

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013756.D
 Acq On : 04 Dec 2019 17:50
 Operator : JC/SP
 Sample : K6098-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C2-GW

Quant Time: Dec 05 03:09:48 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

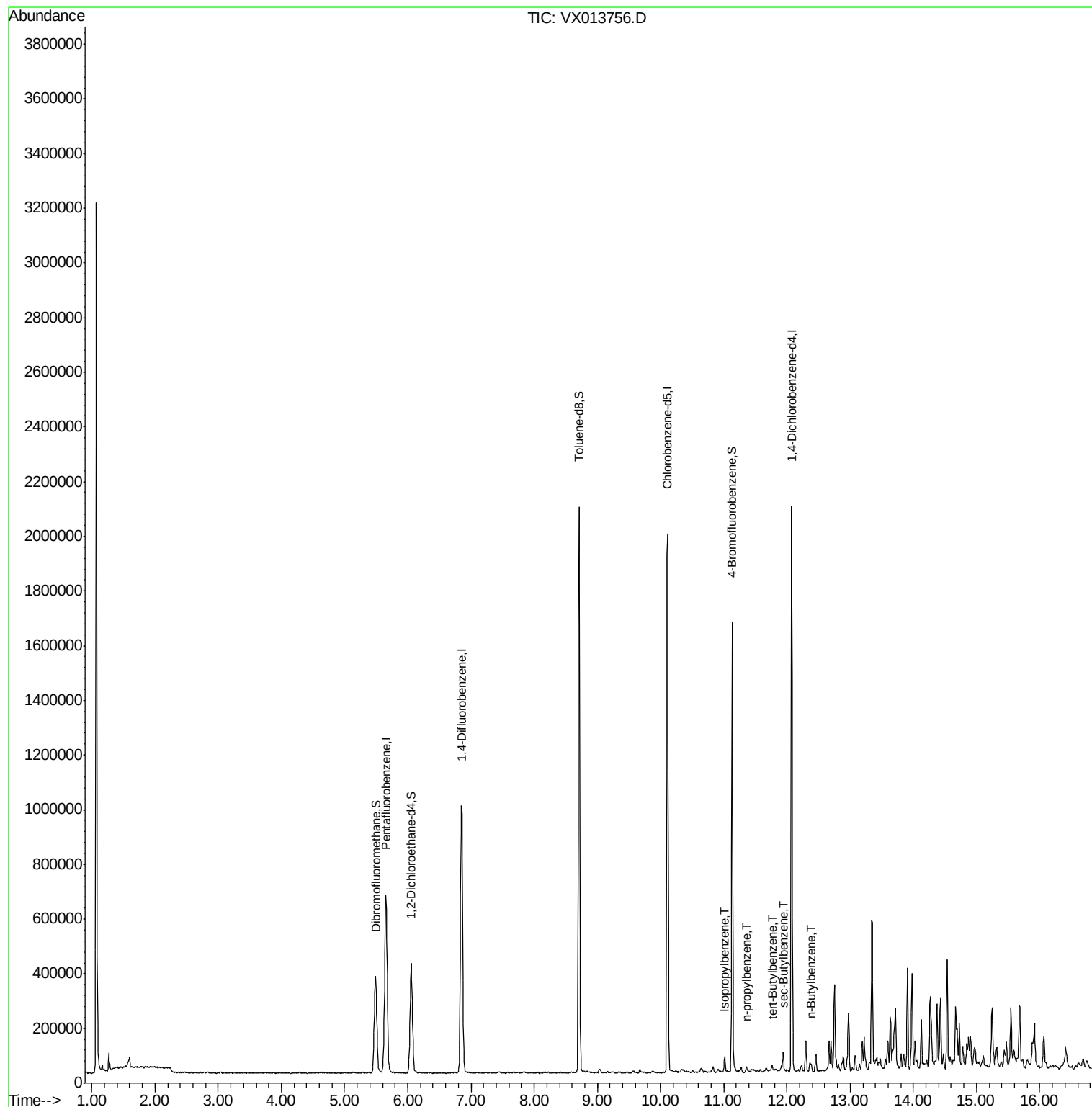
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	685703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1033472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	925170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	432508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	370859	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	5.49	113	306299	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	1222350	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	423602	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
73) Isopropylbenzene	11.01	105	31218	1.029	ug/l	100
78) n-propylbenzene	11.35	91	13823	0.408	ug/l	99
83) tert-Butylbenzene	11.76	119	9511	0.376	ug/l	88
85) sec-Butylbenzene	11.94	105	36029	1.248	ug/l	85
89) n-Butylbenzene	12.38	91	9006	0.393	ug/l	95

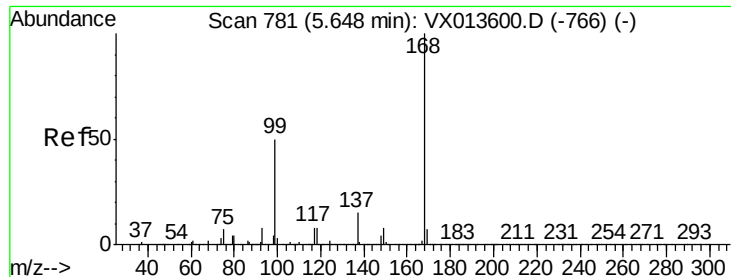
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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: VX013756.D

Acq: 04 Dec 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

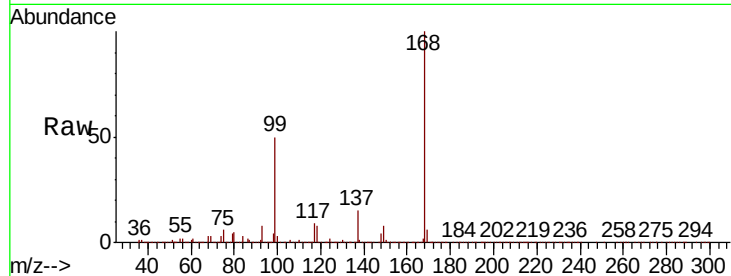
OWL-C2-GW

Tot Ion:168 Resp: 685703

Ion Ratio Lower Upper

168 100

99 50.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

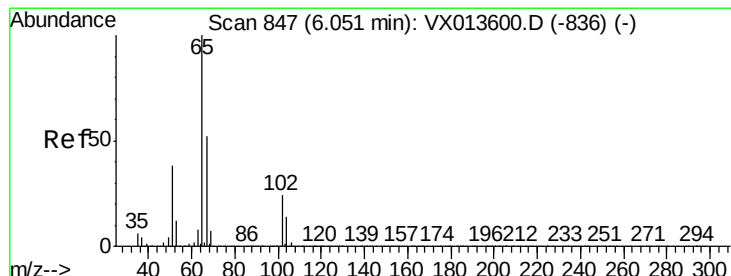
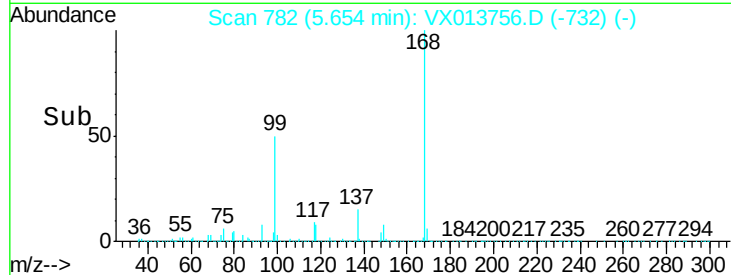
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.594 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013756.D

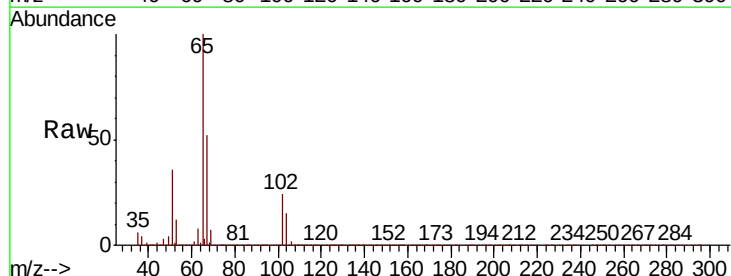
Acq: 04 Dec 2019 17:50

Tgt Ion: 65 Resp: 370859

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

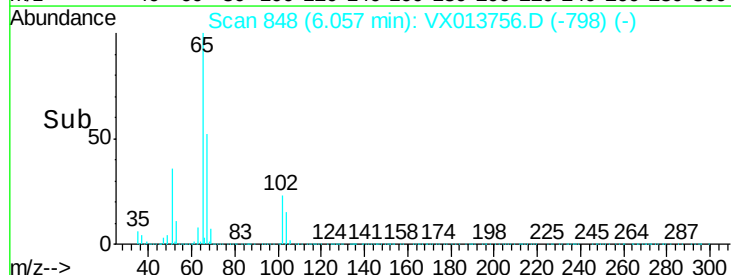
100000

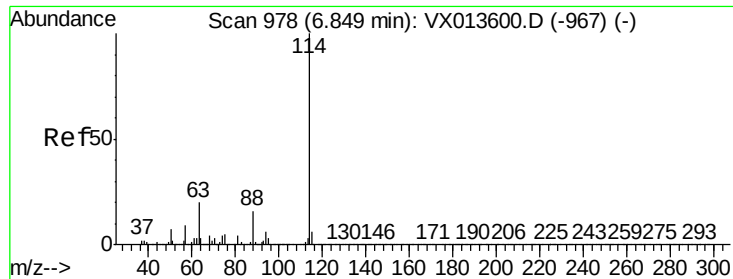
50000

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: VX013756.D

Acq: 04 Dec 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

OWL-C2-GW

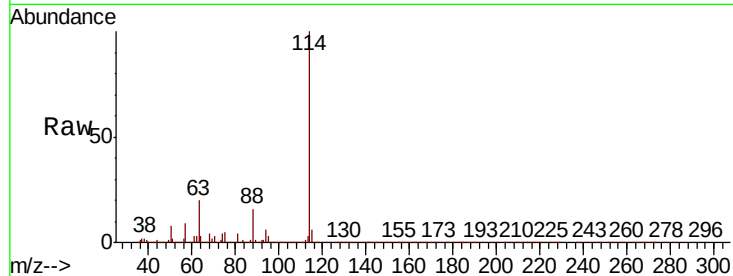
Tot Ion:114 Resp: 1033472

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

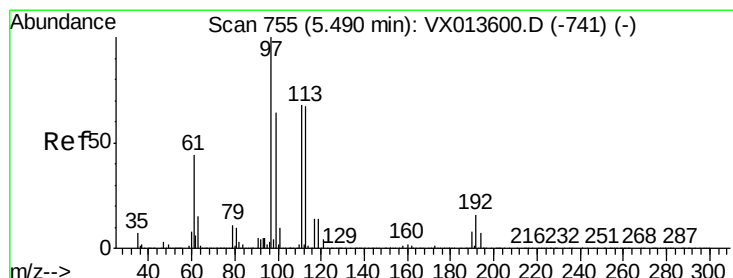
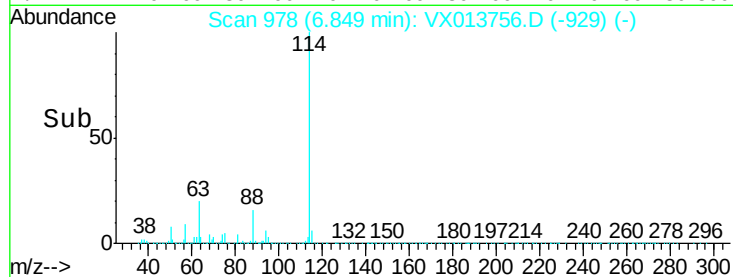
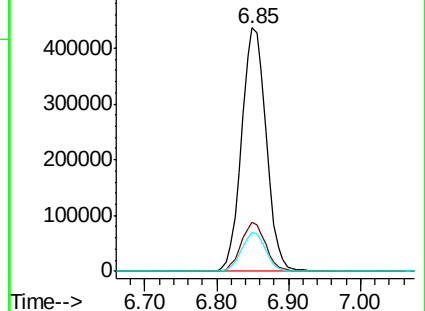
88 15.7 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.941 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013756.D

Acq: 04 Dec 2019 17:50

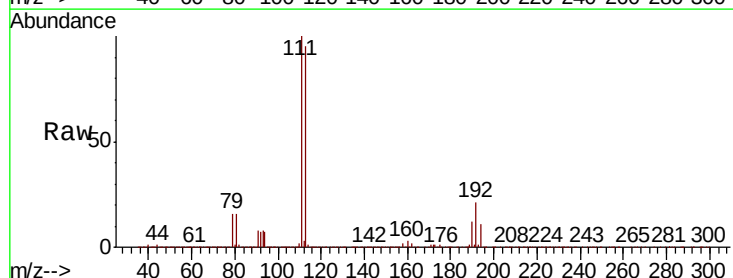
Tgt Ion:113 Resp: 306299

Ion Ratio Lower Upper

113 100

111 103.7 83.6 125.4

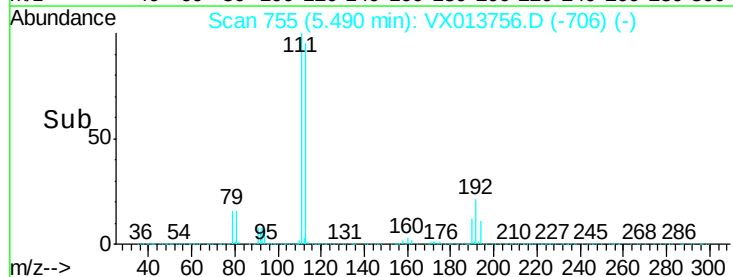
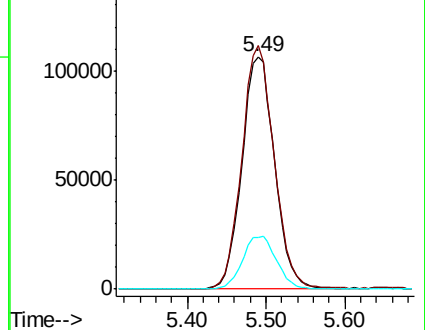
192 23.4 19.2 28.8

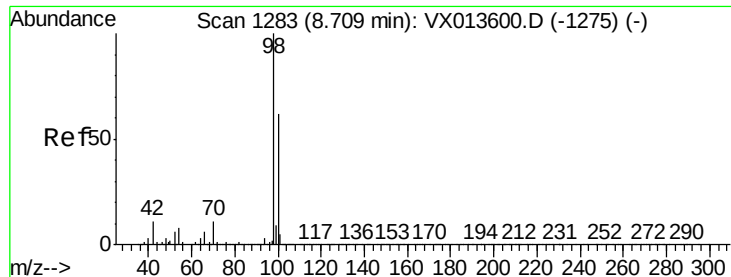


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

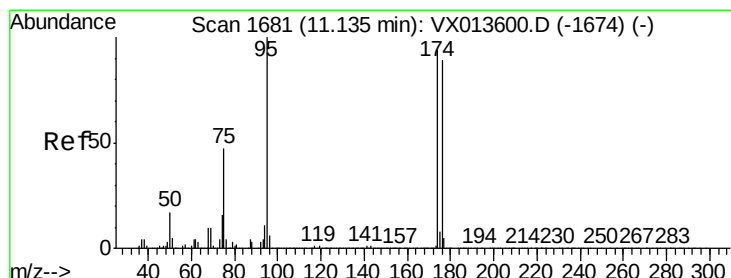
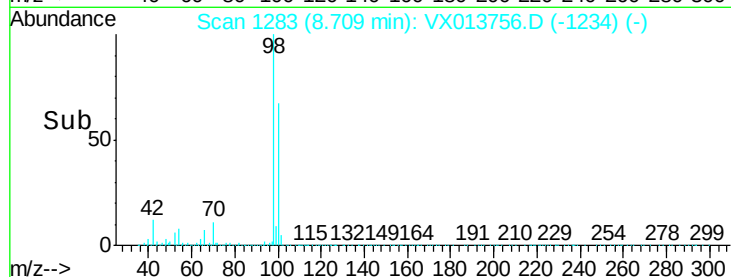
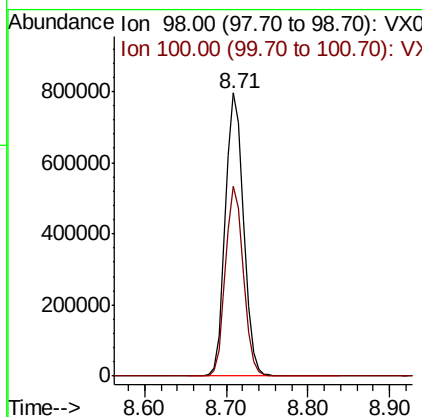
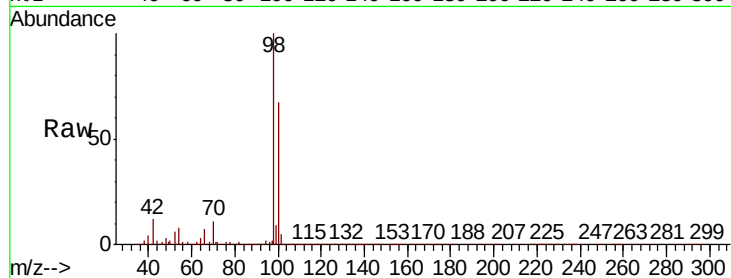




#50
Toluene-d8
Concen: 49.105 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013756.D
Acq: 04 Dec 2019 17:50

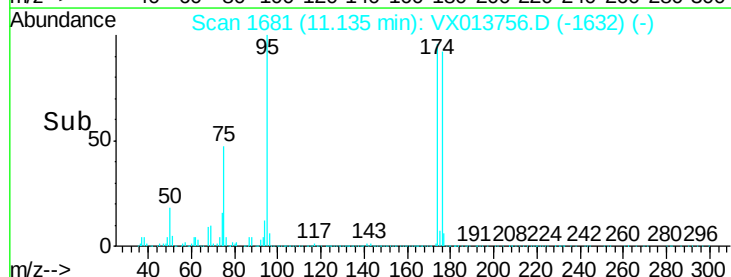
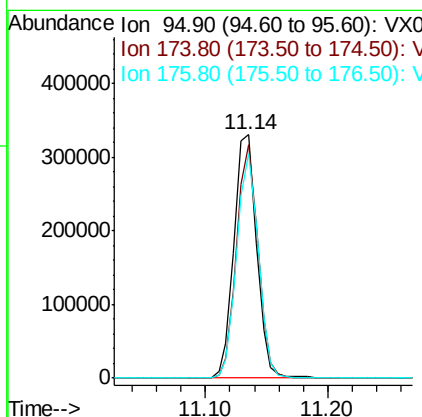
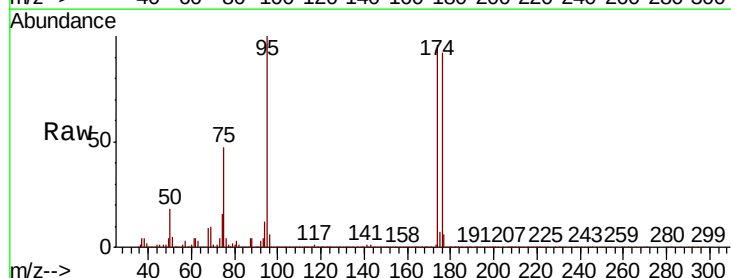
Instrument :
MSVOA_X
ClientSampleId :
OWL-C2-GW

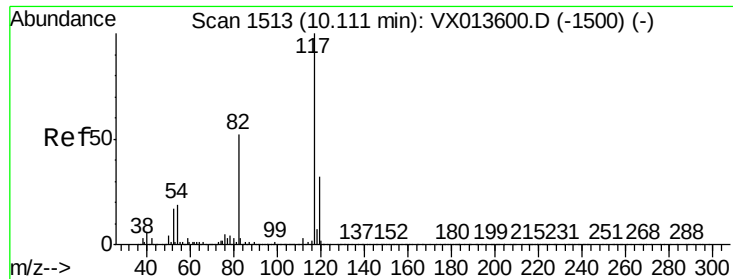
Tot Ion: 98 Resp: 1222350
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.191 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013756.D
Acq: 04 Dec 2019 17:50

Tgt Ion: 95 Resp: 423602
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.0
176 88.2 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013756.D

Acq: 04 Dec 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

OWL-C2-GW

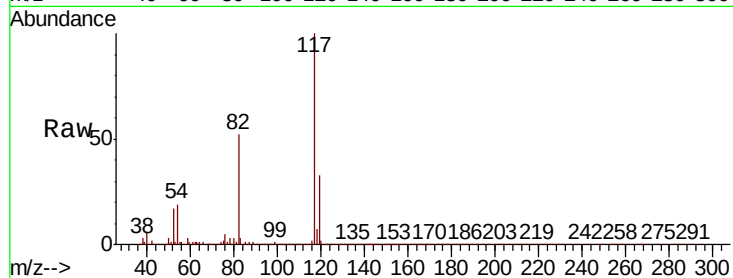
Tot Ion:117 Resp: 925170

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

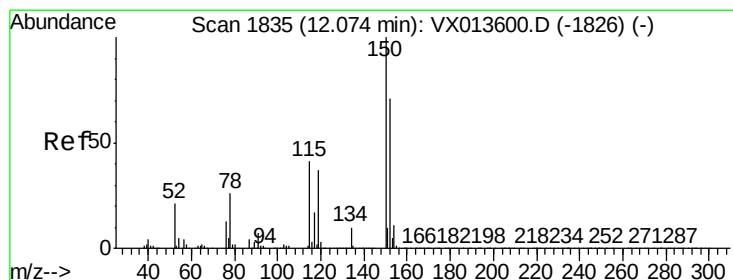
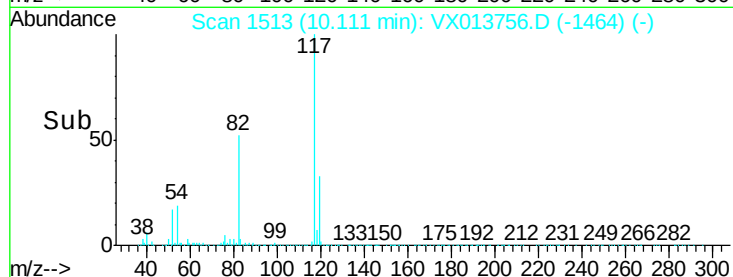
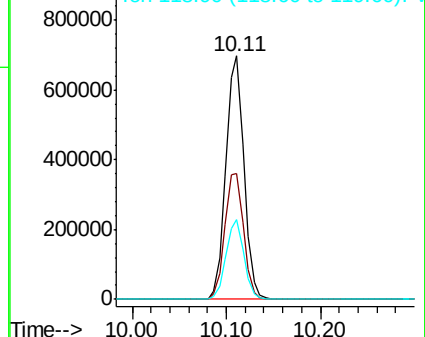
119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013756.D

Acq: 04 Dec 2019 17:50

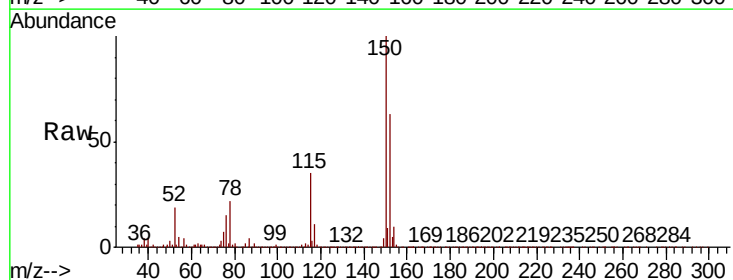
Tgt Ion:152 Resp: 432508

Ion Ratio Lower Upper

152 100

115 55.7 38.4 115.1

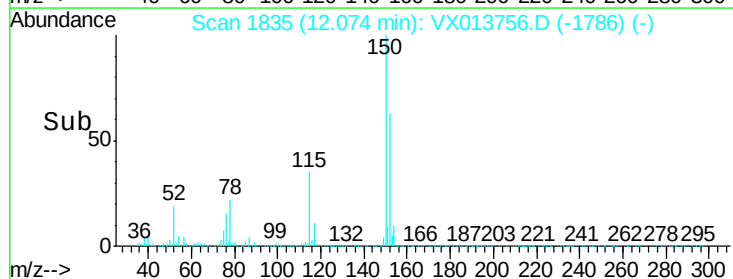
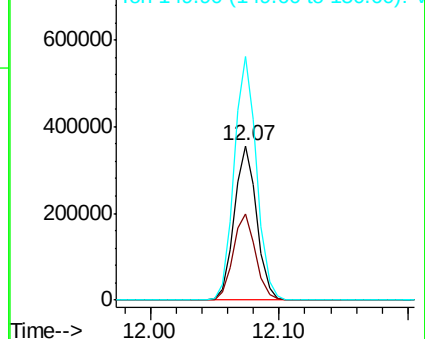
150 158.0 0.0 346.8

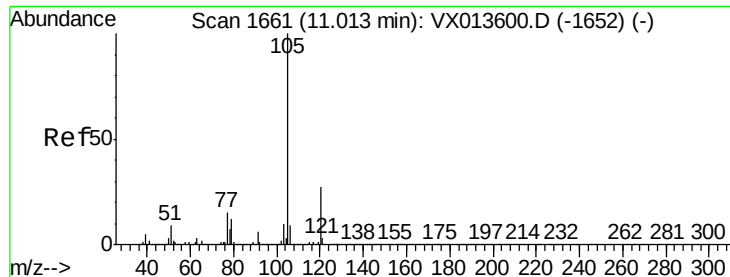


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.029 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013756.D

Acq: 04 Dec 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

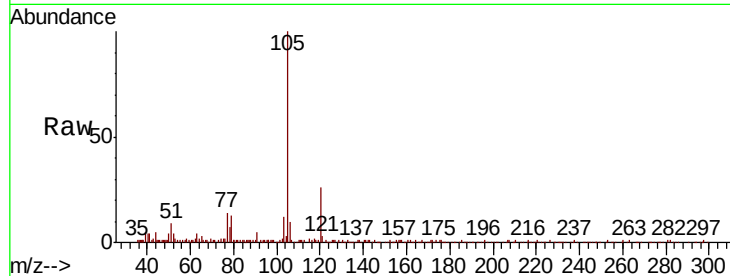
OWL-C2-GW

Tot Ion:105 Resp: 31218

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

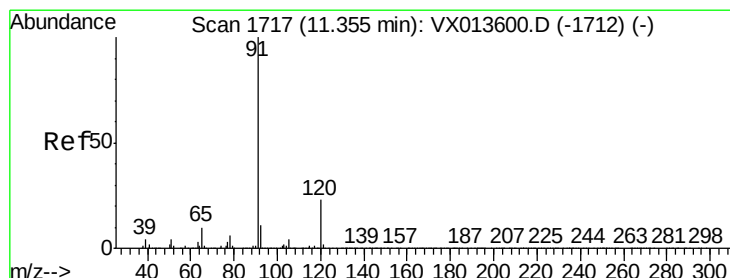
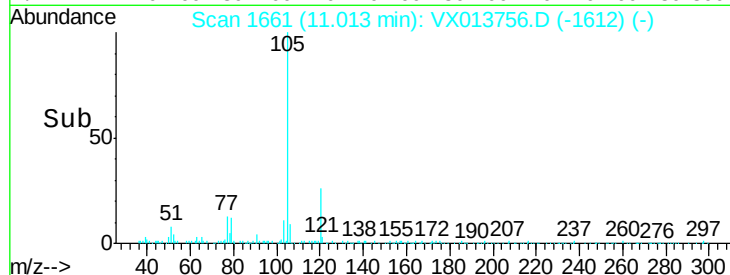
5000

0

11.01

10.95 11.00 11.05 11.10

Time-->



#78

n-propylbenzene

Concen: 0.408 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013756.D

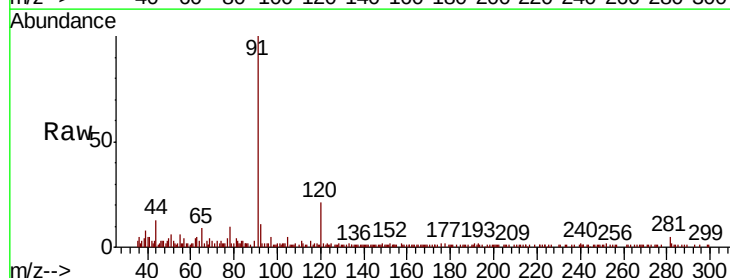
Acq: 04 Dec 2019 17:50

Tgt Ion: 91 Resp: 13823

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

4000

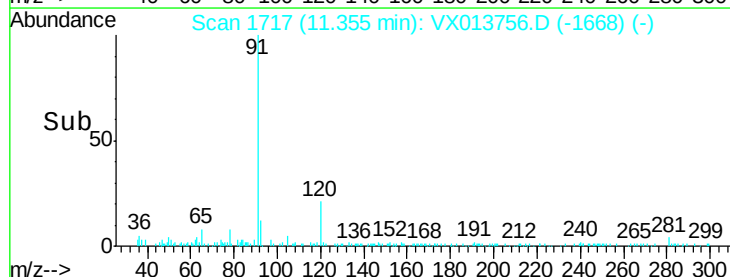
2000

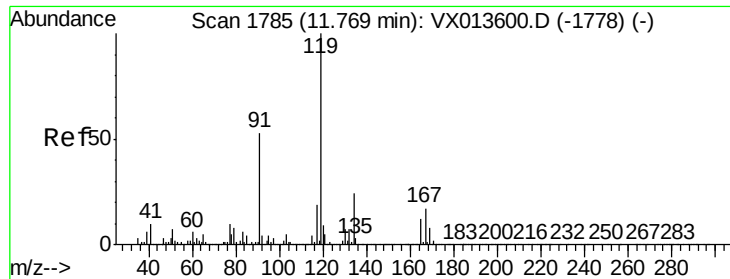
0

11.35

11.30 11.35 11.40

Time-->





#83

tert-Butylbenzene

Concen: 0.376 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013756.D

Acq: 04 Dec 2019 17:50

Instrument :

MSVOA_X

ClientSampled :

OWL-C2-GW

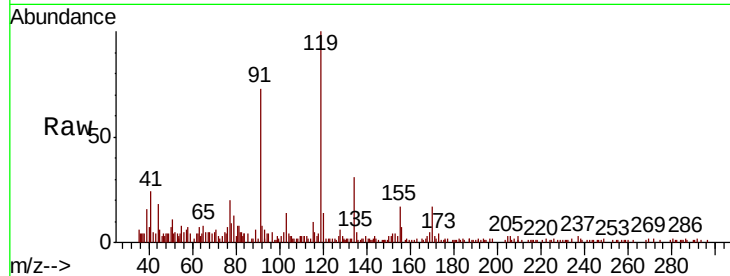
Tot Ion:119 Resp: 9511

Ion Ratio Lower Upper

119 100

91 64.6 27.2 81.6

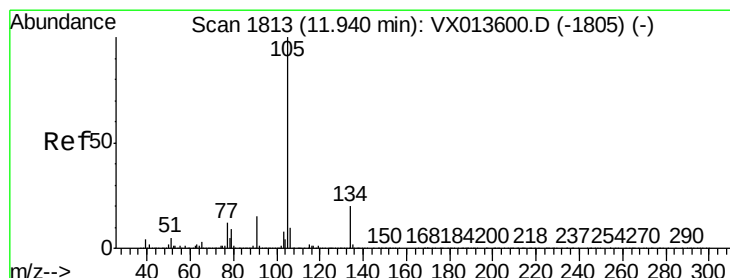
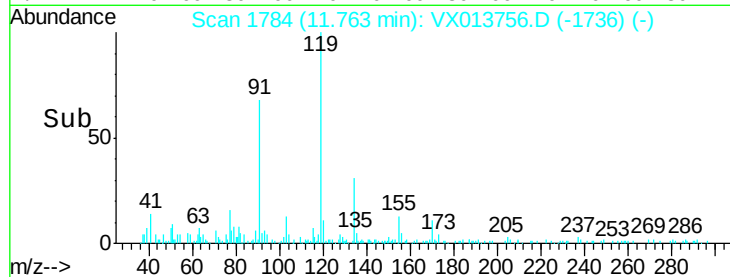
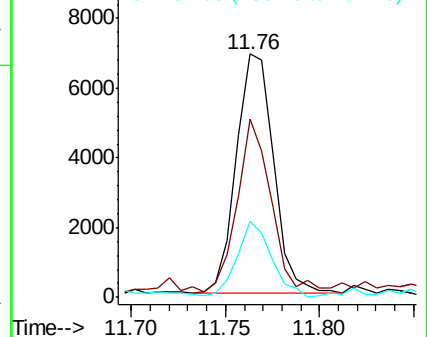
134 27.2 11.7 35.1



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



#85

sec-Butylbenzene

Concen: 1.248 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013756.D

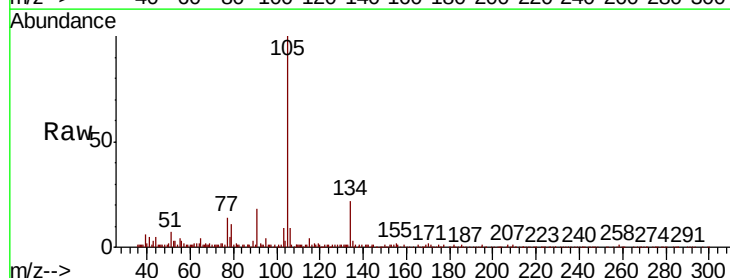
Acq: 04 Dec 2019 17:50

Tgt Ion:105 Resp: 36029

Ion Ratio Lower Upper

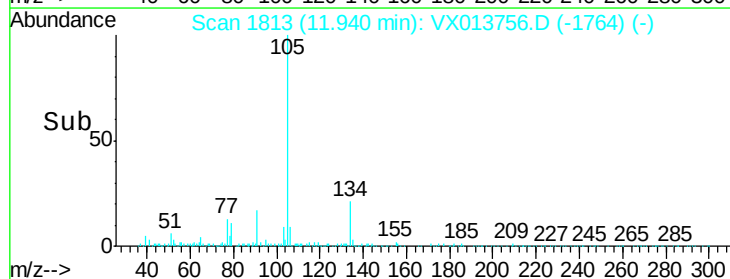
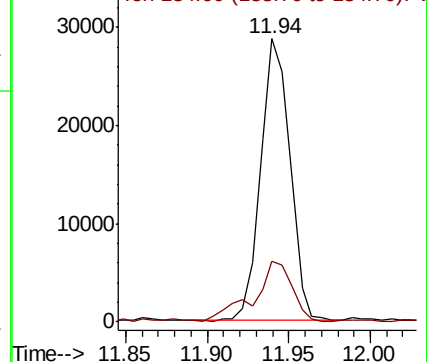
105 100

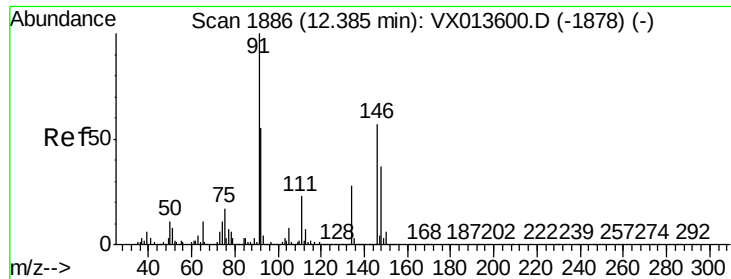
134 28.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 0.393 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013756.D

Acq: 04 Dec 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

OWL-C2-GW

Tot Ion: 91 Resp: 9006

Ion Ratio Lower Upper

91 100

92 56.1 27.4 82.2

134 32.8 13.5 40.4

