

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011208.D
 Acq On : 30 Jul 2019 20:24
 Operator : JC/SP
 Sample : K4048-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C7-GW

Quant Time: Jul 31 09:16:29 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

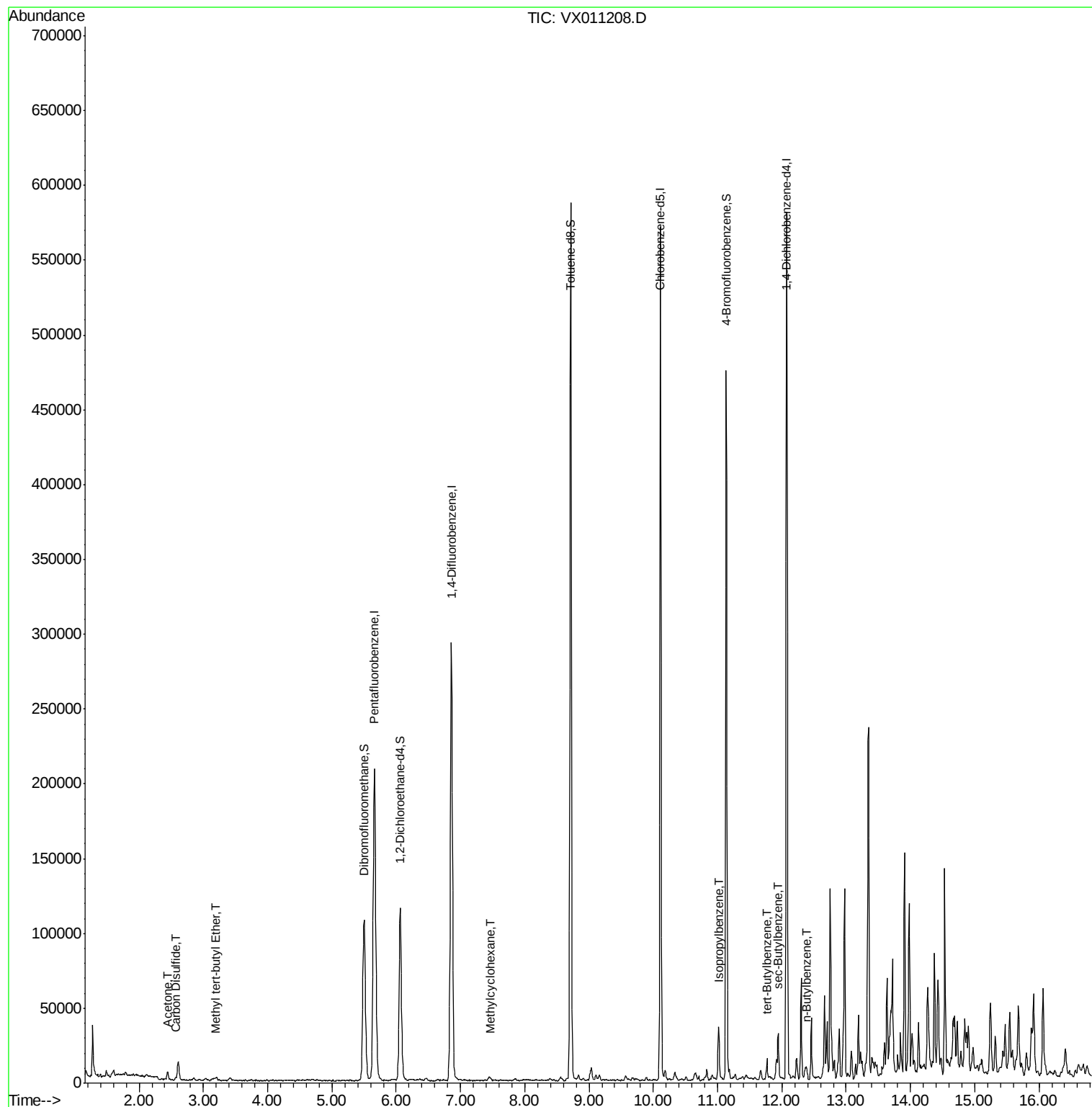
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106095	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	90849	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	8.71	98	351848	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.13	95	115444	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	6272	6.226	ug/l	93
17) Carbon Disulfide	2.57	76	2436	0.508	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1796	0.299	ug/l #	86
39) Methylcyclohexane	7.46	83	881	0.272	ug/l #	70
73) Isopropylbenzene	11.02	105	18359	2.135	ug/l	99
83) tert-Butylbenzene	11.77	119	4991	0.707	ug/l	92
85) sec-Butylbenzene	11.94	105	15076	1.823	ug/l	79
89) n-Butylbenzene	12.38	91	2484	0.380	ug/l	97

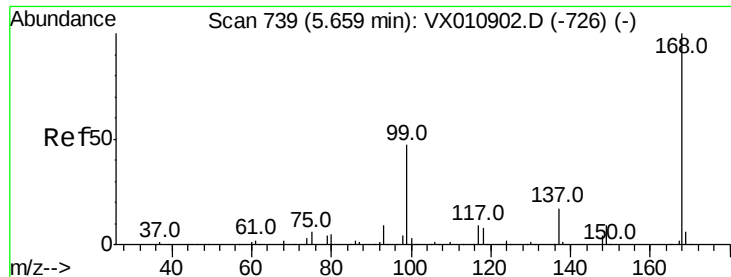
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
OWL-C7-GW

Quant Time: Jul 31 09:16:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

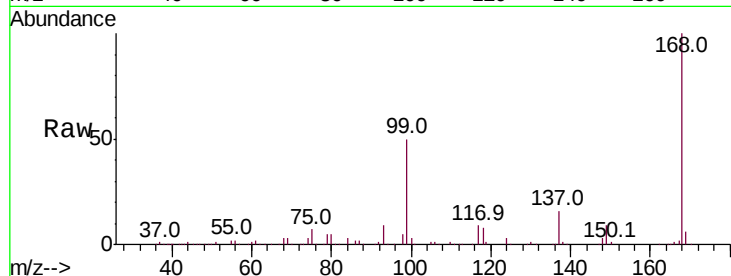
OWL-C7-GW

Tot Ion:168 Resp: 209670

Ion Ratio Lower Upper

168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

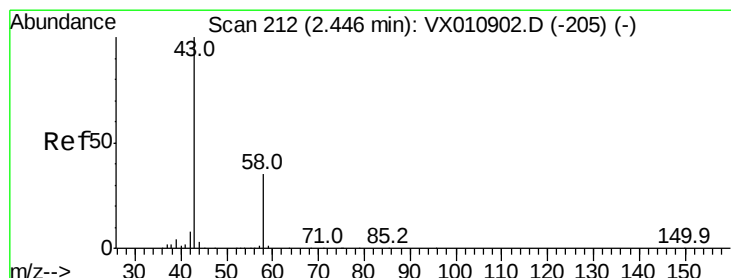
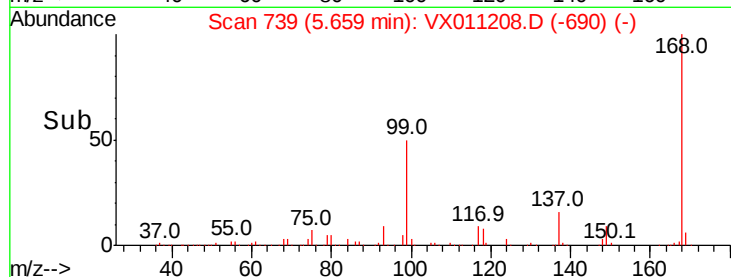
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 6.226 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011208.D

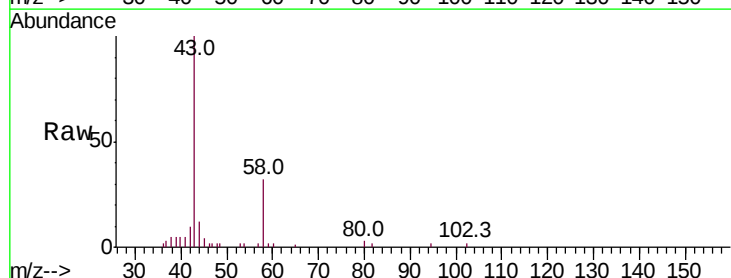
Acq: 30 Jul 2019 20:24

Tgt Ion: 43 Resp: 6272

Ion Ratio Lower Upper

43 100

58 30.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

3000

2000

1000

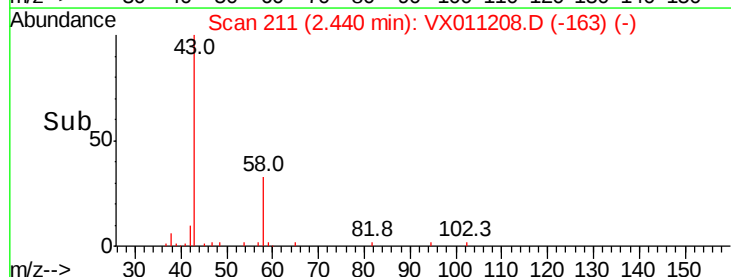
0

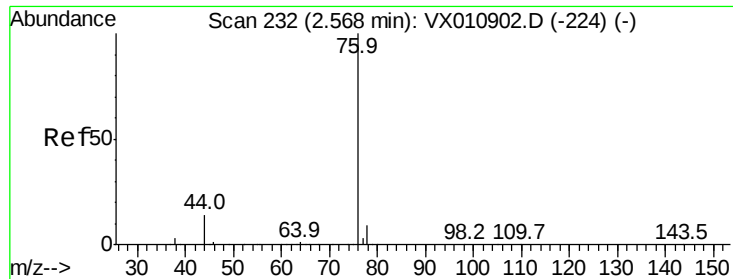
Time-->

2.40

2.45

2.50

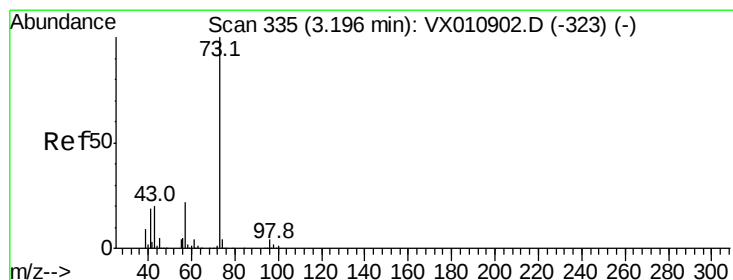
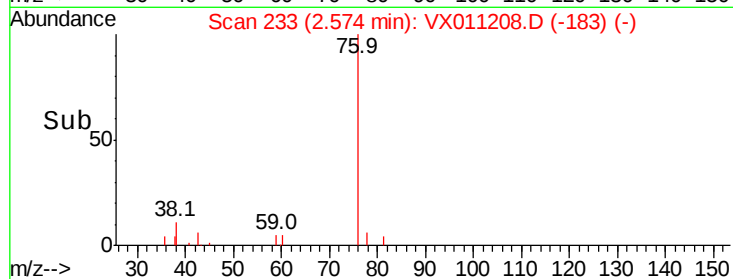
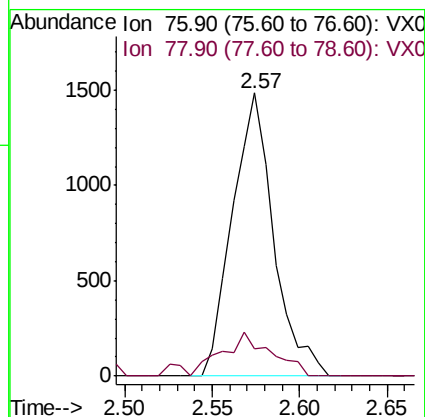
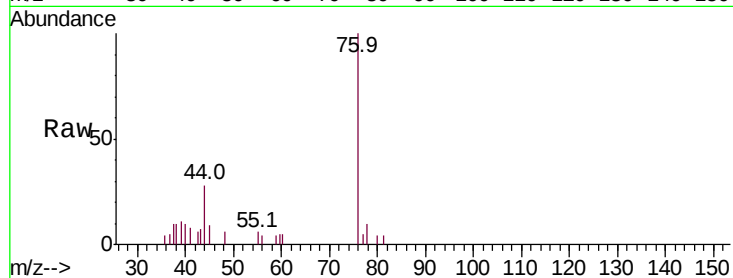




#17
Carbon Disulfide
Concen: 0.508 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX011208.D
Acq: 30 Jul 2019 20:24

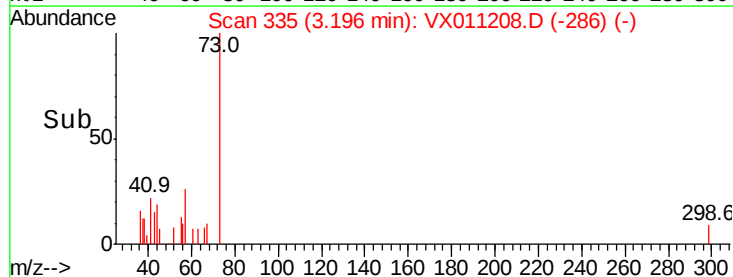
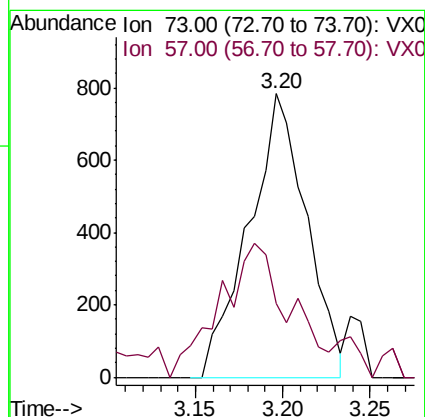
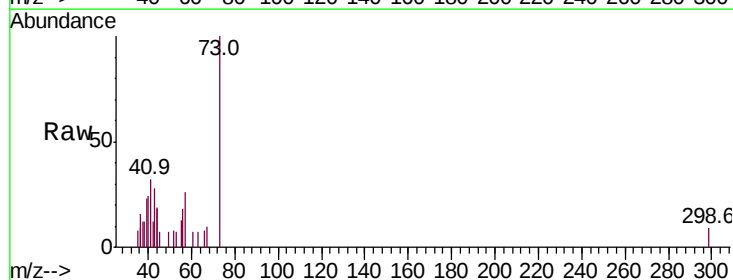
Instrument :
MSVOA_X
ClientSampleId :
OWL-C7-GW

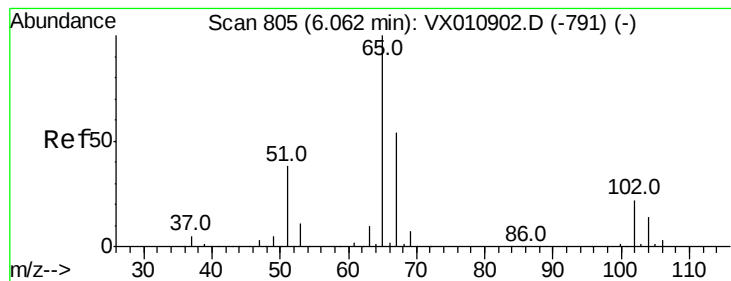
Tot Ion: 76 Resp: 2436
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#19
Methyl tert-butyl Ether
Concen: 0.299 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011208.D
Acq: 30 Jul 2019 20:24

Tgt Ion: 73 Resp: 1796
Ion Ratio Lower Upper
73 100
57 14.9 17.3 25.9#





#33

1,2-Dichloroethane-d4

Concen: 47.564 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

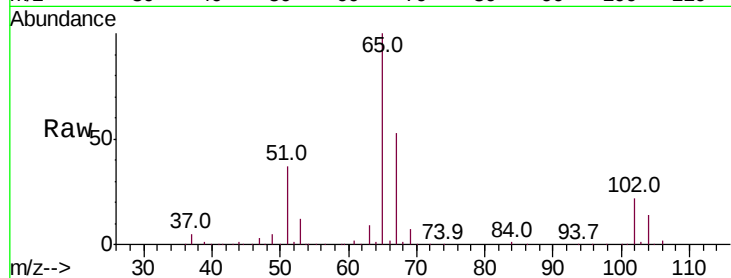
OWL-C7-GW

Tot Ion: 65 Resp: 106095

Ion Ratio Lower Upper

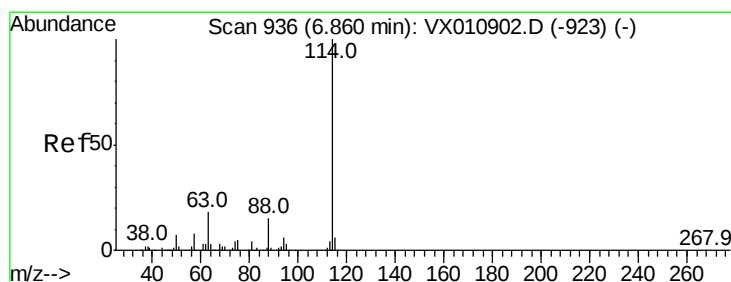
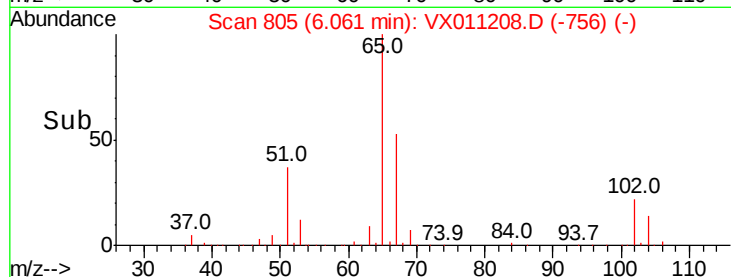
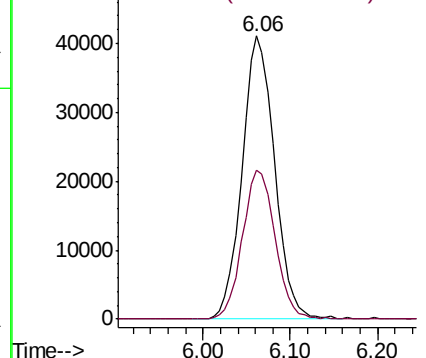
65 100

67 52.9 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: VX011208.D

Acq: 30 Jul 2019 20:24

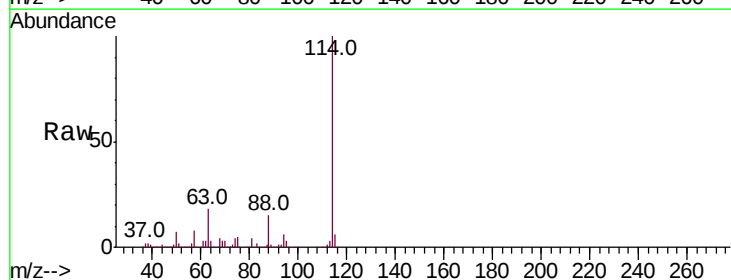
Tgt Ion:114 Resp: 303818

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

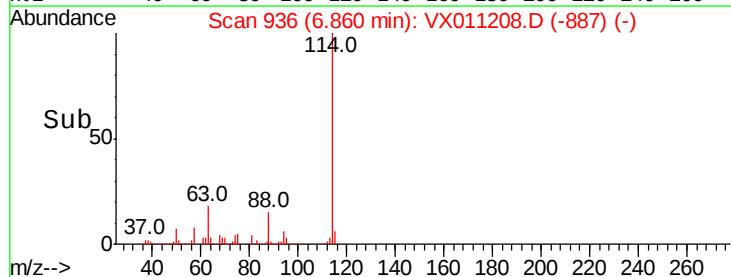
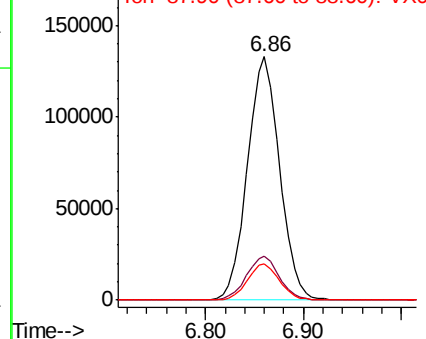
88 14.7 0.0 29.8

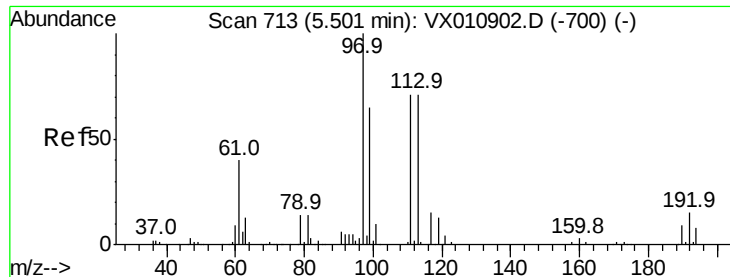


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.111 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

OWL-C7-GW

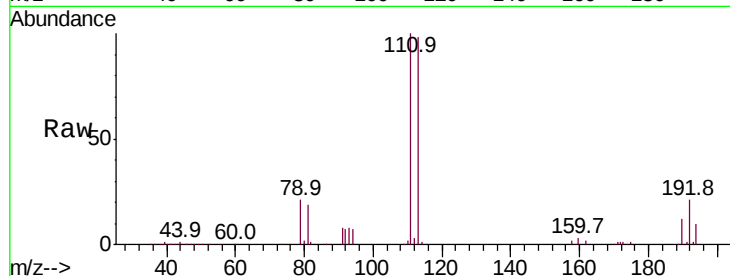
Tot Ion:113 Resp: 90849

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

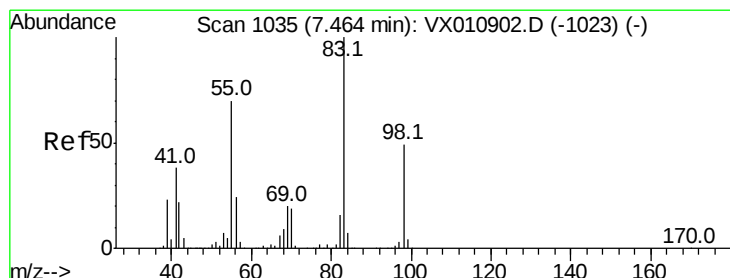
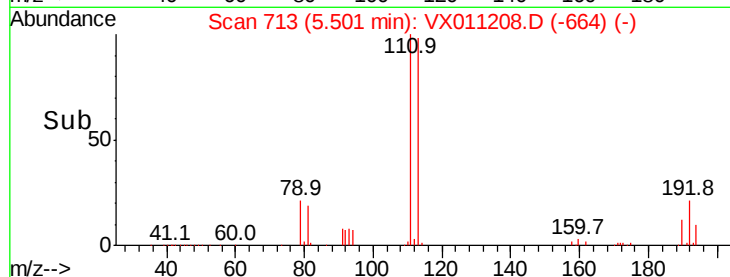
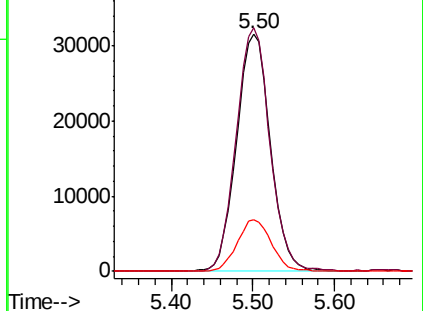
192 22.0 17.4 26.2



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



#39

Methylcyclohexane

Concen: 0.272 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

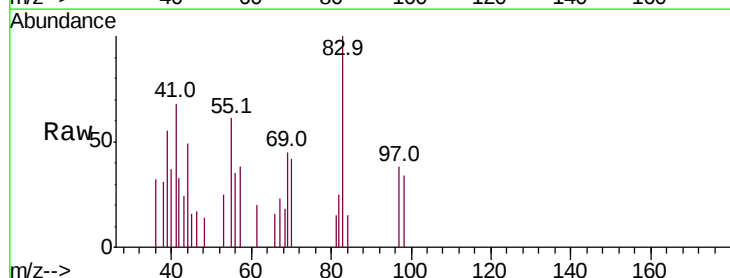
Tgt Ion: 83 Resp: 881

Ion Ratio Lower Upper

83 100

55 41.4 56.2 84.4#

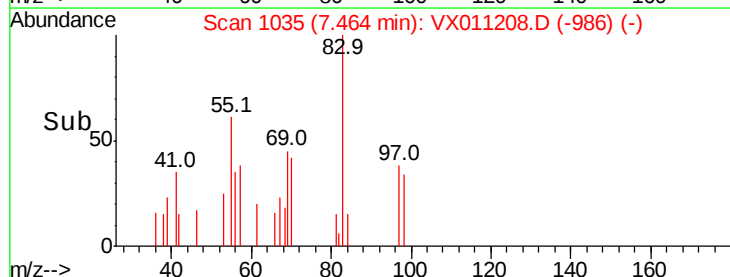
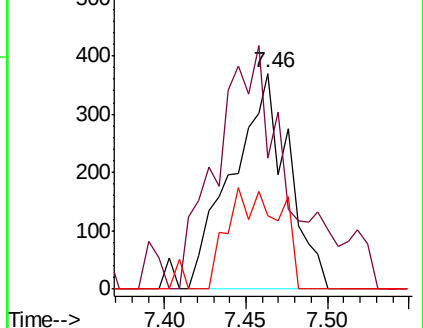
98 34.1 39.0 58.4#

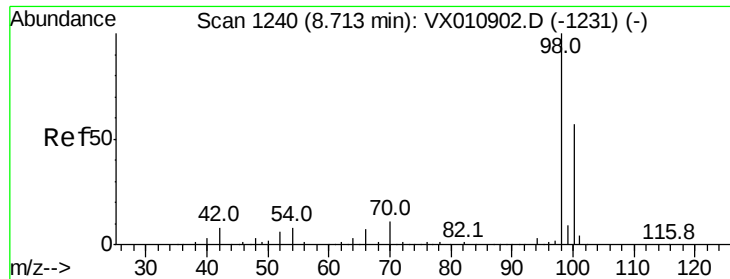


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.647 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

Instrument :

MSVOA_X

ClientSampled :

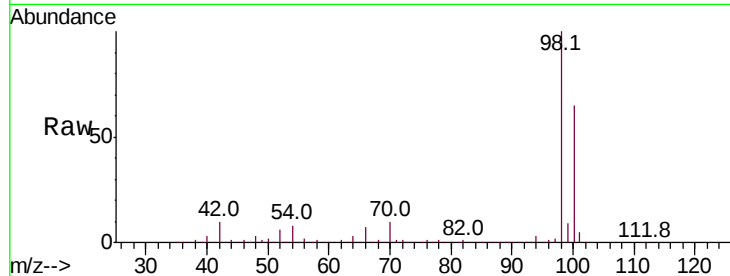
OWL-C7-GW

Tot Ion: 98 Resp: 351848

Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

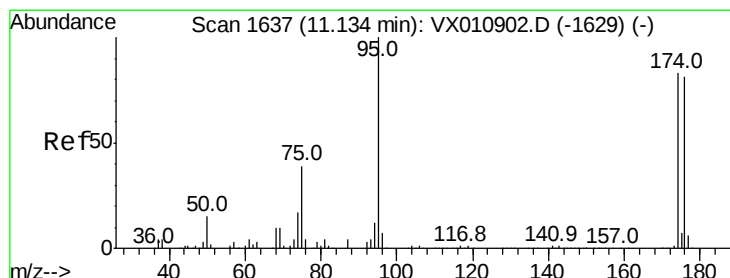
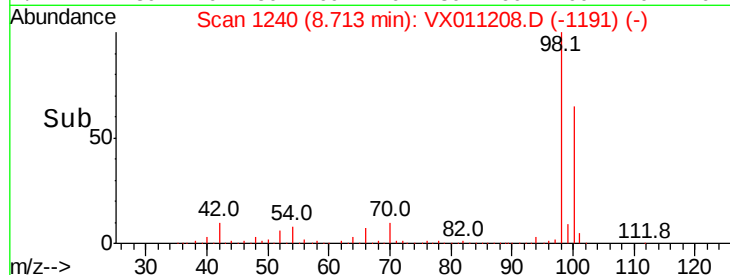
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.424 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

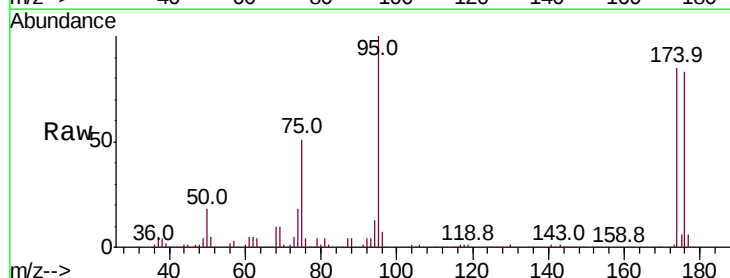
Tgt Ion: 95 Resp: 115444

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

176 88.7 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

120000

100000

80000

60000

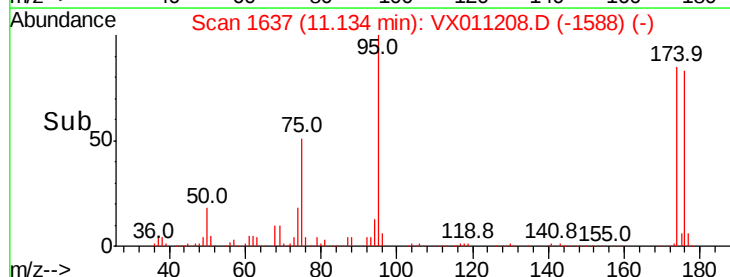
40000

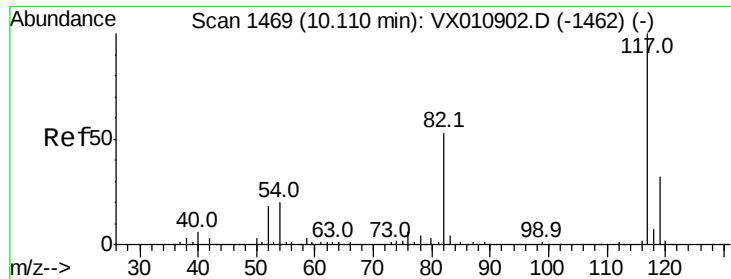
20000

0

11.10 11.15

Time-->

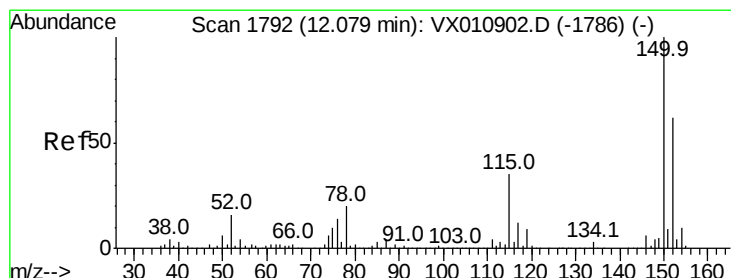
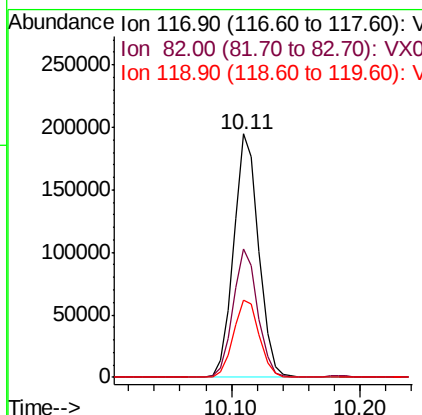
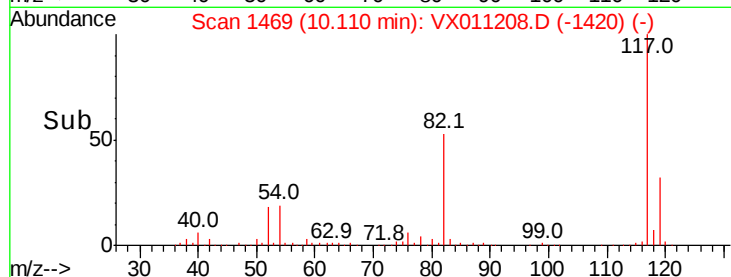
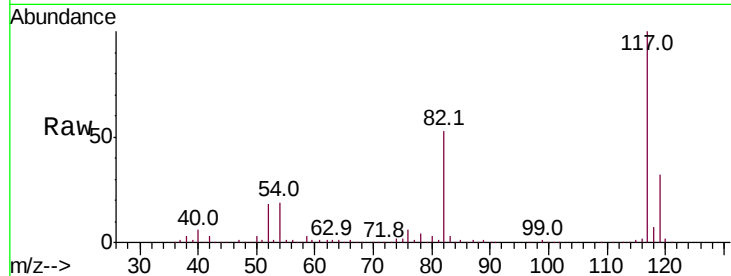




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011208.D
Acq: 30 Jul 2019 20:24

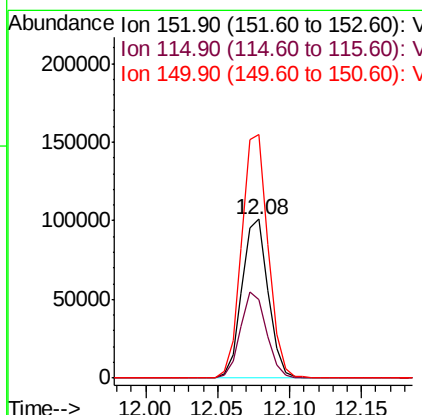
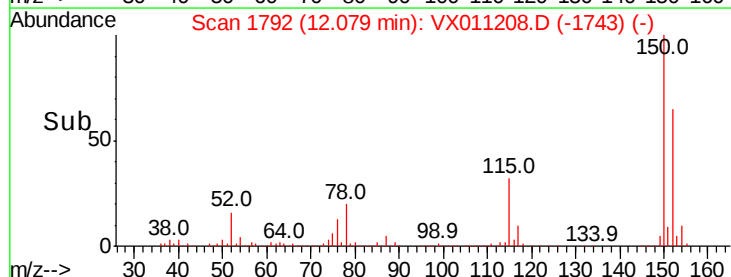
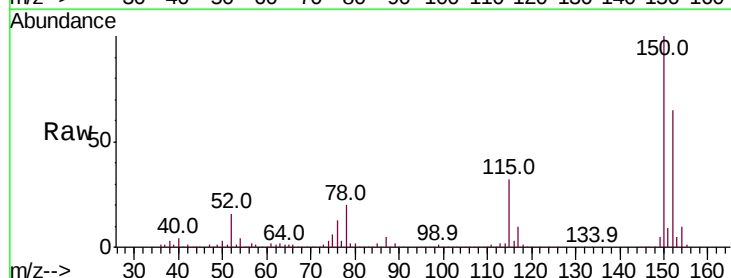
Instrument :
MSVOA_X
ClientSampleId :
OWL-C7-GW

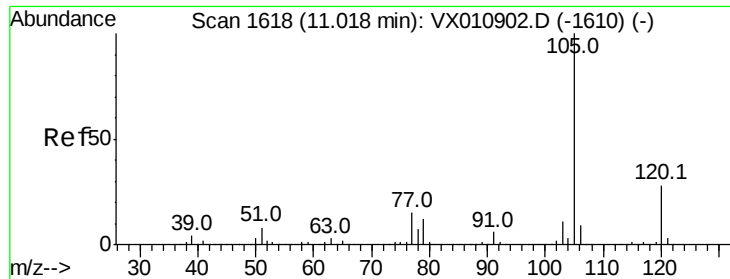
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	32.0	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011208.D
Acq: 30 Jul 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.7	119.1
150	155.2	0.0	345.6





#73

Isopropylbenzene

Concen: 2.135 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

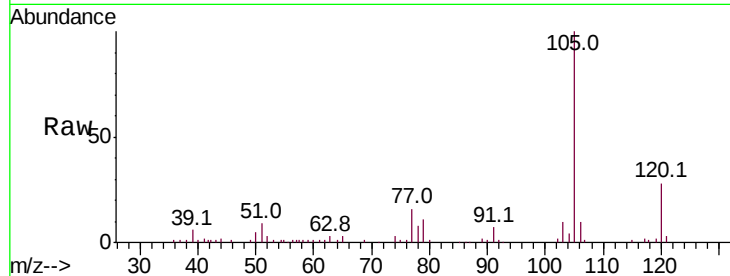
OWL-C7-GW

Tot Ion:105 Resp: 18359

Ion Ratio Lower Upper

105 100

120 28.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

15000

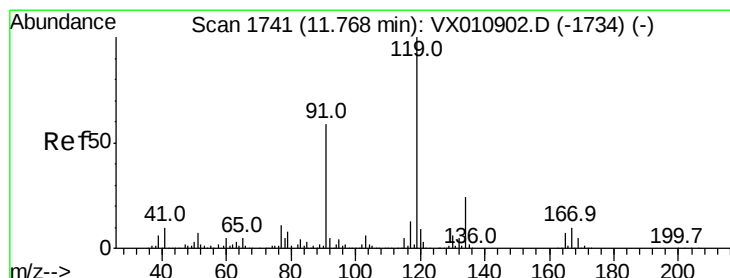
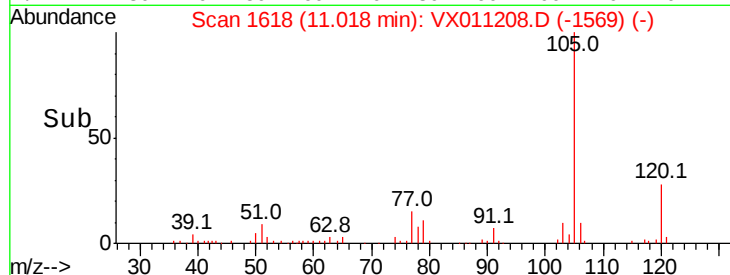
10000

5000

0

Time-->

10.95 11.00 11.05



#83

tert-Butylbenzene

Concen: 0.707 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011208.D

Acq: 30 Jul 2019 20:24

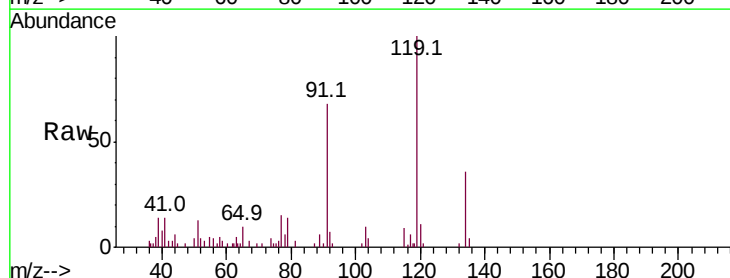
Tgt Ion:119 Resp: 4991

Ion Ratio Lower Upper

119 100

91 64.0 28.6 85.8

134 26.5 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

4000

3000

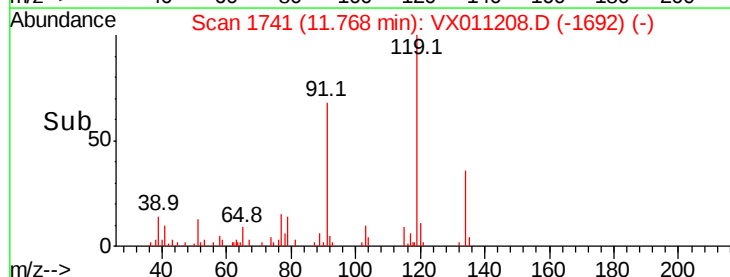
2000

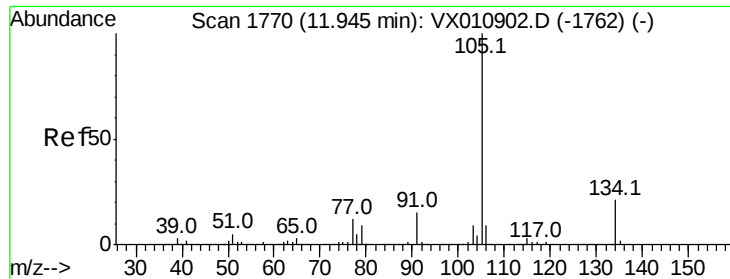
1000

0

Time-->

11.70 11.75 11.80

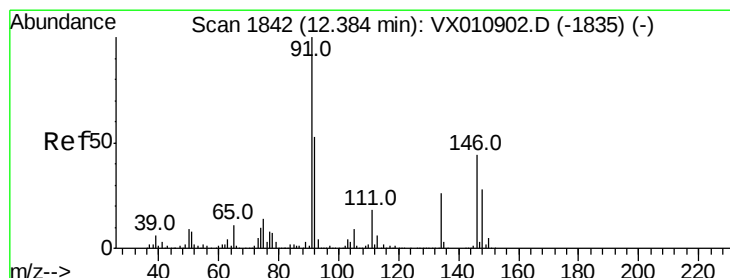
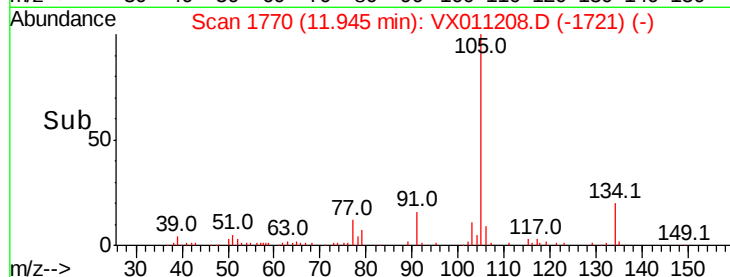
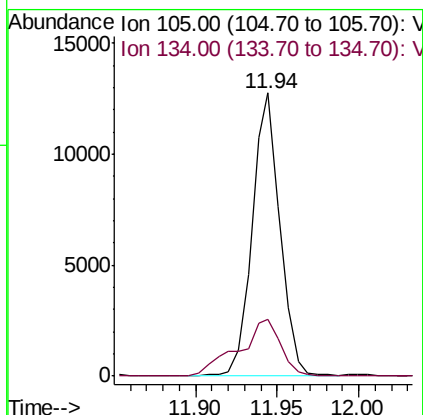
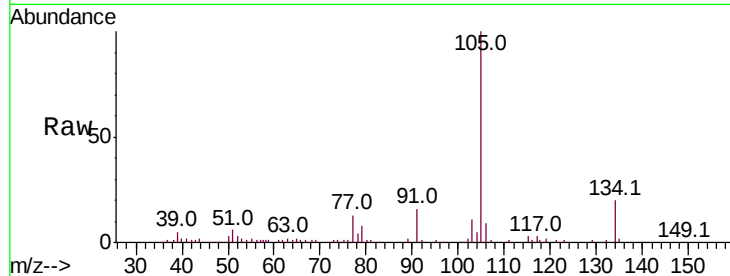




#85
 sec-Butylbenzene
 Concen: 1.823 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011208.D
 Acq: 30 Jul 2019 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C7-GW

Tot Ion:105 Resp: 15076
 Ion Ratio Lower Upper
 105 100
 134 30.5 10.4 31.4



#89
 n-Butylbenzene
 Concen: 0.380 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX011208.D
 Acq: 30 Jul 2019 20:24

Tgt Ion: 91 Resp: 2484
 Ion Ratio Lower Upper
 91 100
 92 49.5 26.2 78.5
 134 26.5 13.8 41.3

