0.0	345.6

