

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001404.D
 Acq On : 27 Jan 2020 14:38
 Operator : SY/MD
 Sample : L1007-01
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-012320-A

Quant Time: Jan 27 16:22:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

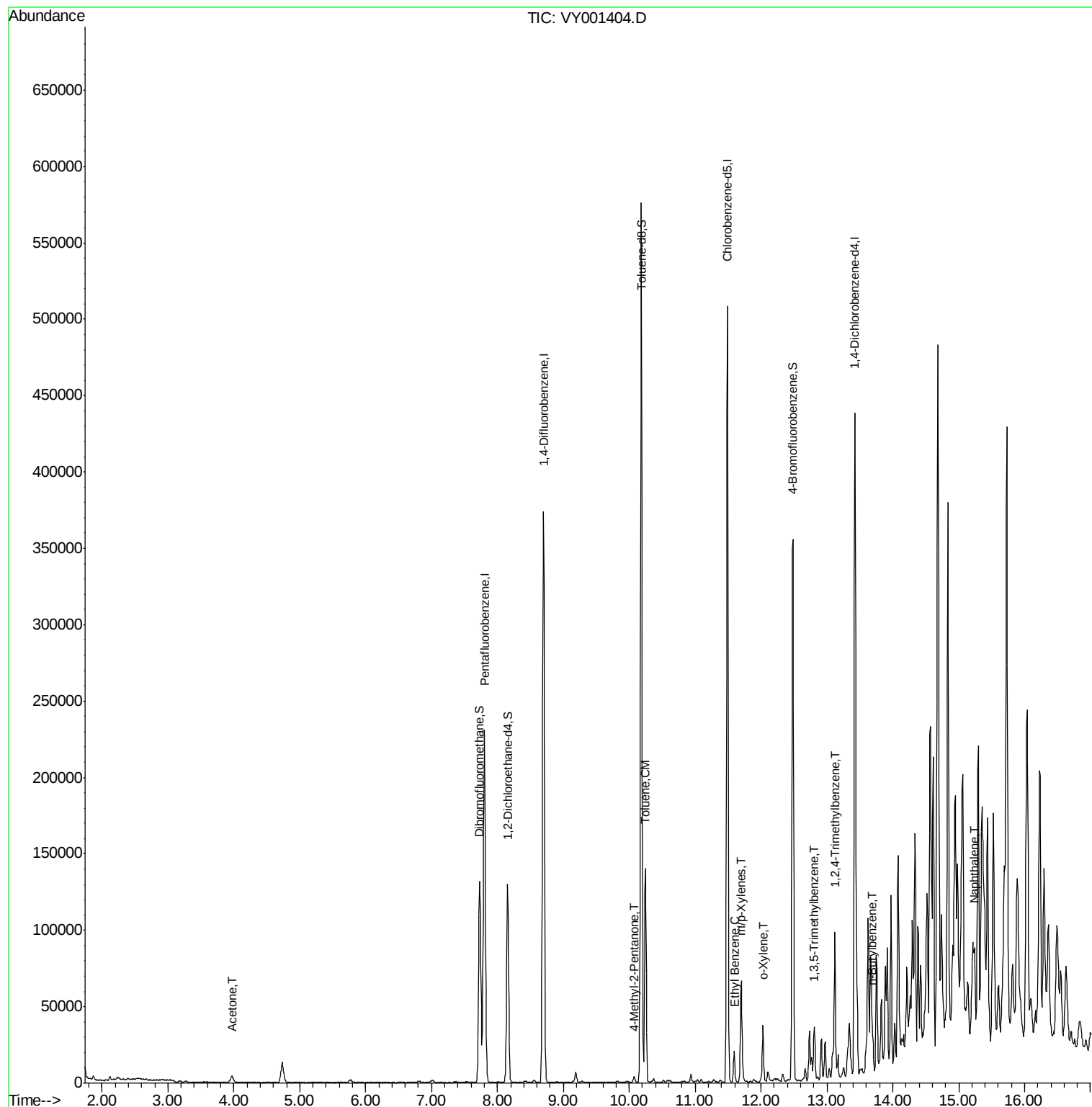
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	176414	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	317269	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	268887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	108031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	96146	50.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	7.73	113	93562	50.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.18	98	369942	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.48	95	120727	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	8086	8.673	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	2888	1.575	ug/l	98
52) Toluene	10.25	92	57926	10.167	ug/l	100
67) Ethyl Benzene	11.59	91	13764	1.318	ug/l	98
68) m/p-Xylenes	11.70	106	19496	4.998	ug/l	98
69) o-Xylene	12.03	106	9886	2.634	ug/l	91
80) 1,3,5-Trimethylbenzene	12.81	105	10412	1.463	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	48426	6.779	ug/l	97
89) n-Butylbenzene	13.70	91	11617	1.537	ug/l #	75
95) Naphthalene	15.24	128	25234	4.903	ug/l #	90

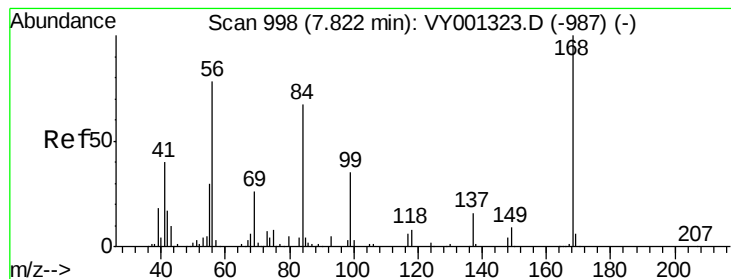
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001404.D

Acq: 27 Jan 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

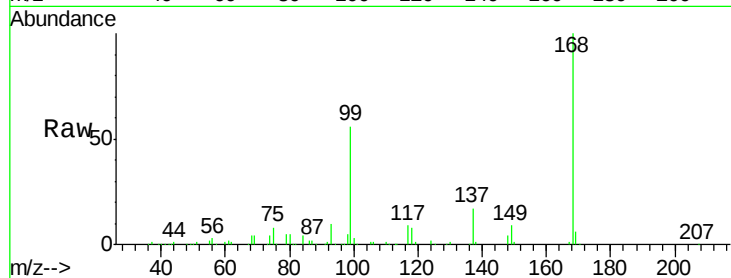
JC-03-012320-A

Tot Ion:168 Resp: 176414

Ion Ratio Lower Upper

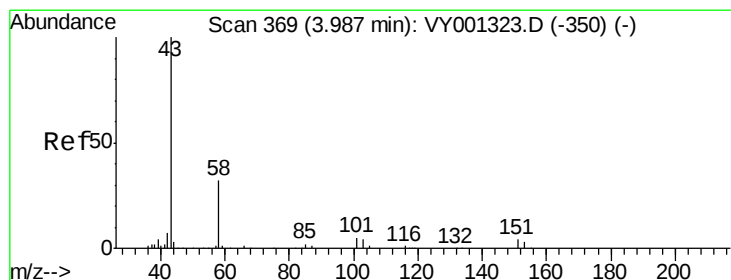
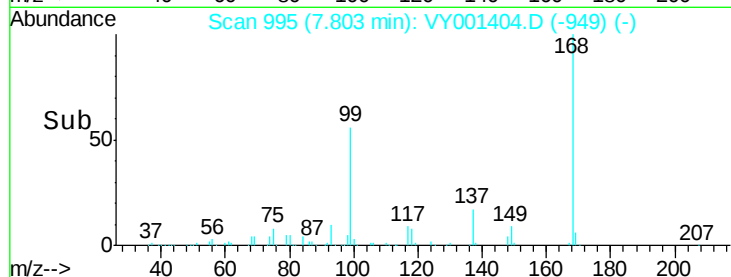
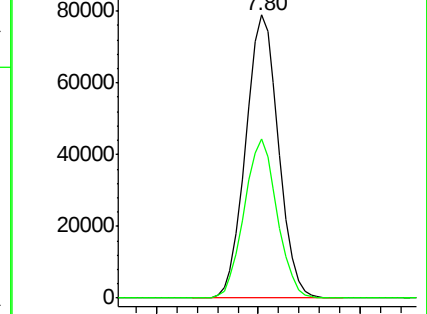
168 100

99 56.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#16

Acetone

Concen: 8.673 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001404.D

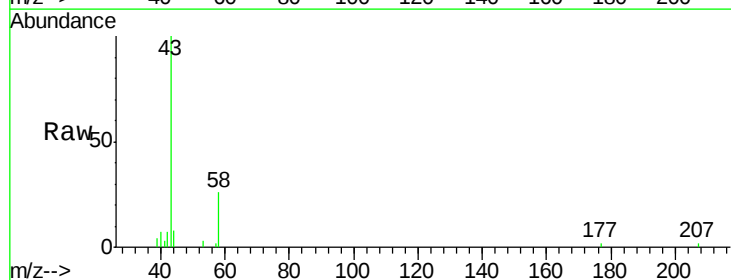
Acq: 27 Jan 2020 14:38

Tgt Ion: 43 Resp: 8086

Ion Ratio Lower Upper

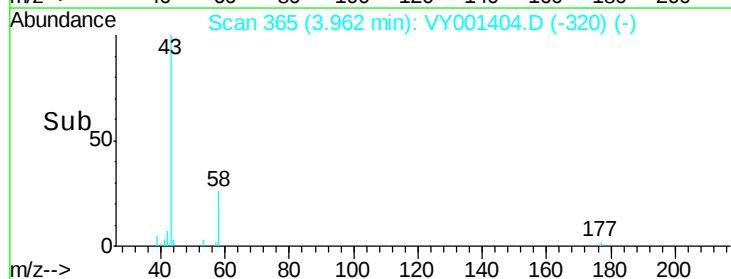
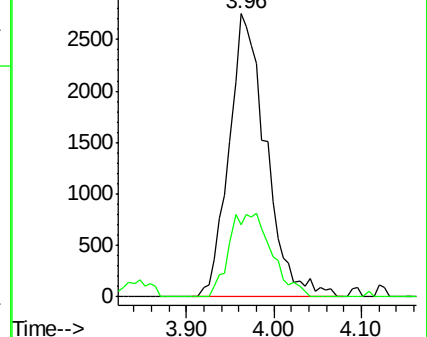
43 100

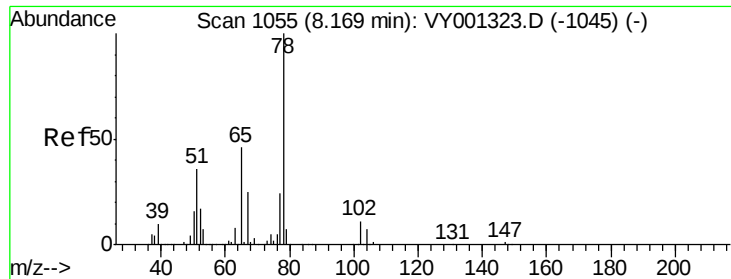
58 25.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.086 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001404.D

Acq: 27 Jan 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

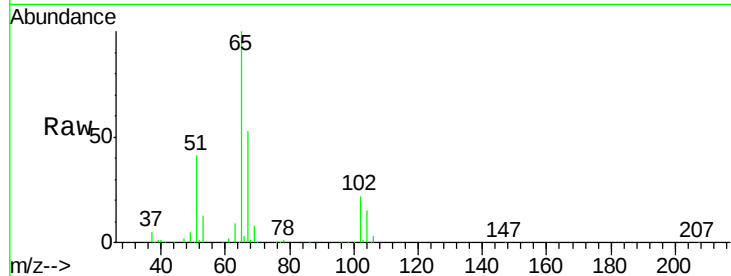
JC-03-012320-A

Tot Ion: 65 Resp: 96146

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.6

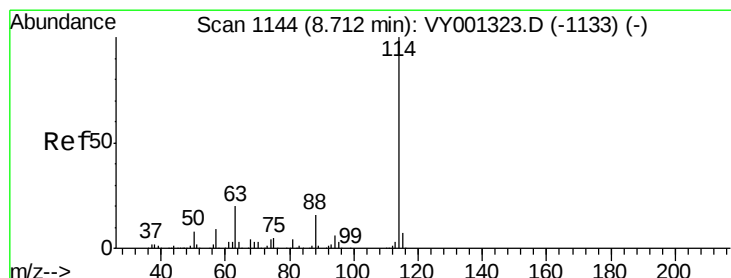
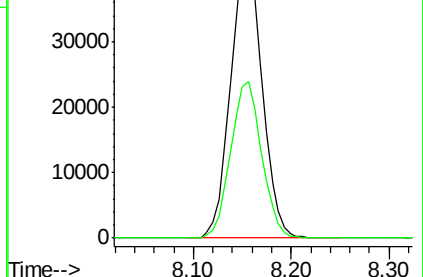
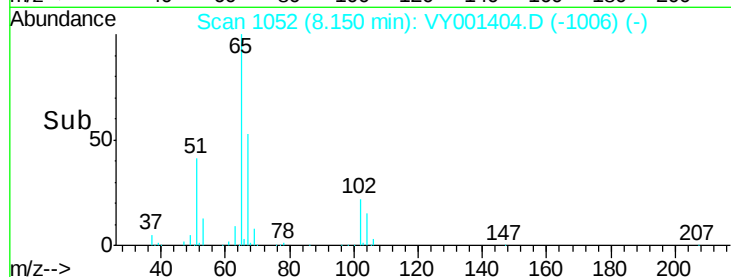


Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)

8.15

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001404.D

Acq: 27 Jan 2020 14:38

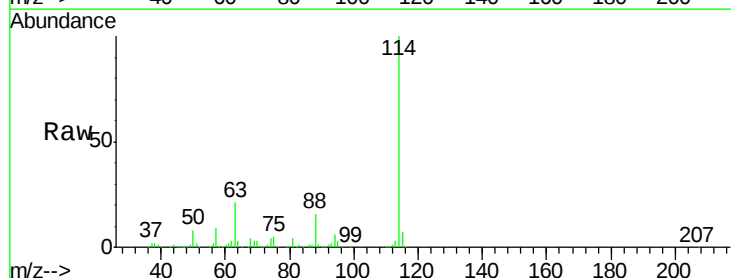
Tgt Ion: 114 Resp: 317269

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.2 0.0 31.0



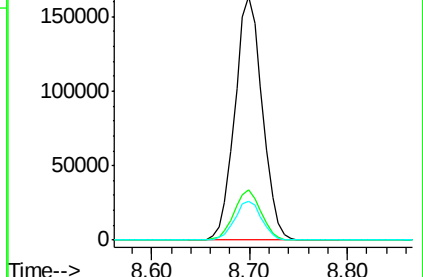
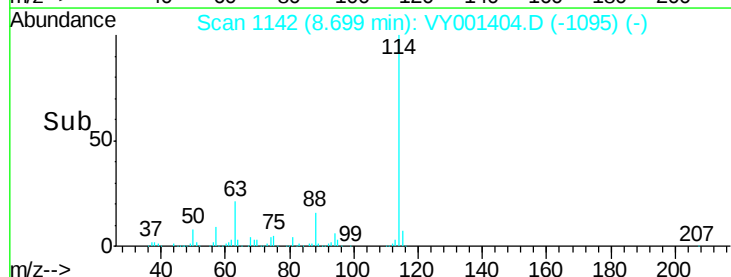
Abundance Ion 113.90 (113.60 to 114.60): VY001323.D (-1133) (-)

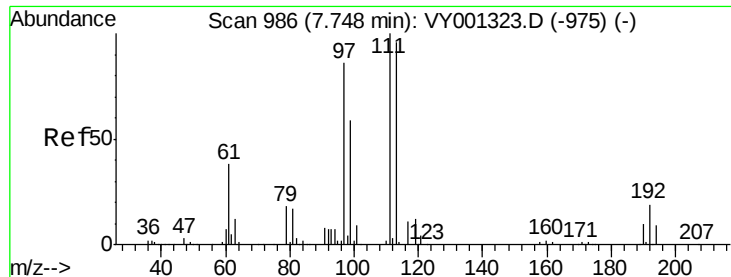
Ion 63.00 (62.70 to 63.70): VY001323.D (-1133) (-)

Ion 87.90 (87.60 to 88.60): VY001323.D (-1133) (-)

8.70

Time-->

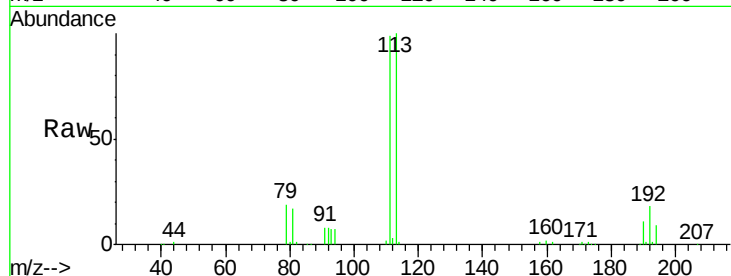




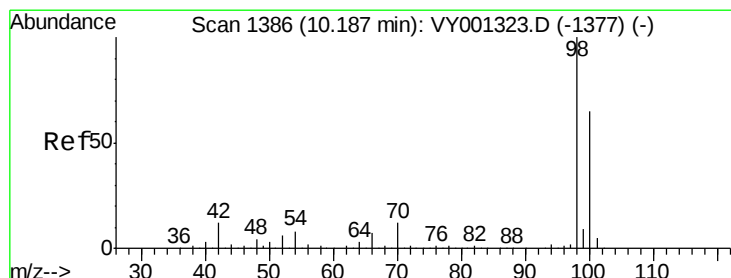
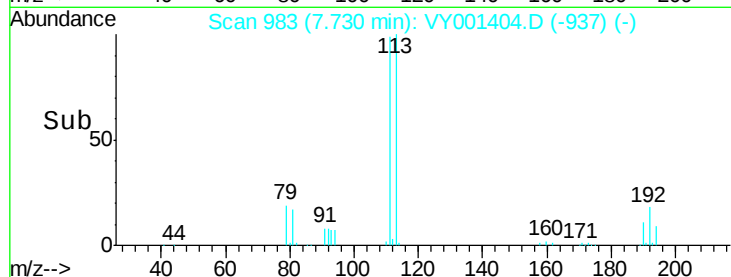
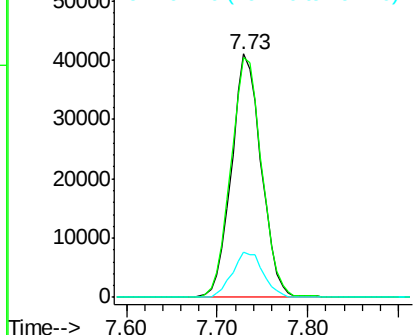
#35
 Dibromofluoromethane
 Concen: 50.246 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001404.D
 Acq: 27 Jan 2020 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-012320-A

Tot Ion:113 Resp: 93562
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 19.2 15.5 23.3

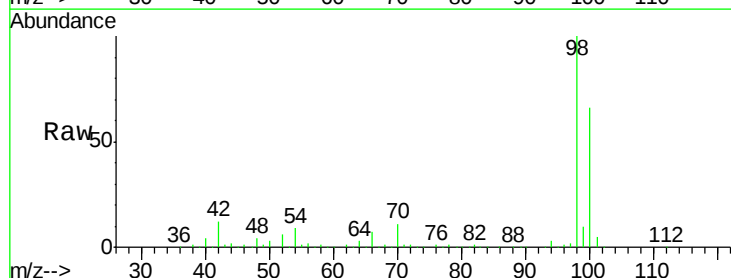


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

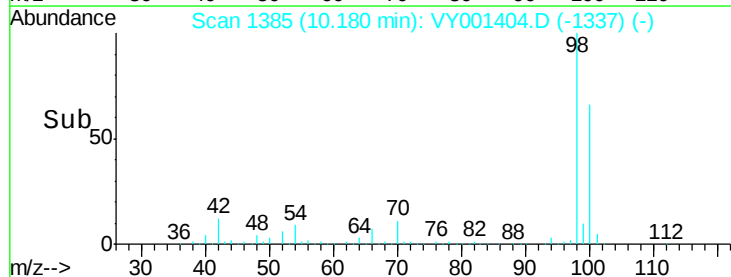
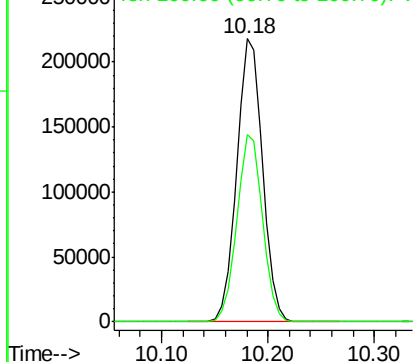


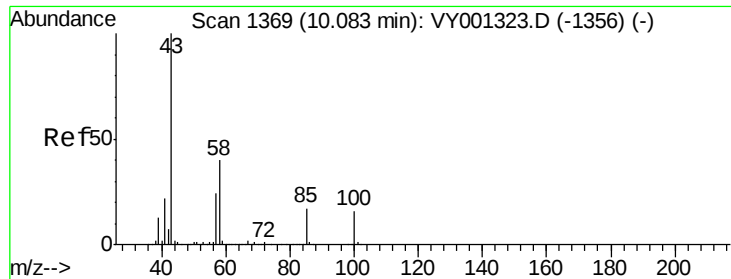
#50
 Toluene-d8
 Concen: 51.135 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001404.D
 Acq: 27 Jan 2020 14:38

Tgt Ion: 98 Resp: 369942
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.575 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001404.D

Acq: 27 Jan 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

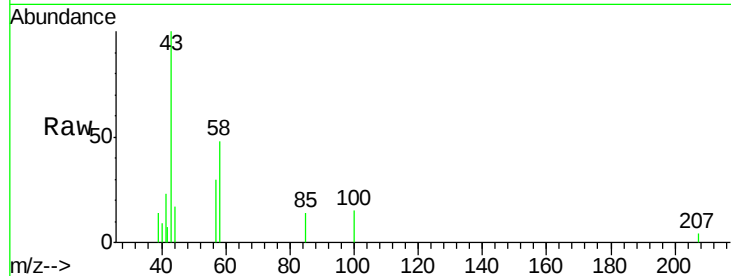
JC-03-012320-A

Tot Ion: 43 Resp: 2888

Ion Ratio Lower Upper

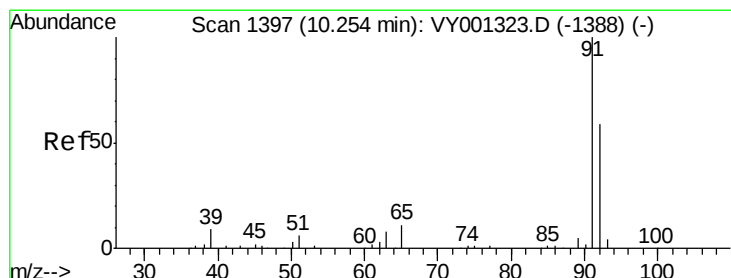
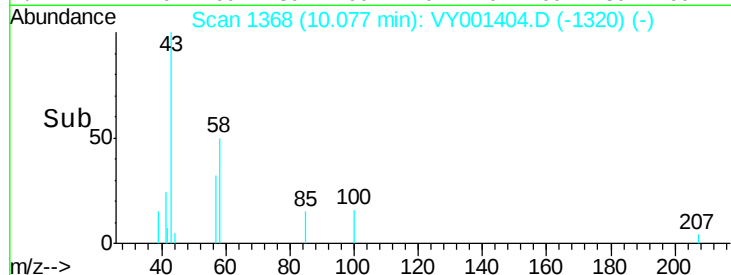
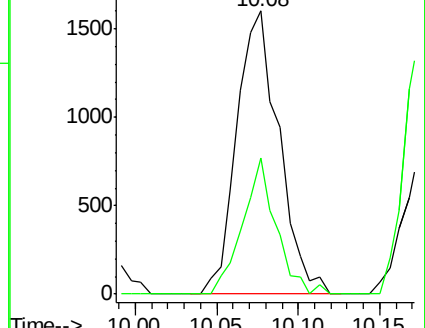
43 100

58 38.1 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1356) (-)



#52

Toluene

Concen: 10.167 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001404.D

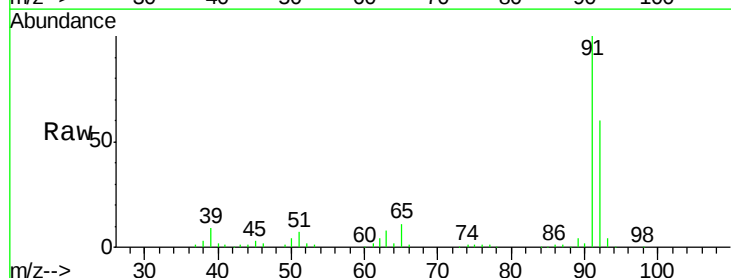
Acq: 27 Jan 2020 14:38

Tgt Ion: 92 Resp: 57926

Ion Ratio Lower Upper

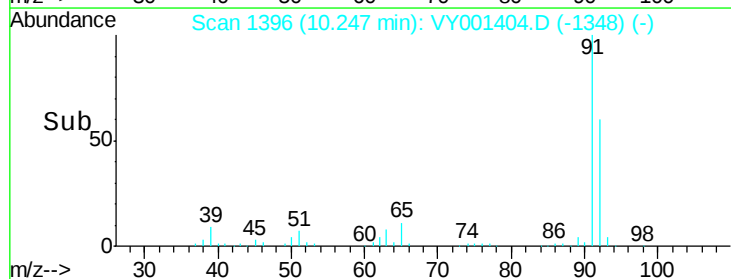
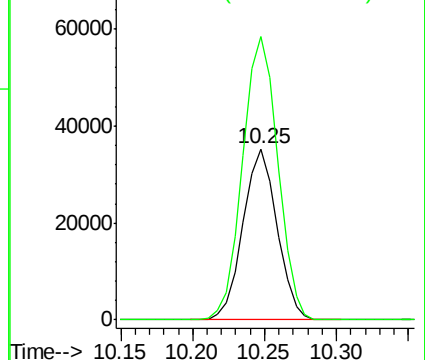
92 100

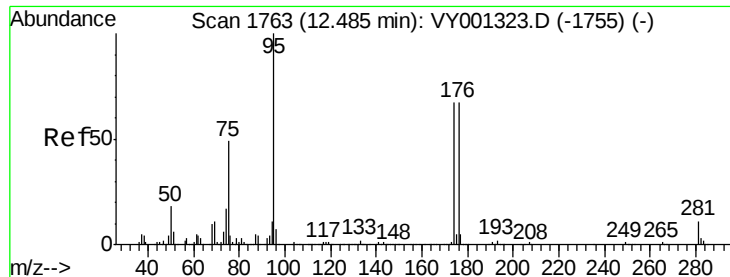
91 171.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY001323.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY001323.D (-1388) (-)

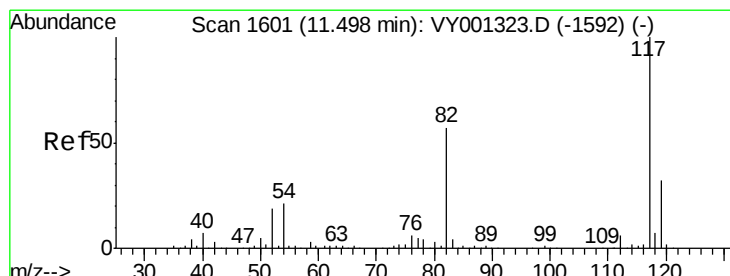
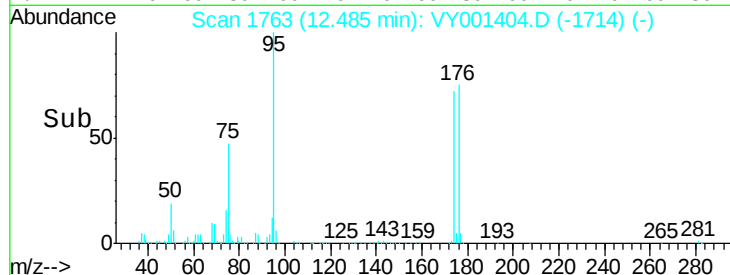
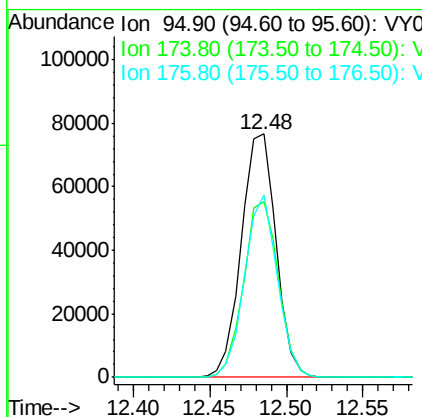
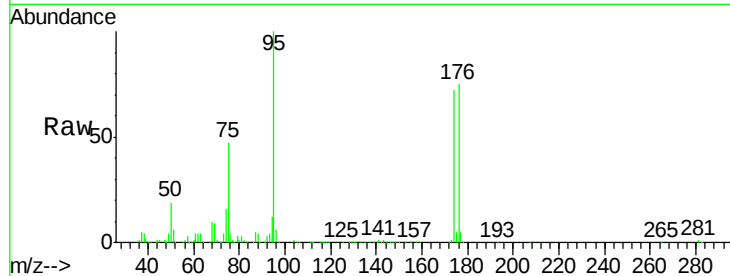




#62
4-Bromofluorobenzene
Concen: 41.904 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

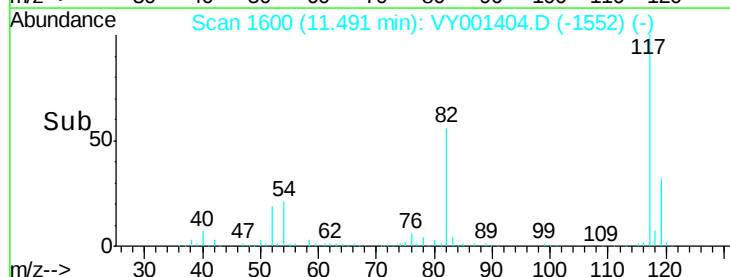
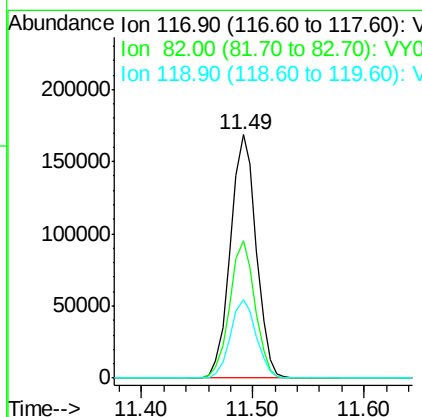
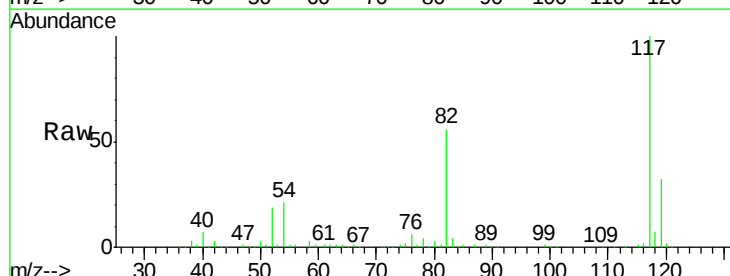
Instrument :
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ClientSampleId :
JC-03-012320-A

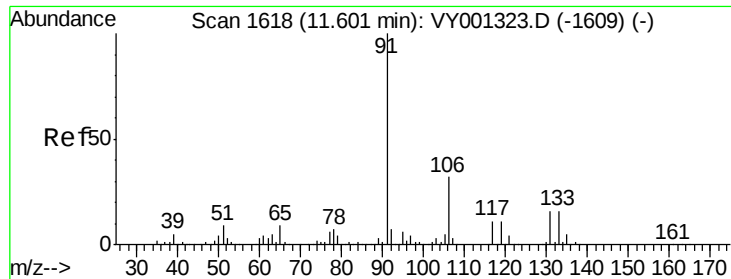
Tot Ion: 95 Resp: 120727
Ion Ratio Lower Upper
95 100
174 72.4 0.0 142.0
176 71.1 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 117 Resp: 268887
Ion Ratio Lower Upper
117 100
82 56.2 45.5 68.3
119 32.2 25.8 38.6





#67

Ethyl Benzene

Concen: 1.318 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001404.D

Acq: 27 Jan 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

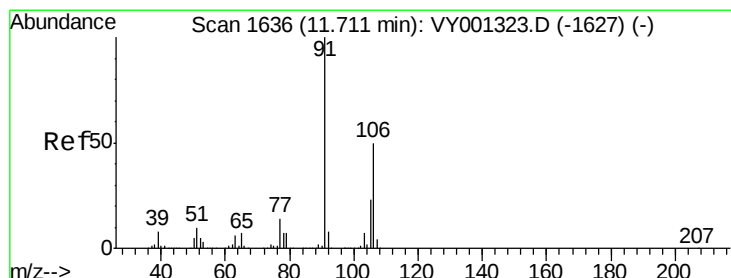
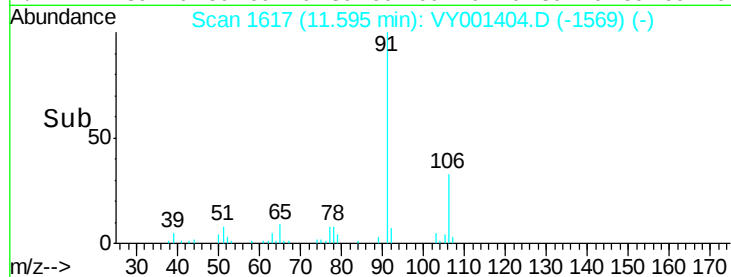
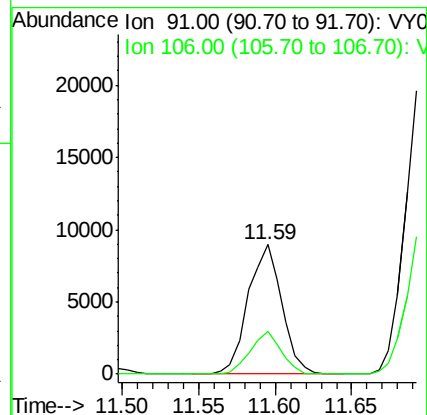
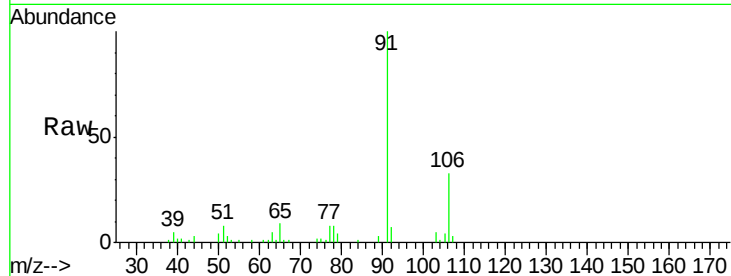
JC-03-012320-A

Tot Ion: 91 Resp: 13764

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.0



#68

m/p-Xylenes

Concen: 4.998 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY001404.D

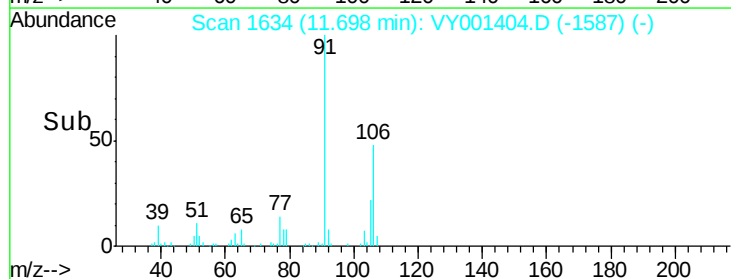
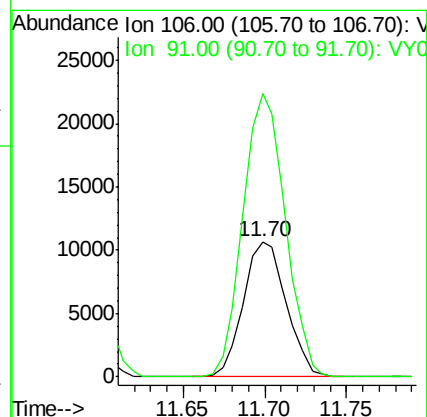
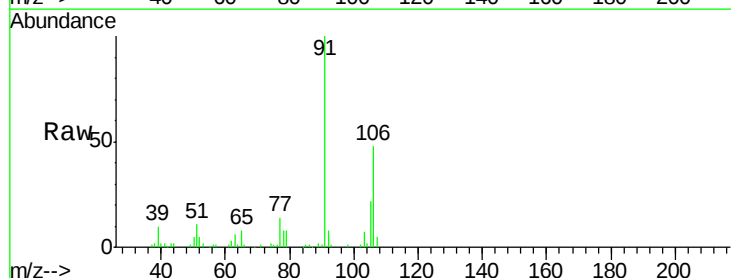
Acq: 27 Jan 2020 14:38

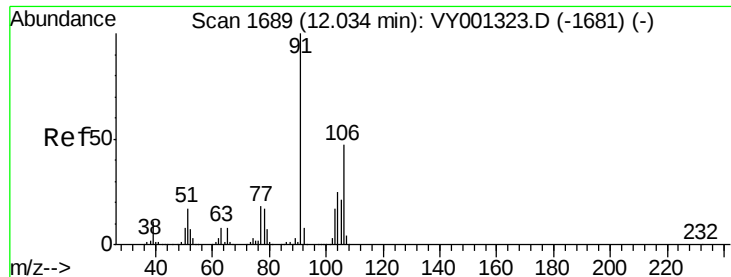
Tgt Ion: 106 Resp: 19496

Ion Ratio Lower Upper

106 100

91 207.2 162.8 244.2

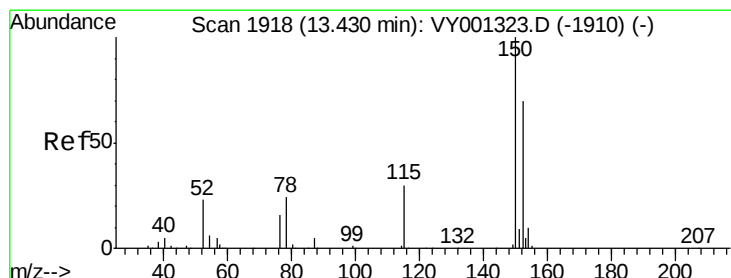
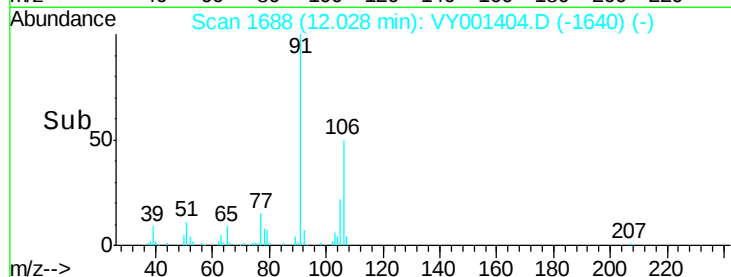
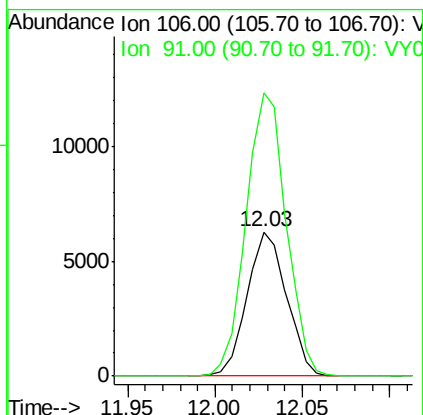
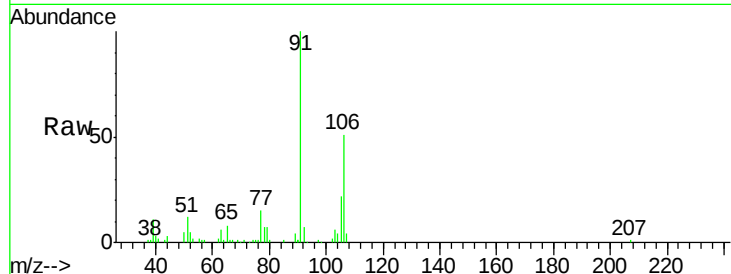




#69
o-Xylene
Concen: 2.634 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

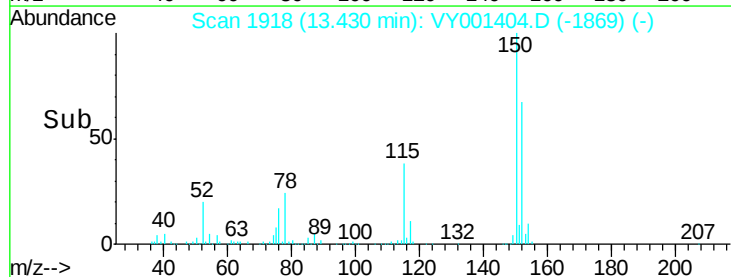
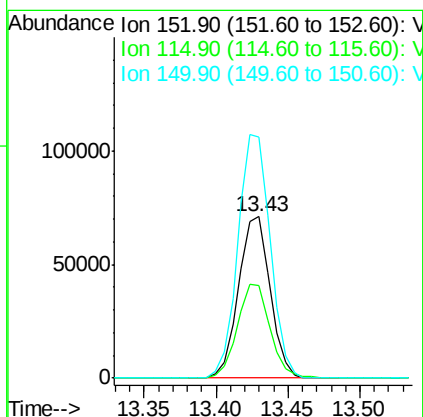
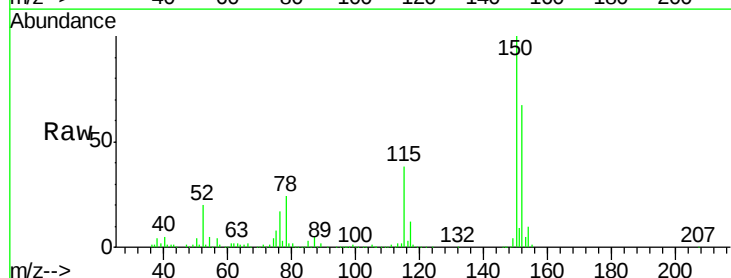
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

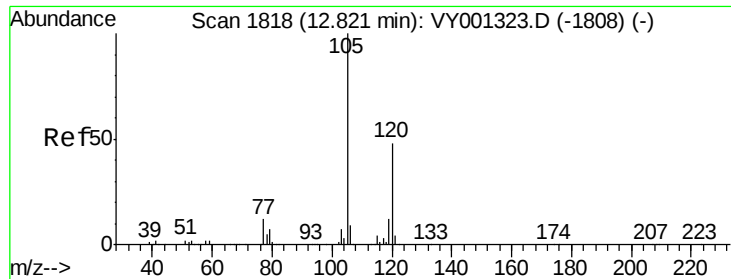
Tot Ion:106 Resp: 9886
Ion Ratio Lower Upper
106 100
91 199.1 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion:152 Resp: 108031
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.8
150 153.8 0.0 349.2

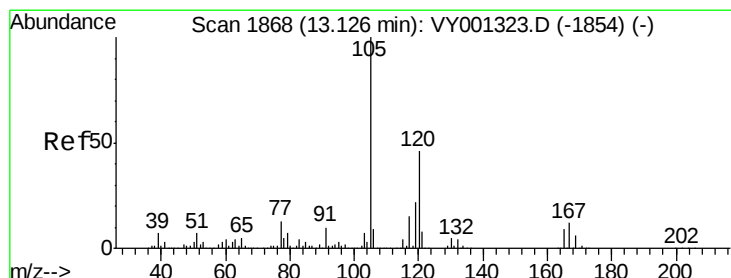
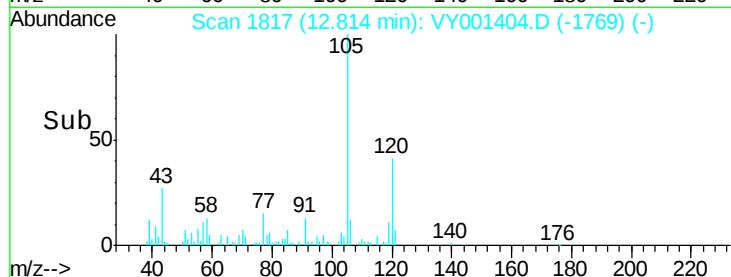
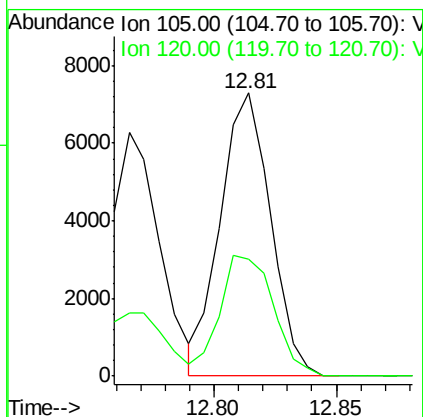
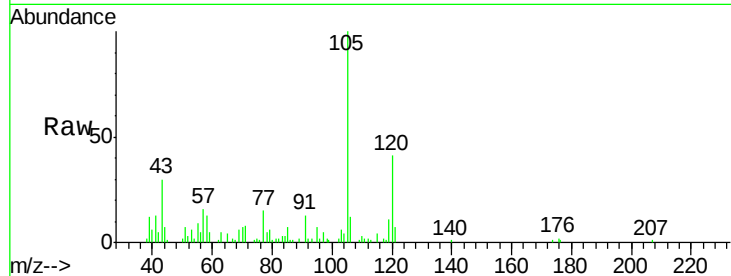




#80
 1,3,5-Trimethylbenzene
 Concen: 1.463 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001404.D
 Acq: 27 Jan 2020 14:38

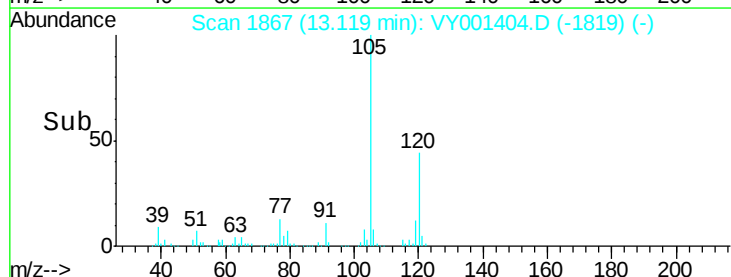
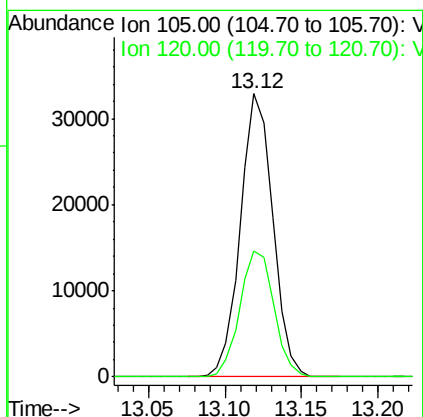
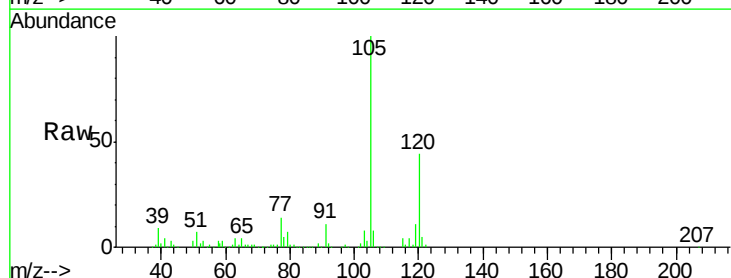
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-012320-A

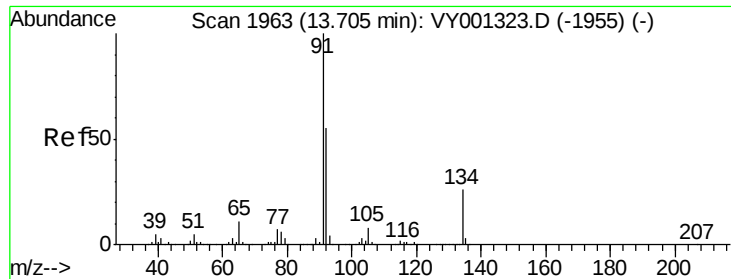
Tot Ion:105 Resp: 10412
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 6.779 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001404.D
 Acq: 27 Jan 2020 14:38

Tgt Ion:105 Resp: 48426
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.4 67.3

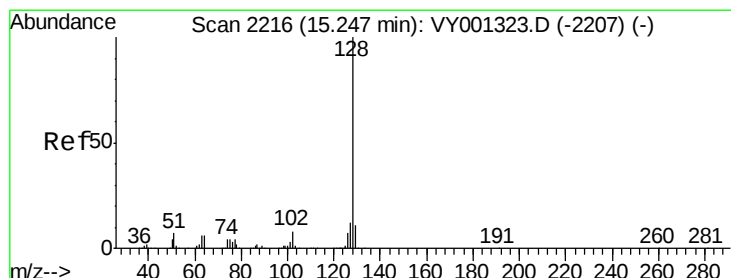
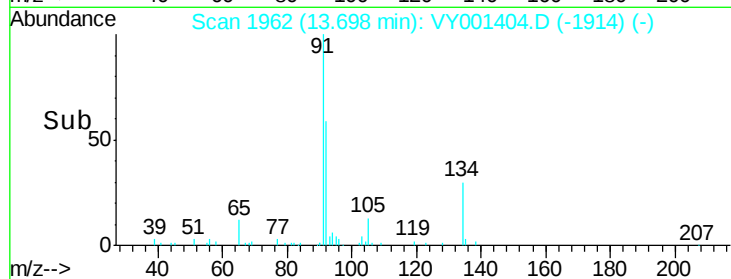
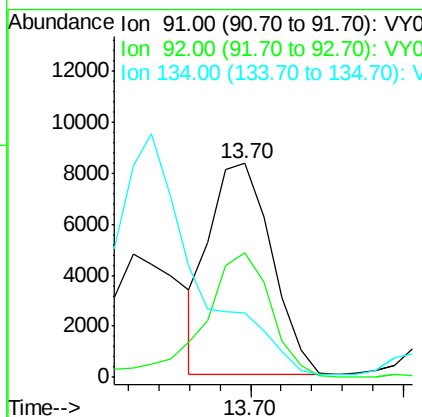
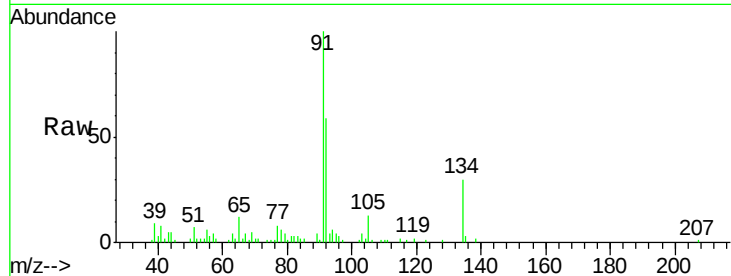




#89
n-Butylbenzene
Concen: 1.537 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-012320-A

Tot Ion: 91 Resp: 11617
Ion Ratio Lower Upper
91 100
92 64.3 27.6 82.8
134 0.0 12.9 38.6#



#95
Naphthalene
Concen: 4.903 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001404.D
Acq: 27 Jan 2020 14:38

Tgt Ion: 128 Resp: 25234
Ion Ratio Lower Upper
128 100
127 16.4 10.2 15.2#
129 15.4 8.7 13.1#

