

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011231.D
 Acq On : 31 Jul 2019 06:08
 Operator : JC/SP
 Sample : K4045-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW8-20190726

Quant Time: Jul 31 09:56:28 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

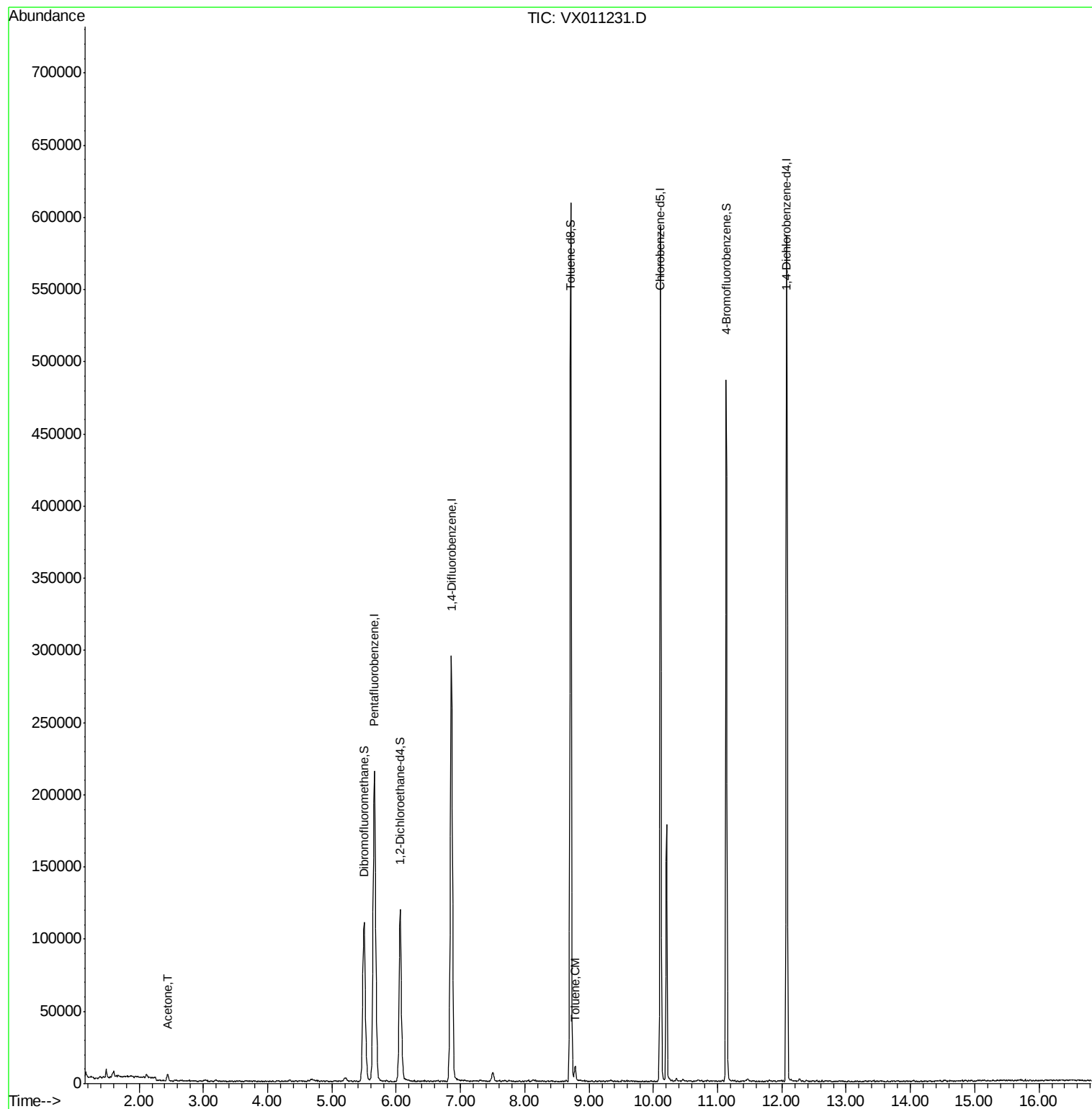
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107983	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	5.50	113	92156	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	8.71	98	359046	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	117344	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
16) Acetone	2.45	43	5291	5.142	ug/l	97
52) Toluene	8.79	92	3380	0.660	ug/l	92

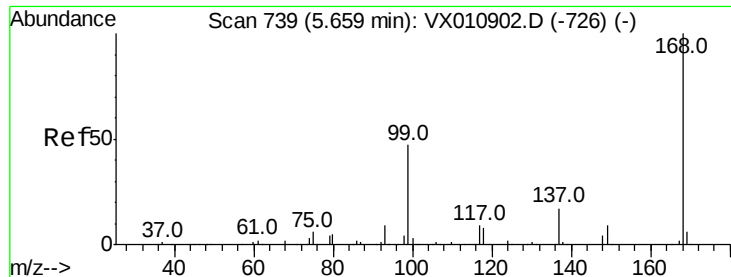
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 05:39:23 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011231.D

Acq: 31 Jul 2019 06:08

Instrument :

MSVOA_X

ClientSampleId :

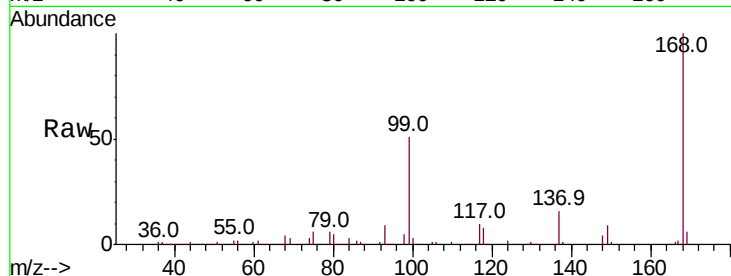
GW8-20190726

Tot Ion:168 Resp: 214143

Ion Ratio Lower Upper

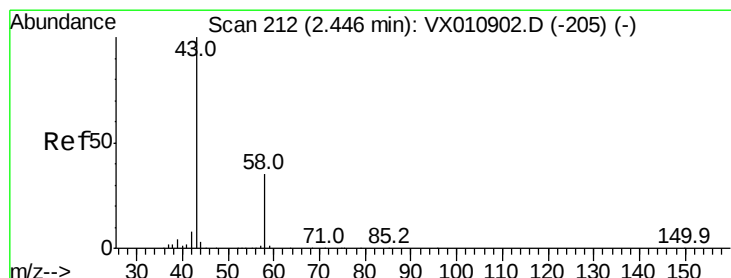
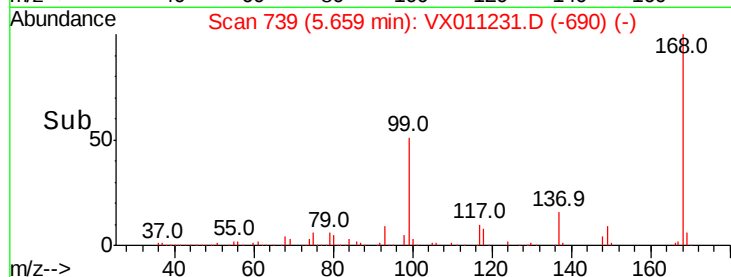
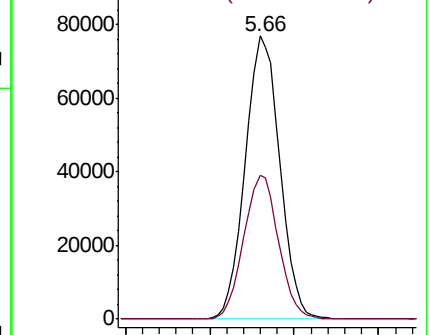
168 100

99 50.9 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: 5.142 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011231.D

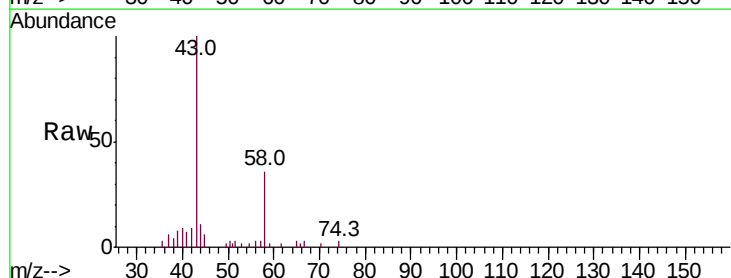
Acq: 31 Jul 2019 06:08

Tgt Ion: 43 Resp: 5291

Ion Ratio Lower Upper

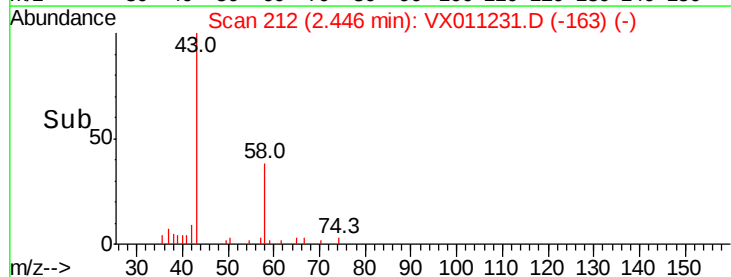
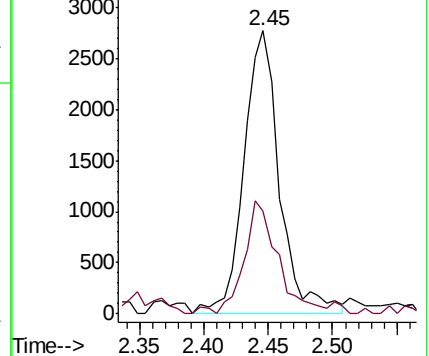
43 100

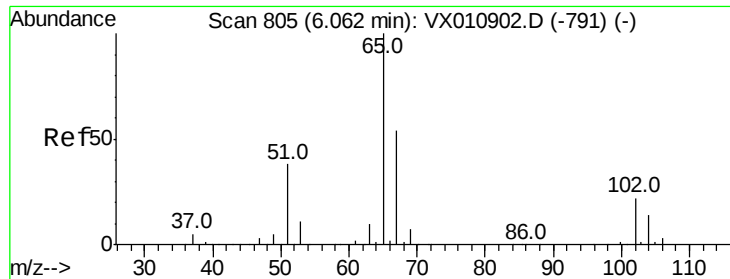
58 36.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.399 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011231.D

Acq: 31 Jul 2019 06:08

Instrument :

MSVOA_X

ClientSampleId :

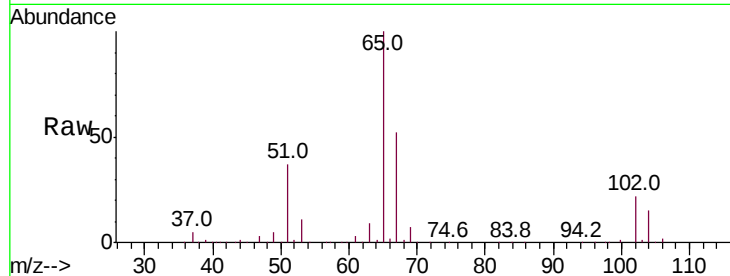
GW8-20190726

Tot Ion: 65 Resp: 107983

Ion Ratio Lower Upper

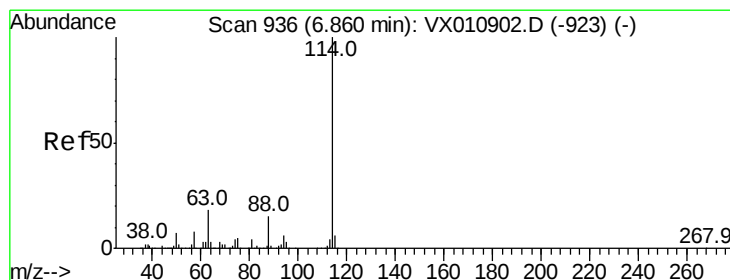
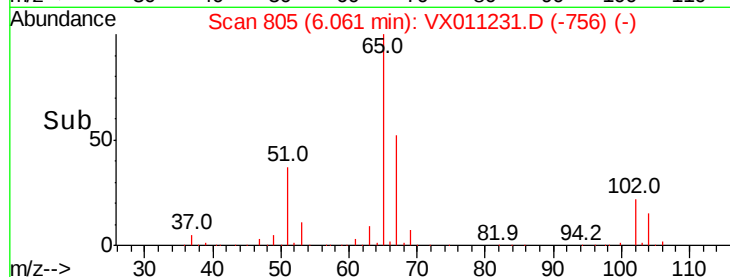
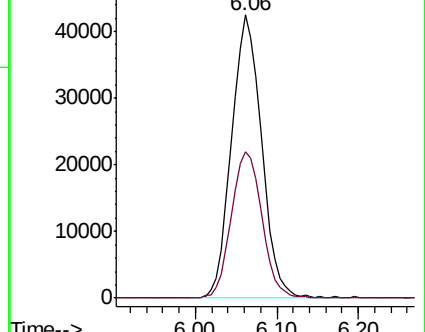
65 100

67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011231.D

Acq: 31 Jul 2019 06:08

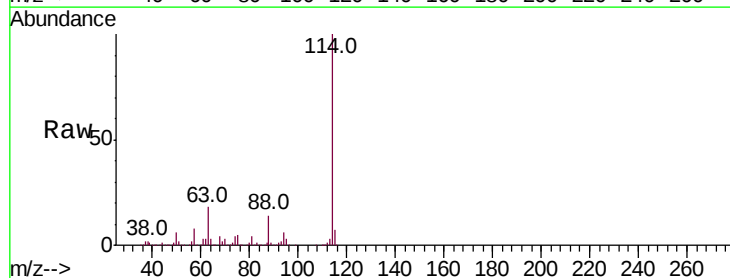
Tgt Ion: 114 Resp: 309594

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

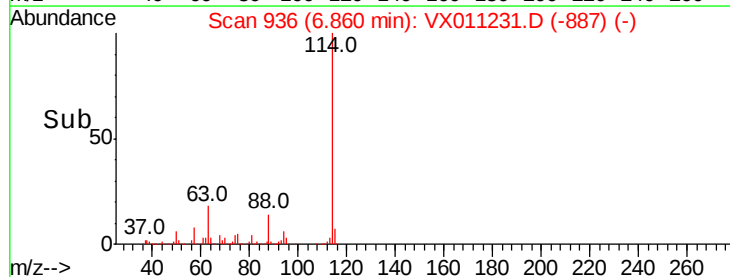
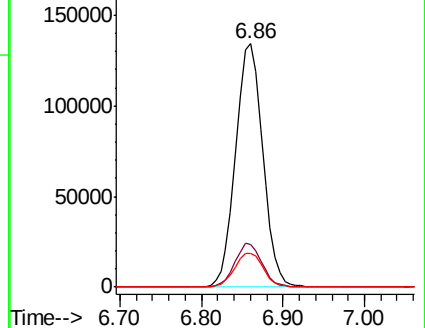
88 13.9 0.0 29.8

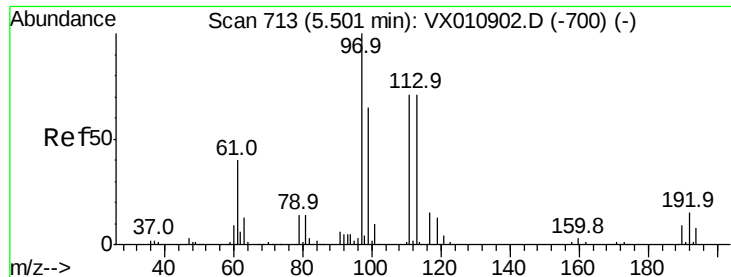


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.897 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011231.D

Acq: 31 Jul 2019 06:08

Instrument :

MSVOA_X

ClientSampleId :

GW8-20190726

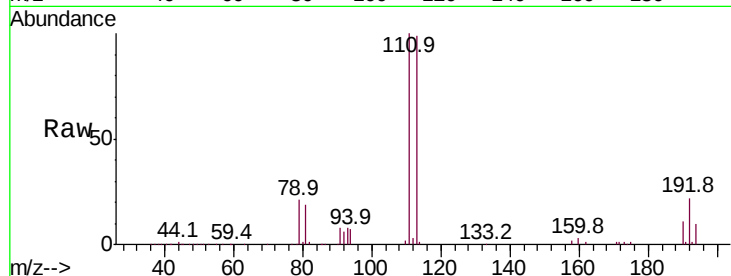
Tot Ion:113 Resp: 92156

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

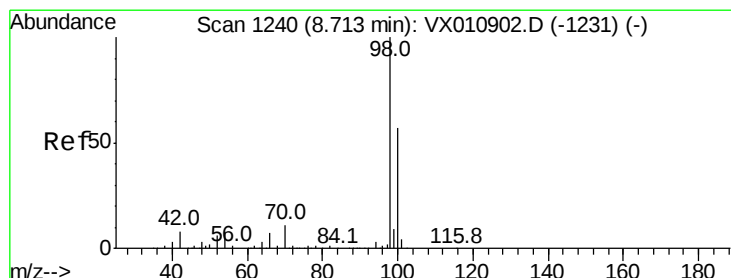
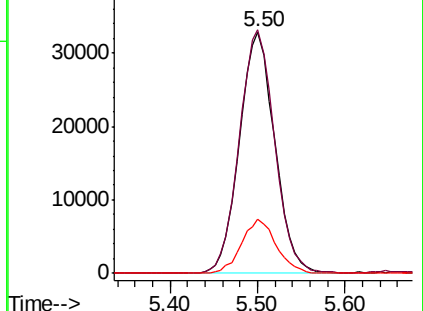
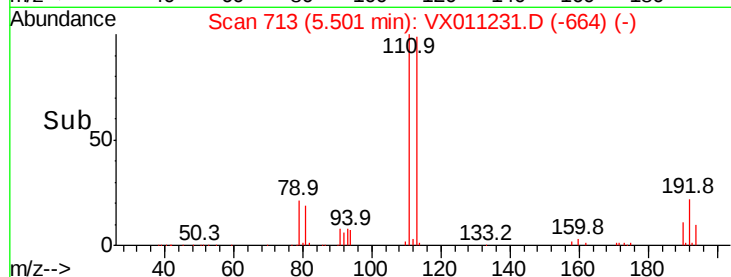
192 21.9 17.4 26.2



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



#50

Toluene-d8

Concen: 48.716 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011231.D

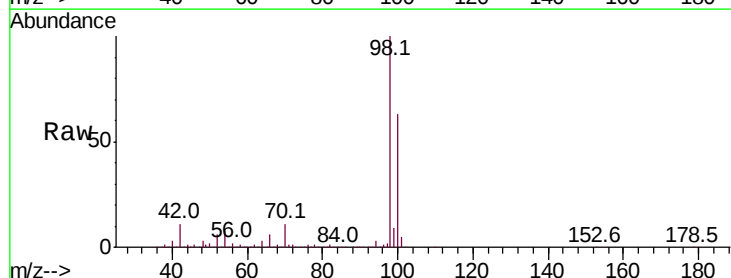
Acq: 31 Jul 2019 06:08

Tgt Ion: 98 Resp: 359046

Ion Ratio Lower Upper

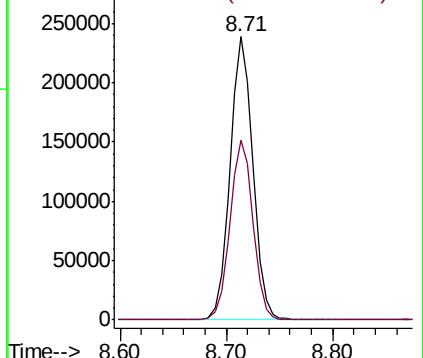
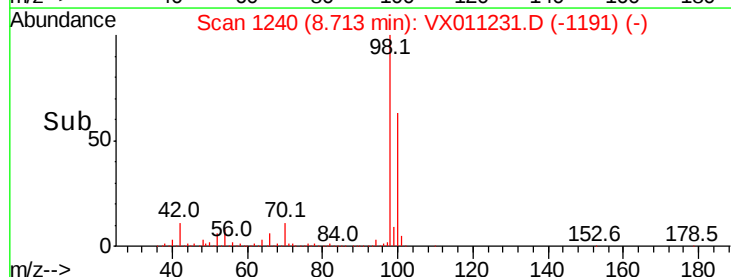
98 100

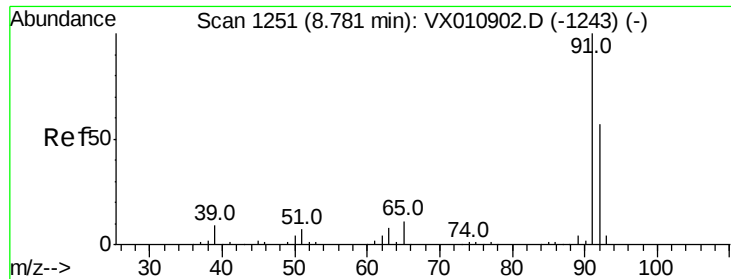
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.660 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011231.D

Acq: 31 Jul 2019 06:08

Instrument :

MSVOA_X

ClientSampleId :

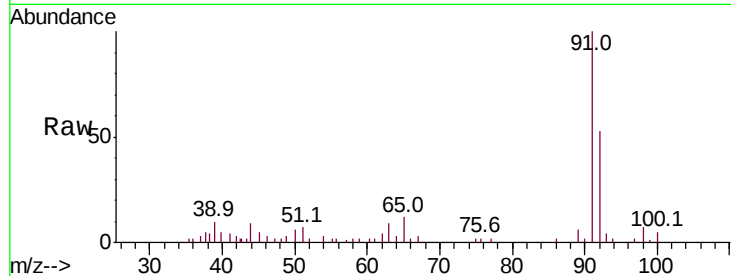
GW8-20190726

Tot Ion: 92 Resp: 3380

Ion Ratio Lower Upper

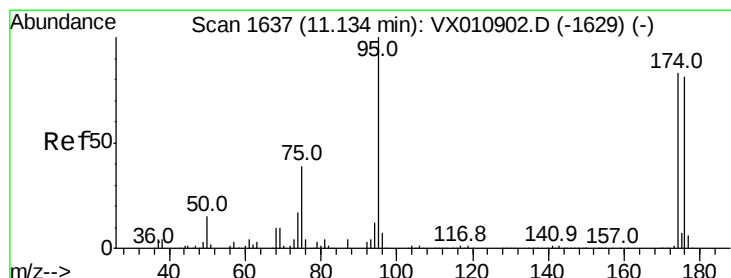
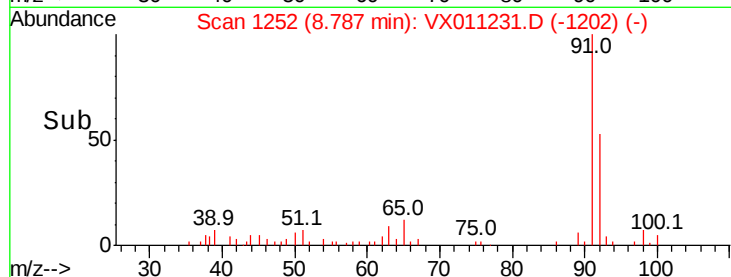
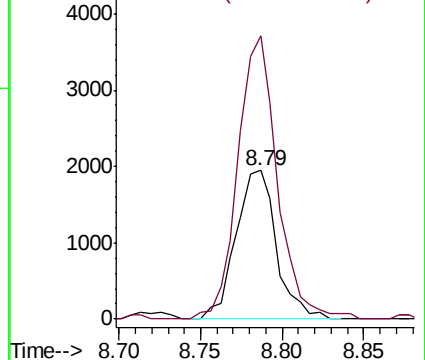
92 100

91 185.3 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011231.D

Acq: 31 Jul 2019 06:08

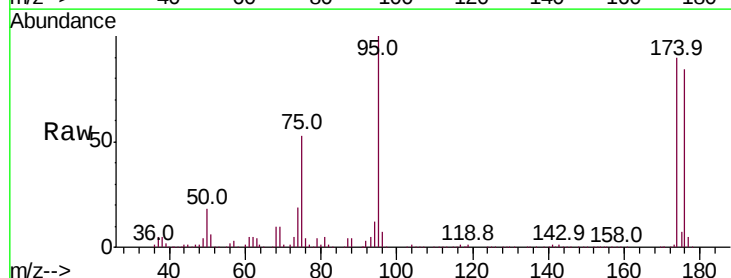
Tgt Ion: 95 Resp: 117344

Ion Ratio Lower Upper

95 100

174 93.1 0.0 180.6

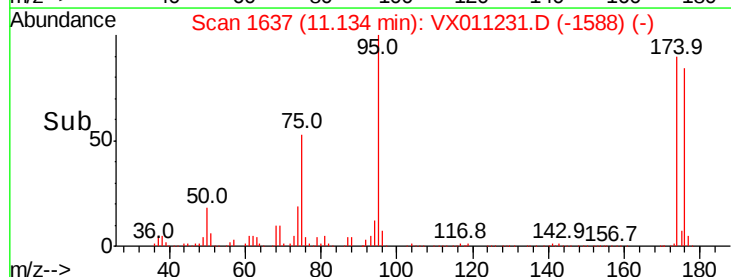
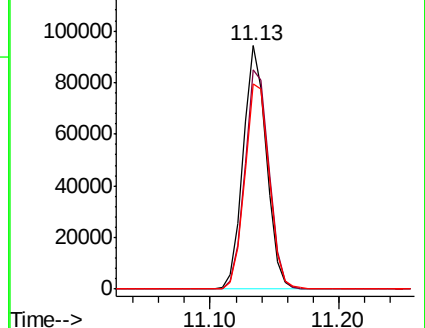
176 88.4 0.0 173.8

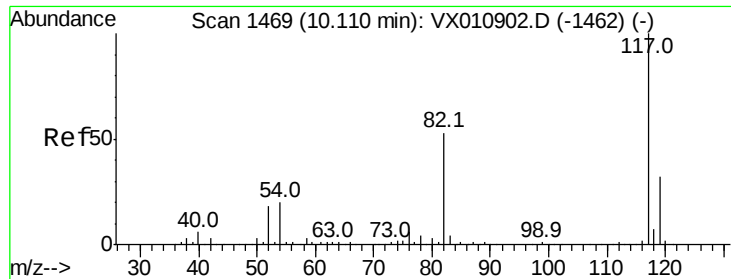


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

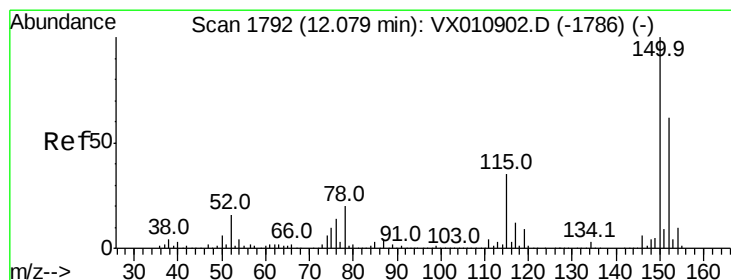
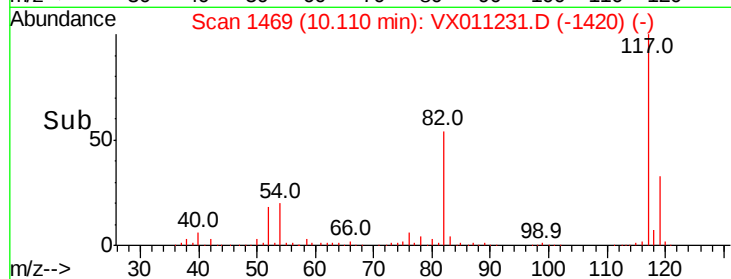
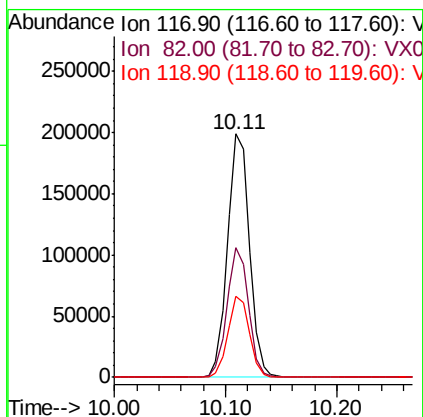
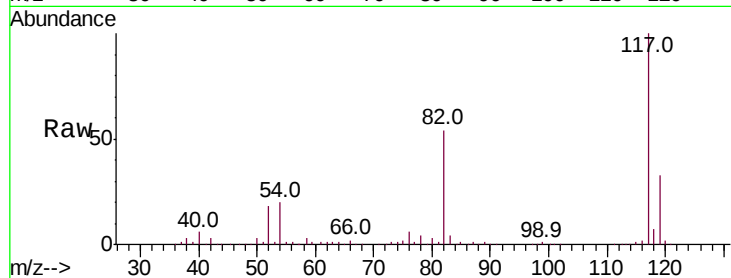




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011231.D
Acq: 31 Jul 2019 06:08

Instrument :
MSVOA_X
ClientSampled :
GW8-20190726

Tot Ion:117 Resp: 271040
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011231.D
Acq: 31 Jul 2019 06:08

Tgt Ion:152 Resp: 127364
Ion Ratio Lower Upper
152 100
115 55.2 39.7 119.1
150 158.0 0.0 345.6

