

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013758.D
 Acq On : 04 Dec 2019 18:37
 Operator : JC/SP
 Sample : K6098-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C5-GW

Quant Time: Dec 05 03:25:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

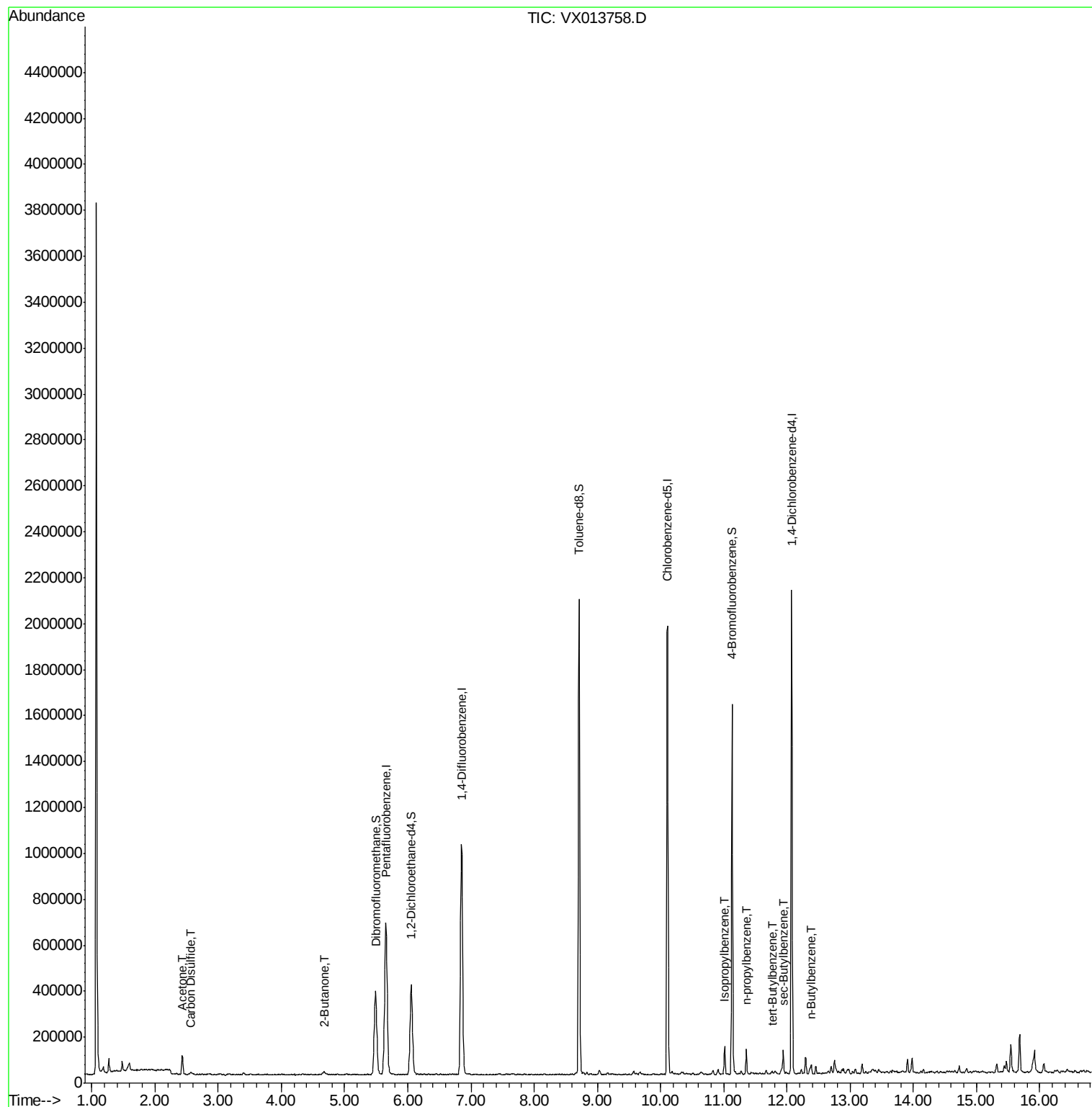
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	695487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	944189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	373109	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	5.49	113	315503	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	1233985	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	426592	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	91089	22.854	ug/l	98
17) Carbon Disulfide	2.56	76	14589	0.773	ug/l	98
25) 2-Butanone	4.67	43	23840	4.025	ug/l	96
73) Isopropylbenzene	11.01	105	62166	2.006	ug/l	98
78) n-propylbenzene	11.35	91	66715	1.929	ug/l	99
83) tert-Butylbenzene	11.76	119	6305	0.244	ug/l	92
85) sec-Butylbenzene	11.94	105	55365	1.878	ug/l	86
89) n-Butylbenzene	12.38	91	16372	0.700	ug/l	95

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

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Response via : Initial Calibration



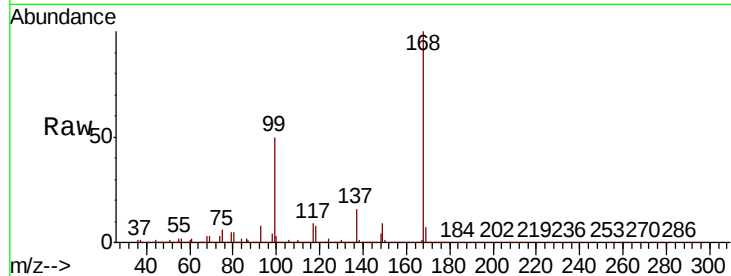


#1

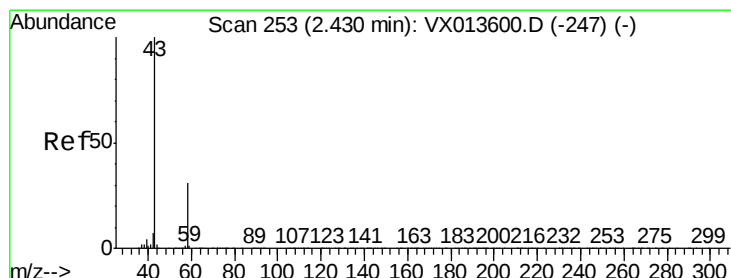
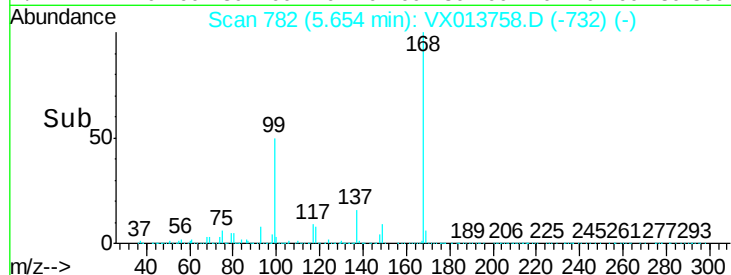
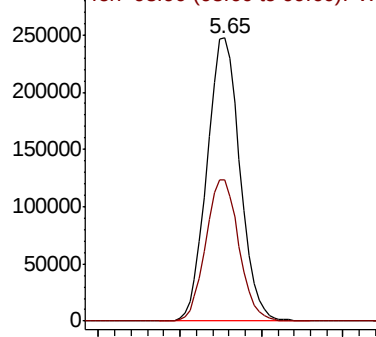
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013758.D
 Acq: 04 Dec 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C5-GW

Tot Ion:168 Resp: 695487
 Ion Ratio Lower Upper
 168 100
 99 49.8 39.8 59.8



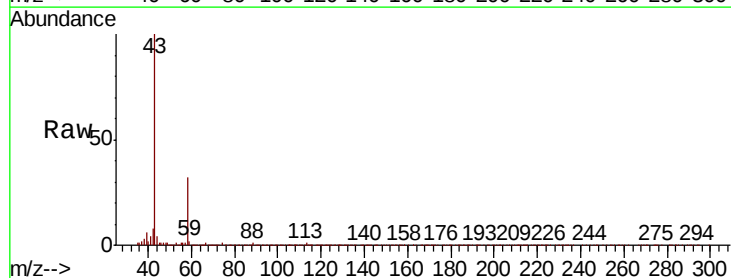
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



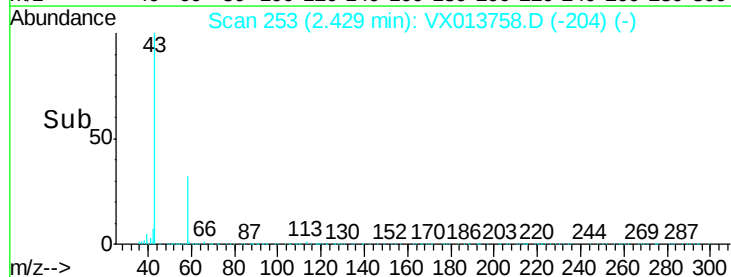
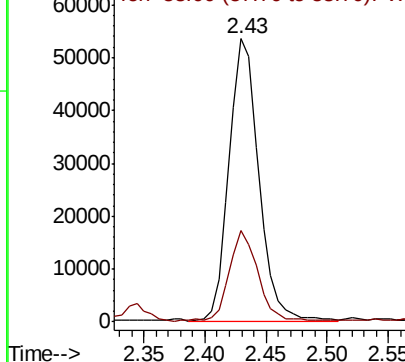
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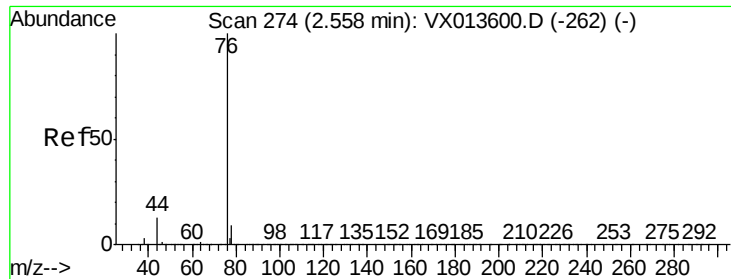
Acetone
 Concen: 22.854 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013758.D
 Acq: 04 Dec 2019 18:37

Tgt Ion: 43 Resp: 91089
 Ion Ratio Lower Upper
 43 100
 58 31.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

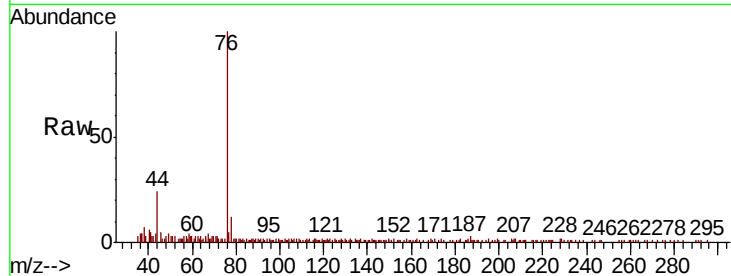




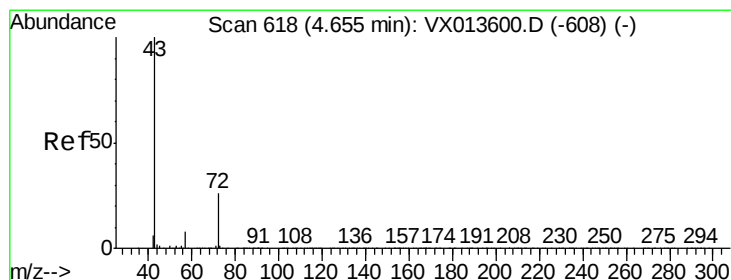
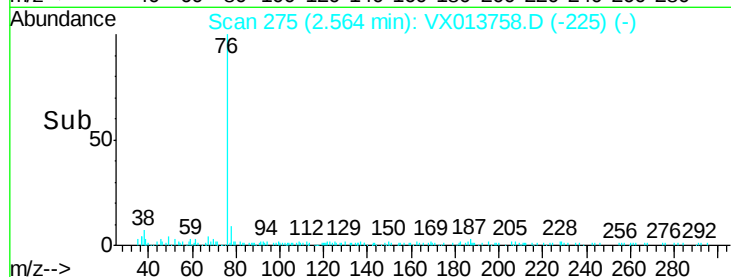
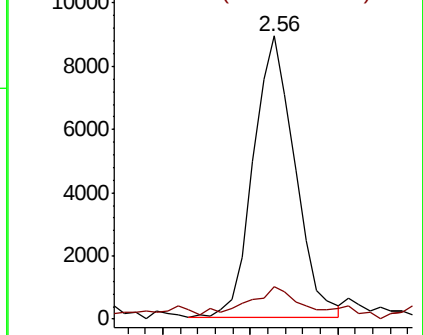
#17
Carbon Disulfide
Concen: 0.773 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013758.D
Acq: 04 Dec 2019 18:37

Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

Tot Ion: 76 Resp: 14589
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

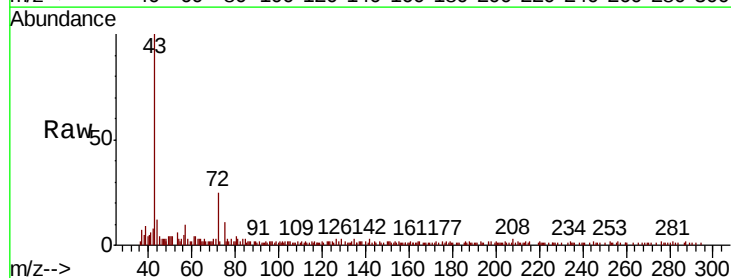


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

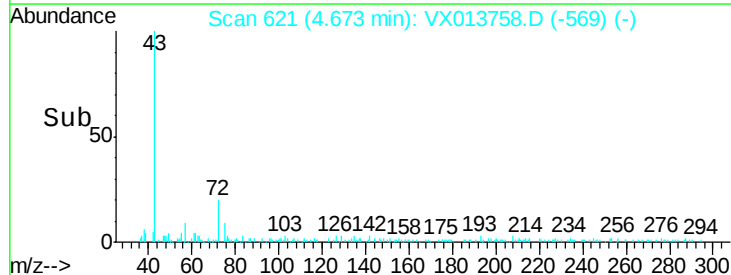
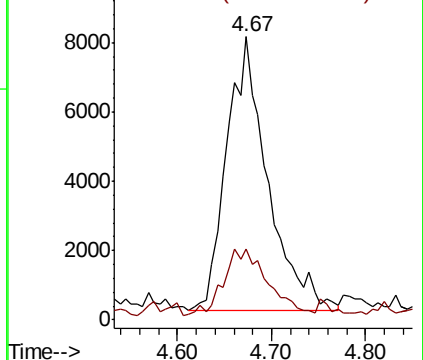


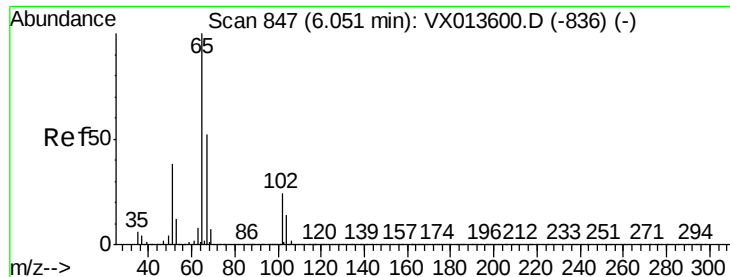
#25
2-Butanone
Concen: 4.025 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013758.D
Acq: 04 Dec 2019 18:37

Tgt Ion: 43 Resp: 23840
Ion Ratio Lower Upper
43 100
72 23.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

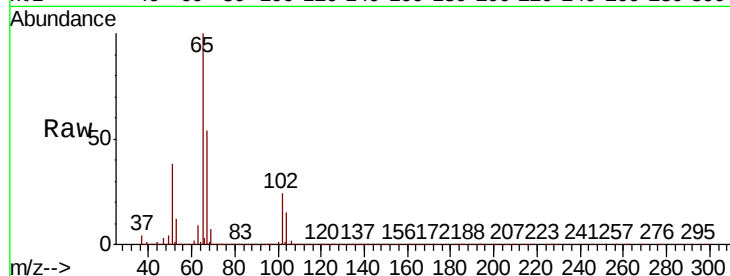
OWL-C5-GW

Tot Ion: 65 Resp: 373109

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

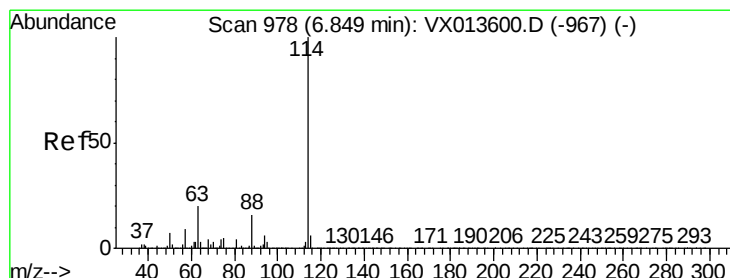
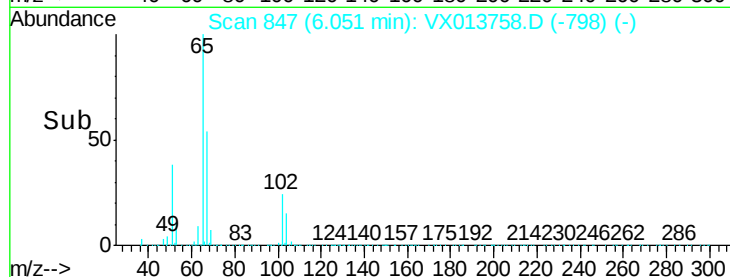
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

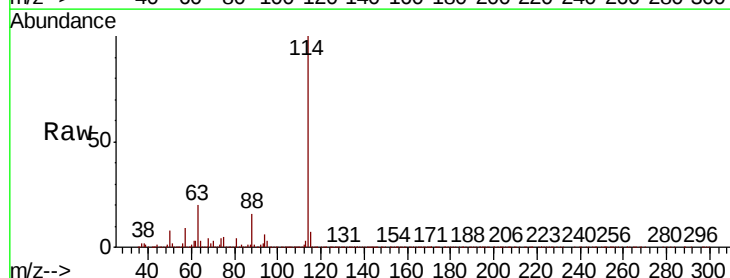
Tgt Ion: 114 Resp: 1045488

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.7 0.0 31.4



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

600000

500000

400000

300000

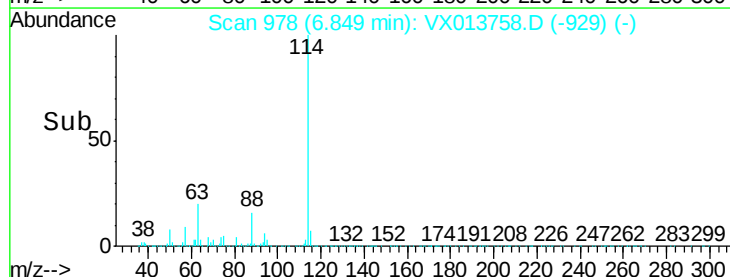
200000

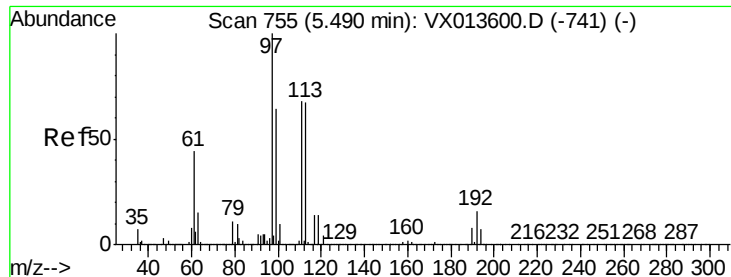
100000

0

Time-->

6.70 6.80 6.90 7.00

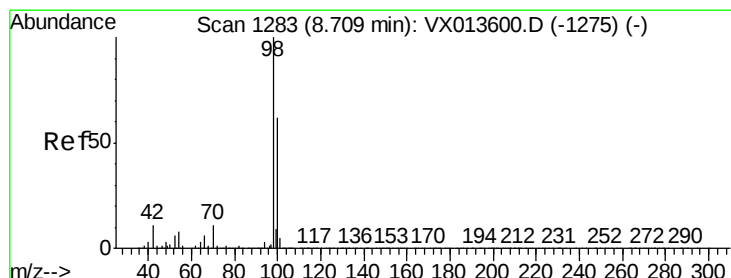
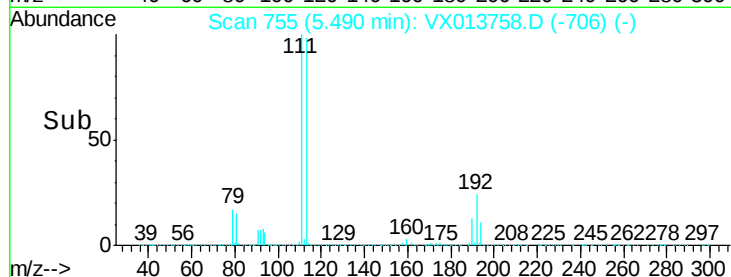
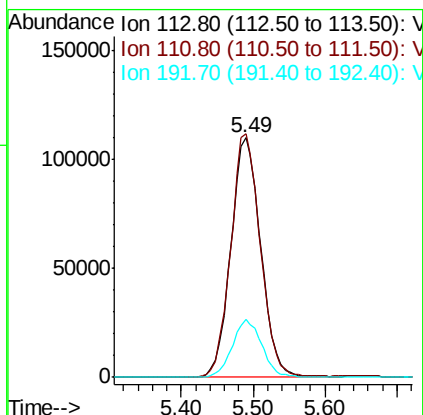
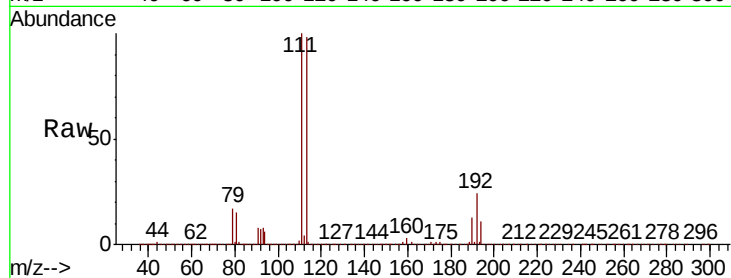




#35
Dibromofluoromethane
Concen: 48.814 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013758.D
Acq: 04 Dec 2019 18:37

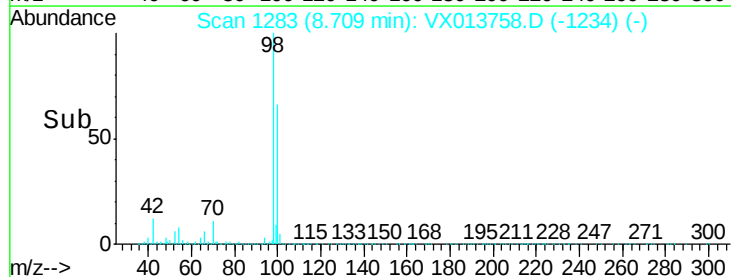
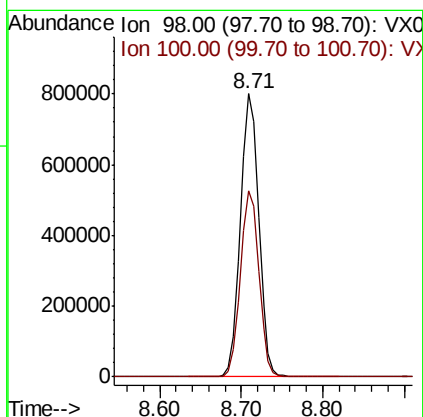
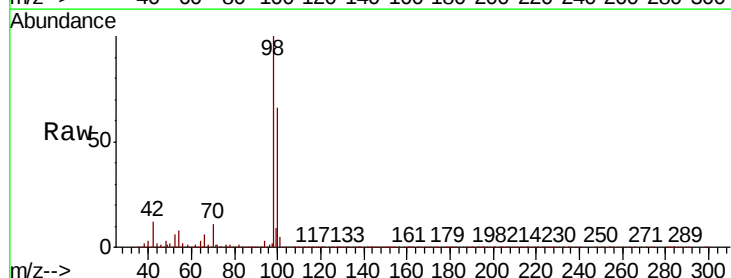
Instrument :
MSVOA_X
ClientSampleId :
OWL-C5-GW

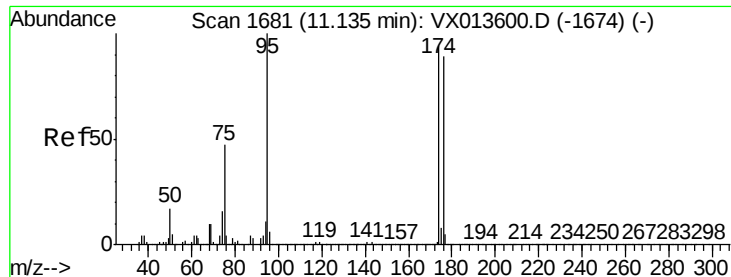
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.6	125.4
192	23.9	19.2	28.8



#50
Toluene-d8
Concen: 49.003 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013758.D
Acq: 04 Dec 2019 18:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 46.978 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

OWL-C5-GW

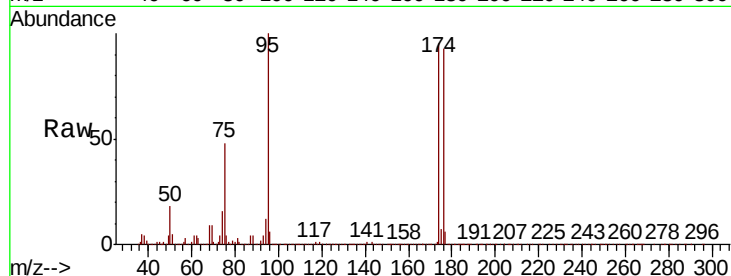
Tot Ion: 95 Resp: 426592

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.0

176 89.1 0.0 173.6

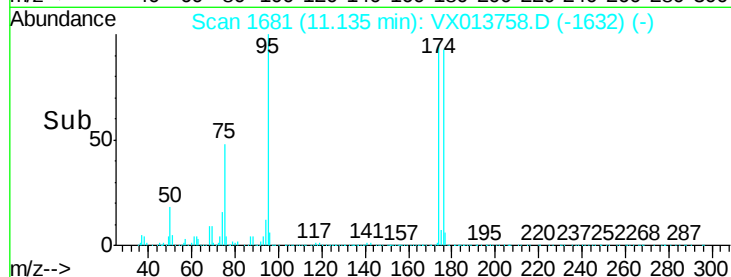


Abundance Ion 94.90 (94.60 to 95.60): VX013758.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013758.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013758.D (-1632) (-)

Time-->

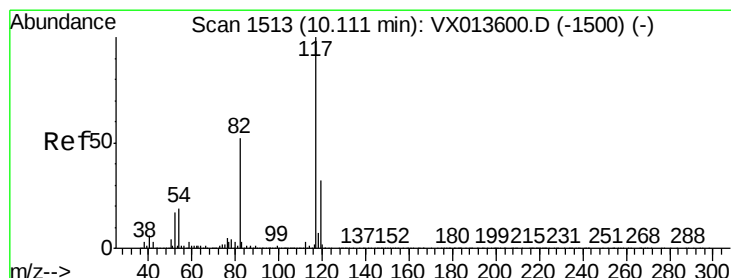


Abundance Ion 94.90 (94.60 to 95.60): VX013758.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013758.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013758.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

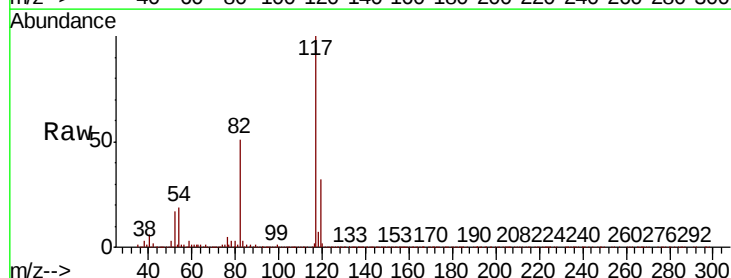
Tgt Ion: 117 Resp: 944189

Ion Ratio Lower Upper

117 100

82 50.6 41.8 62.8

119 32.2 25.8 38.8

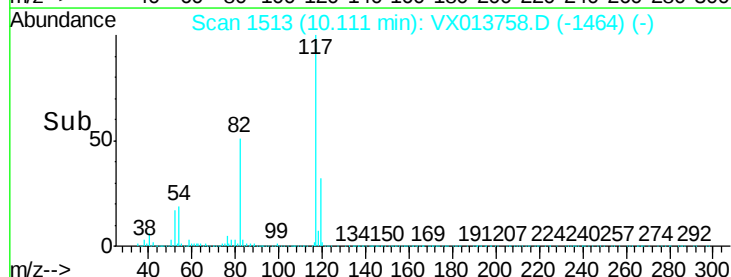


Abundance Ion 116.90 (116.60 to 117.60): VX013758.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013758.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013758.D (-1464) (-)

Time-->

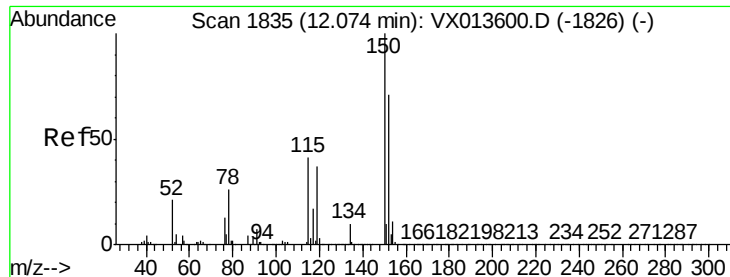


Abundance Ion 116.90 (116.60 to 117.60): VX013758.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013758.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013758.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

OWL-C5-GW

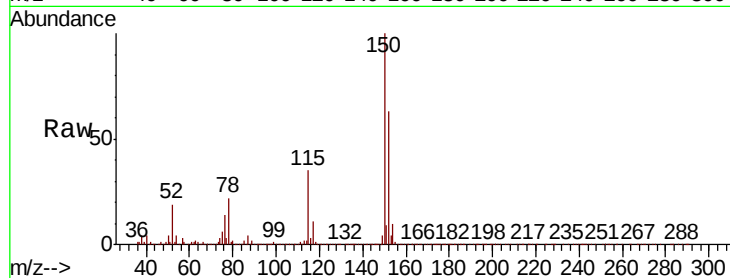
Tot Ion:152 Resp: 441755

Ion Ratio Lower Upper

152 100

115 55.1 38.4 115.1

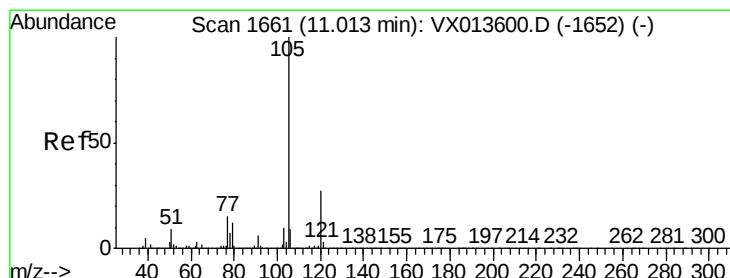
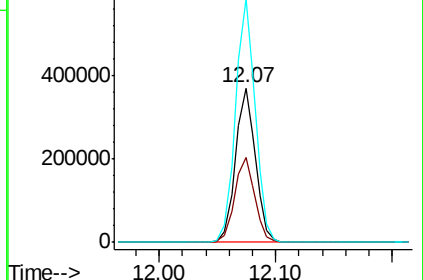
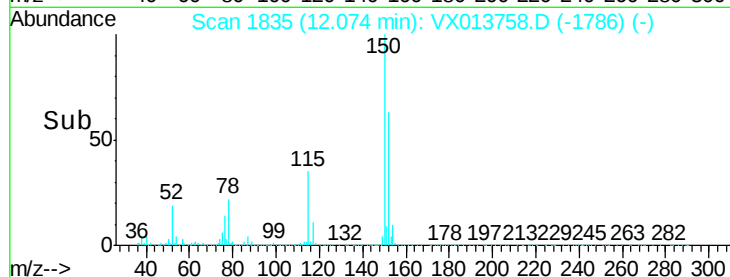
150 156.1 0.0 346.8



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: 2.006 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013758.D

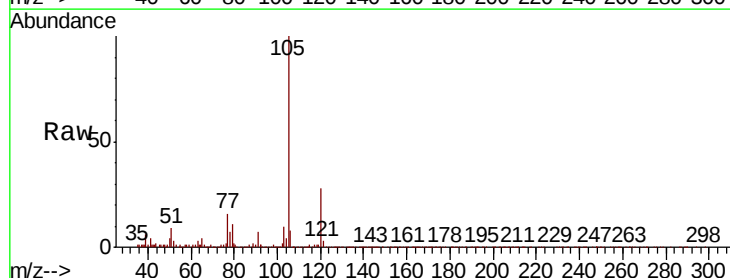
Acq: 04 Dec 2019 18:37

Tgt Ion:105 Resp: 62166

Ion Ratio Lower Upper

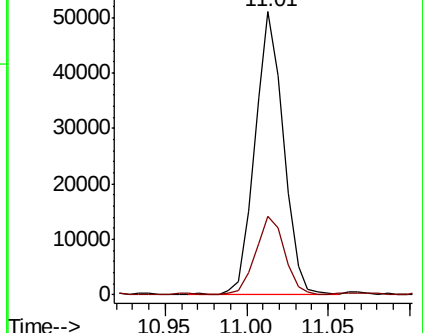
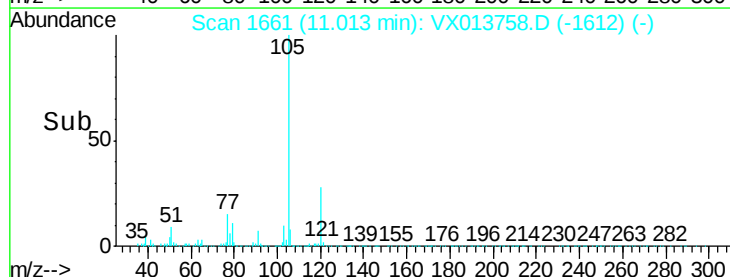
105 100

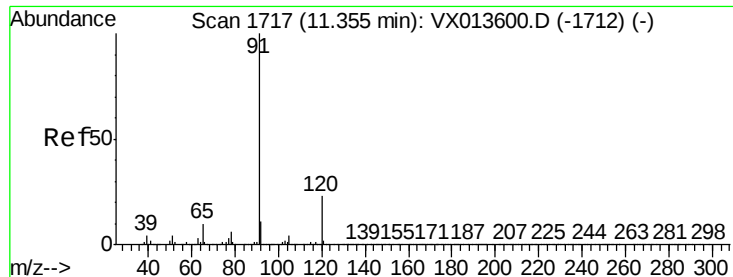
120 28.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.929 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

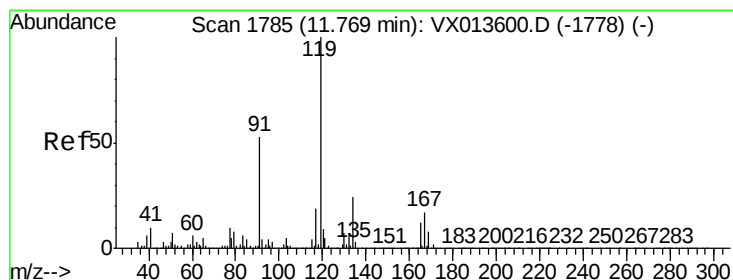
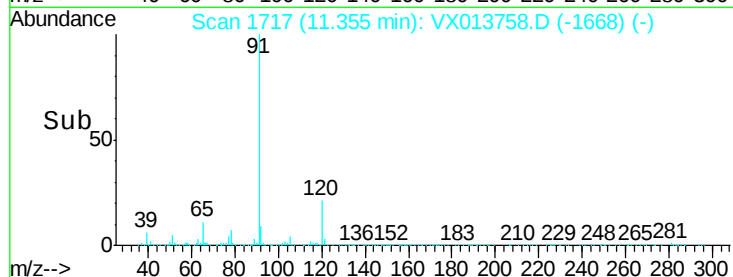
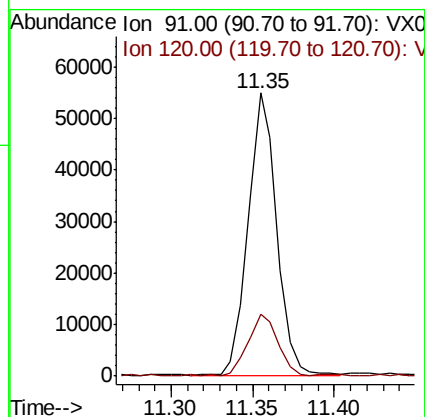
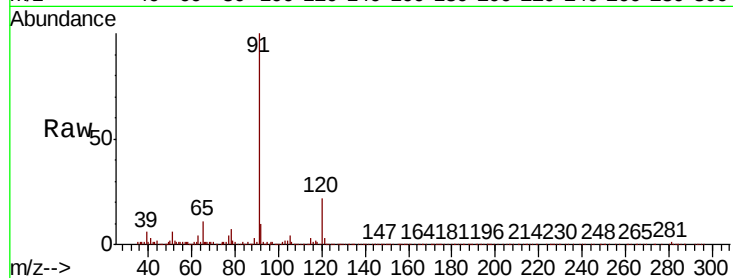
OWL-C5-GW

Tot Ion: 91 Resp: 66715

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.3



#83

tert-Butylbenzene

Concen: 0.244 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

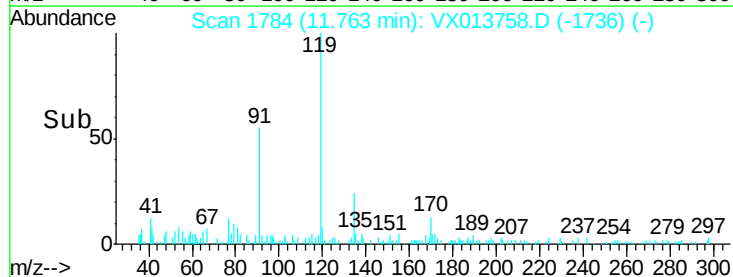
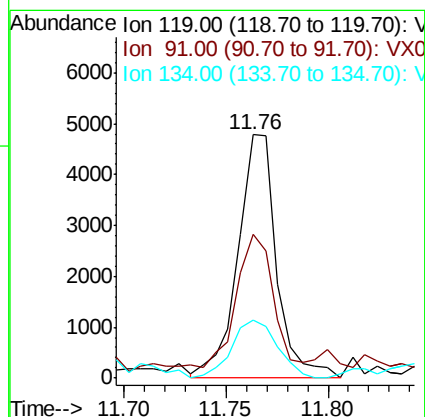
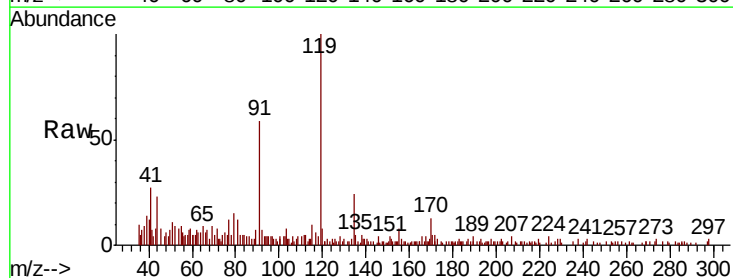
Tgt Ion: 119 Resp: 6305

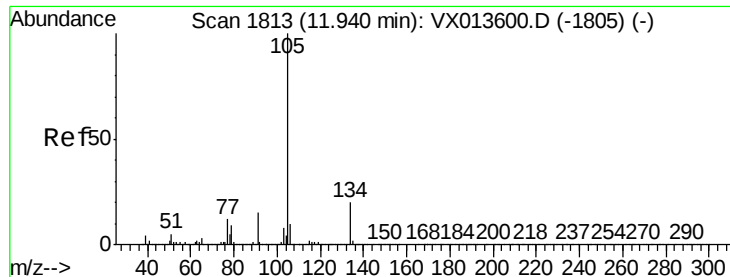
Ion Ratio Lower Upper

119 100

91 49.0 27.2 81.6

134 27.9 11.7 35.1





#85

sec-Butylbenzene

Concen: 1.878 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

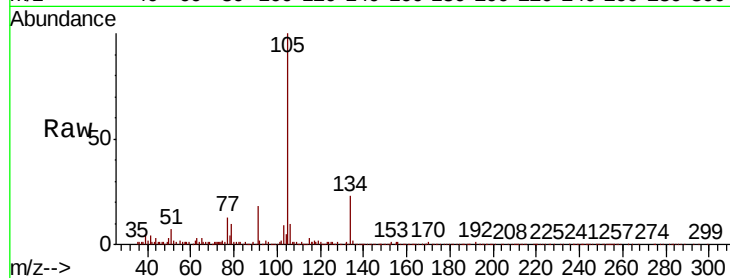
OWL-C5-GW

Tot Ion:105 Resp: 55365

Ion Ratio Lower Upper

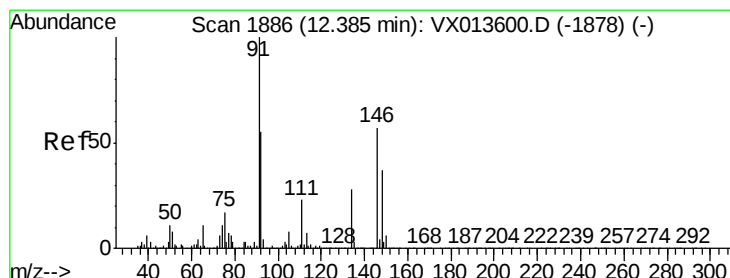
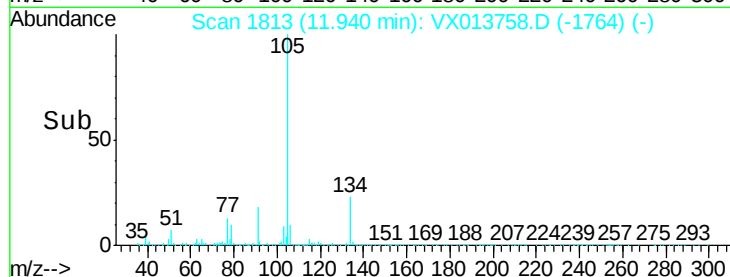
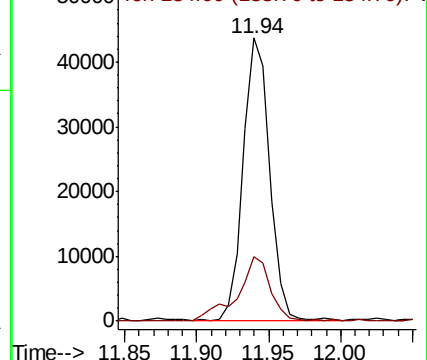
105 100

134 27.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.700 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013758.D

Acq: 04 Dec 2019 18:37

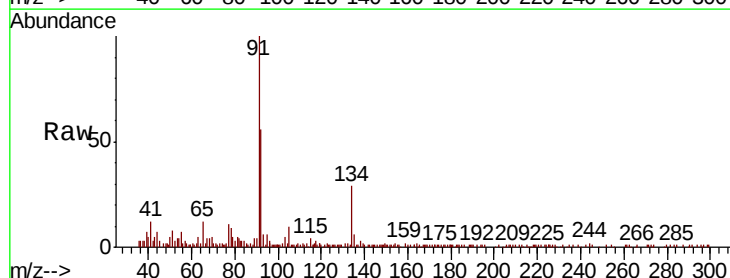
Tgt Ion: 91 Resp: 16372

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.2

134 33.6 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

