

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013358.D
 Acq On : 08 Nov 2019 15:29
 Operator : JC/SP
 Sample : K5765-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-010-IDWGW-20191107

Quant Time: Nov 11 03:37:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

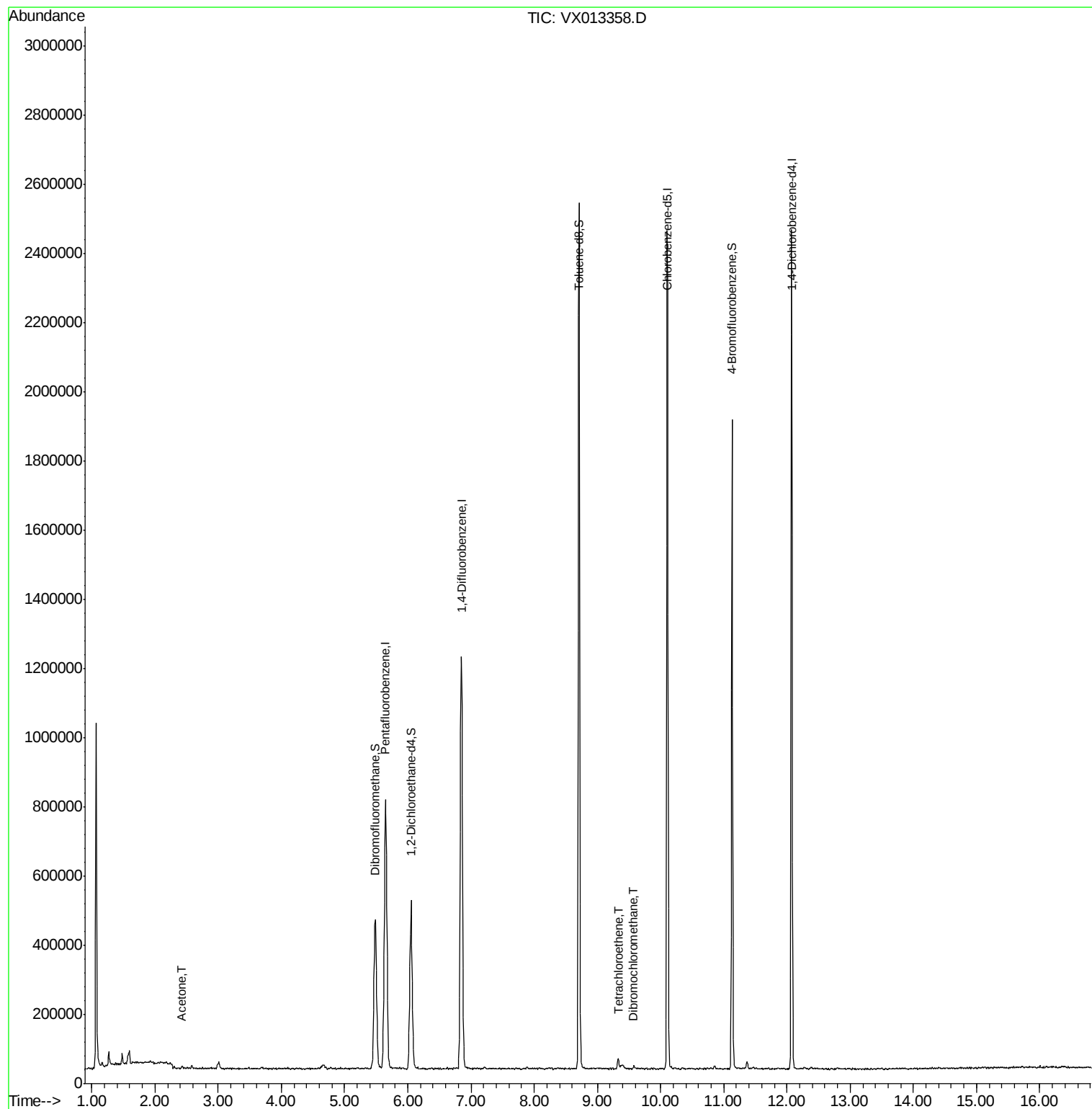
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	815224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1265935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1113399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	516524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	459414	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	5.48	113	379664	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	1494331	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	506448	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
16) Acetone	2.43	43	6789	1.409	ug/l #	73
60) Dibromochloromethane	9.58	129	4405	0.496	ug/l	73
64) Tetrachloroethene	9.33	164	2959	0.371	ug/l #	83

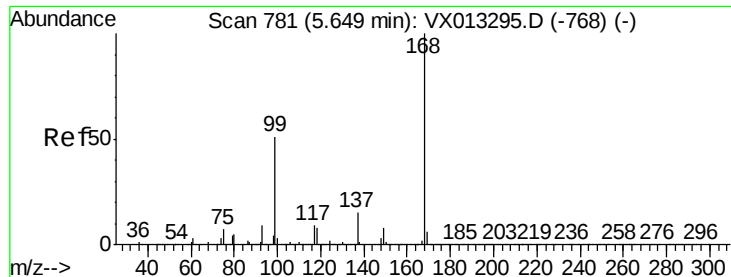
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

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Acq: 08 Nov 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

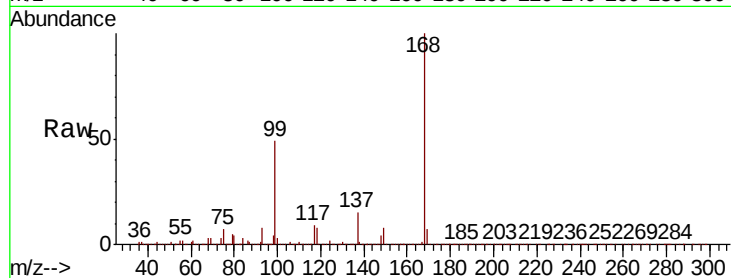
TT-010-IDW/GW-20191107

Tot Ion:168 Resp: 815224

Ion Ratio Lower Upper

168 100

99 48.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

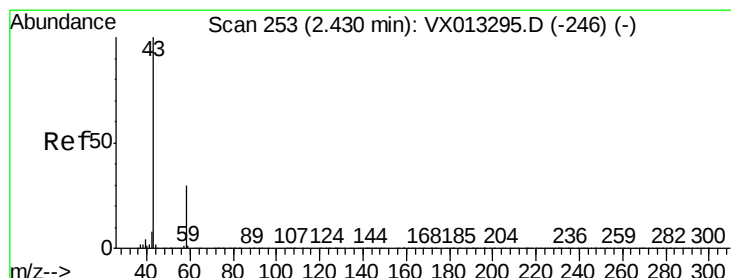
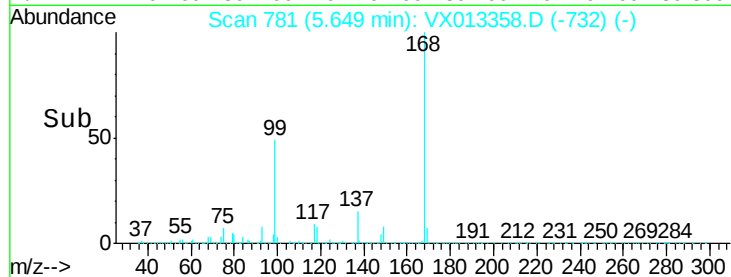
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.409 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013358.D

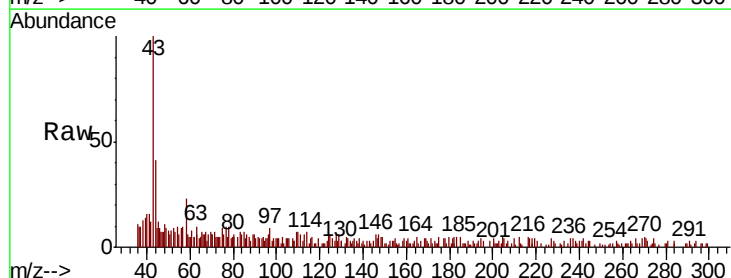
Acq: 08 Nov 2019 15:29

Tgt Ion: 43 Resp: 6789

Ion Ratio Lower Upper

43 100

58 15.5 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

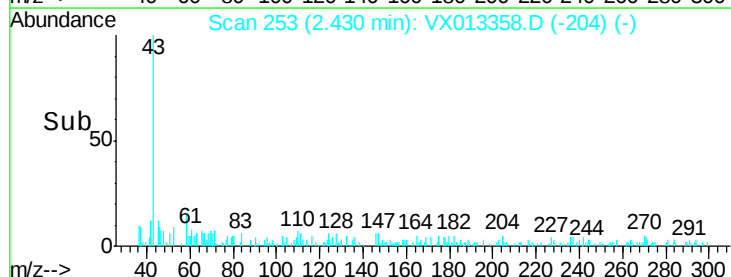
3000

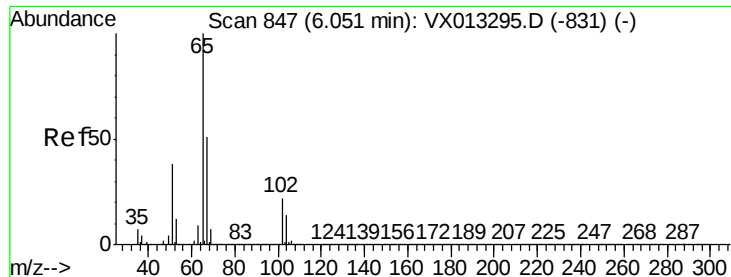
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.568 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013358.D

Acq: 08 Nov 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

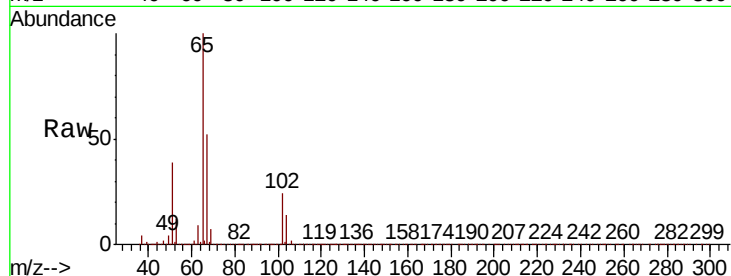
TT-010-IDW/GW-20191107

Tot Ion: 65 Resp: 459414

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

200000

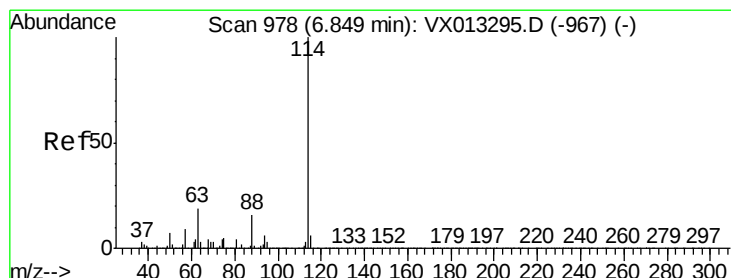
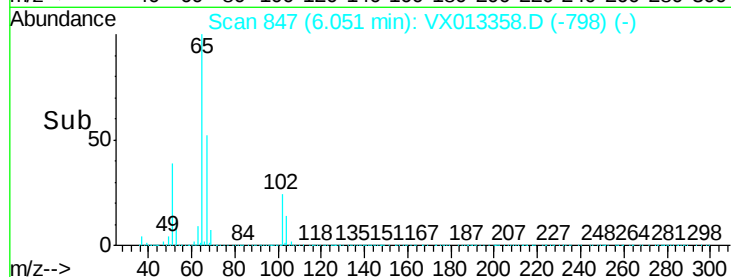
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013358.D

Acq: 08 Nov 2019 15:29

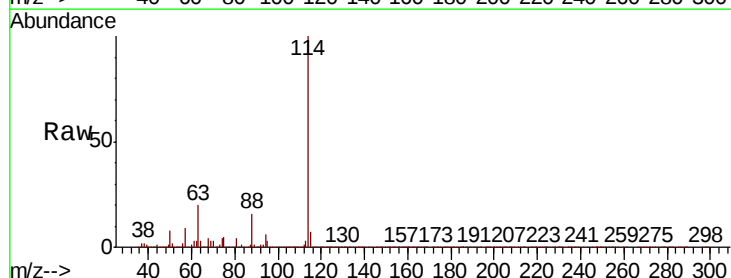
Tgt Ion: 114 Resp: 1265935

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 15.9 0.0 32.2



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

6.85

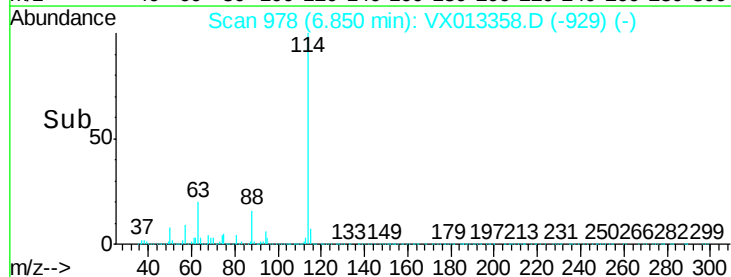
600000

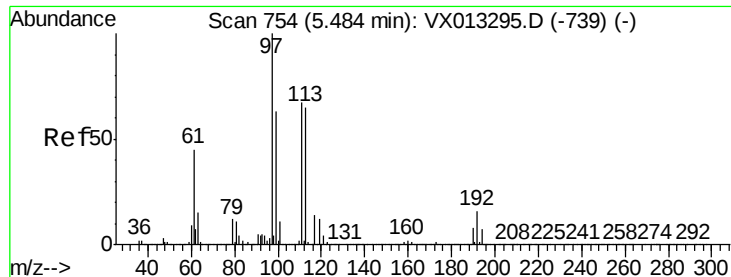
400000

200000

0

Time--> 6.70 6.80 6.90 7.00

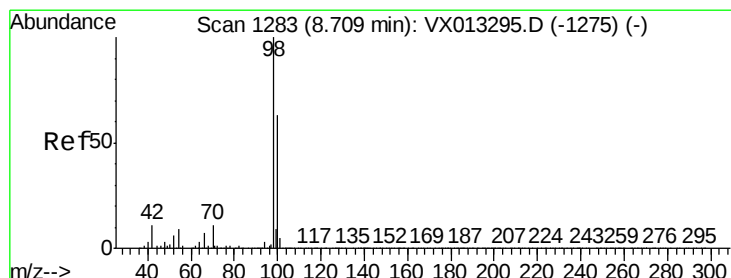
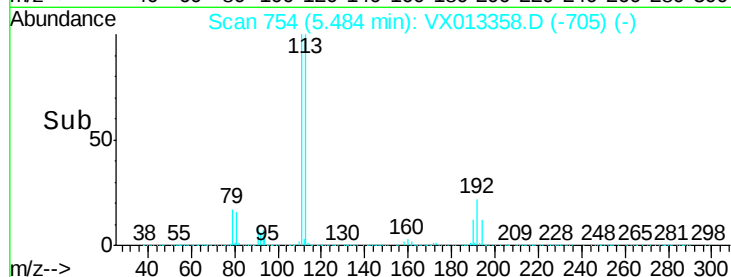
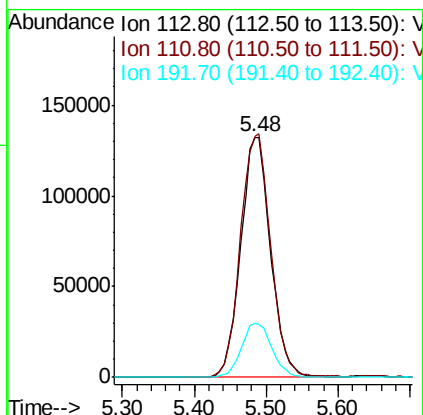
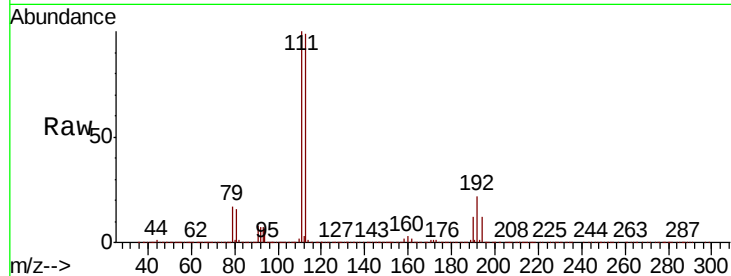




#35
Dibromofluoromethane
Concen: 47.816 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013358.D
Acq: 08 Nov 2019 15:29

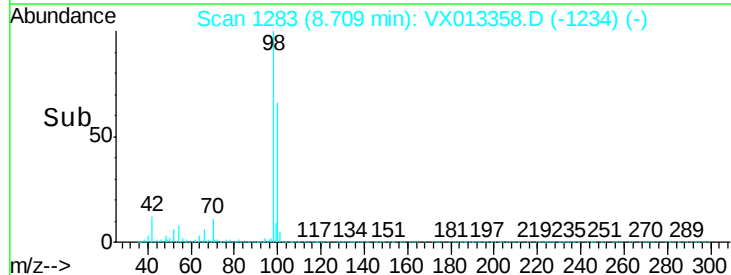
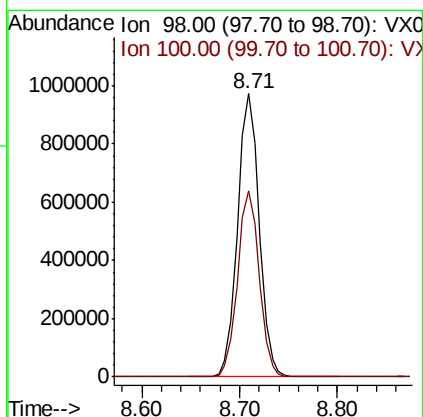
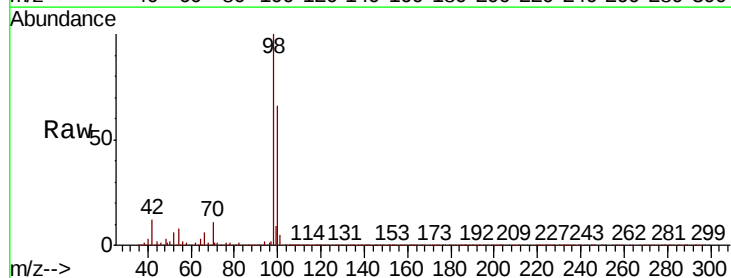
Instrument :
MSVOA_X
ClientSampleId :
TT-010-IDW/GW-20191107

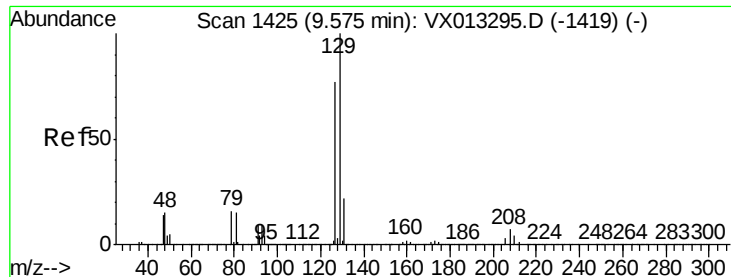
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	23.2	19.1	28.7



#50
Toluene-d8
Concen: 49.922 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013358.D
Acq: 08 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#60

Dibromochloromethane

Concen: 0.496 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013358.D

Acq: 08 Nov 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

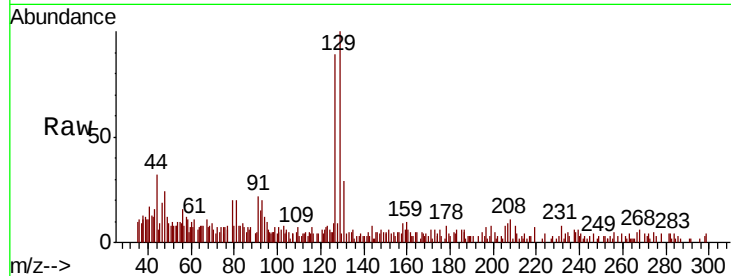
TT-010-IDW/GW-20191107

Tot Ion:129 Resp: 4405

Ion Ratio Lower Upper

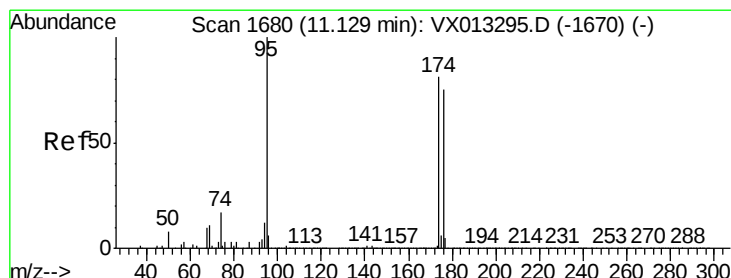
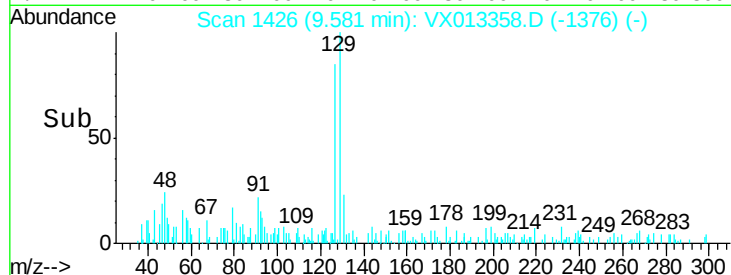
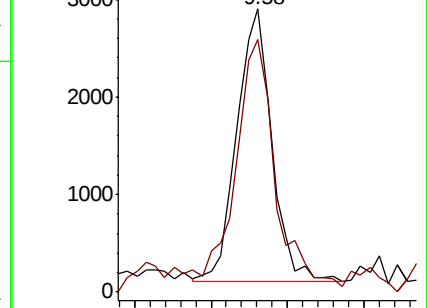
129 100

127 102.0 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.880 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013358.D

Acq: 08 Nov 2019 15:29

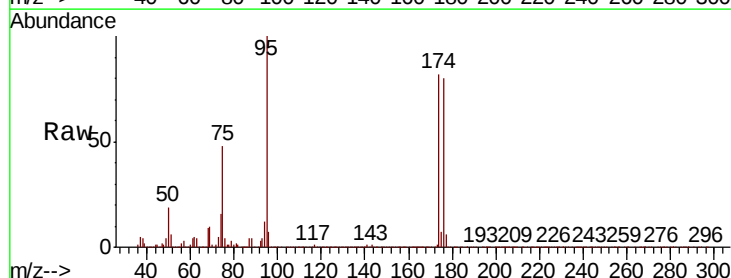
Tgt Ion: 95 Resp: 506448

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

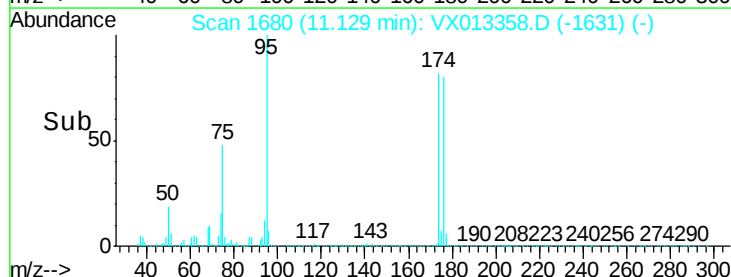
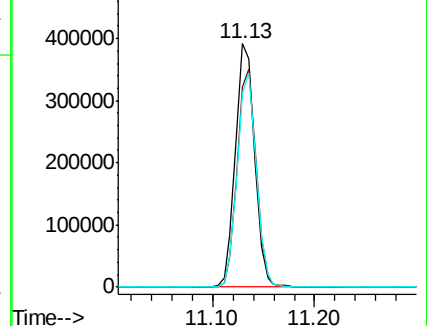
176 87.1 0.0 173.0

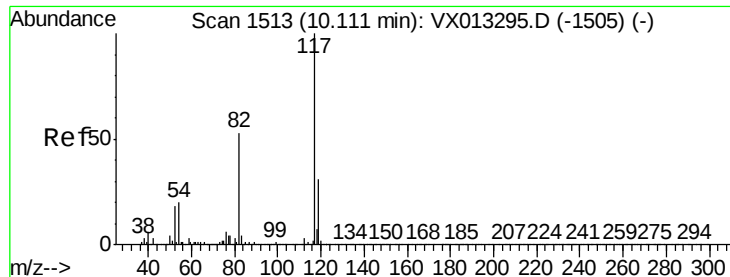


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

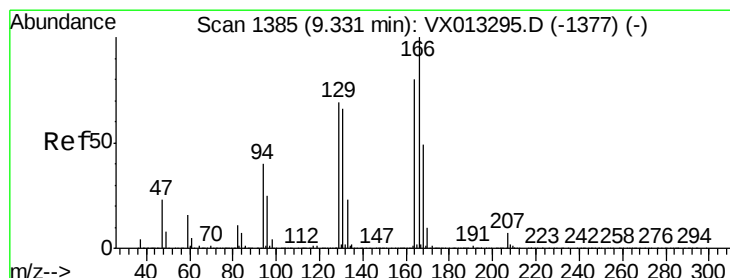
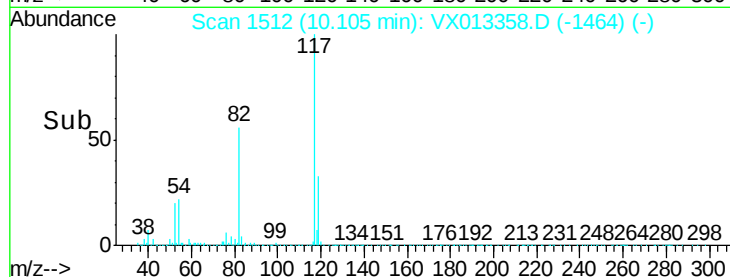
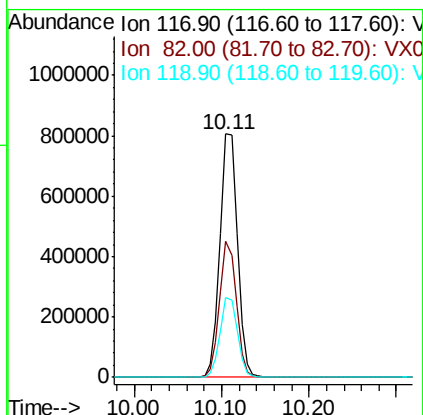
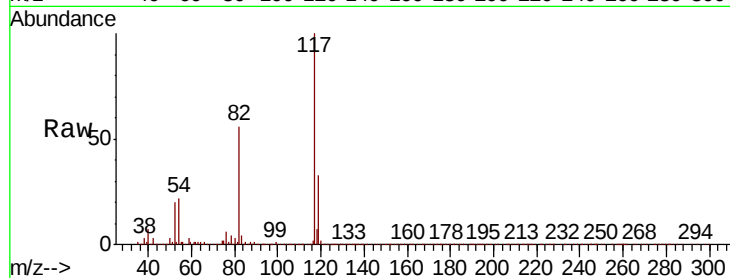




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013358.D
Acq: 08 Nov 2019 15:29

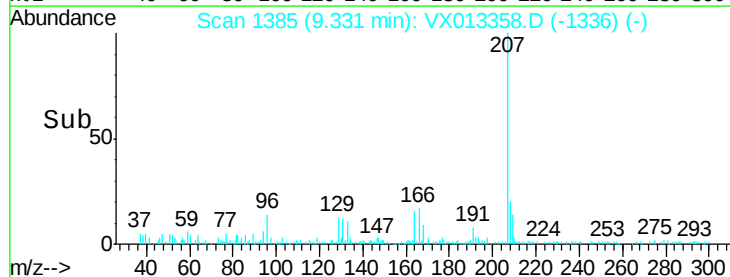
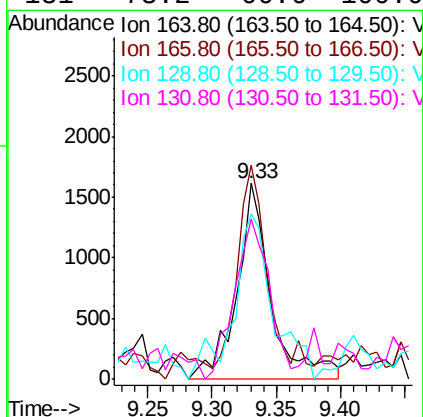
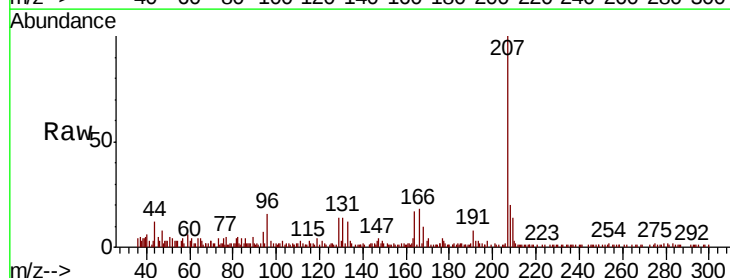
Instrument :
MSVOA_X
ClientSampleId :
TT-010-IDWGW-20191107

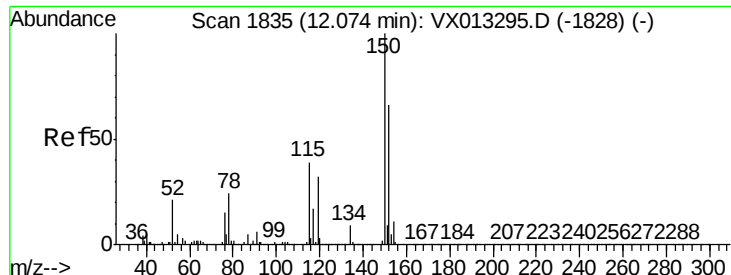
Tot Ion:117 Resp: 1113399
Ion Ratio Lower Upper
117 100
82 55.9 42.6 64.0
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 0.371 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013358.D
Acq: 08 Nov 2019 15:29

Tgt Ion:164 Resp: 2959
Ion Ratio Lower Upper
164 100
166 99.8 100.4 150.6#
129 74.3 69.4 104.2
131 73.2 66.6 100.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013358.D

Acq: 08 Nov 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

TT-010-IDW/GW-20191107

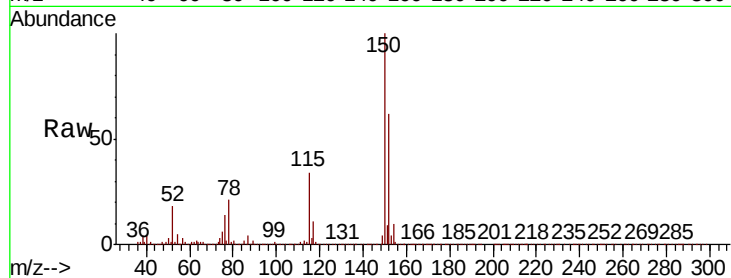
Tot Ion:152 Resp: 516524

Ion Ratio Lower Upper

152 100

115 54.9 39.5 118.3

150 155.6 0.0 344.4



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

