

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013484.D
 Acq On : 20 Nov 2019 17:55
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 21 04:23:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

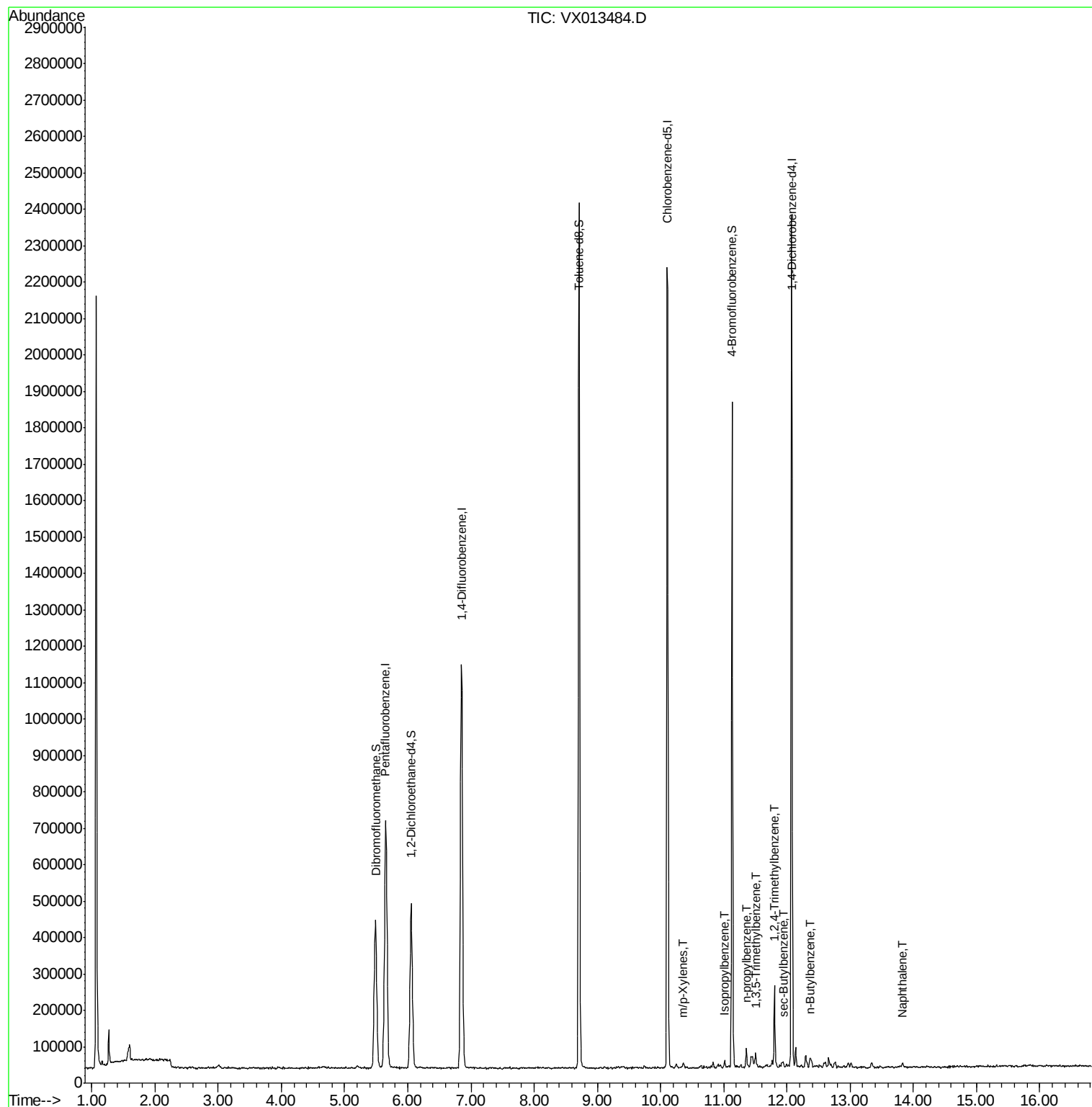
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	712523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1155985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1039877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	422720	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	346941	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	1378634	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.14	95	474152	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	3880	0.282	ug/l	77
73) Isopropylbenzene	11.01	105	10926	0.335	ug/l	99
78) n-propylbenzene	11.35	91	32285	0.890	ug/l	94
80) 1,3,5-Trimethylbenzene	11.50	105	17685	0.652	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	101666	3.735	ug/l	97
85) sec-Butylbenzene	11.94	105	7804	0.249	ug/l	91
89) n-Butylbenzene	12.38	91	7248	0.287	ug/l #	64
95) Naphthalene	13.83	128	10438	0.308	ug/l #	92

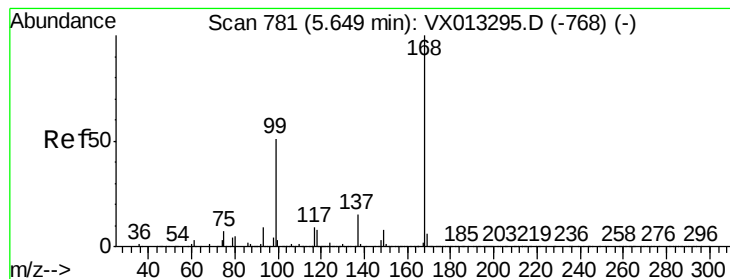
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

Quant Time: Nov 21 04:23:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 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: VX013484.D

Acq: 20 Nov 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

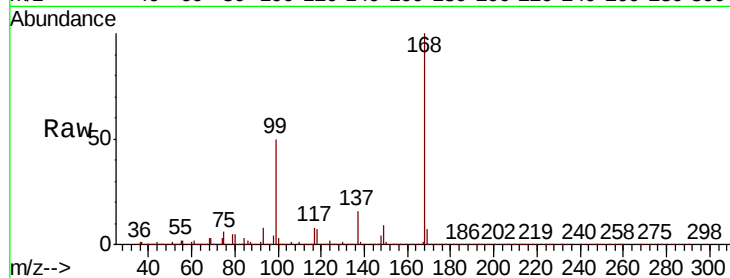
IBLK

Tot Ion:168 Resp: 712523

Ion Ratio Lower Upper

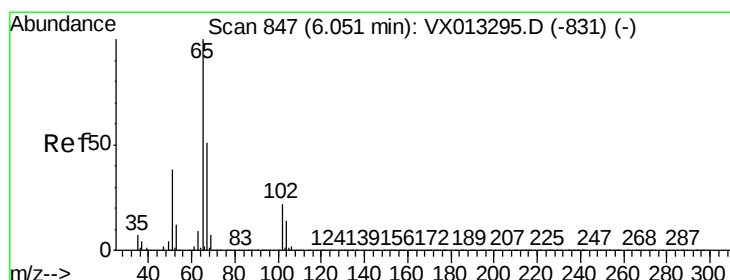
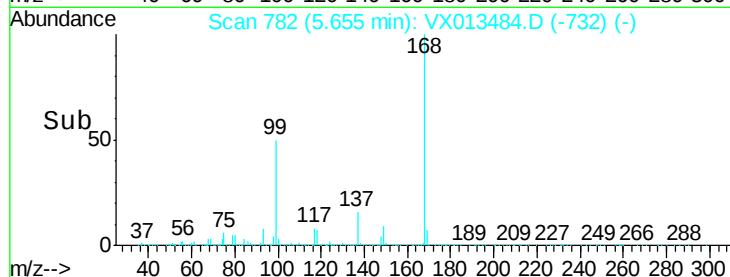
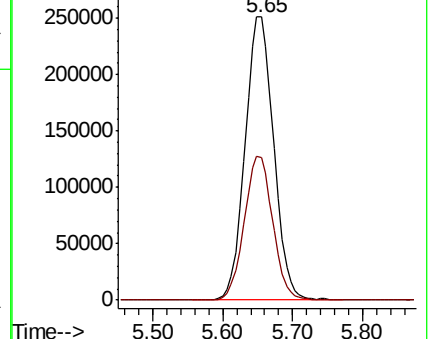
168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.078 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013484.D

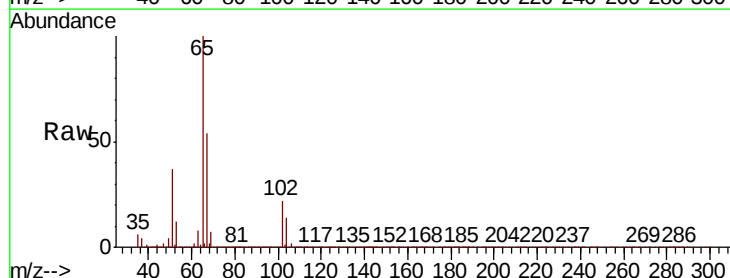
Acq: 20 Nov 2019 17:55

Tgt Ion: 65 Resp: 422720

Ion Ratio Lower Upper

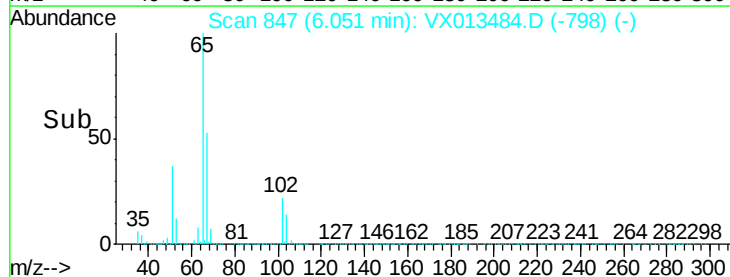
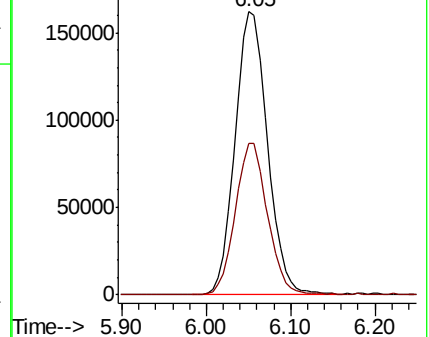
65 100

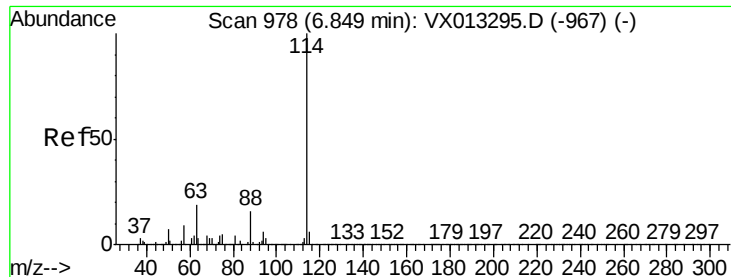
67 52.6 0.0 104.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

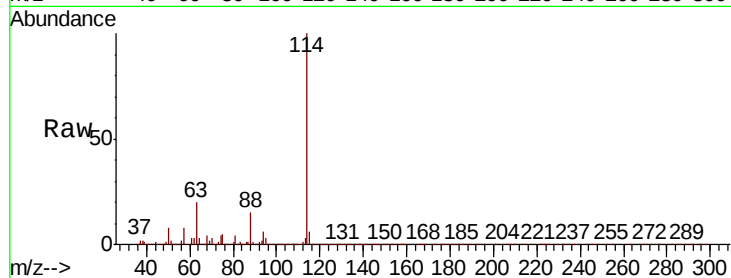
Tot Ion:114 Resp: 1155985

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

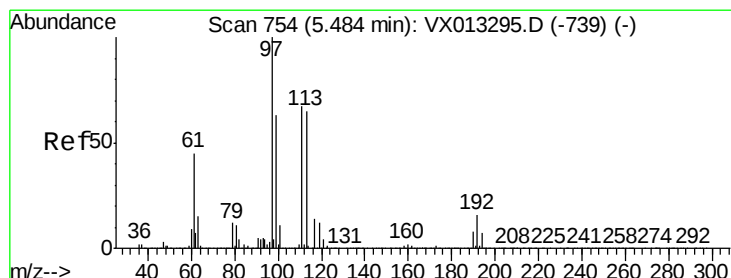
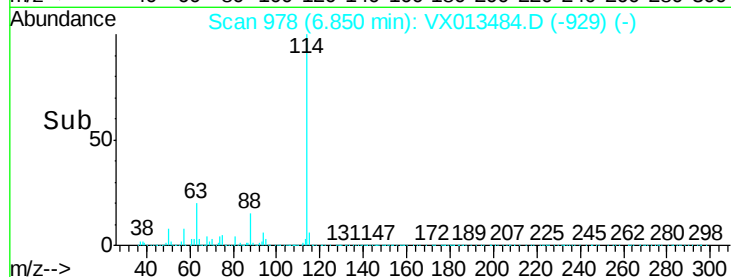
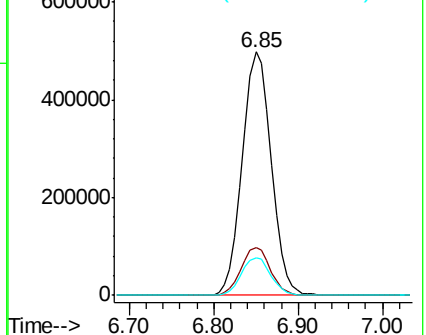
88 15.1 0.0 32.2



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: 47.851 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

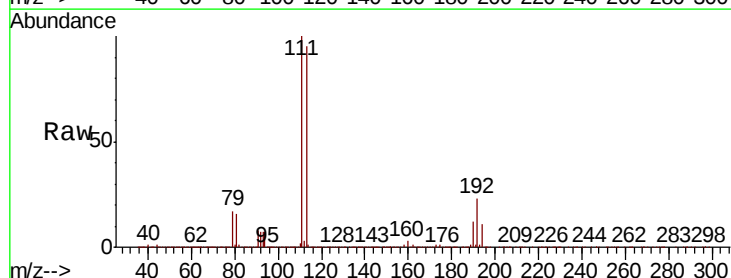
Tgt Ion:113 Resp: 346941

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

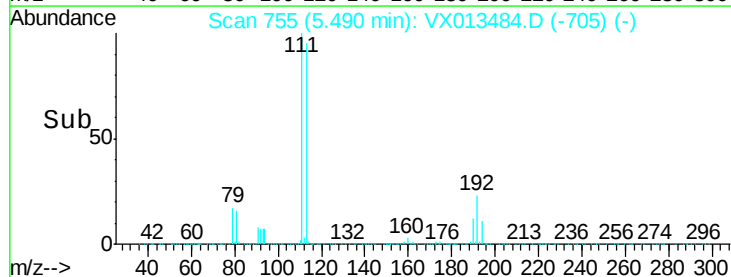
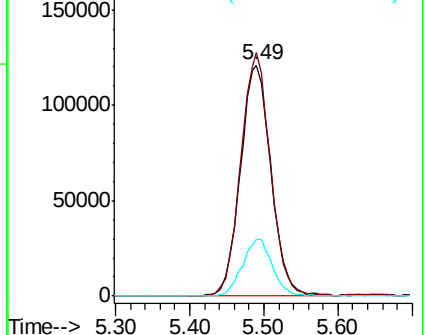
192 24.2 19.1 28.7

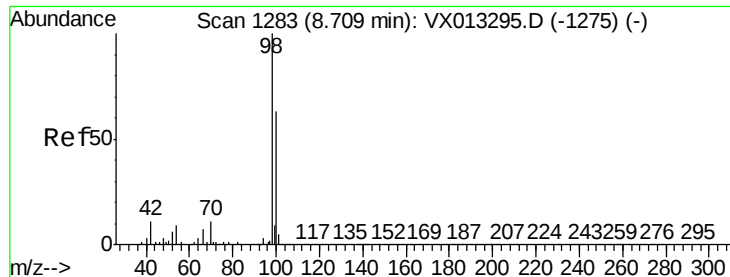


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.437 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

Instrument :

MSVOA_X

ClientSampled :

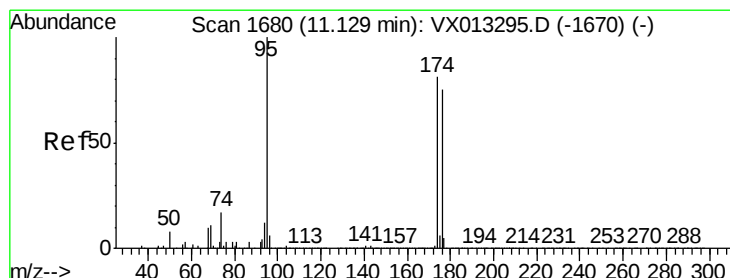
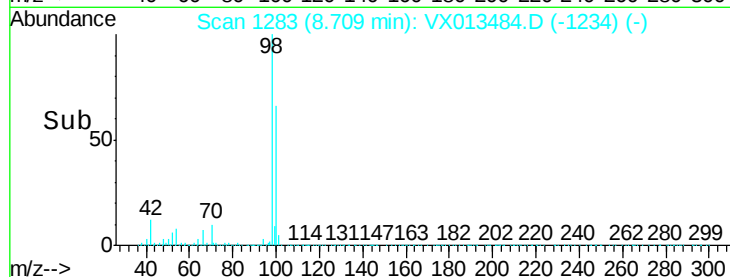
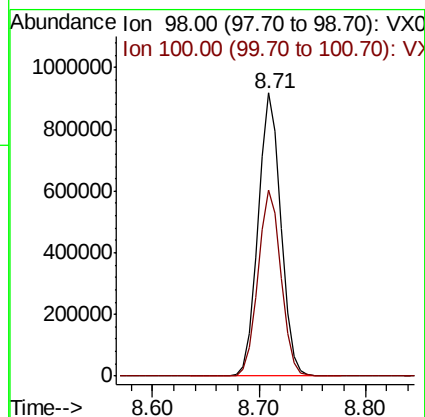
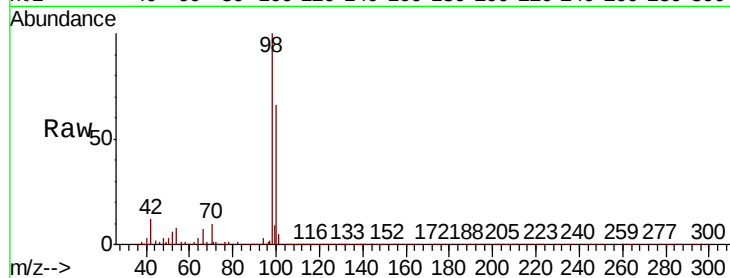
IBLK

Tot Ion: 98 Resp: 1378634

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.065 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

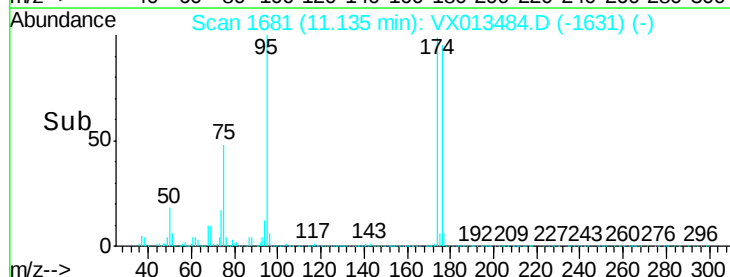
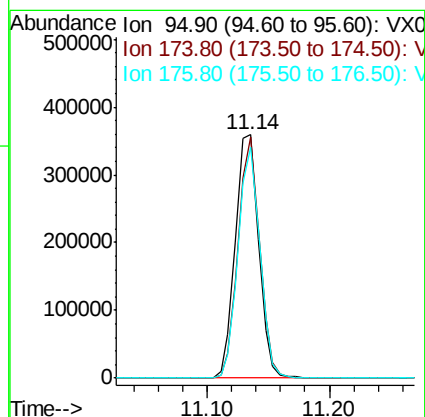
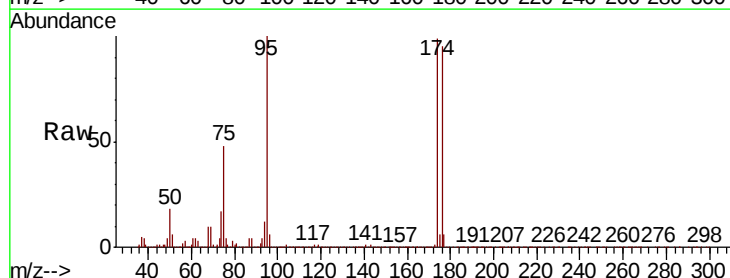
Tgt Ion: 95 Resp: 474152

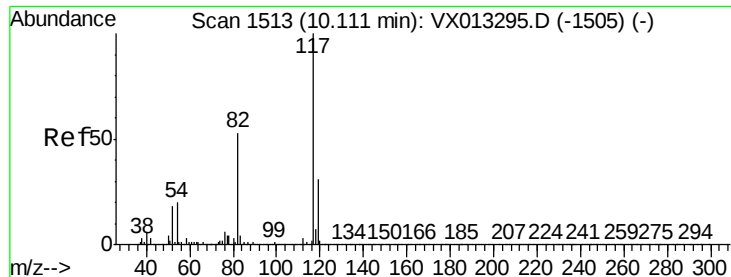
Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.8

176 88.6 0.0 173.0

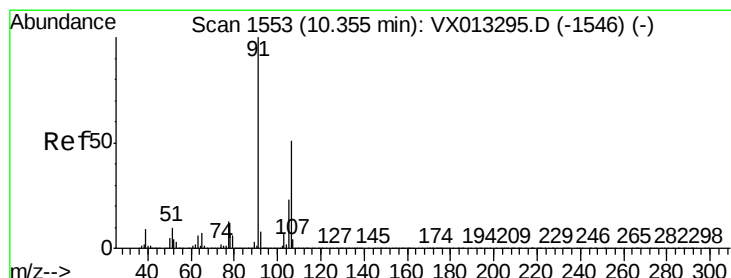
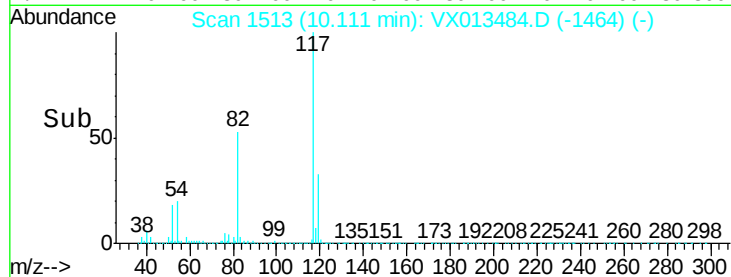
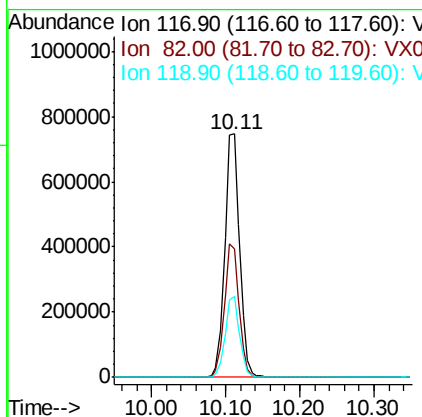
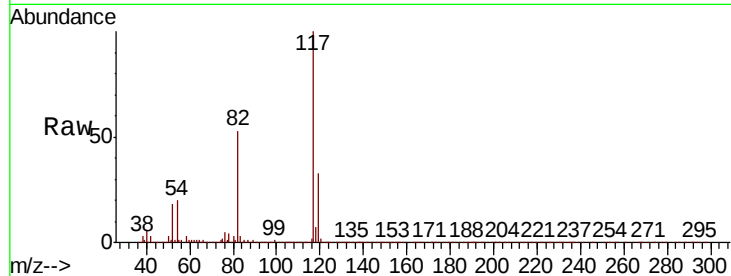




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013484.D
Acq: 20 Nov 2019 17:55

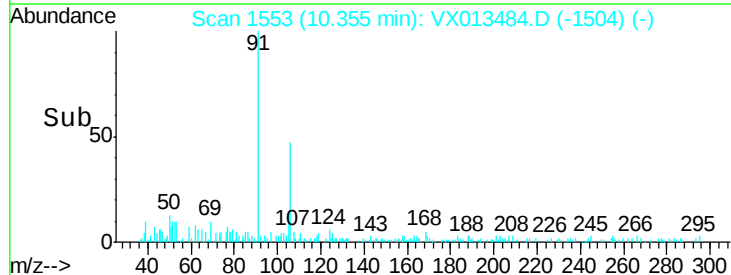
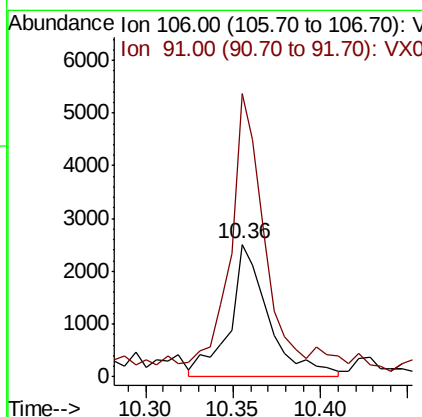
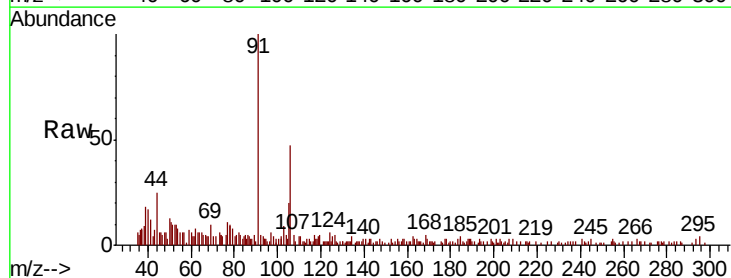
Instrument :
MSVOA_X
ClientSampleId :
IBLK

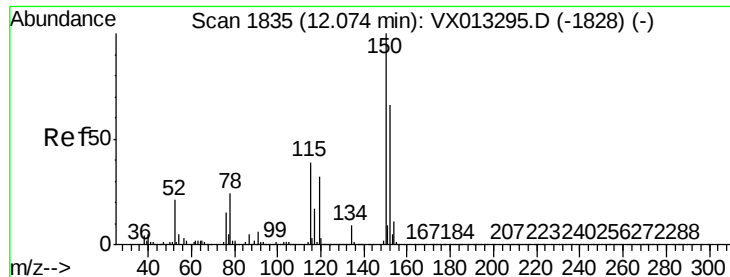
Tot Ion:117 Resp: 1039877
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 33.0 24.8 37.2



#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013484.D
Acq: 20 Nov 2019 17:55

Tgt Ion:106 Resp: 3880
Ion Ratio Lower Upper
106 100
91 164.3 159.3 238.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

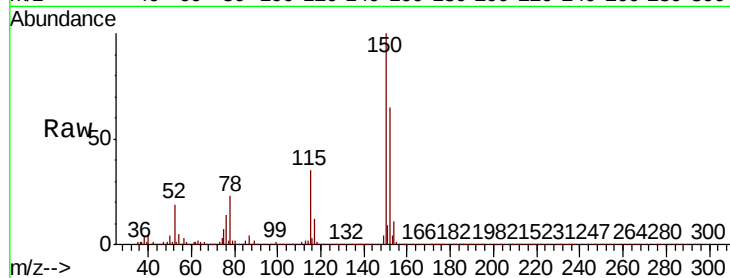
Tot Ion:152 Resp: 491330

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

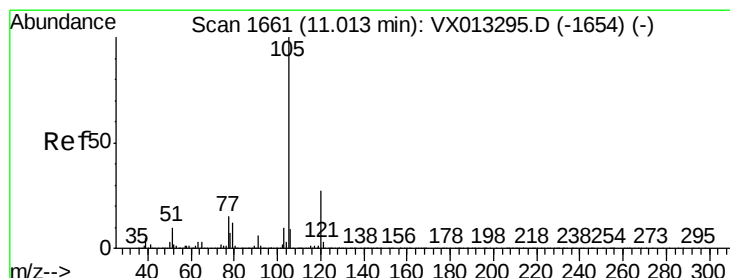
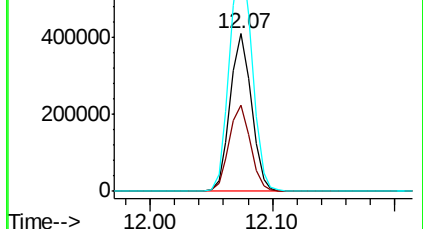
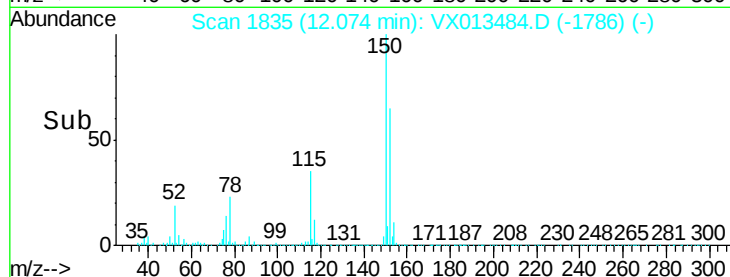
150 155.8 0.0 344.4



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: 0.335 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013484.D

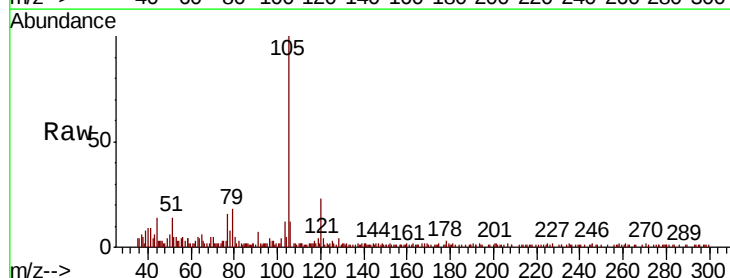
Acq: 20 Nov 2019 17:55

Tgt Ion:105 Resp: 10926

Ion Ratio Lower Upper

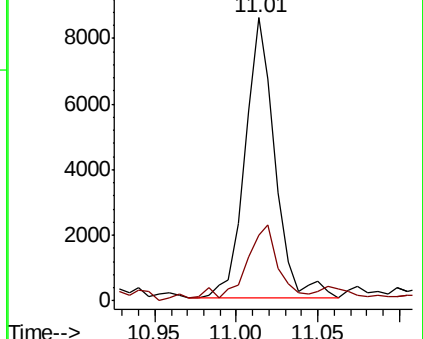
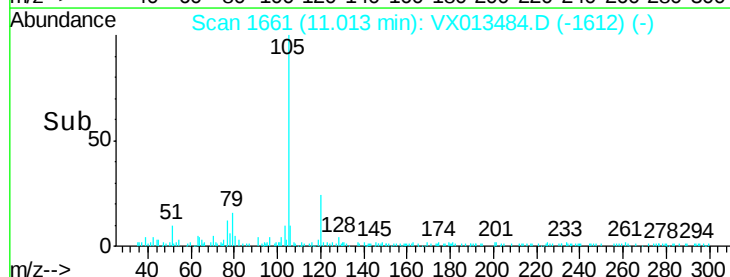
105 100

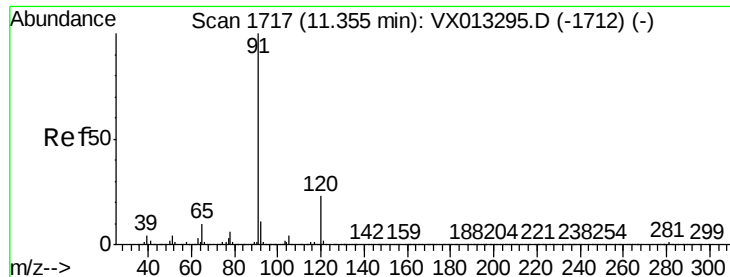
120 26.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.890 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

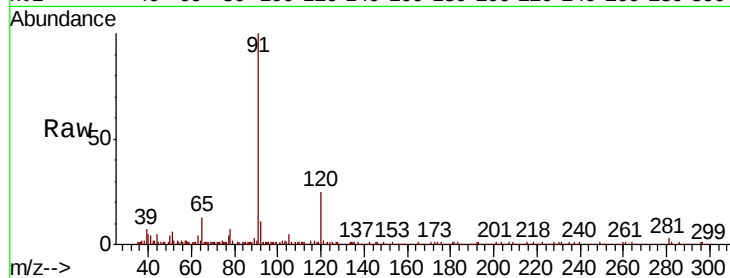
IBLK

Tot Ion: 91 Resp: 32285

Ion Ratio Lower Upper

91 100

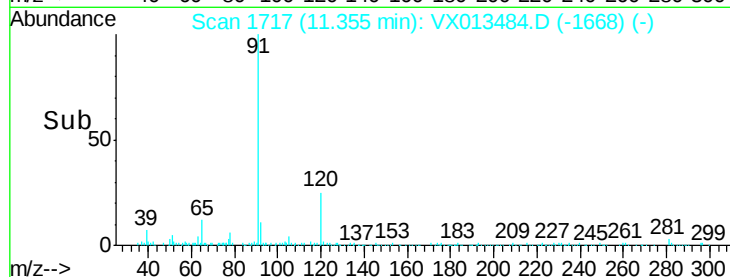
120 26.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1712) (-)

Ion 120.00 (119.70 to 120.70): VX013295.D (-1712) (-)

Time-->

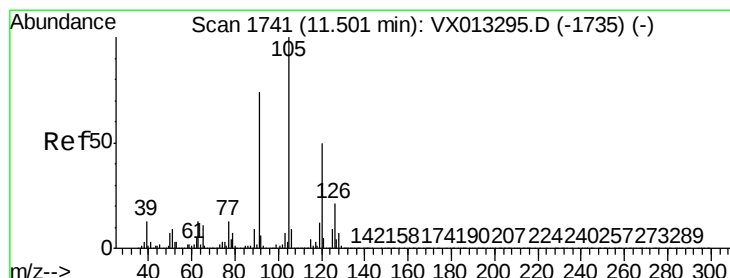


Abundance

Ion 91.00 (90.70 to 91.70): VX013484.D (-1668) (-)

Ion 120.00 (119.70 to 120.70): VX013484.D (-1668) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.652 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013484.D

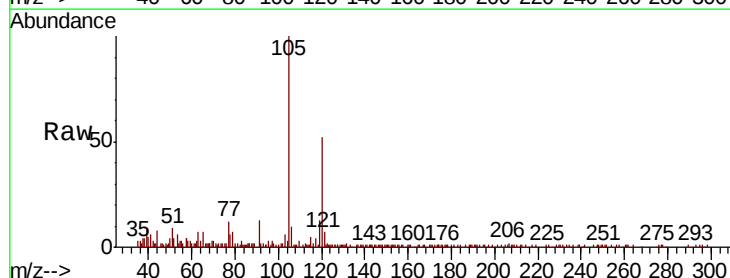
Acq: 20 Nov 2019 17:55

Tgt Ion: 105 Resp: 17685

Ion Ratio Lower Upper

105 100

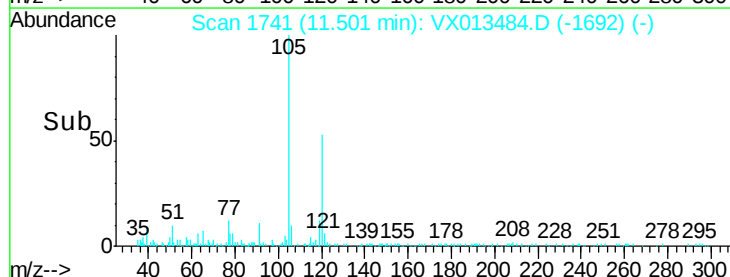
120 51.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013295.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013295.D (-1735) (-)

Time-->

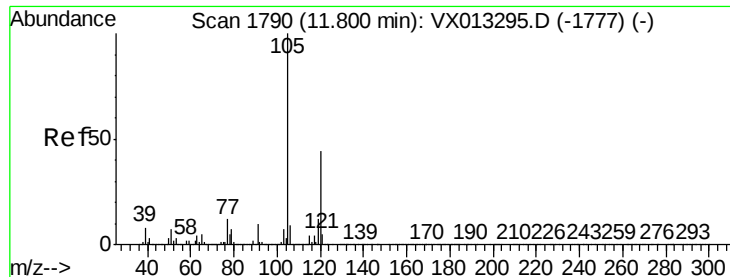


Abundance

Ion 105.00 (104.70 to 105.70): VX013484.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013484.D (-1692) (-)

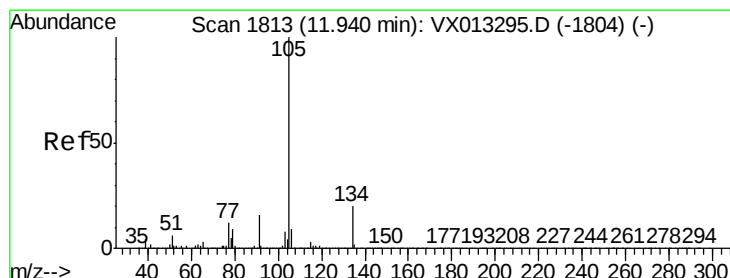
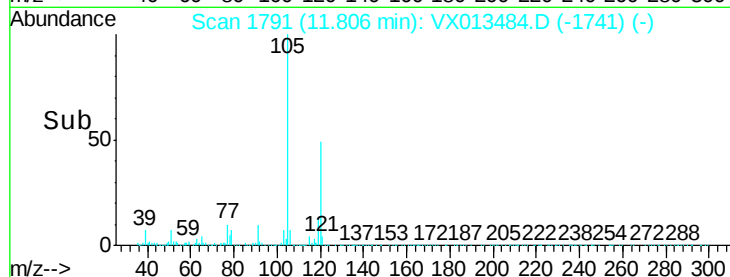
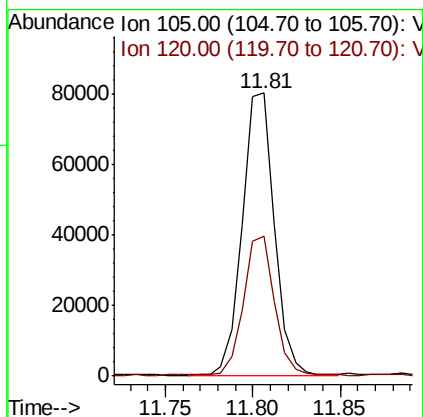
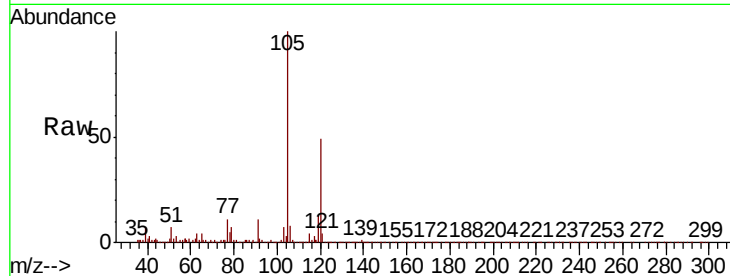
Time-->



#84
 1,2,4-Trimethylbenzene
 Concen: 3.735 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013484.D
 Acq: 20 Nov 2019 17:55

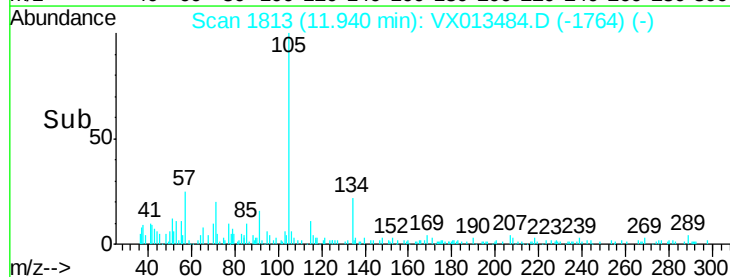
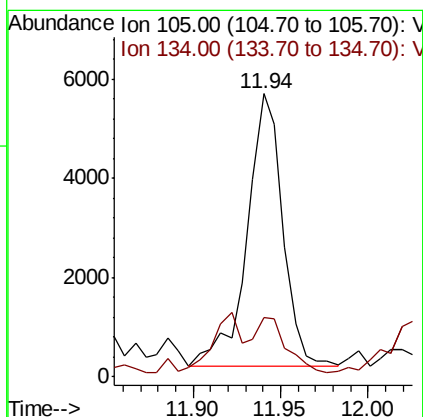
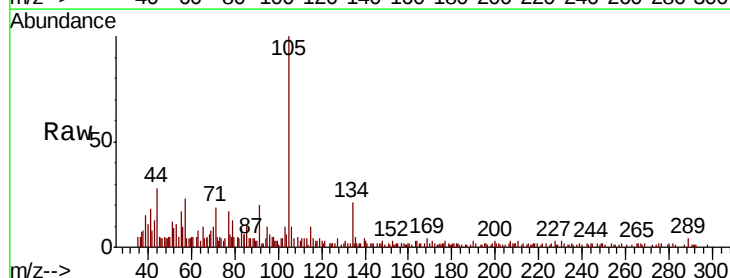
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

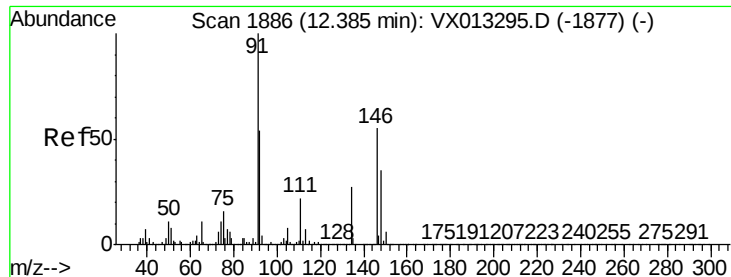
Tot Ion:105 Resp: 101666
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 0.249 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013484.D
 Acq: 20 Nov 2019 17:55

Tgt Ion:105 Resp: 7804
 Ion Ratio Lower Upper
 105 100
 134 16.4 10.3 30.9





#89

n-Butylbenzene

Concen: 0.287 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

Instrument :

MSVOA_X

ClientSampled :

IBLK

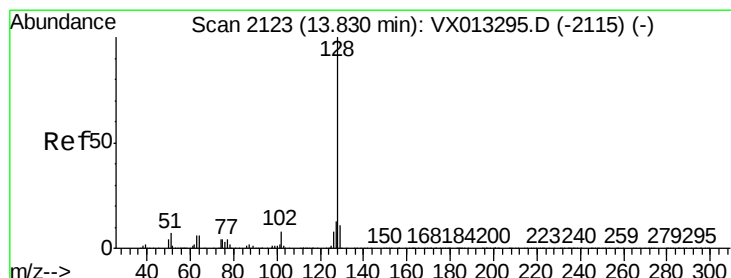
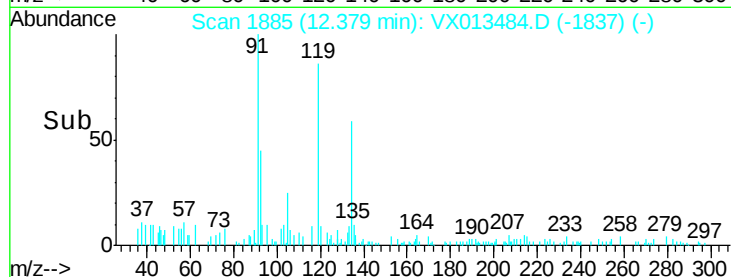
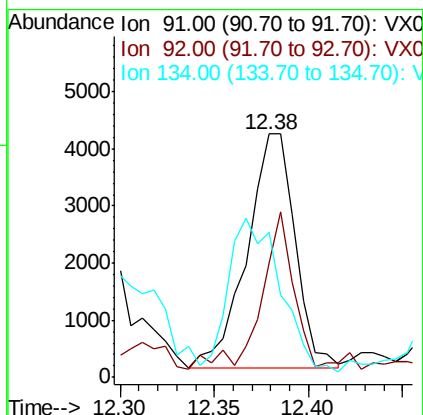
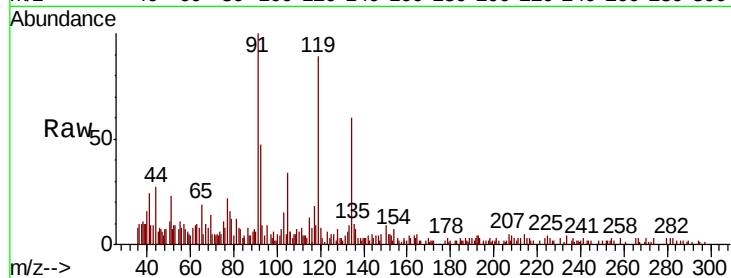
Tot Ion: 91 Resp: 7248

Ion Ratio Lower Upper

91 100

92 45.3 27.3 81.8

134 70.1 13.5 40.5#



#95

Naphthalene

Concen: 0.308 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013484.D

Acq: 20 Nov 2019 17:55

Tgt Ion: 128 Resp: 10438

Ion Ratio Lower Upper

128 100

127 17.0 10.2 15.2#

129 12.0 8.5 12.7

