

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011210.D
 Acq On : 30 Jul 2019 21:11
 Operator : JC/SP
 Sample : K4048-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C5-GW

Quant Time: Jul 31 09:21:05 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

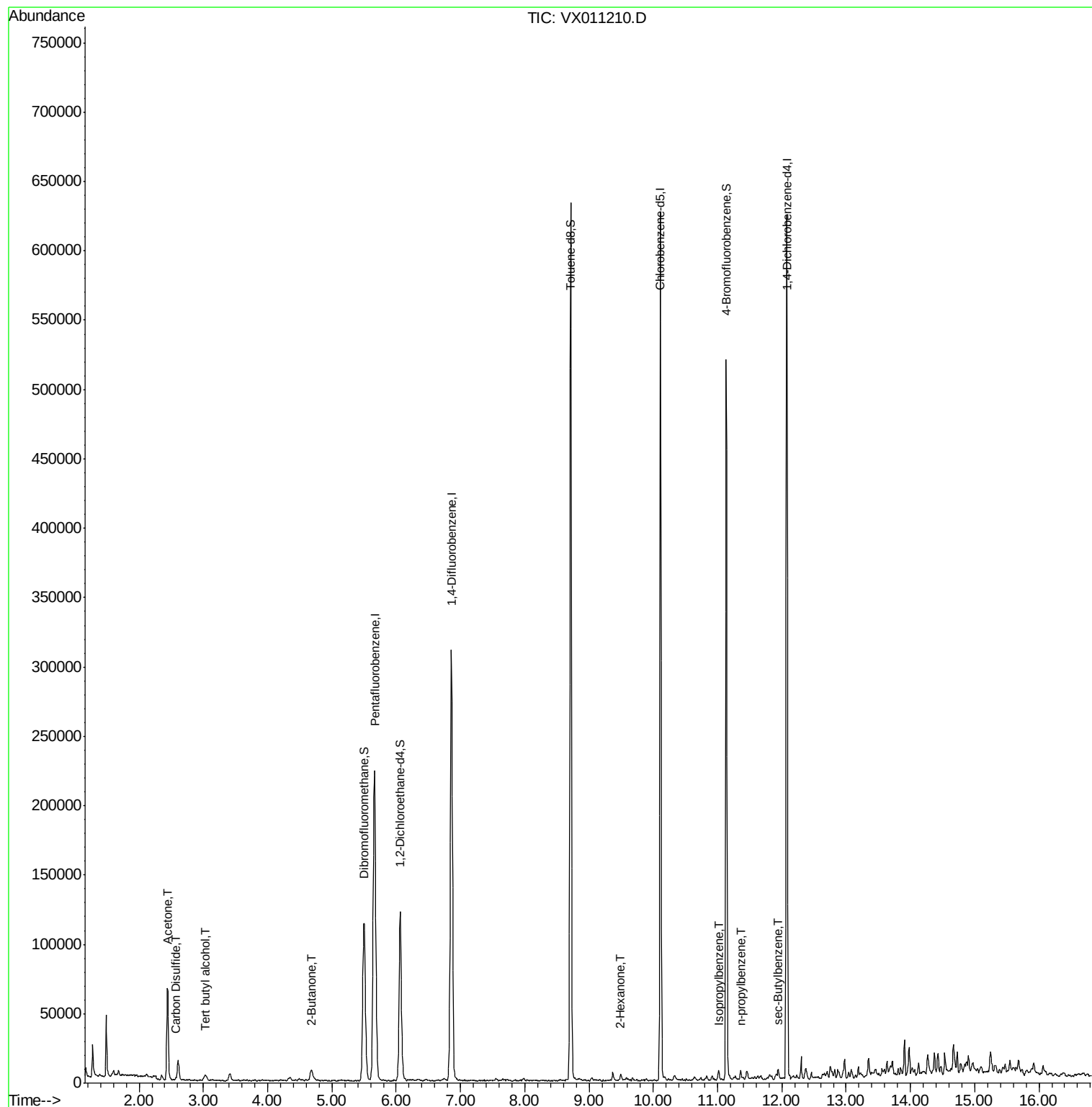
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111297	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
35) Dibromofluoromethane	5.50	113	97151	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	8.71	98	378963	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.13	95	128504	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	4182	7.414	ug/l	95
16) Acetone	2.44	43	71087	64.985	ug/l	93
17) Carbon Disulfide	2.57	76	2363	0.454	ug/l #	94
25) 2-Butanone	4.68	43	11559	7.361	ug/l	93
59) 2-Hexanone	9.49	43	2841	1.251	ug/l	98
73) Isopropylbenzene	11.02	105	3447	0.373	ug/l	97
78) n-propylbenzene	11.36	91	4079	0.400	ug/l	99
85) sec-Butylbenzene	11.94	105	2825	0.318	ug/l #	72

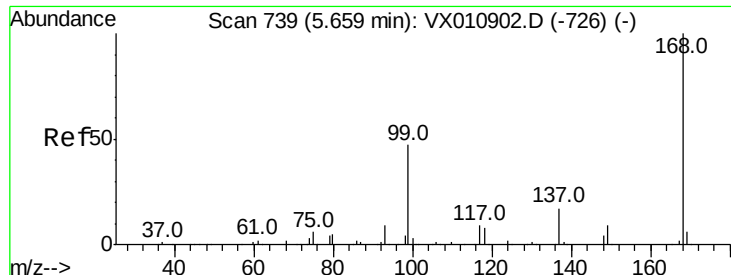
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

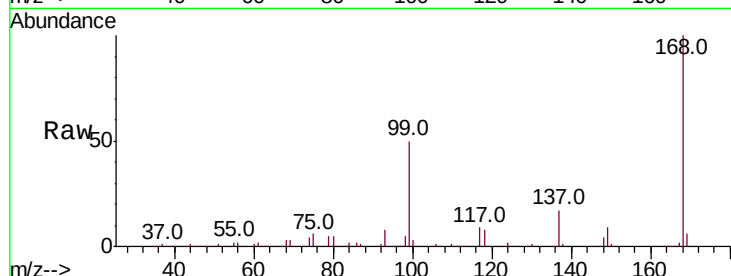
OWL-C5-GW

Tot Ion:168 Resp: 227665

Ion Ratio Lower Upper

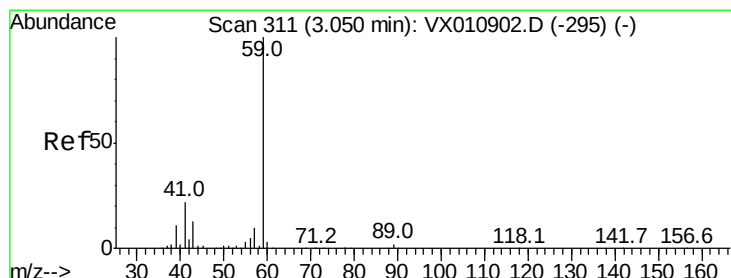
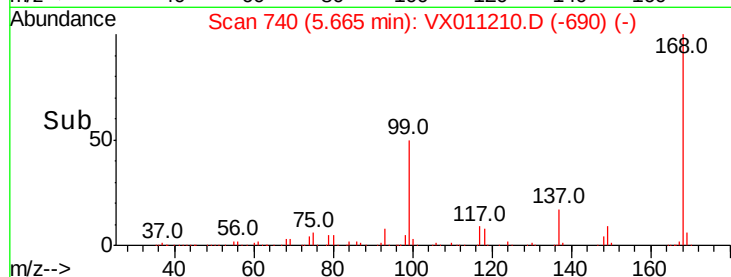
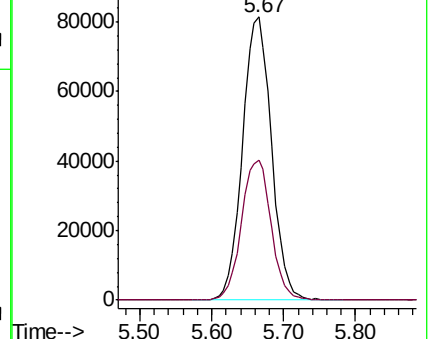
168 100

99 49.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 7.414 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX011210.D

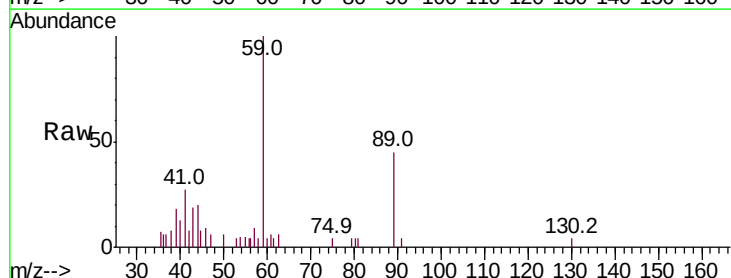
Acq: 30 Jul 2019 21:11

Tgt Ion: 59 Resp: 4182

Ion Ratio Lower Upper

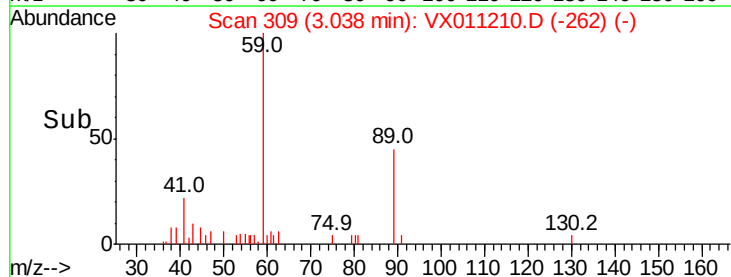
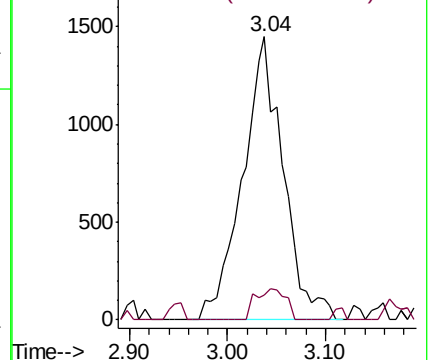
59 100

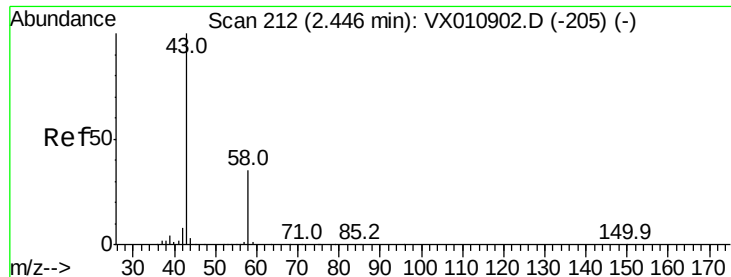
57 8.1 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 64.985 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

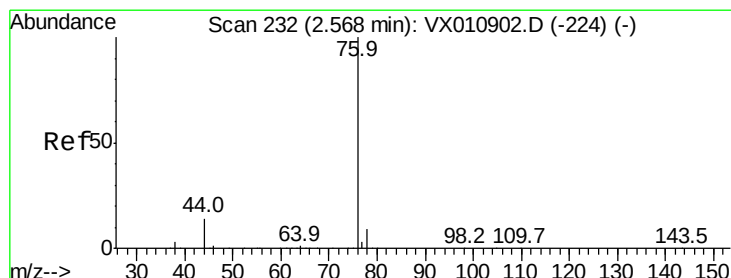
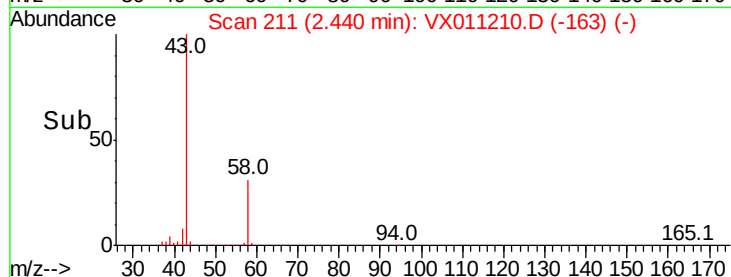
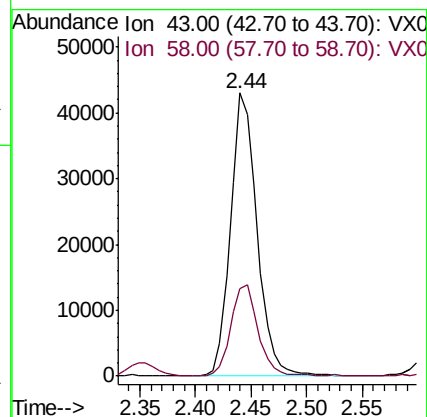
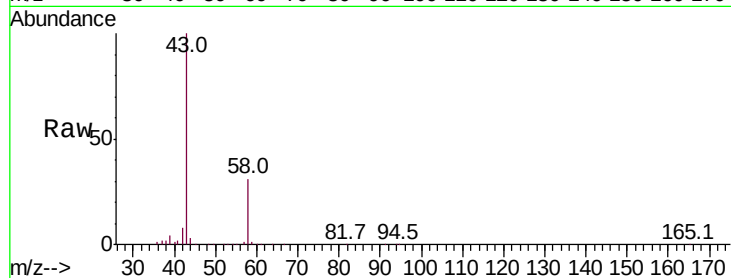
OWL-C5-GW

Tot Ion: 43 Resp: 71087

Ion Ratio Lower Upper

43 100

58 30.7 27.7 41.5



#17

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX011210.D

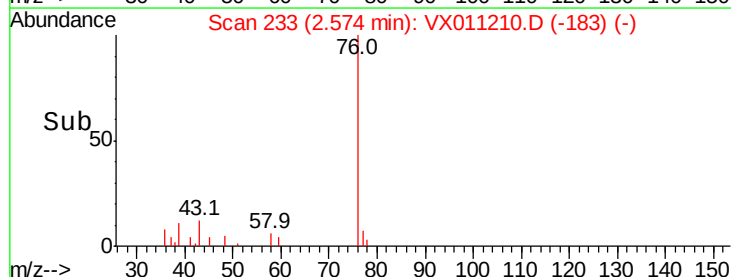
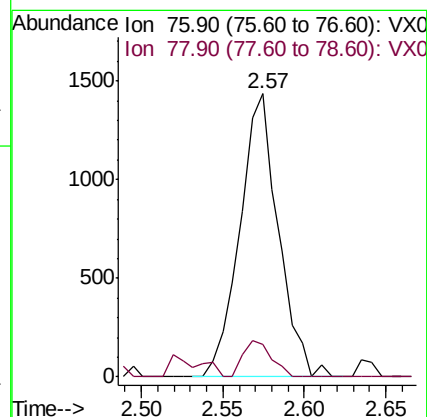
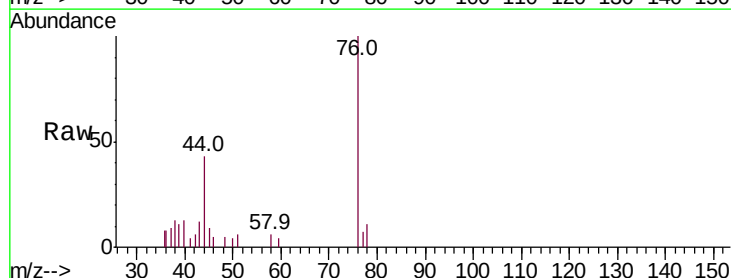
Acq: 30 Jul 2019 21:11

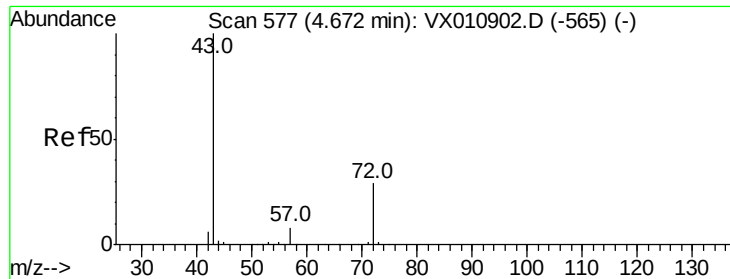
Tgt Ion: 76 Resp: 2363

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#





#25

2-Butanone

Concen: 7.361 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Instrument :

MSVOA_X

ClientSampled :

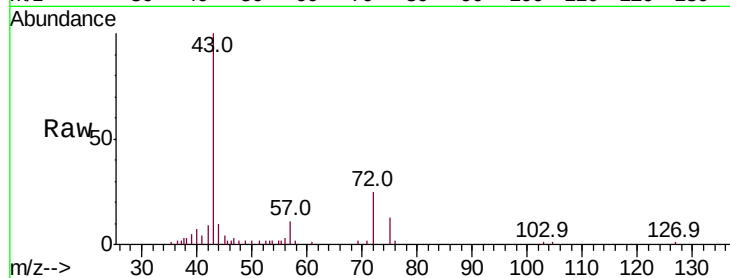
OWL-C5-GW

Tot Ion: 43 Resp: 11559

Ion Ratio Lower Upper

43 100

72 25.1 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

4000

3000

2000

1000

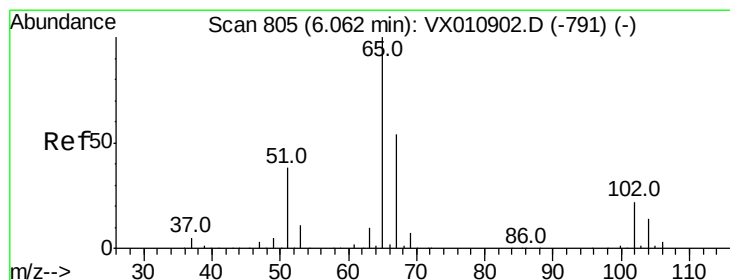
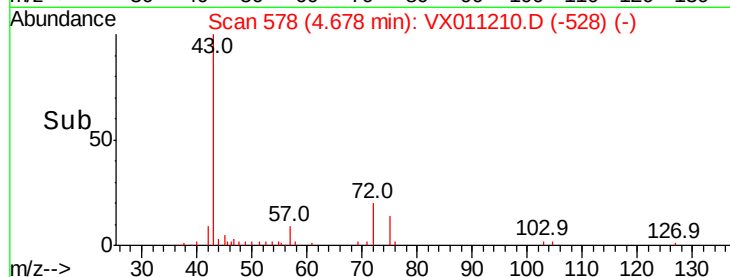
0

Time-->

4.60

4.70

4.80



#33

1,2-Dichloroethane-d4

Concen: 45.952 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011210.D

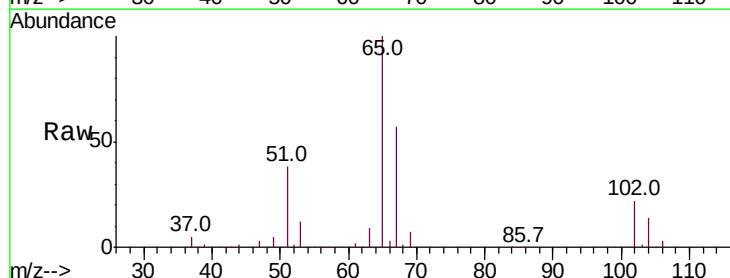
Acq: 30 Jul 2019 21:11

Tgt Ion: 65 Resp: 111297

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

20000

10000

0

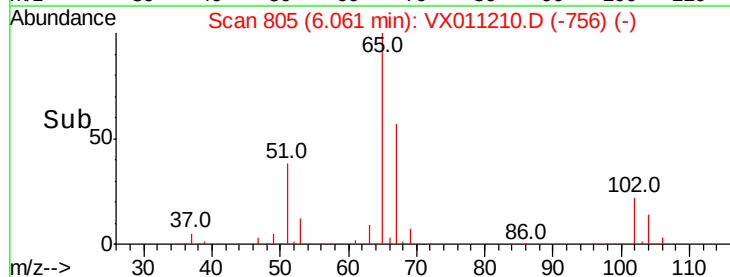
Time-->

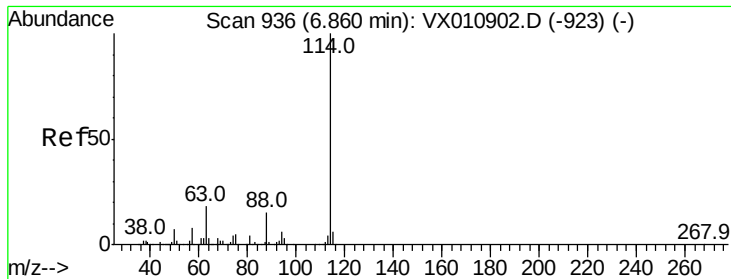
5.90

6.00

6.10

6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

OWL-C5-GW

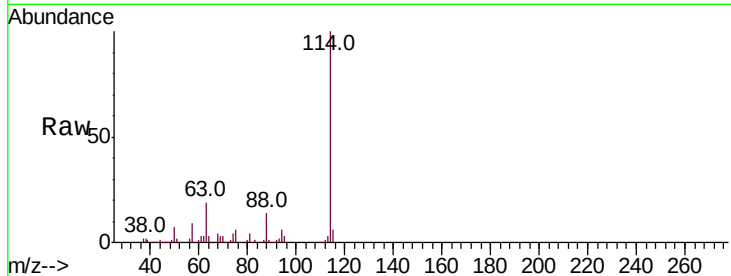
Tot Ion:114 Resp: 326462

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

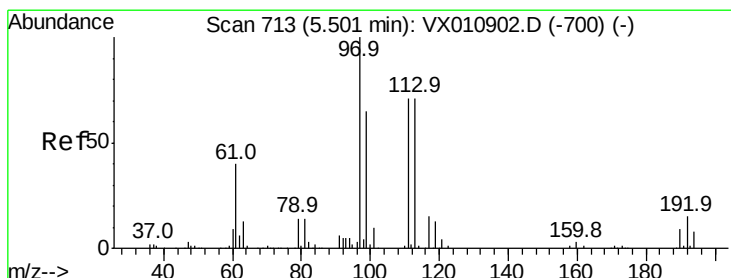
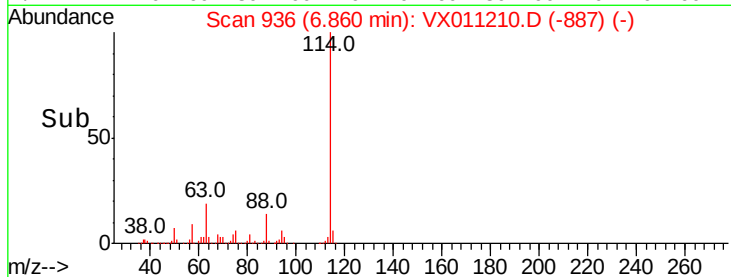
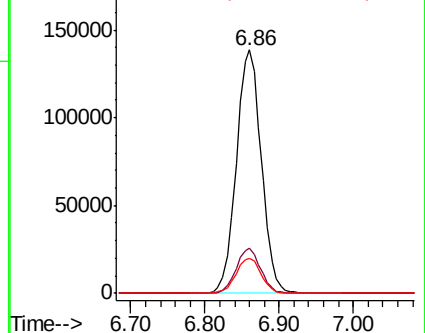
88 14.5 0.0 29.8



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: 46.885 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

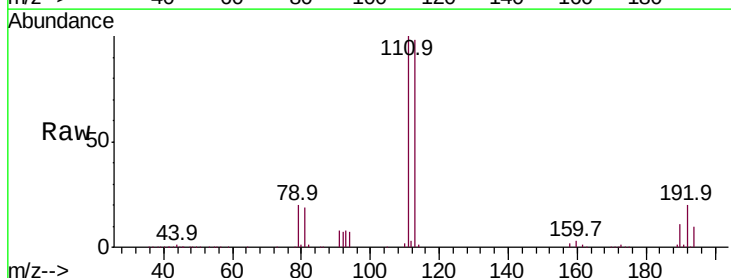
Tgt Ion:113 Resp: 97151

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

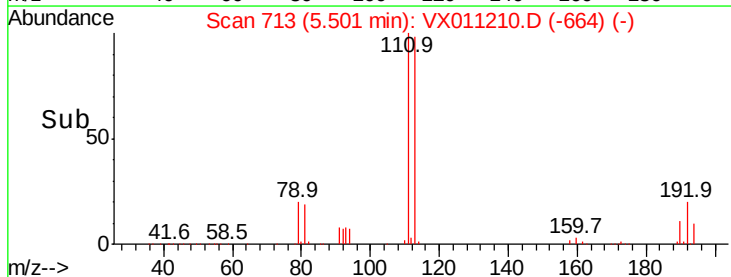
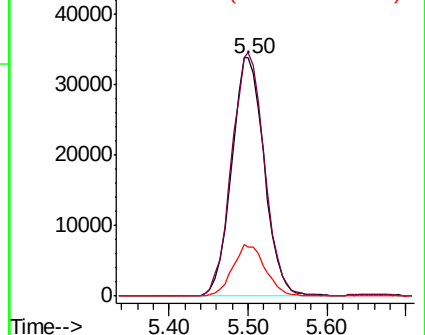
192 21.6 17.4 26.2

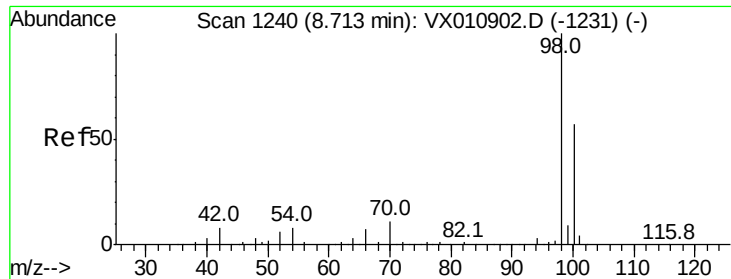


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

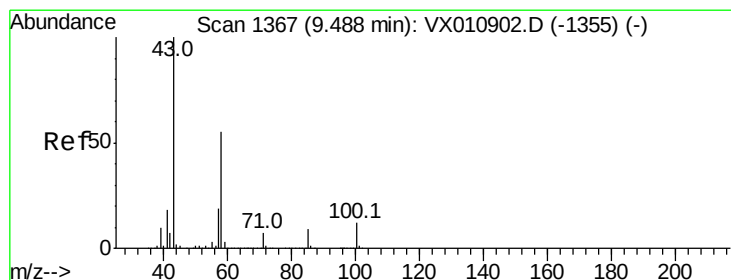
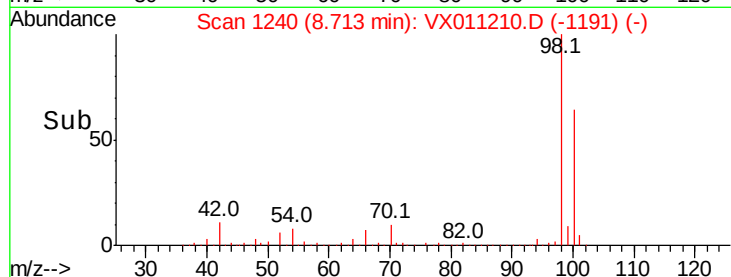
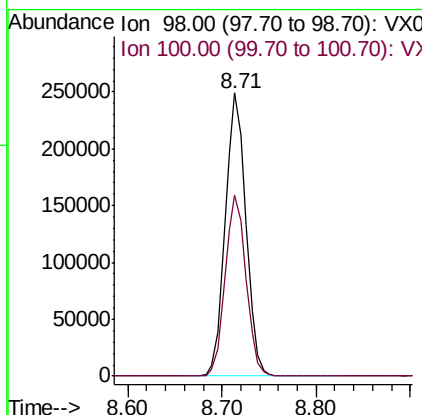
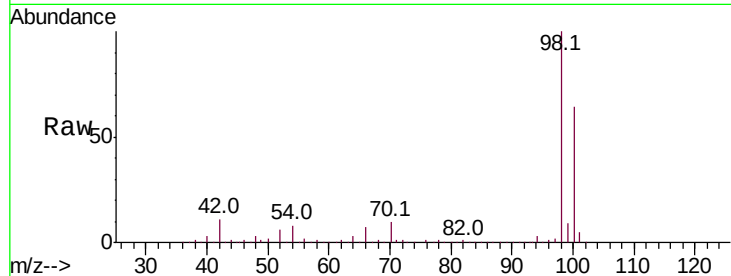




#50
Toluene-d8
Concen: 48.761 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011210.D
Acq: 30 Jul 2019 21:11

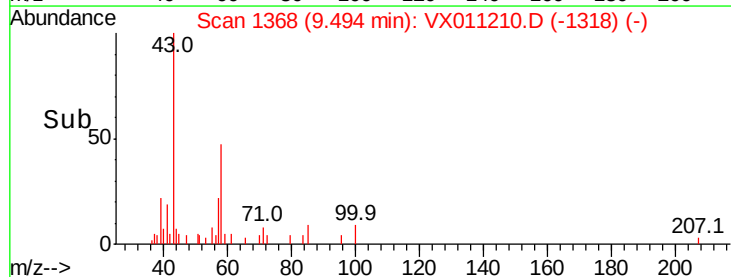
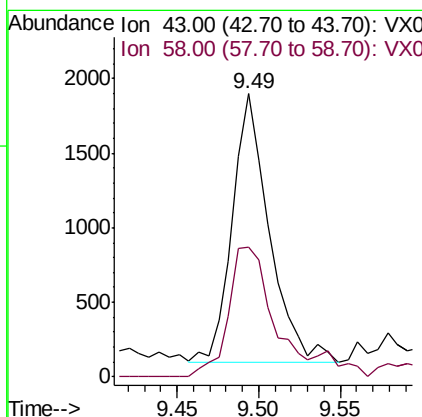
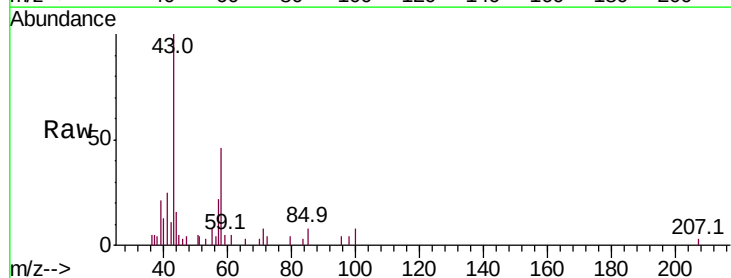
Instrument :
MSVOA_X
ClientSampled :
OWL-C5-GW

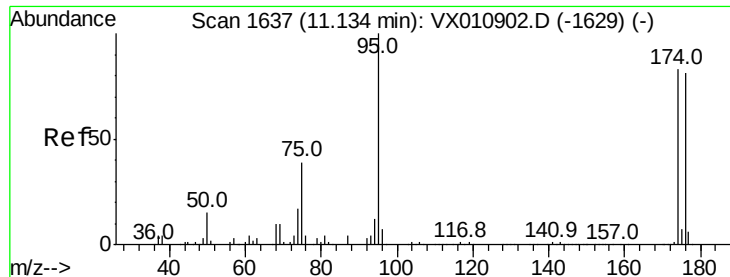
Tot Ion: 98 Resp: 378963
Ion Ratio Lower Upper
98 100
100 64.3 50.6 75.8



#59
2-Hexanone
Concen: 1.251 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011210.D
Acq: 30 Jul 2019 21:11

Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 57.5 28.0 83.9





#62

4-Bromofluorobenzene

Concen: 44.984 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Instrument :

MSVOA_X

ClientSampled :

OWL-C5-GW

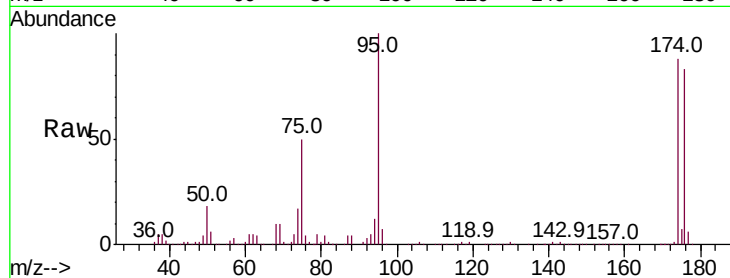
Tot Ion: 95 Resp: 128504

Ion Ratio Lower Upper

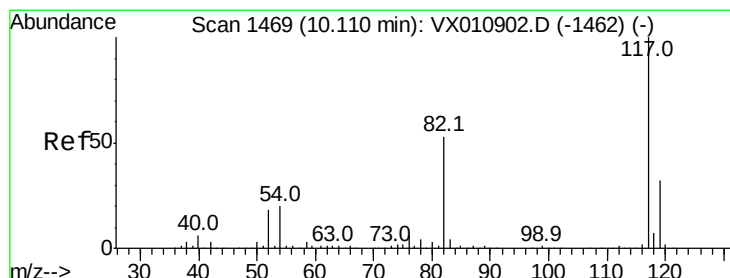
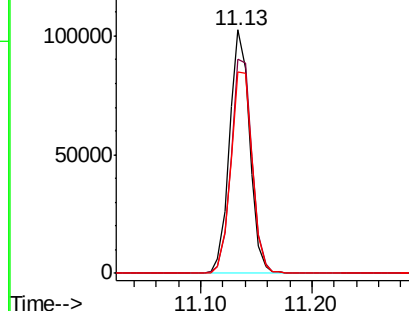
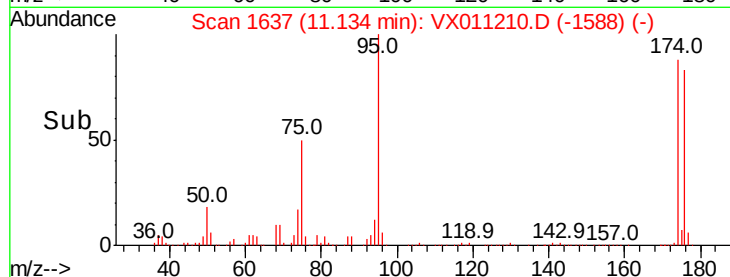
95 100

174 91.3 0.0 180.6

176 87.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011210.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

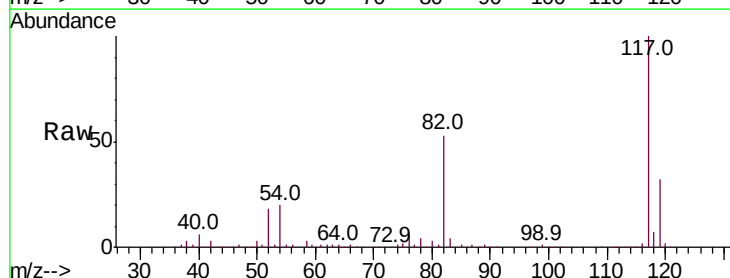
Tgt Ion: 117 Resp: 290236

Ion Ratio Lower Upper

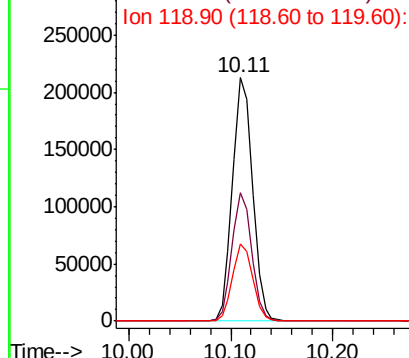
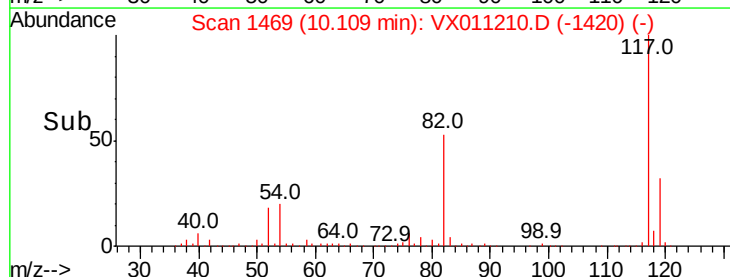
117 100

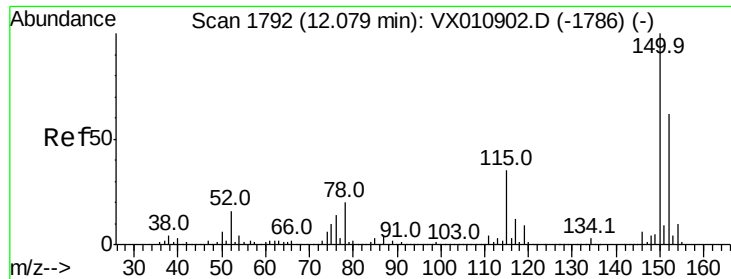
82 52.8 42.6 63.8

119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011210.D (-1420) (-)

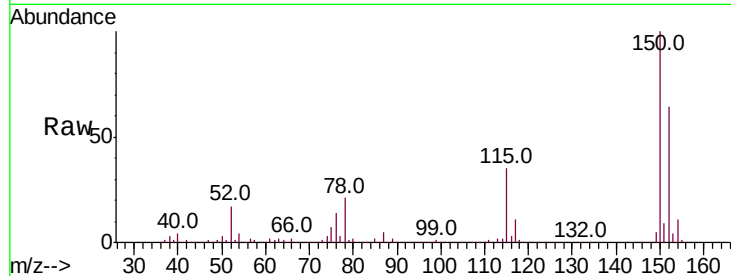




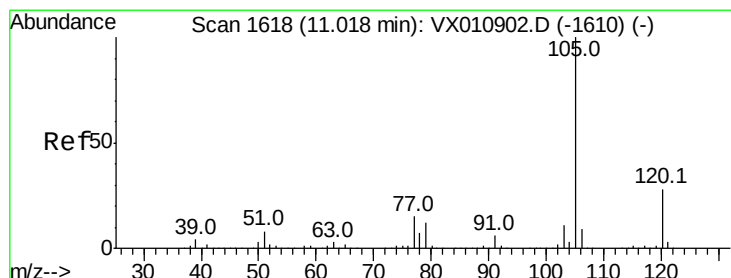
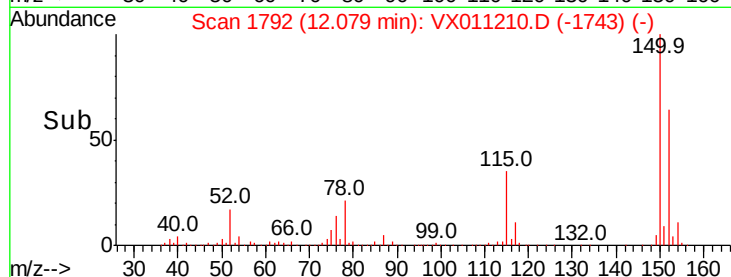
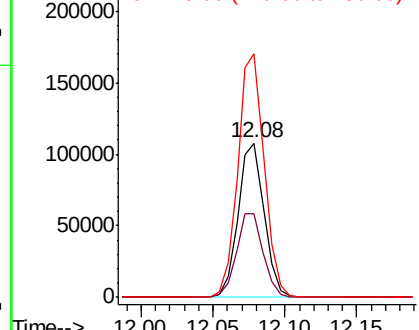
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011210.D
 Acq: 30 Jul 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C5-GW

Tot Ion:152 Resp: 136715
 Ion Ratio Lower Upper
 152 100
 115 56.2 39.7 119.1
 150 159.2 0.0 345.6

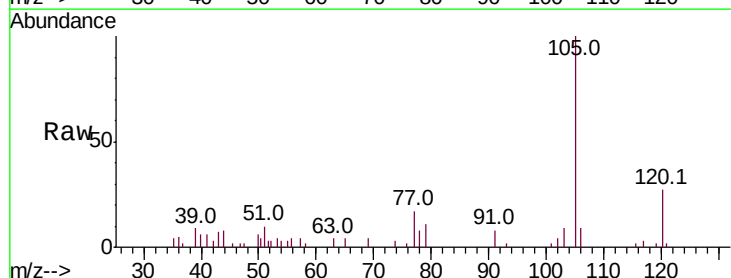


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

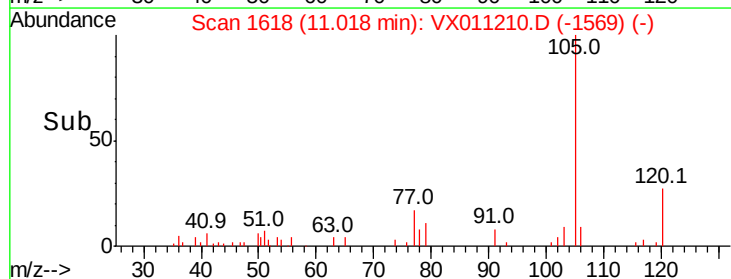
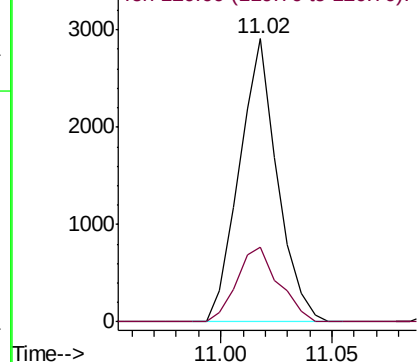


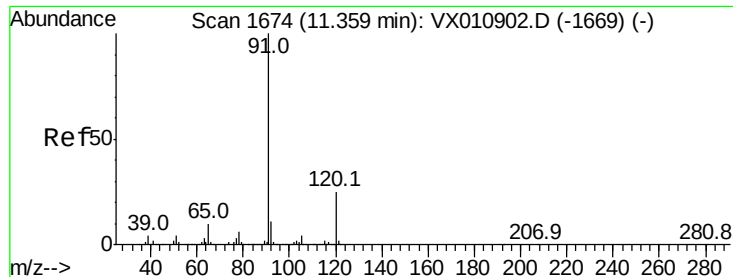
#73
 Isopropylbenzene
 Concen: 0.373 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX011210.D
 Acq: 30 Jul 2019 21:11

Tgt Ion:105 Resp: 3447
 Ion Ratio Lower Upper
 105 100
 120 29.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.400 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

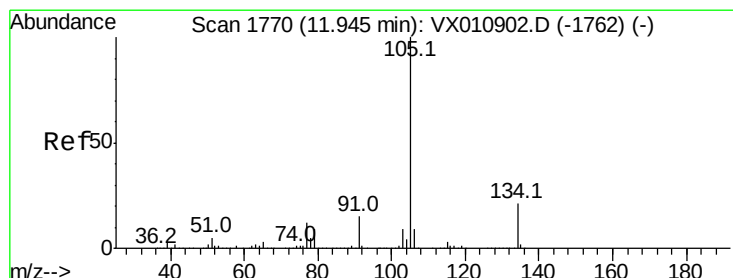
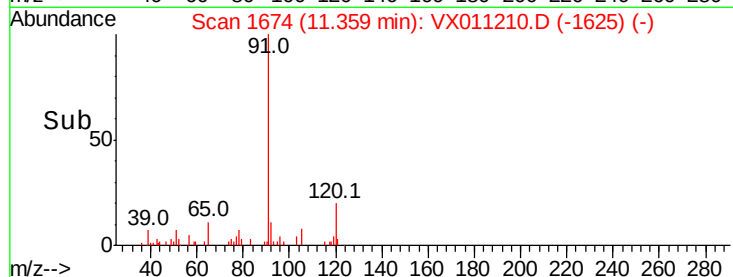
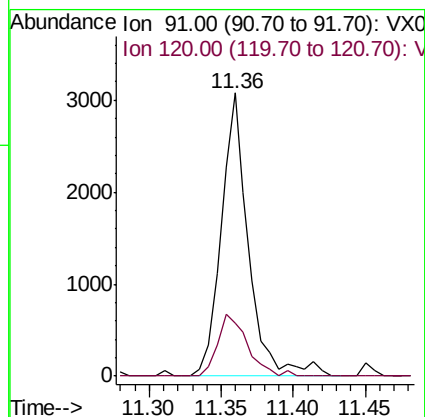
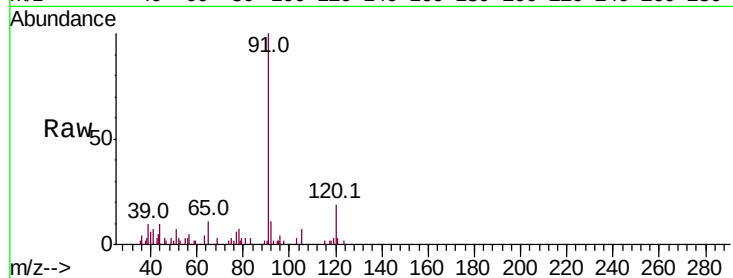
OWL-C5-GW

Tot Ion: 91 Resp: 4079

Ion Ratio Lower Upper

91 100

120 23.9 12.3 36.8



#85

sec-Butylbenzene

Concen: 0.318 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011210.D

Acq: 30 Jul 2019 21:11

Tgt Ion: 105 Resp: 2825

Ion Ratio Lower Upper

105 100

134 34.2 10.4 31.4#

