

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016890.D
 Acq On : 19 Jun 2020 19:16
 Operator : JC/SP
 Sample : L3020-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03_061720

Quant Time: Jun 22 05:23:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

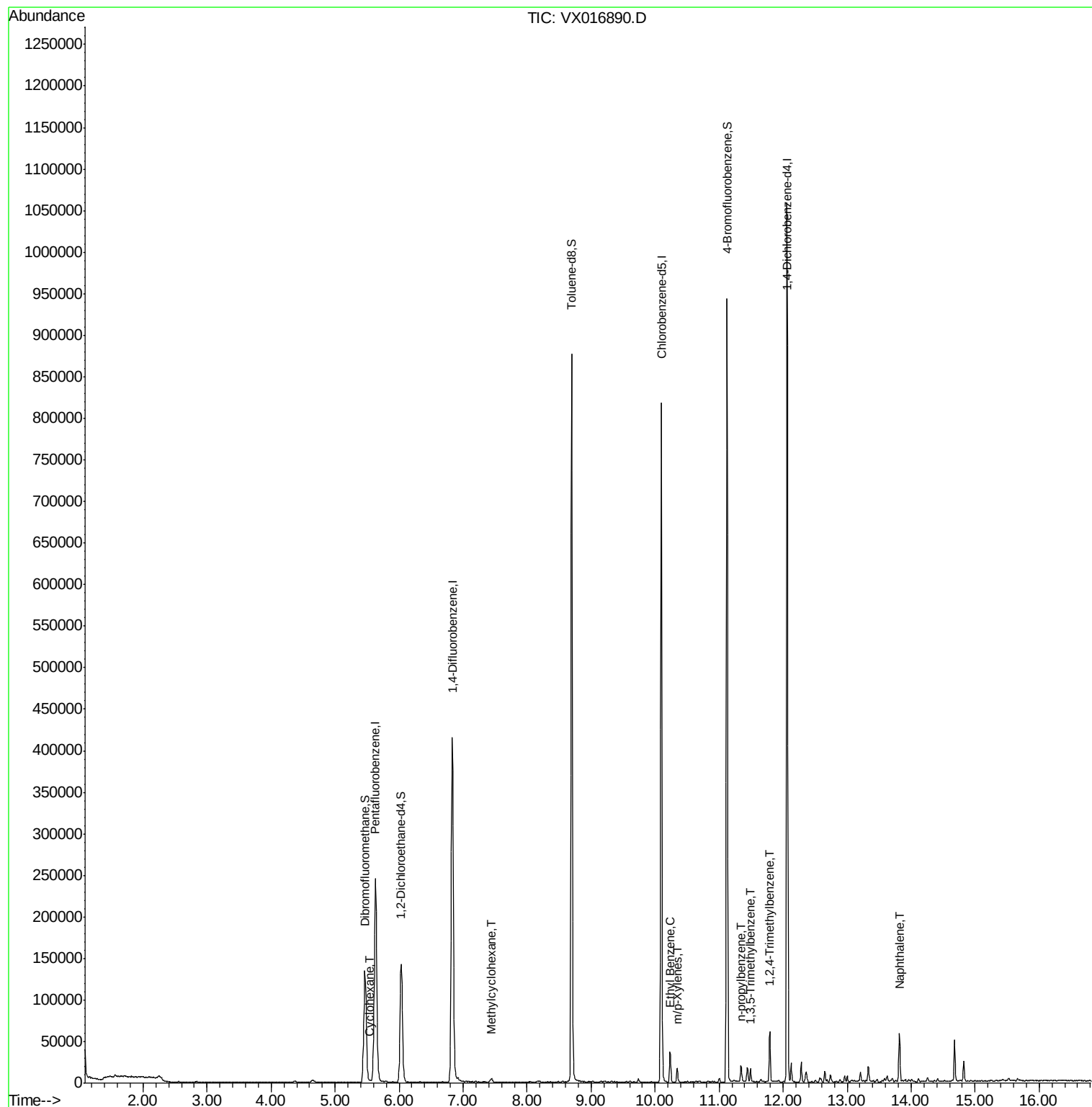
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	138532	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	5.46	113	118080	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
50) Toluene-d8	8.70	98	506561	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.12	95	243905	58.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.96%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.55	56	1246	0.345	ug/l #	66
39) Methylcyclohexane	7.44	83	2040	0.451	ug/l	96
67) Ethyl Benzene	10.23	91	21963	1.622	ug/l	94
68) m/p-Xylenes	10.35	106	4146	0.787	ug/l	99
78) n-propylbenzene	11.34	91	11070	0.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6749	0.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	26604	2.094	ug/l	97
95) Naphthalene	13.82	128	37422	2.761	ug/l	99

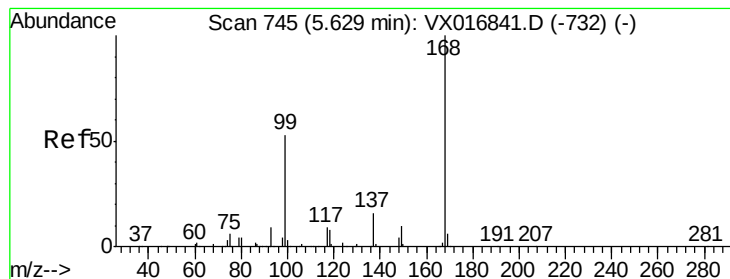
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TB-03_061720

Quant Time: Jun 22 05:23:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

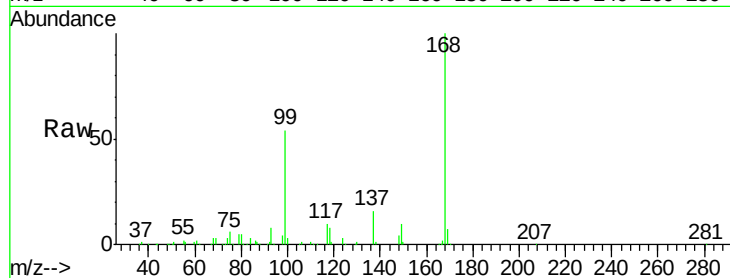
TB-03_061720

Tot Ion:168 Resp: 242777

Ion Ratio Lower Upper

168 100

99 53.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

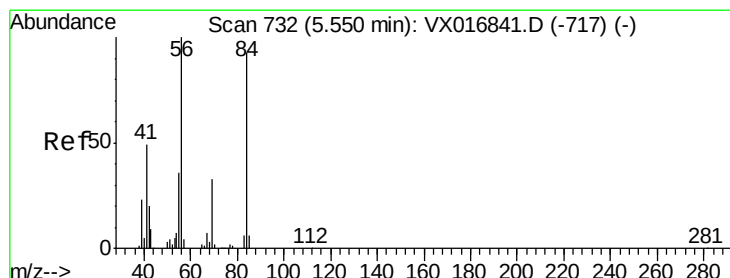
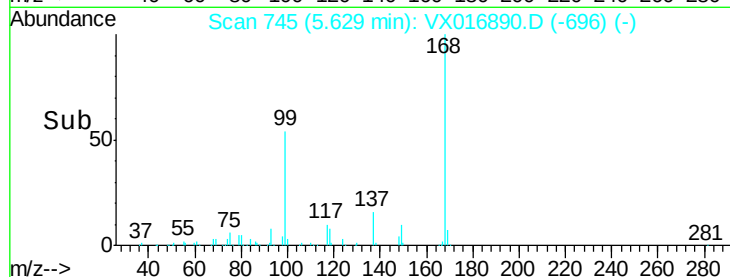
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#31

Cyclohexane

Concen: 0.345 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

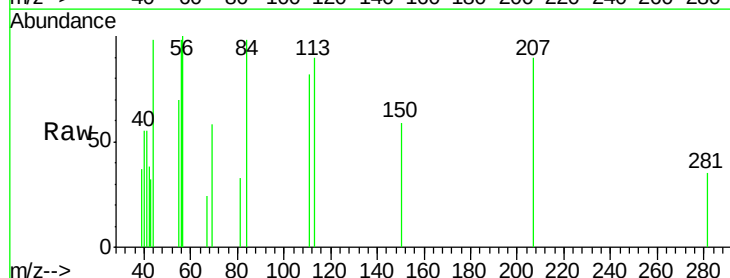
Tgt Ion: 56 Resp: 1246

Ion Ratio Lower Upper

56 100

69 29.4 26.1 39.1

84 49.8 73.0 109.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

4000

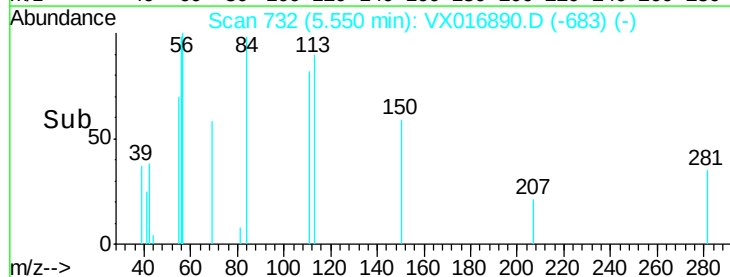
3000

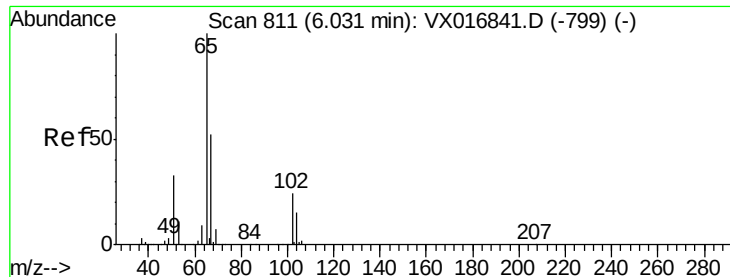
2000

1000

0

Time--> 5.50 5.55 5.60

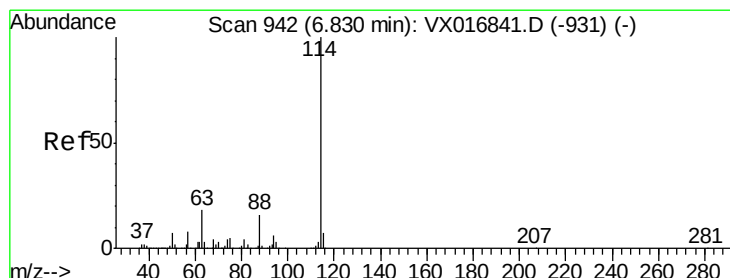
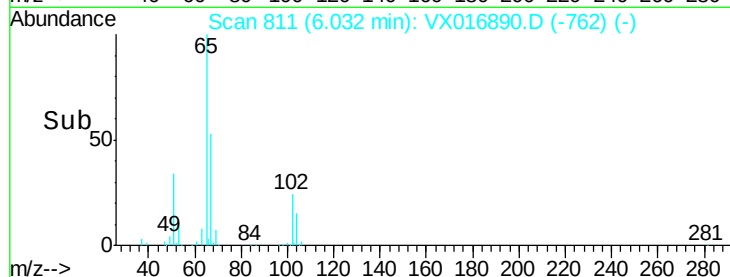
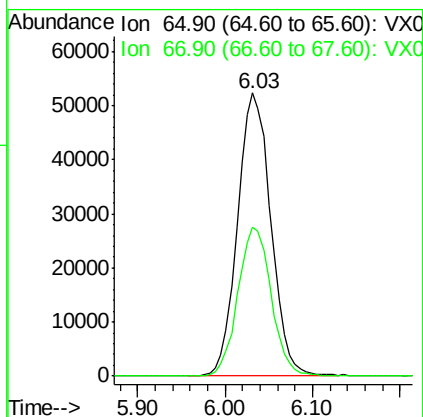
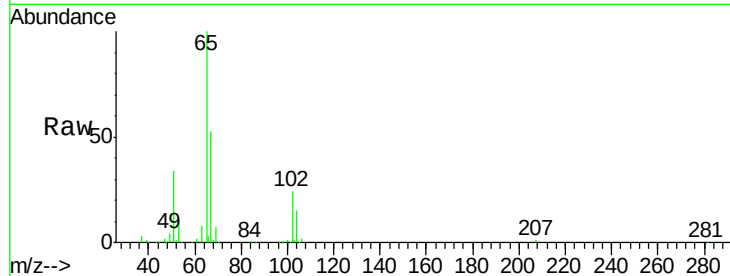




#33
 1,2-Dichloroethane-d4
 Concen: 47.445 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016890.D
 Acq: 19 Jun 2020 19:16

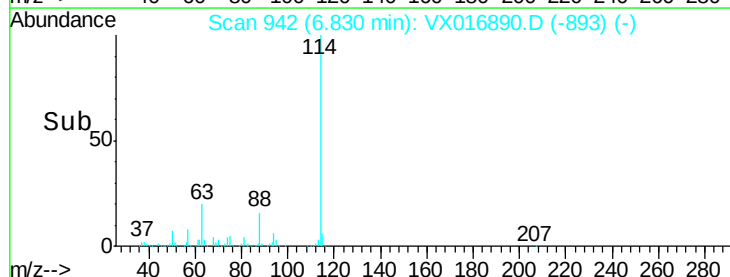
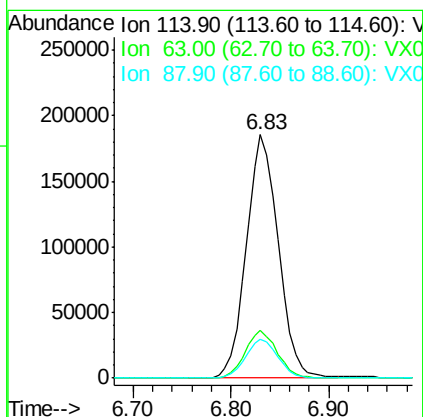
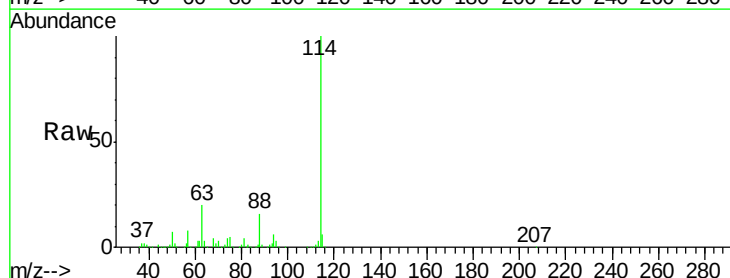
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03_061720

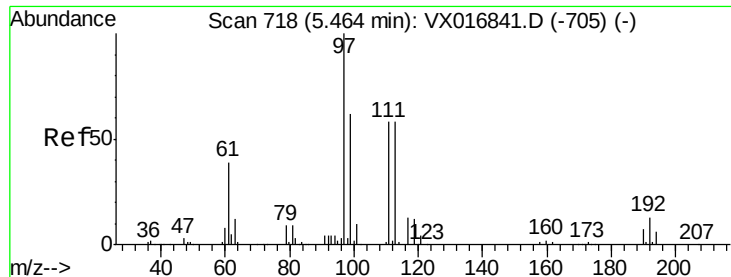
Tot Ion: 65 Resp: 138532
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016890.D
 Acq: 19 Jun 2020 19:16

Tgt Ion: 114 Resp: 421705
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 43.771 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

TB-03_061720

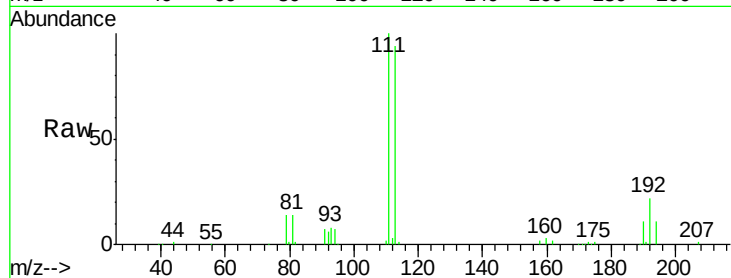
Tot Ion:113 Resp: 118080

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

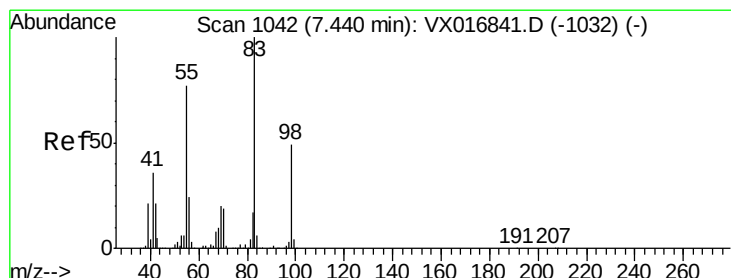
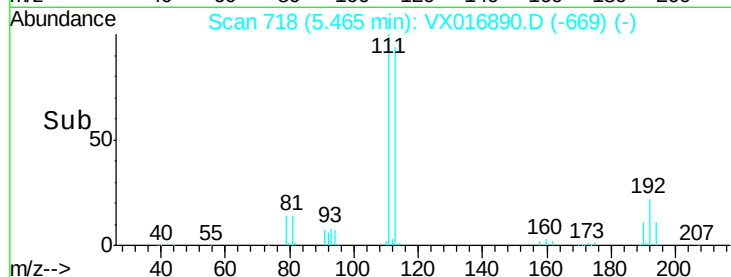
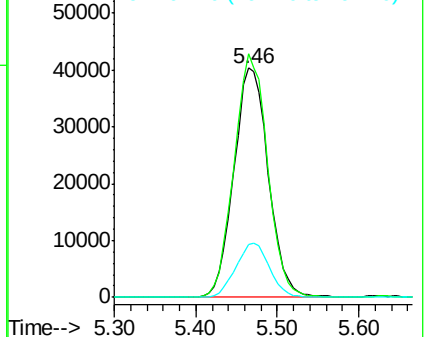
192 23.2 18.5 27.7



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



#39

Methylcyclohexane

Concen: 0.451 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

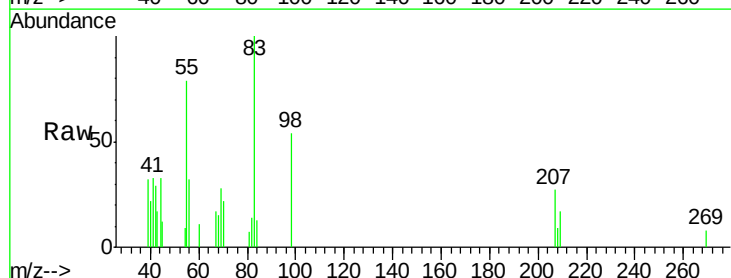
Tgt Ion: 83 Resp: 2040

Ion Ratio Lower Upper

83 100

55 79.2 61.7 92.5

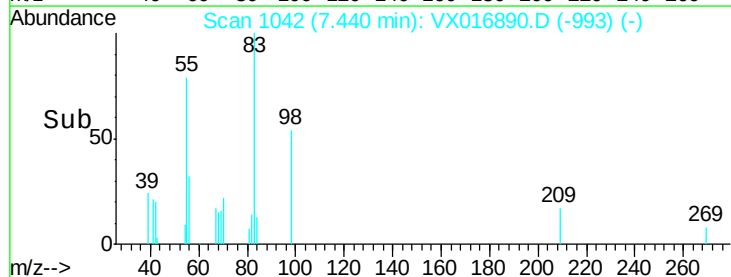
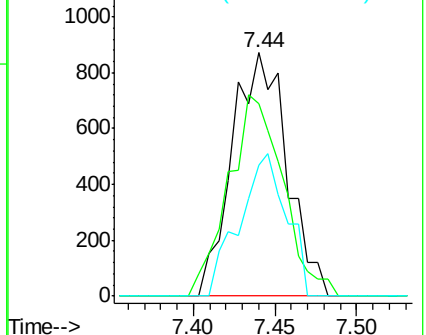
98 53.6 39.0 58.6

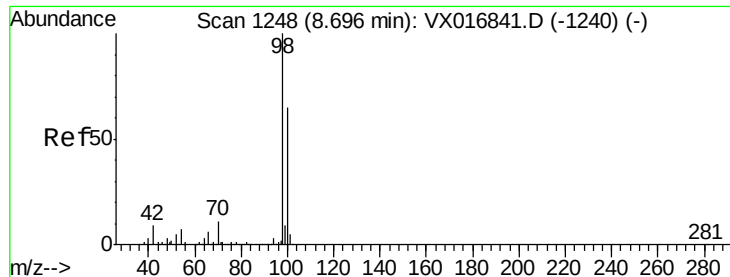


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

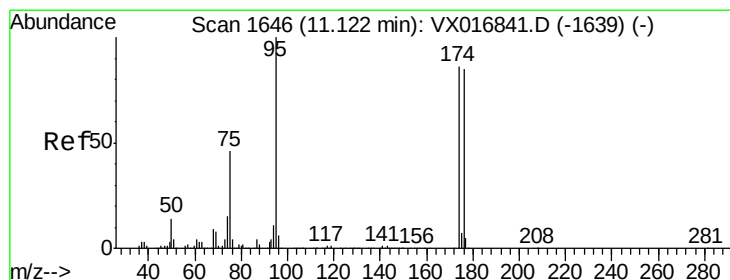
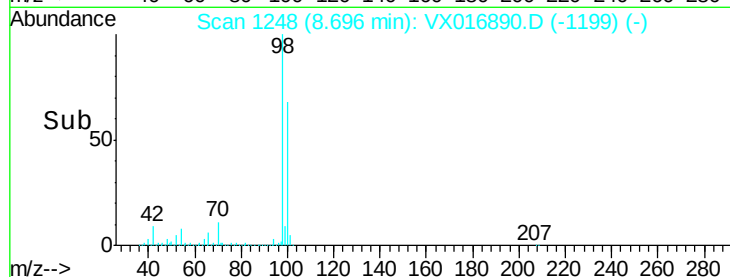
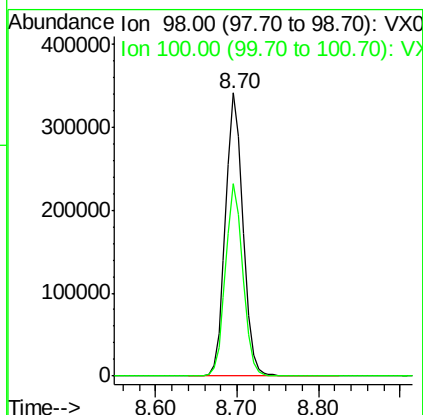
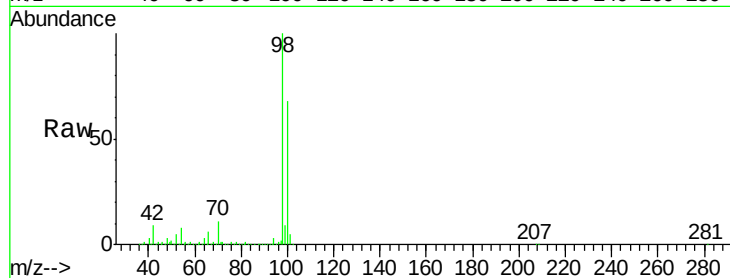




#50
Toluene-d8
Concen: 46.935 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016890.D
Acq: 19 Jun 2020 19:16

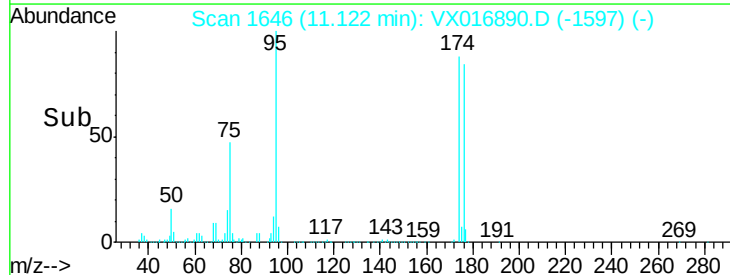
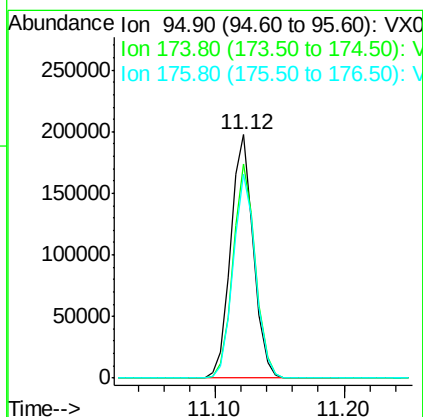
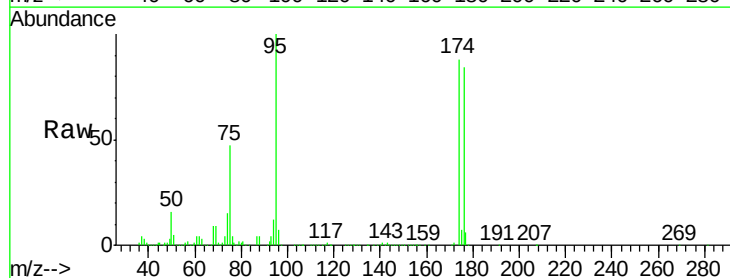
Instrument :
MSVOA_X
ClientSampleId :
TB-03_061720

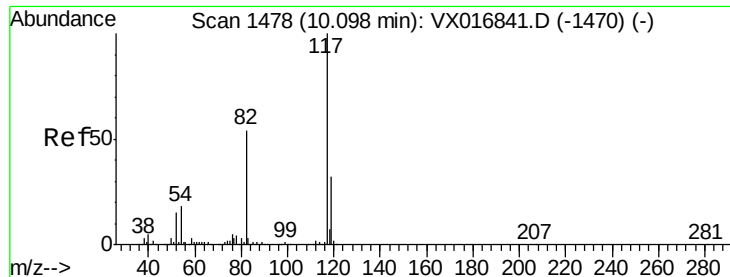
Tot Ion: 98 Resp: 506561
Ion Ratio Lower Upper
98 100
100 67.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 58.982 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016890.D
Acq: 19 Jun 2020 19:16

Tgt Ion: 95 Resp: 243905
Ion Ratio Lower Upper
95 100
174 86.7 0.0 174.2
176 83.0 0.0 170.0

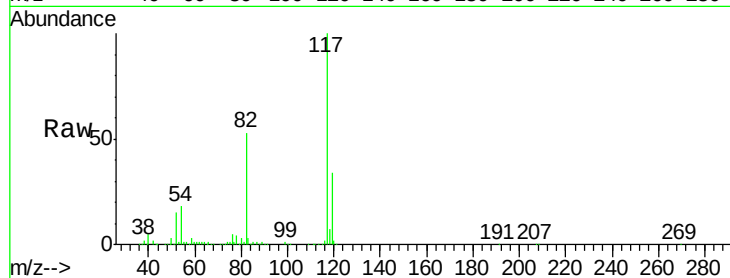




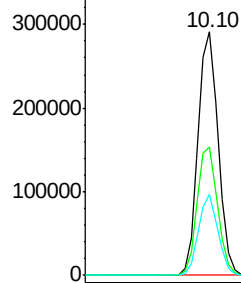
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016890.D
Acq: 19 Jun 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
TB-03_061720

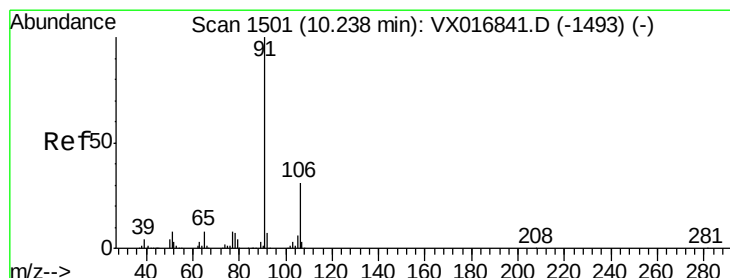
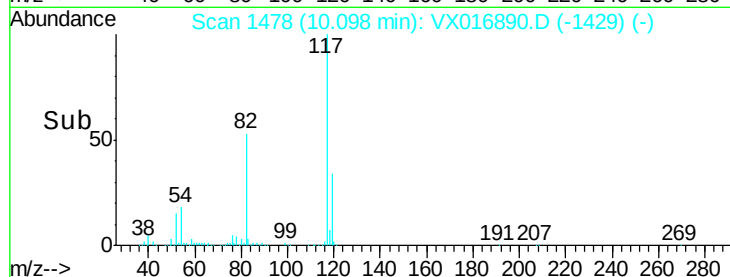
Tot Ion:117 Resp: 396414
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 33.5 25.7 38.5



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

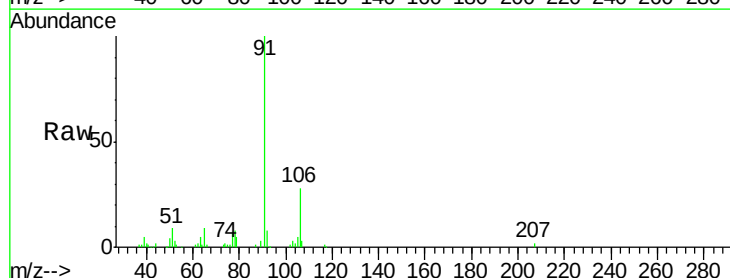


Time--> 10.00 10.10 10.20

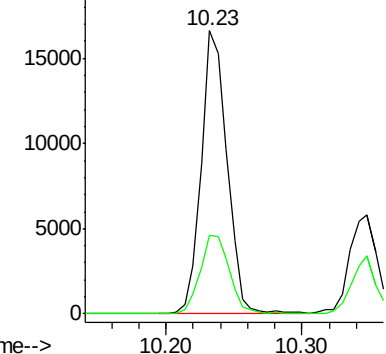


#67
Ethyl Benzene
Concen: 1.622 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016890.D
Acq: 19 Jun 2020 19:16

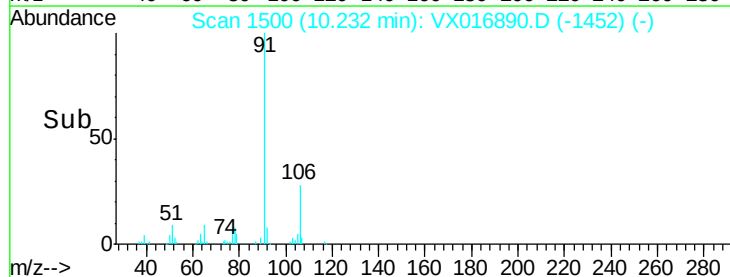
Tgt Ion: 91 Resp: 21963
Ion Ratio Lower Upper
91 100
106 27.8 25.1 37.7

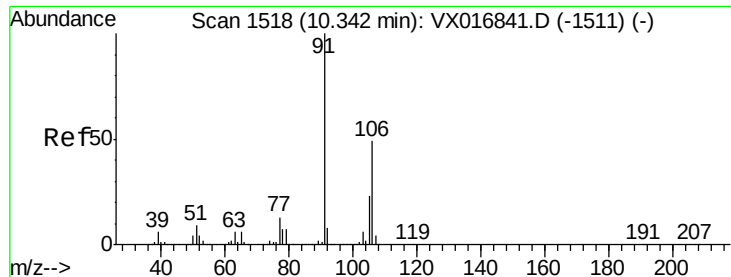


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V



Time--> 10.20 10.30





#68

m/p-Xvlenes

Concen: 0.787 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

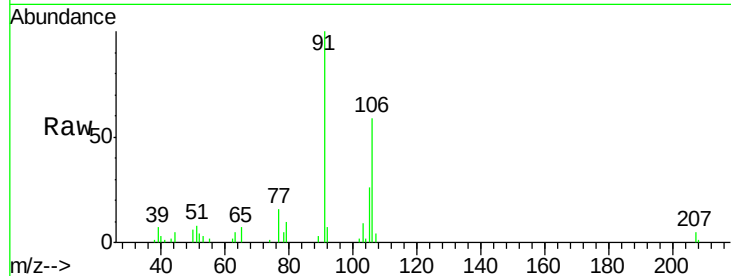
TB-03_061720

Tot Ion:106 Resp: 4146

Ion Ratio Lower Upper

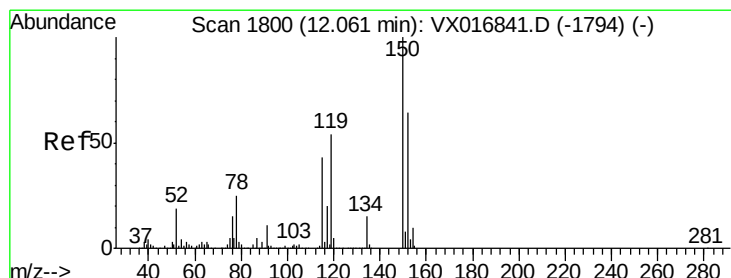
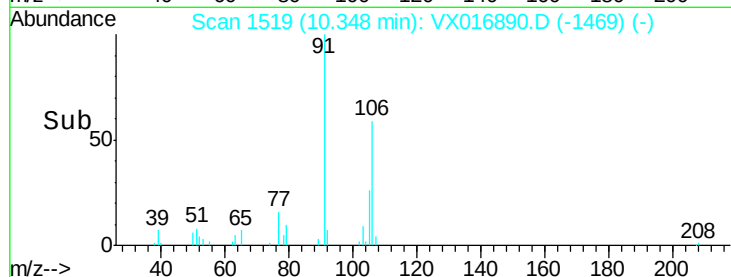
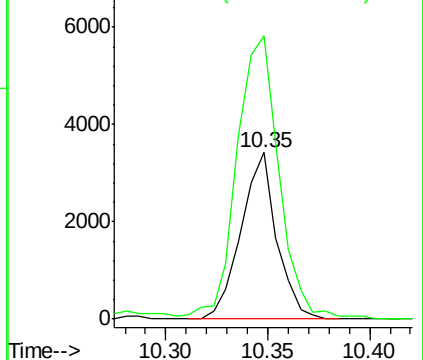
106 100

91 202.9 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

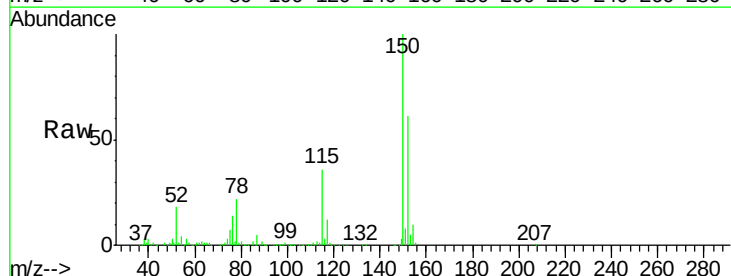
Tgt Ion:152 Resp: 222010

Ion Ratio Lower Upper

152 100

115 57.6 40.9 122.8

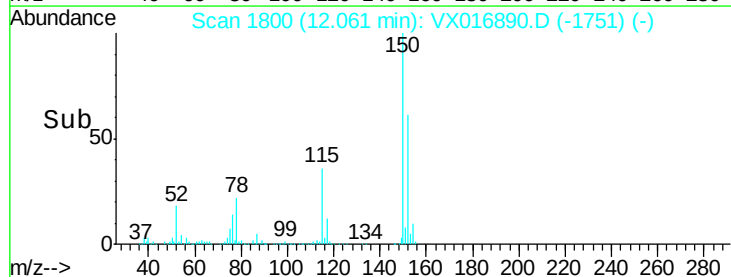
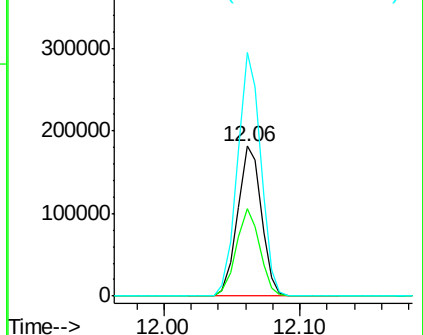
150 158.5 0.0 344.2

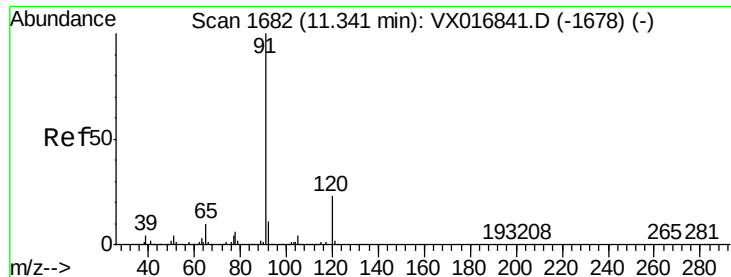


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.694 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

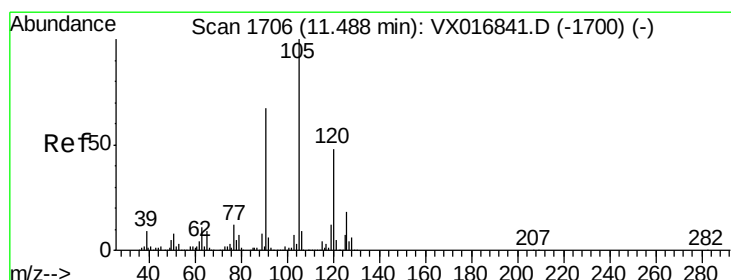
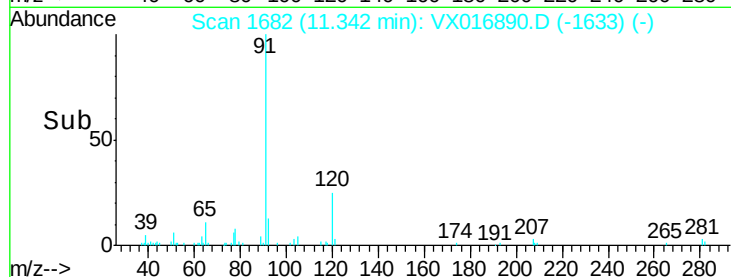
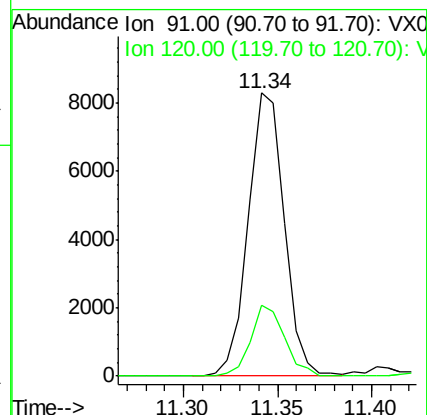
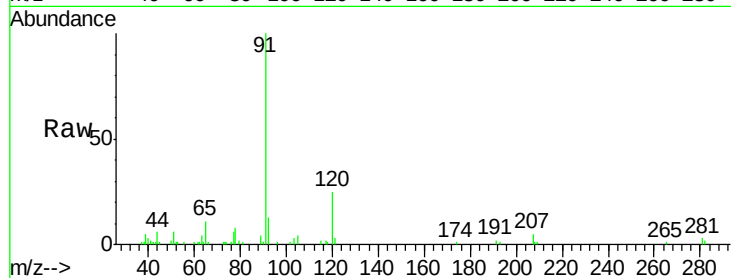
TB-03_061720

Tot Ion: 91 Resp: 11070

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 0.547 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016890.D

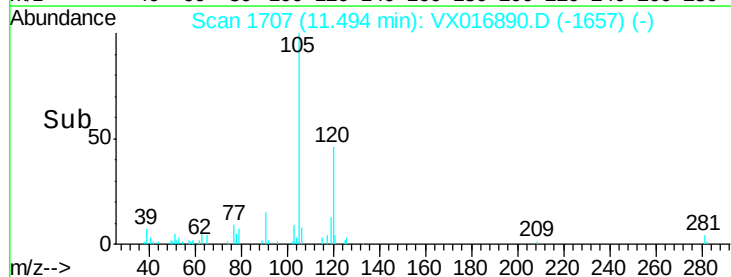
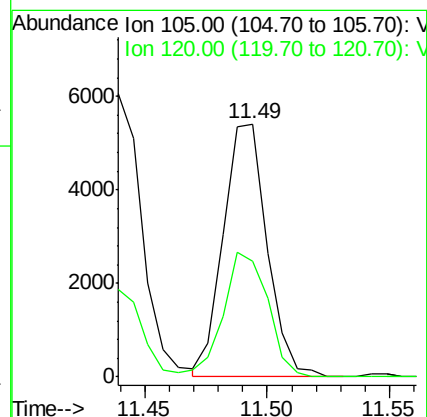
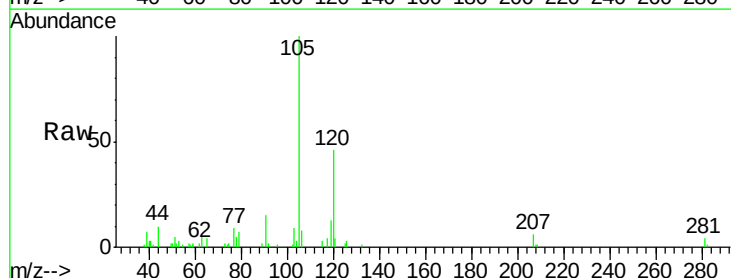
Acq: 19 Jun 2020 19:16

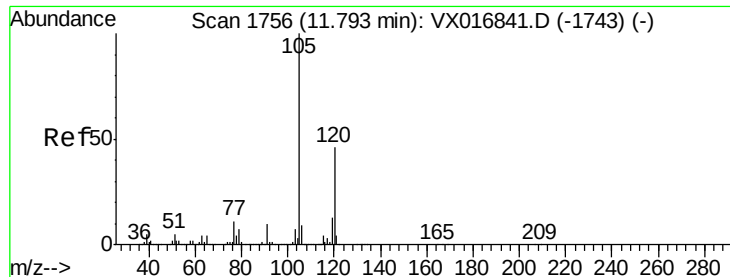
Tgt Ion: 105 Resp: 6749

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 2.094 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

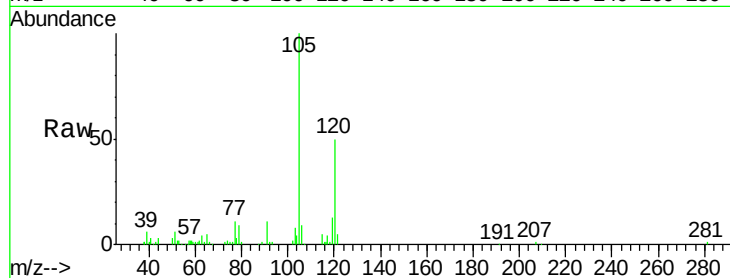
TB-03_061720

Tot Ion:105 Resp: 26604

Ion Ratio Lower Upper

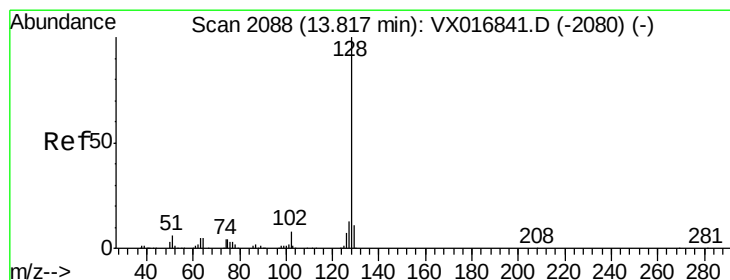
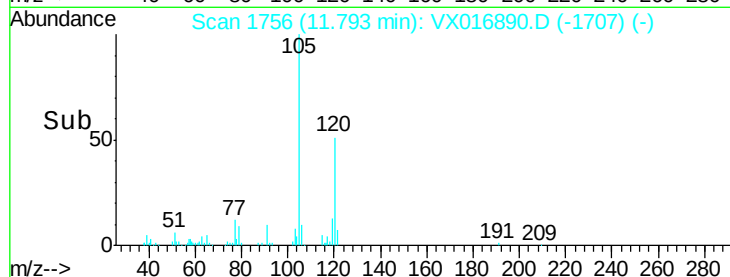
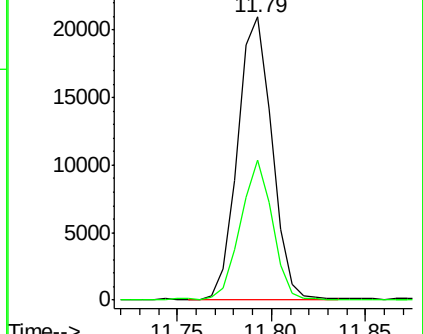
105 100

120 46.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 2.761 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016890.D

Acq: 19 Jun 2020 19:16

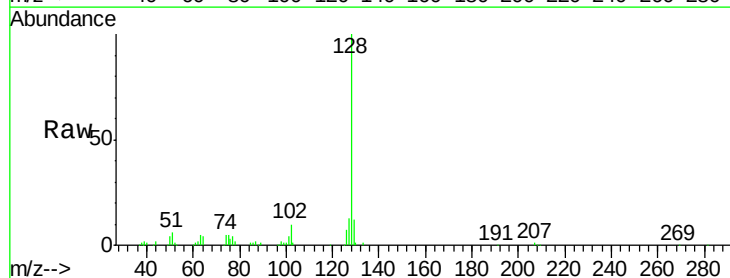
Tgt Ion:128 Resp: 37422

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

