

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013359.D
 Acq On : 08 Nov 2019 15:52
 Operator : JC/SP
 Sample : K5765-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-009-IDW/GW-20191107

Quant Time: Nov 11 03:40:26 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

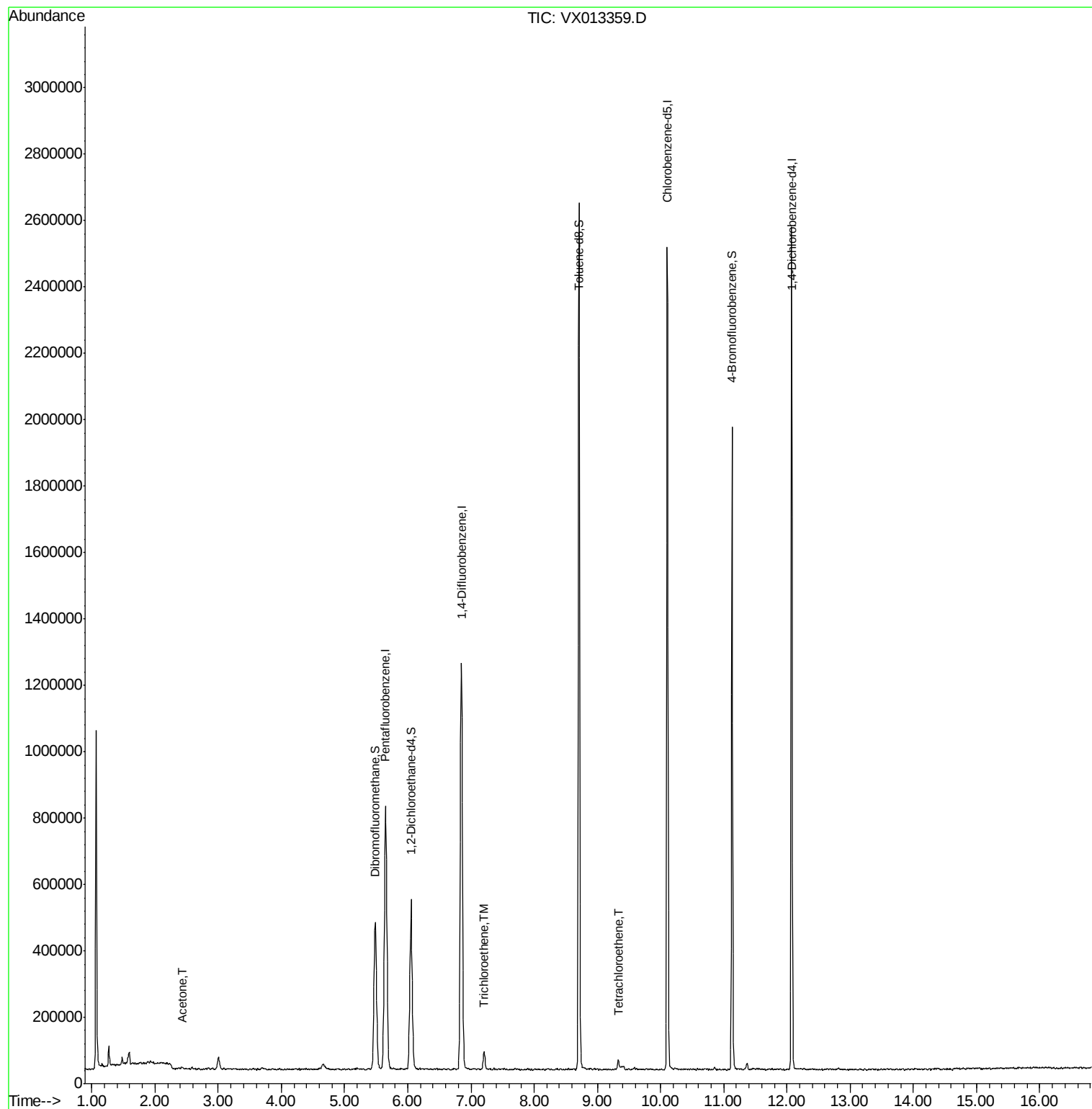
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	814766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1287557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1143225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	526660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	464308	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.48	113	383421	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	8.71	98	1529527	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	505578	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
16) Acetone	2.43	43	8479	1.761	ug/l	90
44) Trichloroethene	7.21	130	23888	2.522	ug/l	95
64) Tetrachloroethene	9.34	164	3465	0.423	ug/l #	81

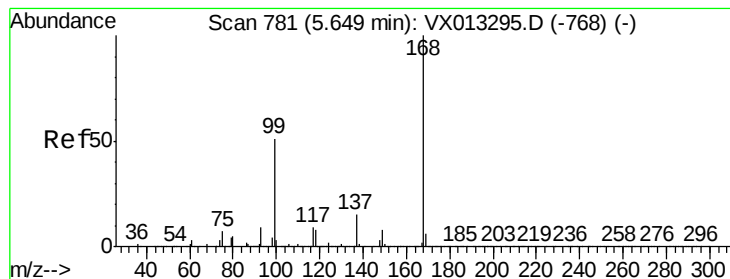
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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 15:52

Instrument :

MSVOA_X

ClientSampleId :

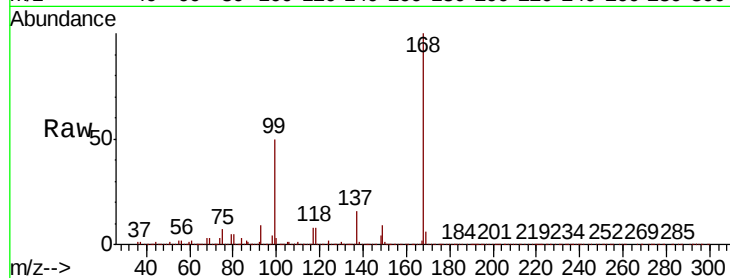
TT-009-IDW/GW-20191107

Tot Ion:168 Resp: 814766

Ion Ratio Lower Upper

168 100

99 50.0 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

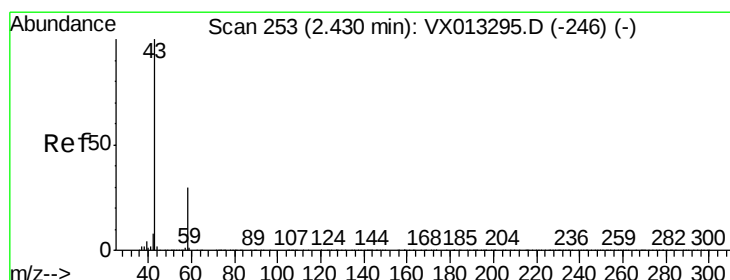
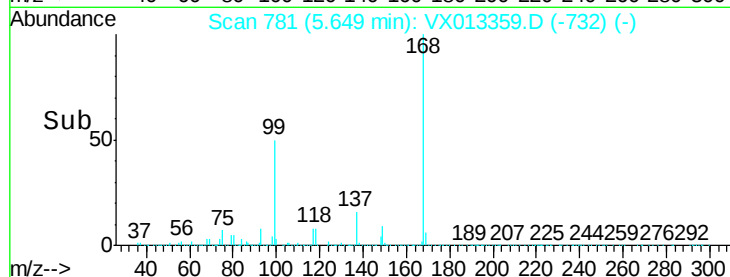
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.761 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013359.D

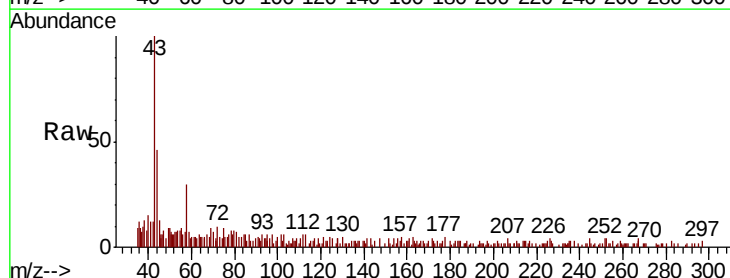
Acq: 08 Nov 2019 15:52

Tgt Ion: 43 Resp: 8479

Ion Ratio Lower Upper

43 100

58 25.2 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

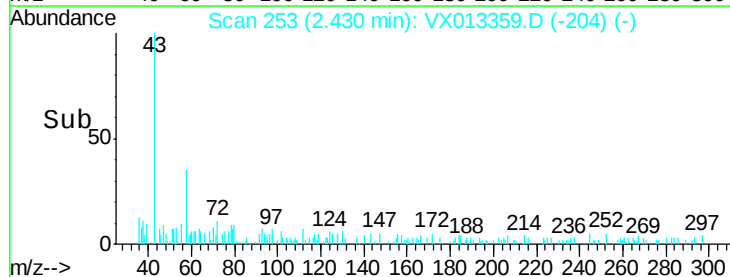
3000

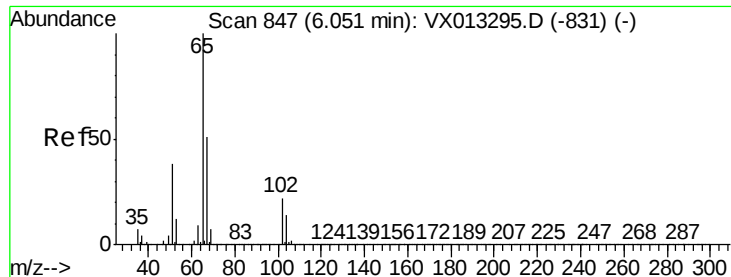
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.102 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013359.D

Acq: 08 Nov 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

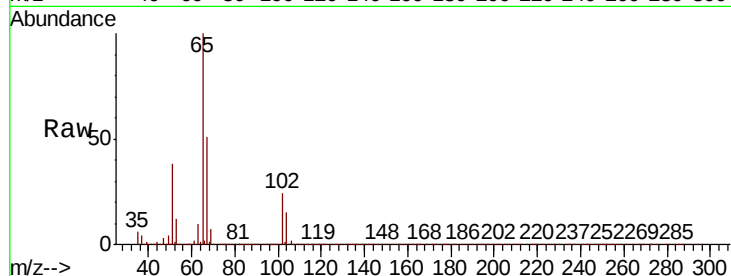
TT-009-IDW/GW-20191107

Tot Ion: 65 Resp: 464308

Ion Ratio Lower Upper

65 100

67 51.7 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

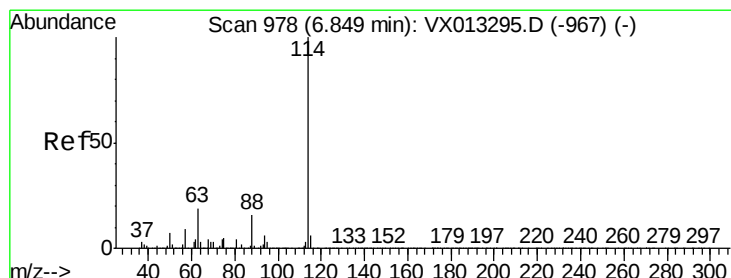
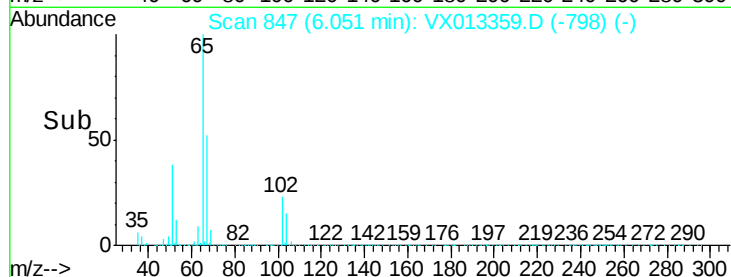
150000

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: VX013359.D

Acq: 08 Nov 2019 15:52

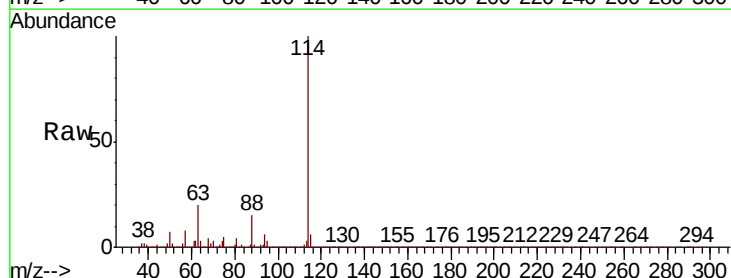
Tgt Ion: 114 Resp: 1287557

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 14.8 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

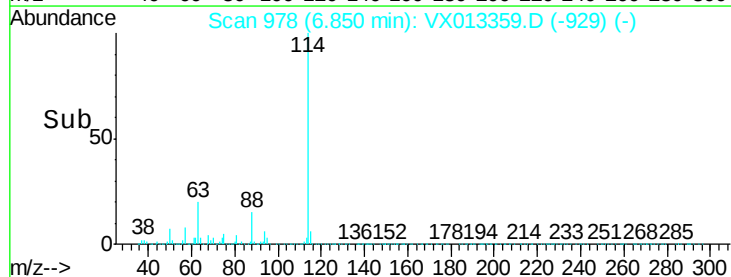
600000

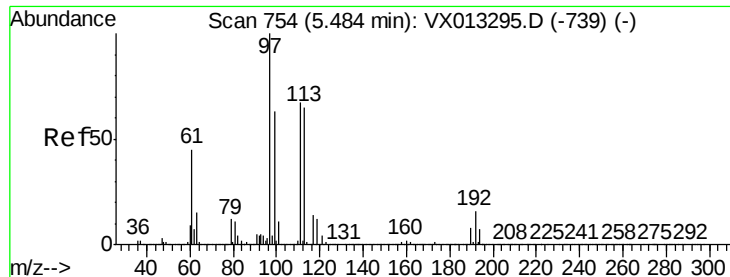
400000

200000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.478 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013359.D

Acq: 08 Nov 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

TT-009-IDW/GW-20191107

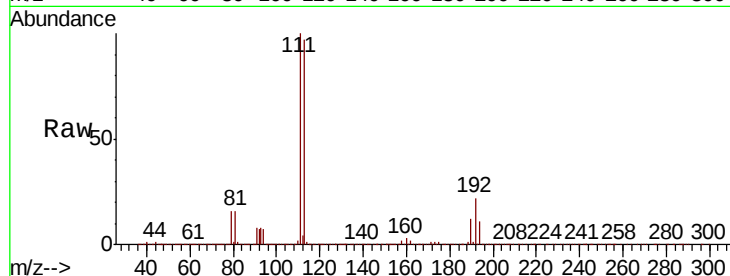
Tot Ion:113 Resp: 383421

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

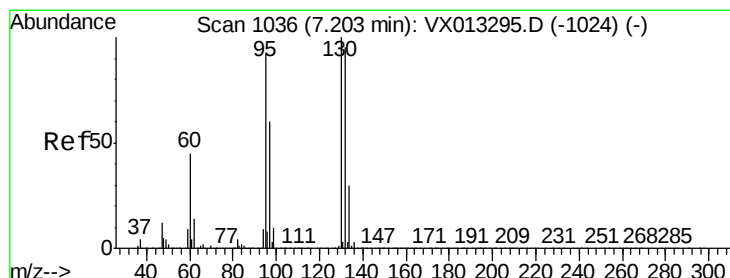
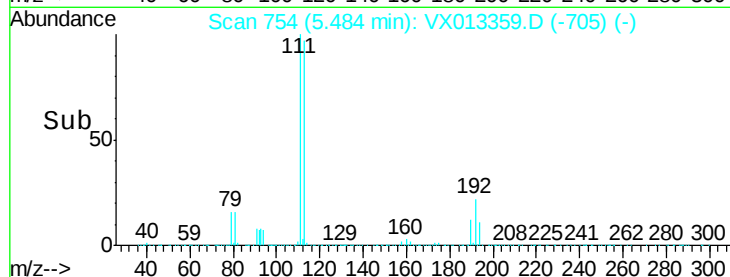
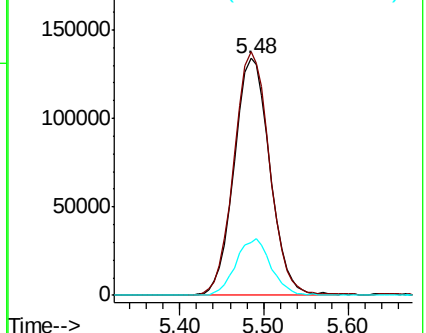
192 23.5 19.1 28.7



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: 2.522 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013359.D

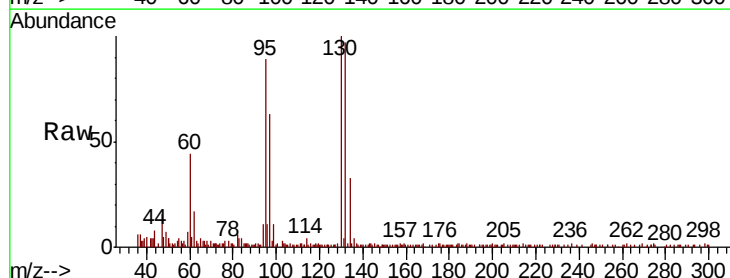
Acq: 08 Nov 2019 15:52

Tgt Ion:130 Resp: 23888

Ion Ratio Lower Upper

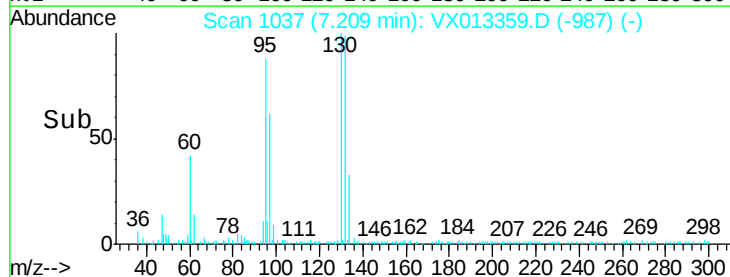
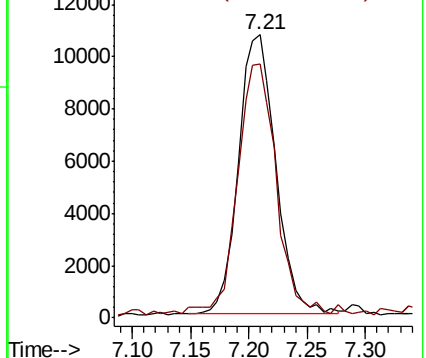
130 100

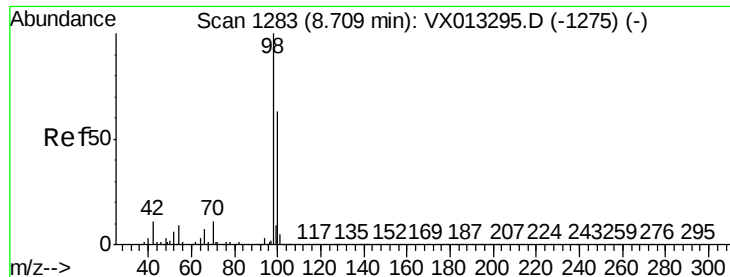
95 87.9 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.240 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013359.D

Acq: 08 Nov 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

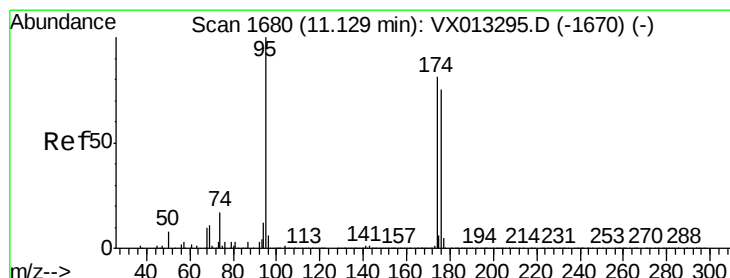
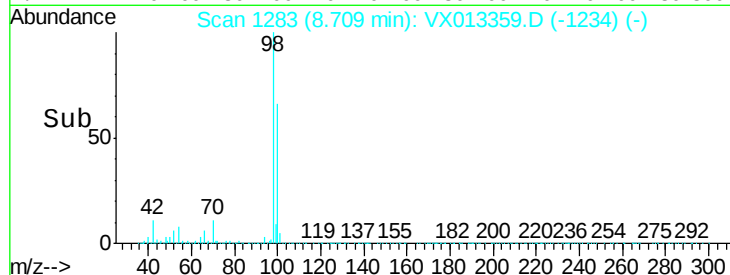
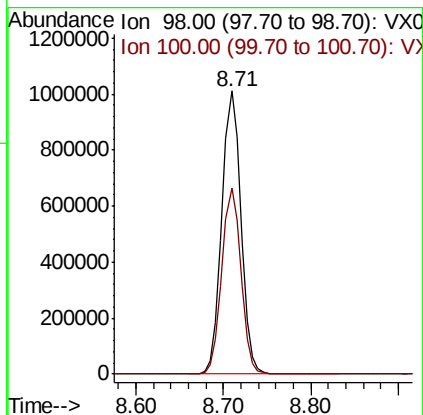
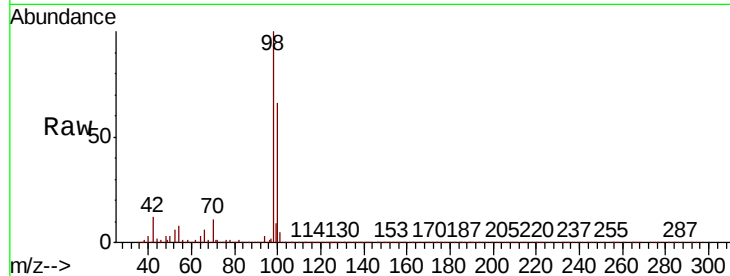
TT-009-IDW/GW-20191107

Tot Ion: 98 Resp: 1529527

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.013 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013359.D

Acq: 08 Nov 2019 15:52

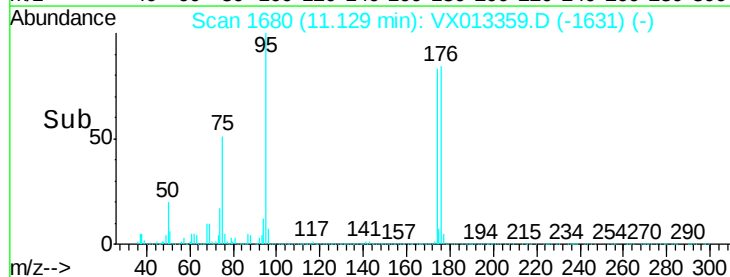
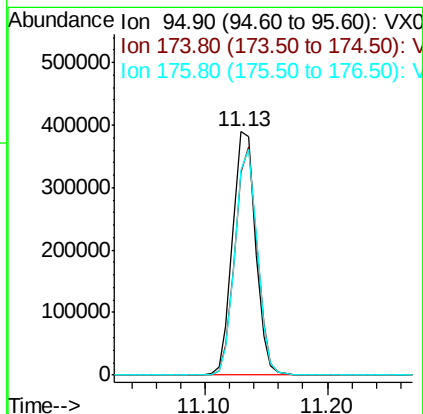
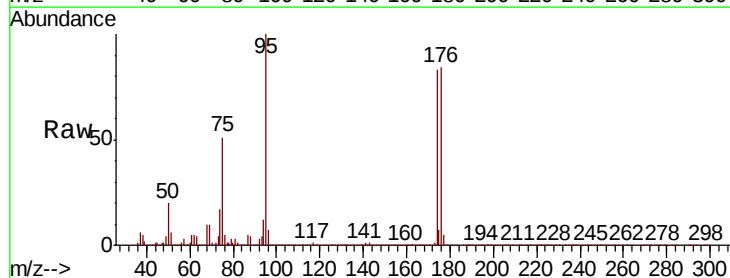
Tgt Ion: 95 Resp: 505578

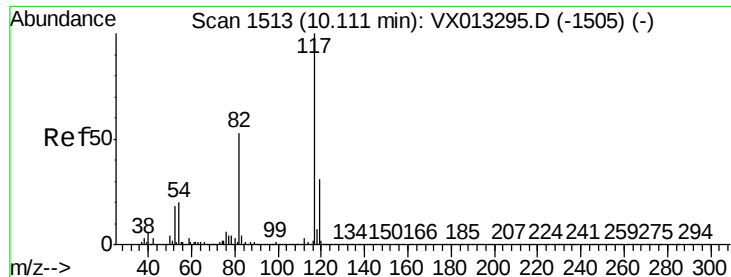
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 89.9 0.0 173.0

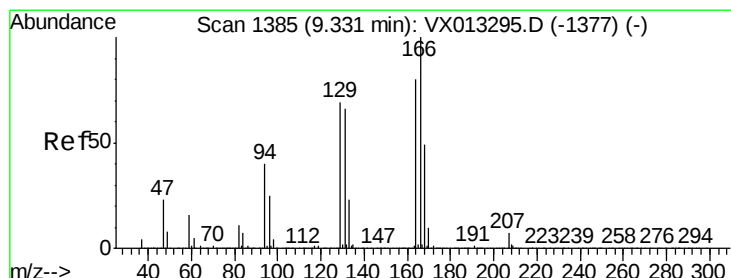
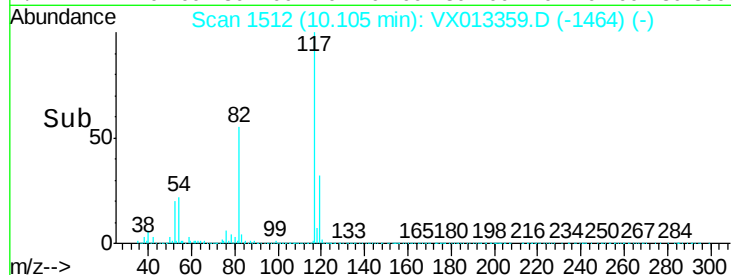
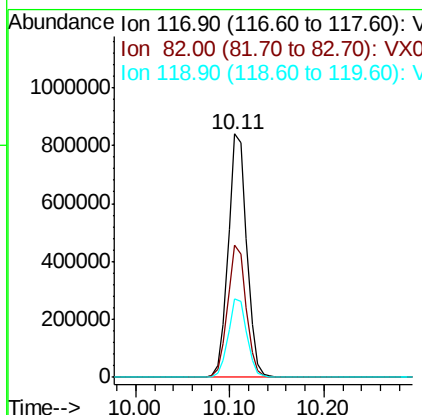
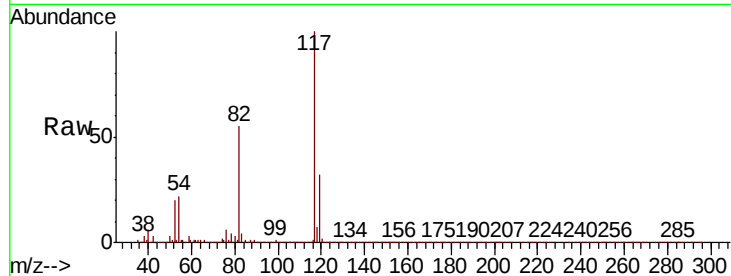




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013359.D
Acq: 08 Nov 2019 15:52

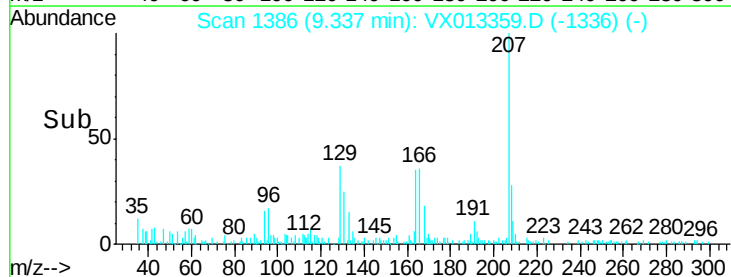
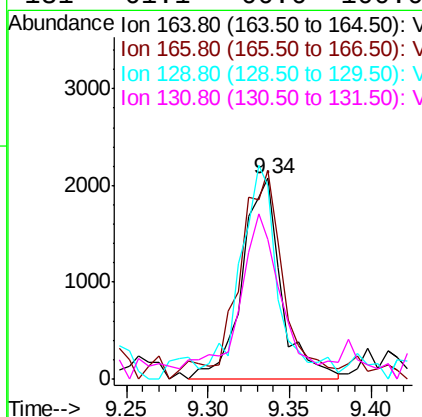
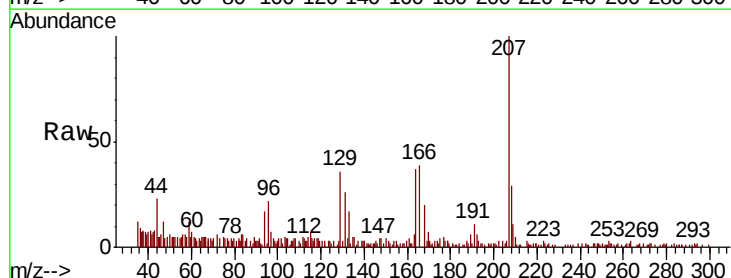
Instrument :
MSVOA_X
ClientSampleId :
TT-009-IDW/GW-20191107

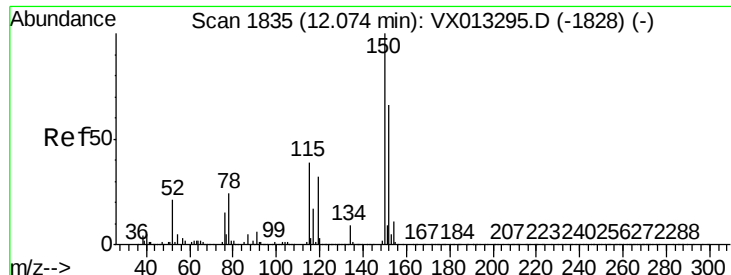
Tot Ion:117 Resp: 1143225
Ion Ratio Lower Upper
117 100
82 54.5 42.6 64.0
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 0.423 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013359.D
Acq: 08 Nov 2019 15:52

Tgt Ion:164 Resp: 3465
Ion Ratio Lower Upper
164 100
166 98.7 100.4 150.6#
129 93.2 69.4 104.2
131 61.1 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: VX013359.D

Acq: 08 Nov 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

TT-009-IDW/GW-20191107

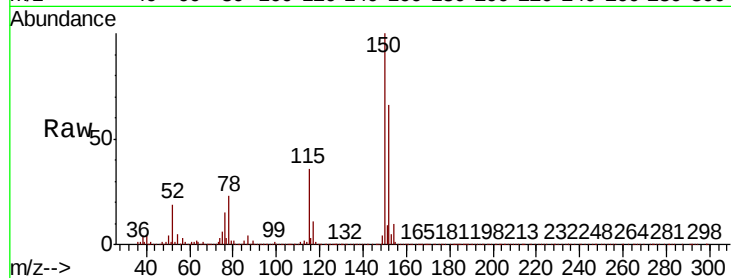
Tot Ion:152 Resp: 526660

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 155.3 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

