

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013688.D
 Acq On : 28 Nov 2019 06:14
 Operator : JC/SP
 Sample : K5965-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0189

Quant Time: Dec 02 07:46:47 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

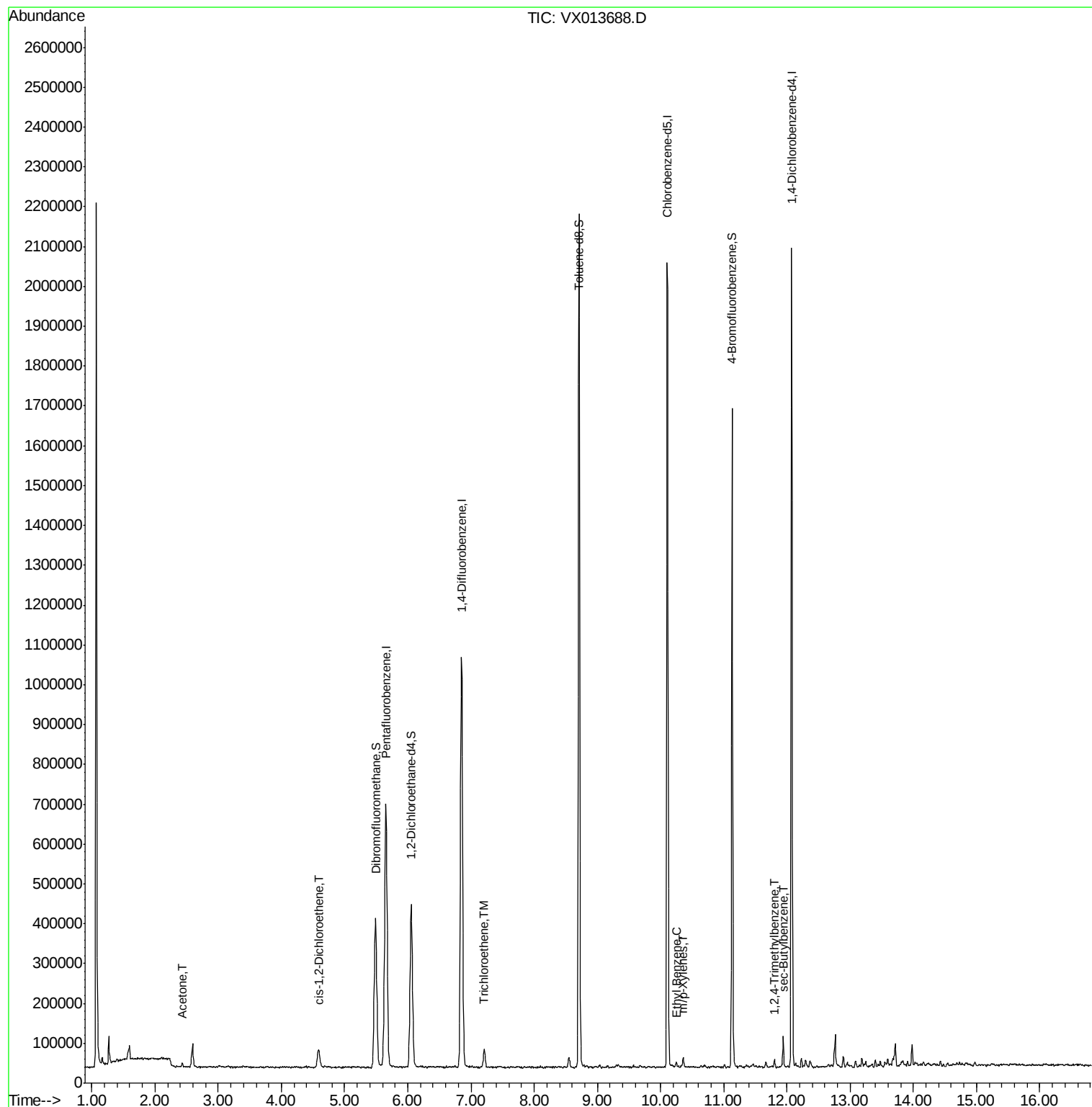
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	693298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1075672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	429342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	390156	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	5.49	113	321161	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	1273659	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.14	95	428306	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	2.43	43	8575	2.158	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30809	3.732	ug/l	89
44) Trichloroethene	7.21	130	20553	2.518	ug/l	95
67) Ethyl Benzene	10.25	91	9020	0.262	ug/l	98
68) m/p-Xylenes	10.36	106	6795	0.515	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	8950	0.357	ug/l	89
85) sec-Butylbenzene	11.94	105	41674	1.454	ug/l	92

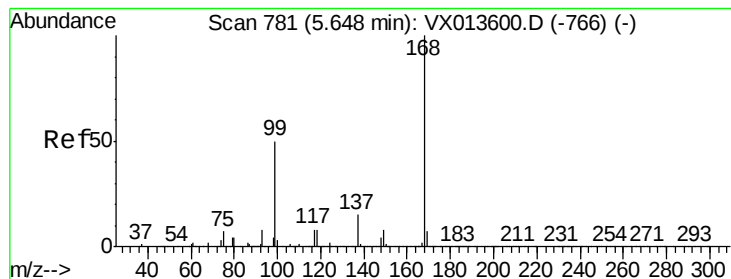
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

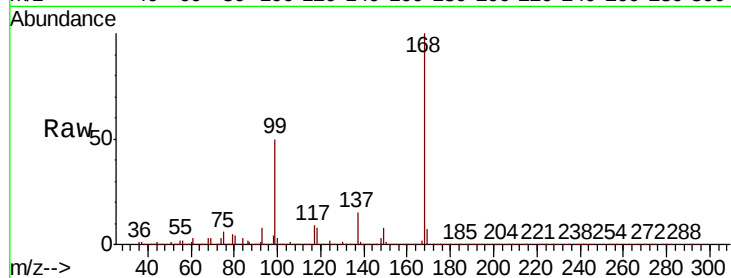
S39-0189

Tot Ion:168 Resp: 693298

Ion Ratio Lower Upper

168 100

99 49.5 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

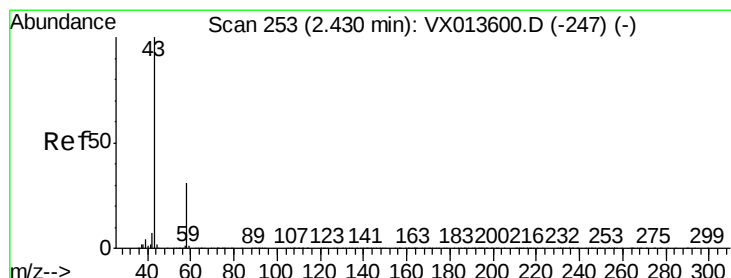
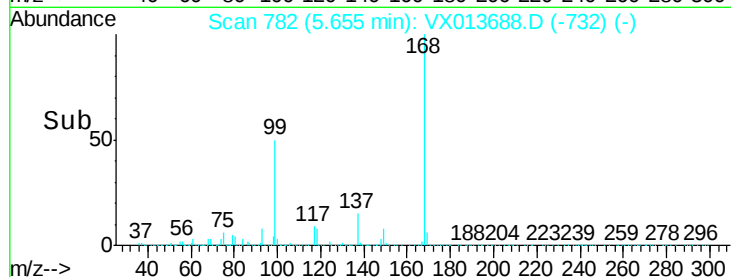
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.158 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013688.D

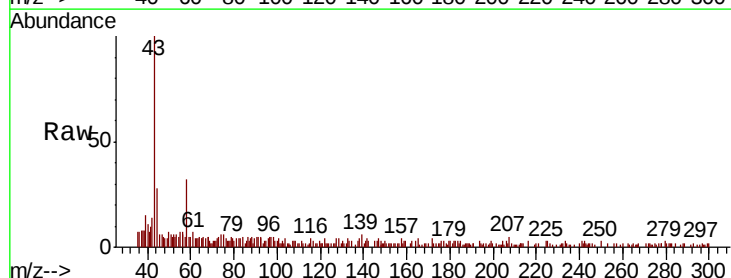
Acq: 28 Nov 2019 06:14

Tgt Ion: 43 Resp: 8575

Ion Ratio Lower Upper

43 100

58 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

5000

4000

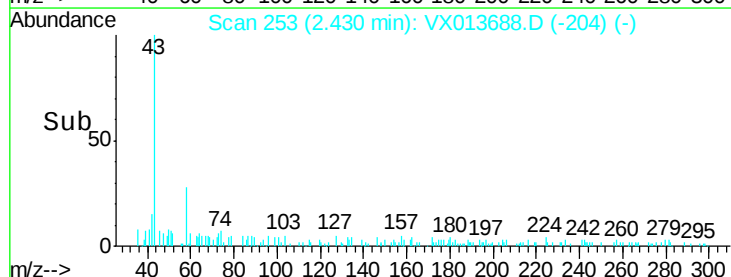
3000

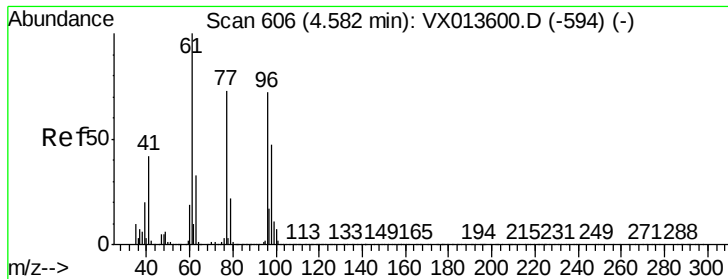
2000

1000

0

Time-->



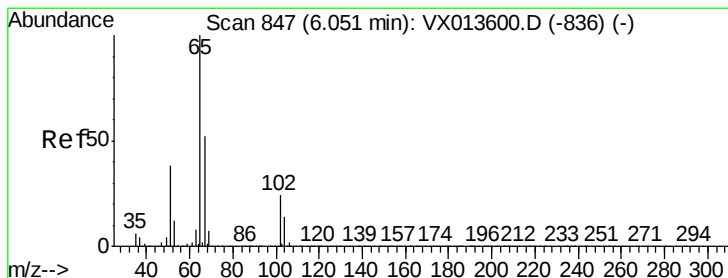
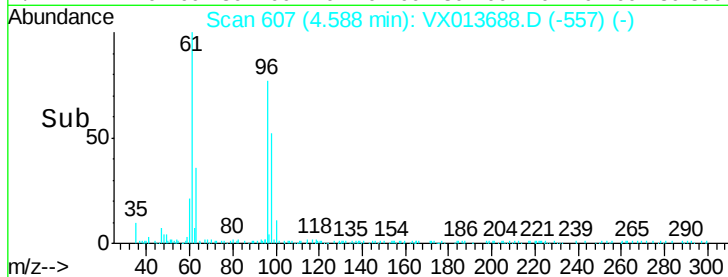
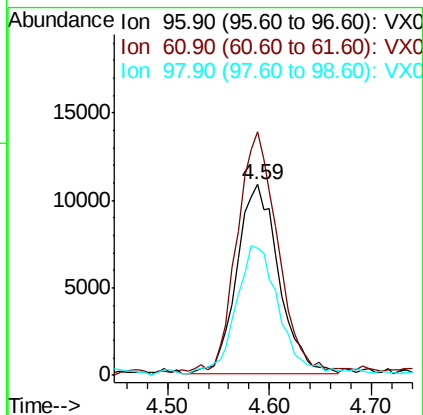
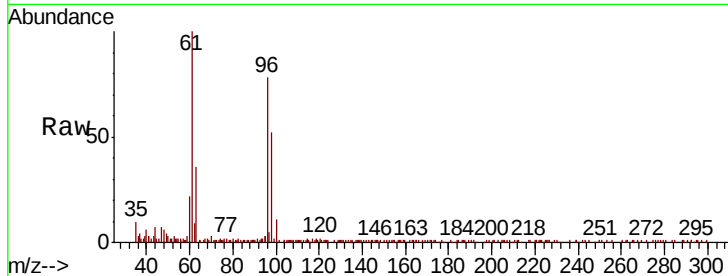


#27

cis-1,2-Dichloroethene
Concen: 3.732 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Instrument :
MSVOA_X
ClientSampled :
S39-0189

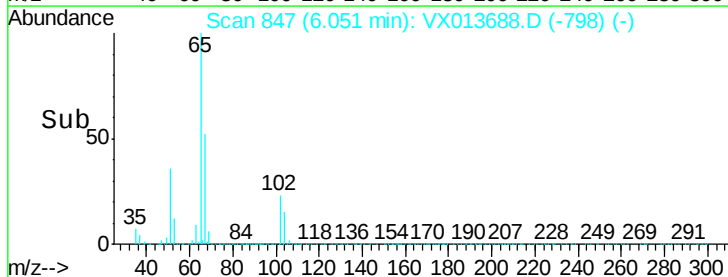
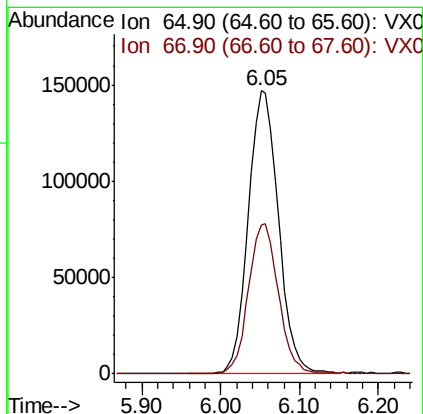
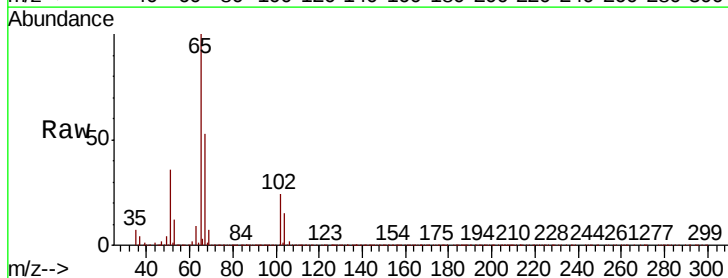
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	286.4
98	71.5	0.0	127.4

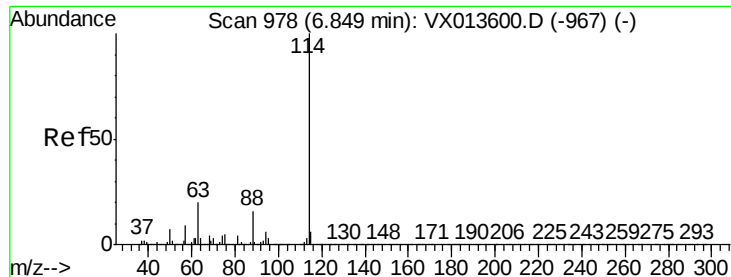


#33

1,2-Dichloroethane-d4
Concen: 48.481 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013688.D
Acq: 28 Nov 2019 06:14

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampled :

S39-0189

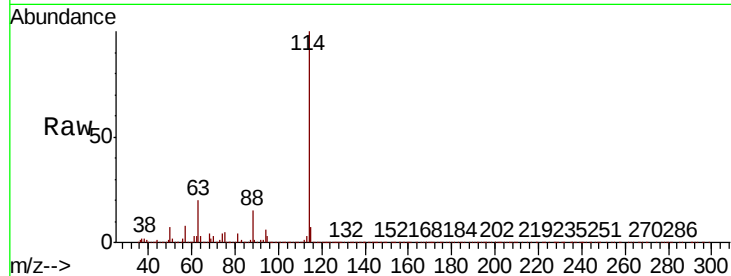
Tot Ion:114 Resp: 1075672

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

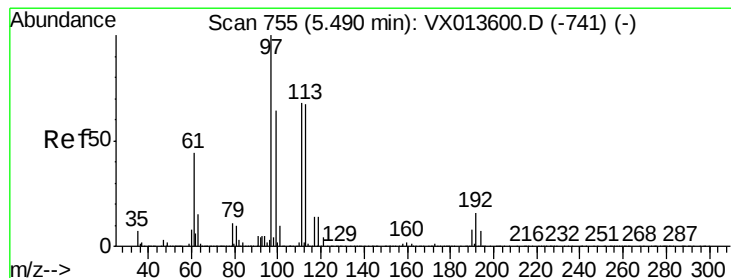
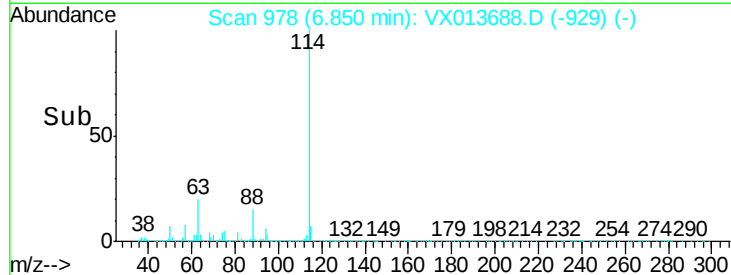
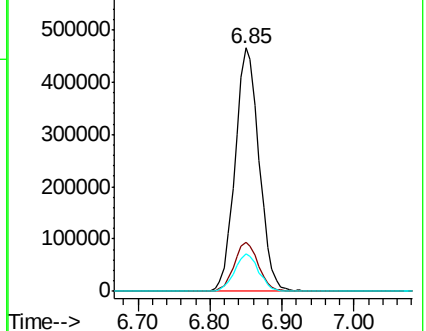
88 15.4 0.0 31.4



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: 48.295 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

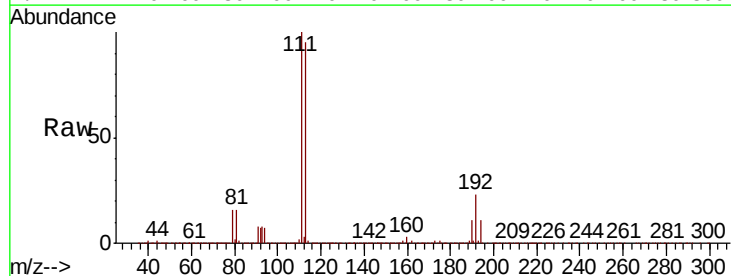
Tgt Ion:113 Resp: 321161

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

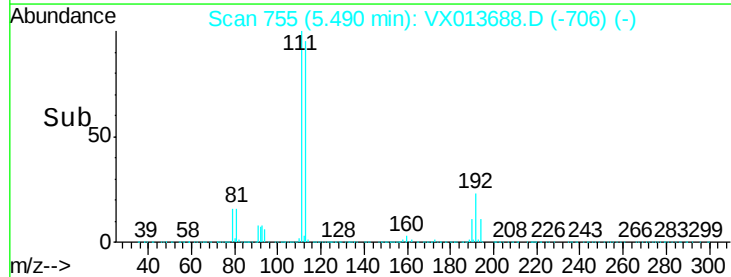
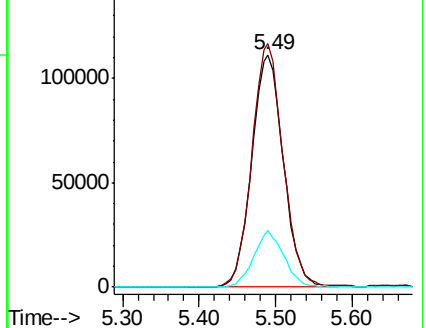
192 23.4 19.2 28.8

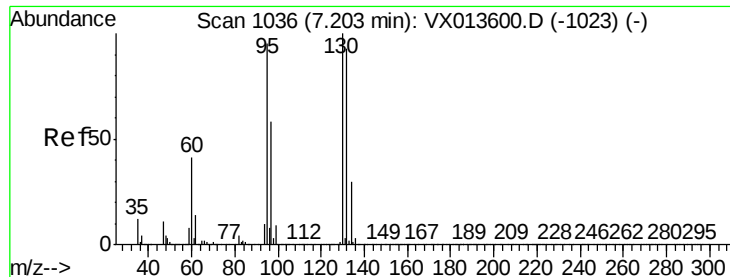


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.518 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampled :

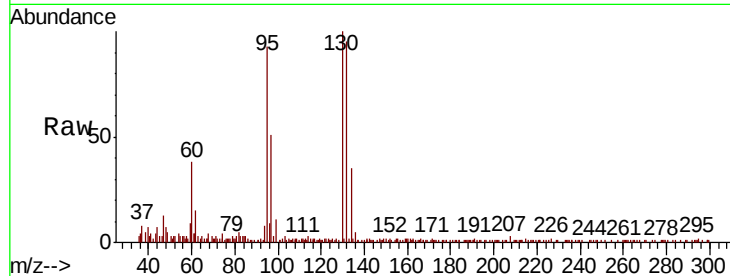
S39-0189

Tot Ion:130 Resp: 20553

Ion Ratio Lower Upper

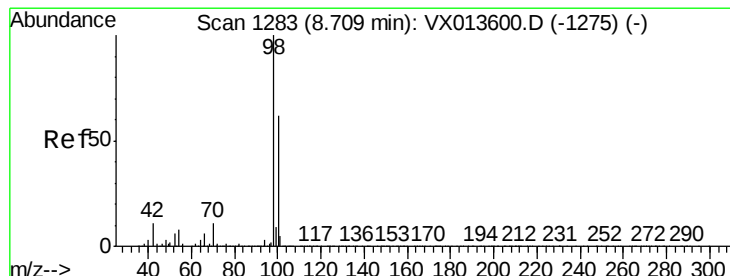
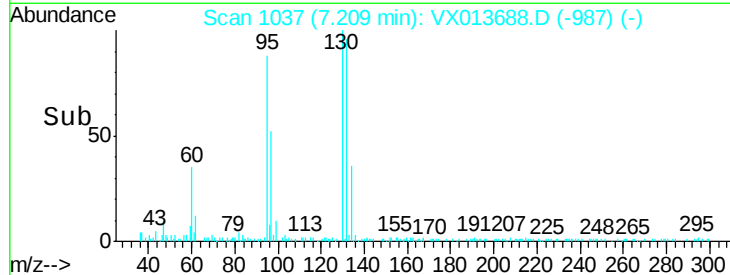
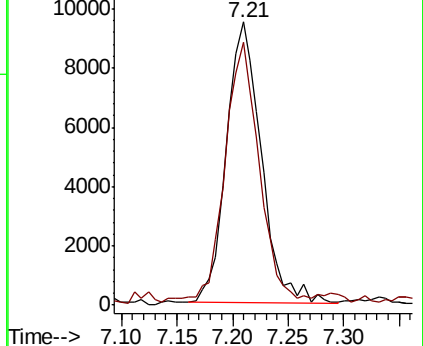
130 100

95 91.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.159 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013688.D

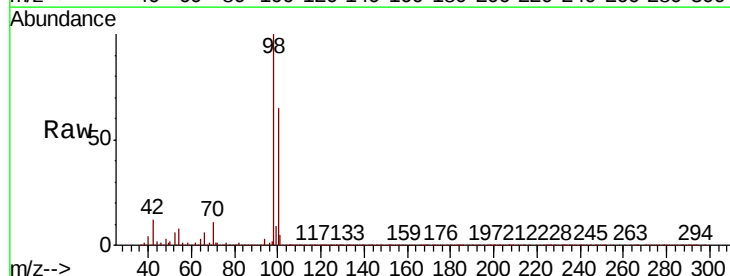
Acq: 28 Nov 2019 06:14

Tgt Ion: 98 Resp: 1273659

Ion Ratio Lower Upper

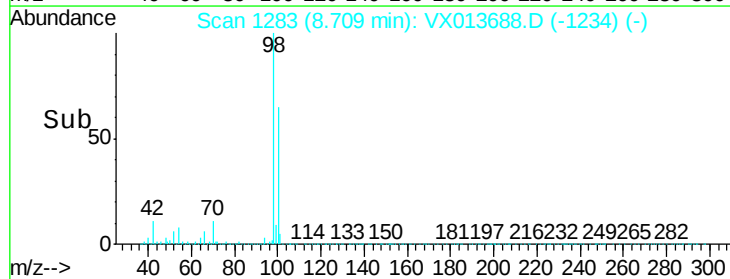
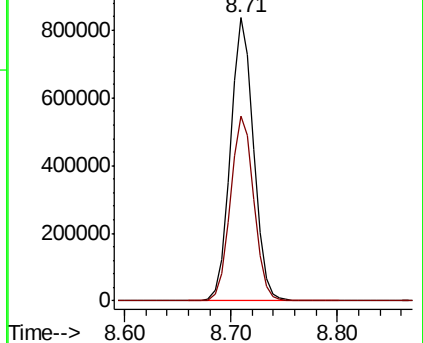
98 100

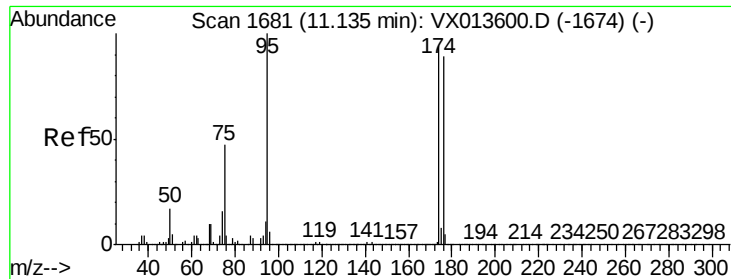
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.843 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

S39-0189

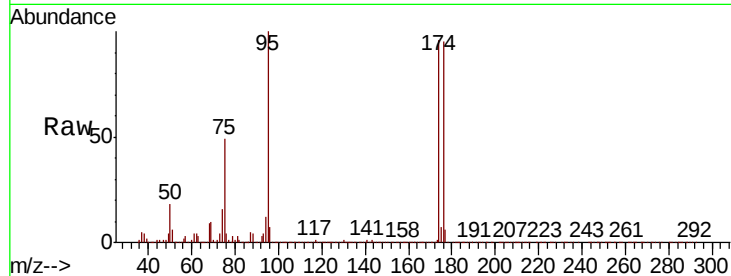
Tot Ion: 95 Resp: 428306

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

176 87.6 0.0 173.6

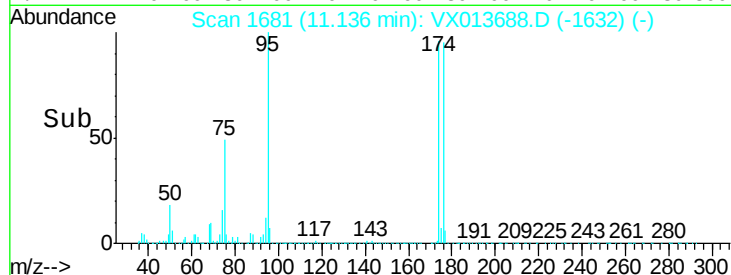


Abundance Ion 94.90 (94.60 to 95.60): VX013688.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013688.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013688.D (-1632) (-)

Time-->

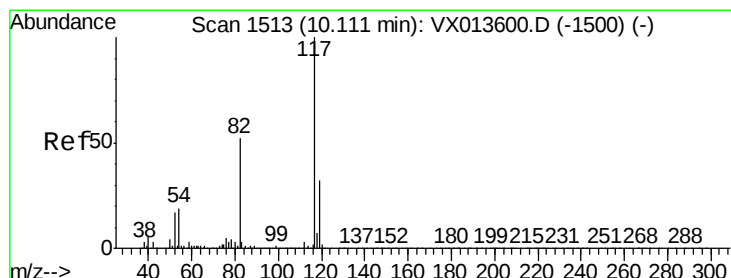


Abundance Ion 94.90 (94.60 to 95.60): VX013688.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013688.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013688.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

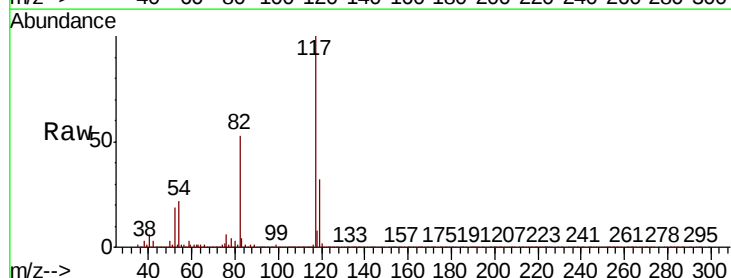
Tgt Ion: 117 Resp: 965220

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

119 31.7 25.8 38.8

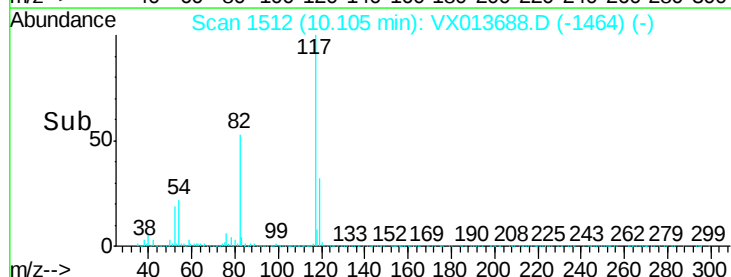


Abundance Ion 116.90 (116.60 to 117.60): VX013688.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013688.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013688.D (-1464) (-)

Time-->

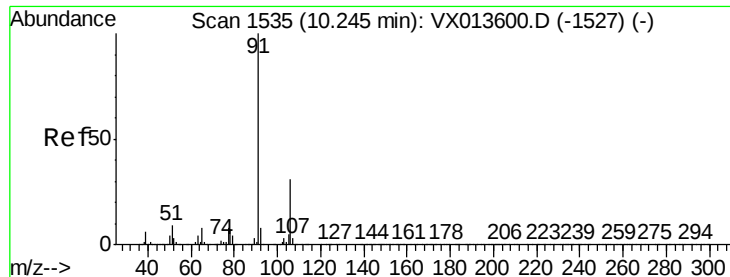


Abundance Ion 116.90 (116.60 to 117.60): VX013688.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013688.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013688.D (-1464) (-)

Time-->



#67

Ethyl Benzene

Concen: 0.262 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

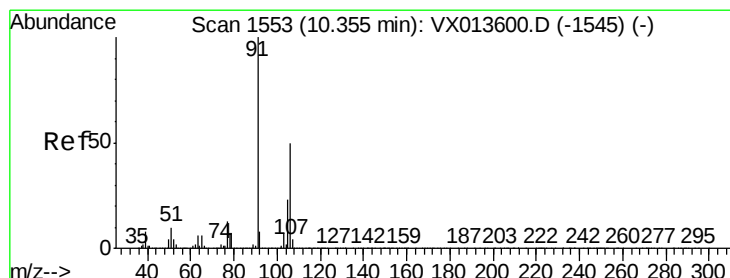
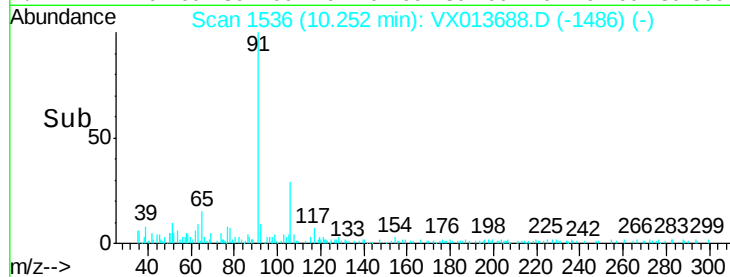
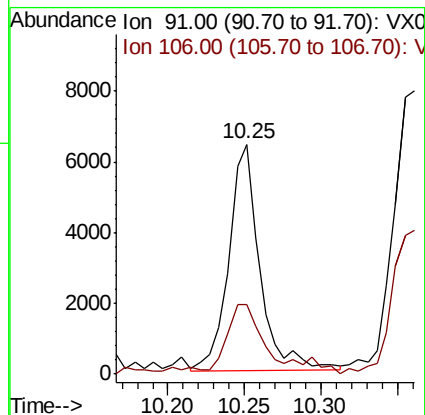
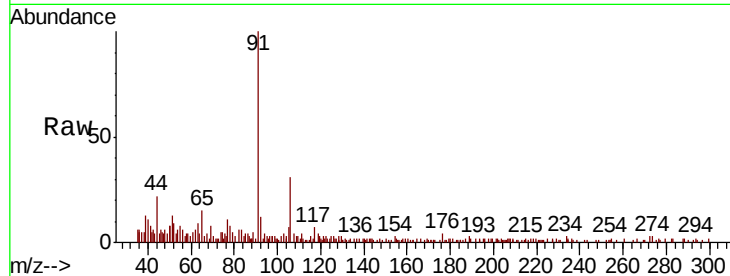
S39-0189

Tot Ion: 91 Resp: 9020

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 0.515 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX013688.D

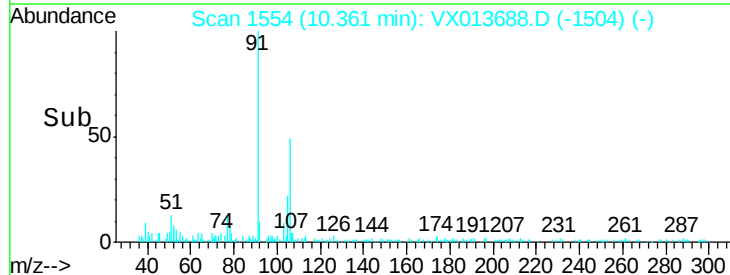
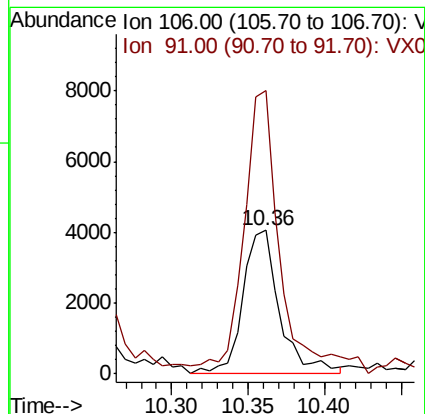
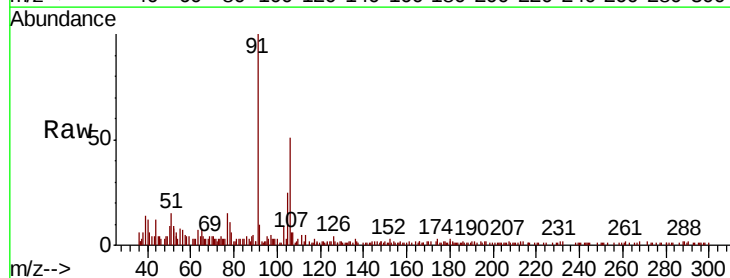
Acq: 28 Nov 2019 06:14

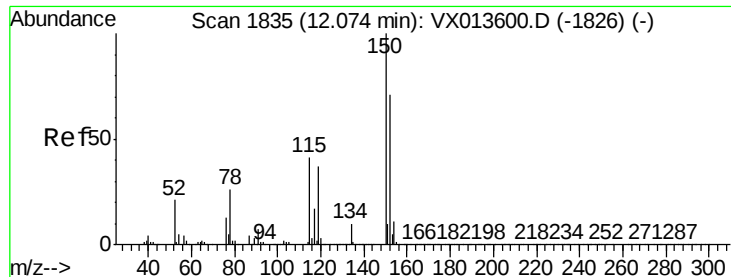
Tgt Ion: 106 Resp: 6795

Ion Ratio Lower Upper

106 100

91 196.5 159.0 238.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

S39-0189

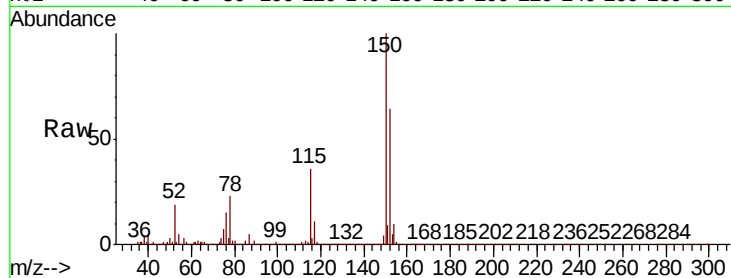
Tot Ion:152 Resp: 429342

Ion Ratio Lower Upper

152 100

115 56.2 38.4 115.1

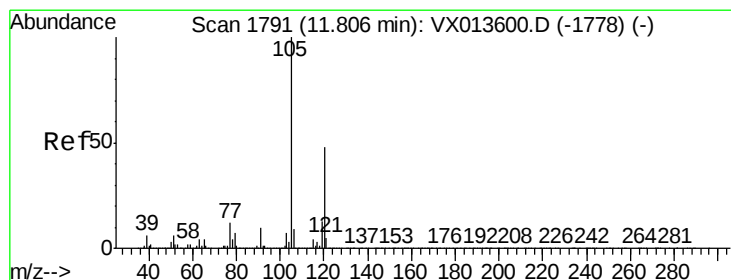
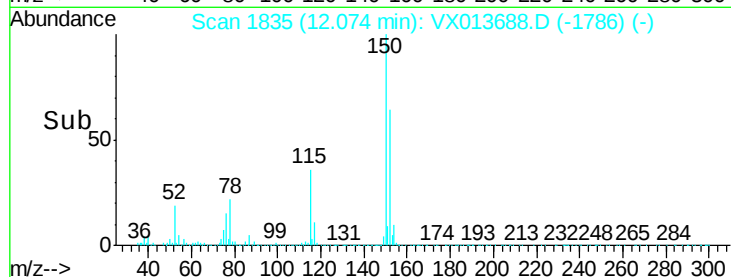
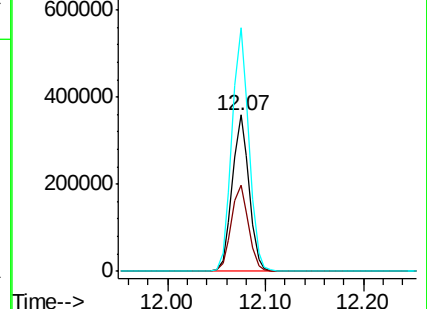
150 156.7 0.0 346.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.357 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013688.D

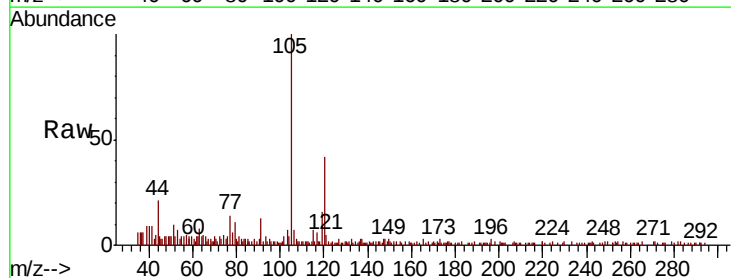
Acq: 28 Nov 2019 06:14

Tgt Ion:105 Resp: 8950

Ion Ratio Lower Upper

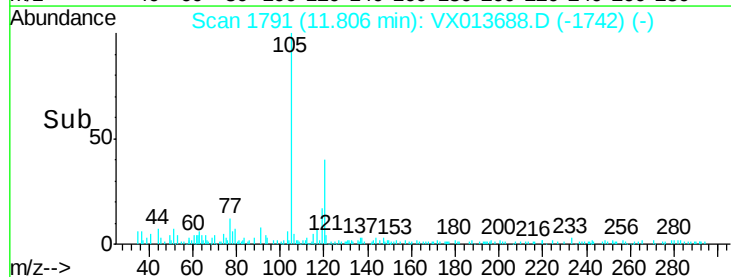
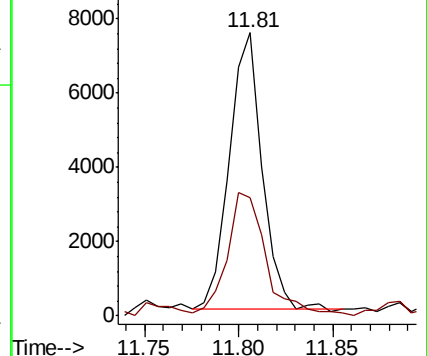
105 100

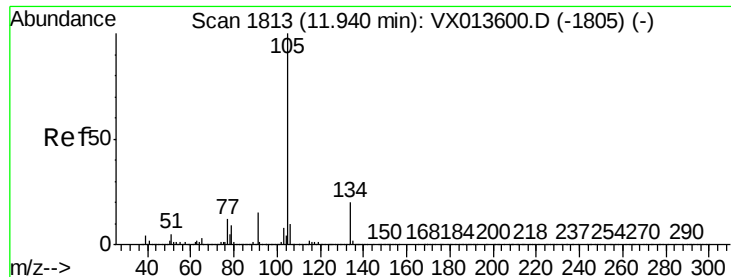
120 53.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.454 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013688.D

Acq: 28 Nov 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

S39-0189

Tot Ion:105 Resp: 41674

Ion Ratio Lower Upper

105 100

134 24.4 10.4 31.2

