

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001888.D
 Acq On : 05 Mar 2020 17:34
 Operator : SY/MD
 Sample : L1753-01
 Misc : 7.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-030520

Quant Time: Mar 06 05:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

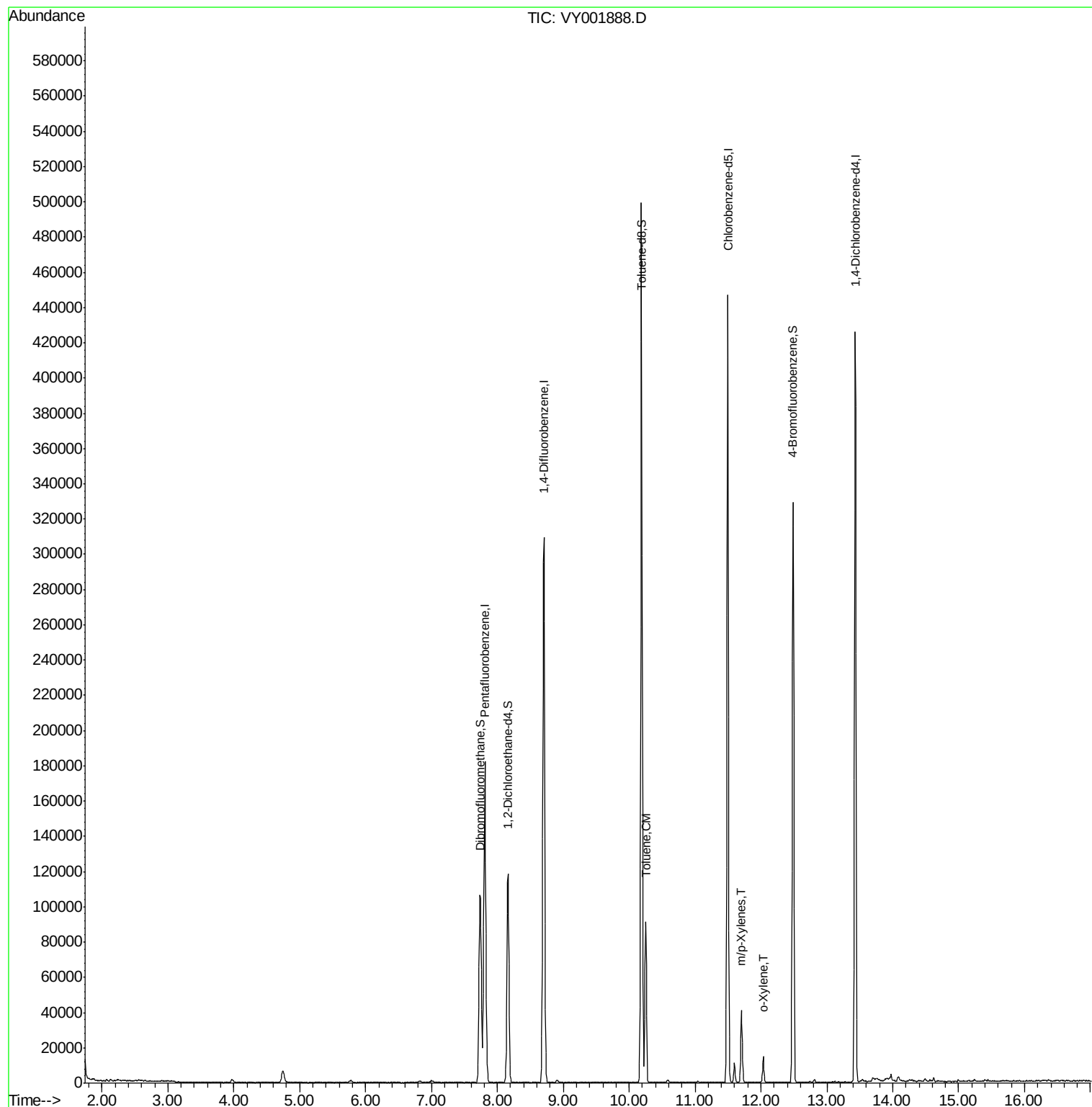
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	135877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	262546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	237769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	102533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86208	59.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.86%	
35) Dibromofluoromethane	7.74	113	75583	52.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.19	98	321423	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.49	95	106972	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
52) Toluene	10.25	92	37168	8.170	ug/l	99
68) m/p-Xylenes	11.70	106	12136	3.715	ug/l	99
69) o-Xylene	12.03	106	3658	1.188	ug/l	99

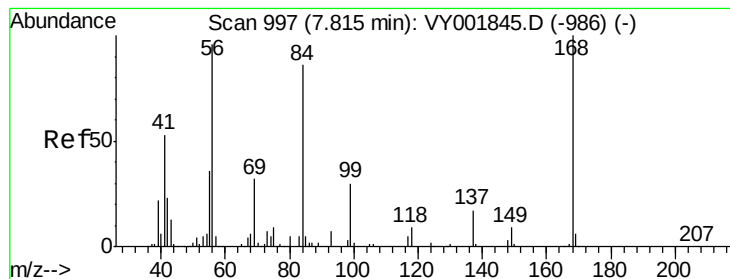
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001888.D

Acq: 05 Mar 2020 17:34

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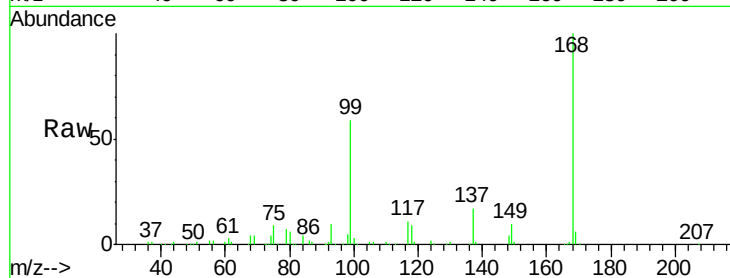
CL-01-030520

Tot Ion:168 Resp: 135877

Ion Ratio Lower Upper

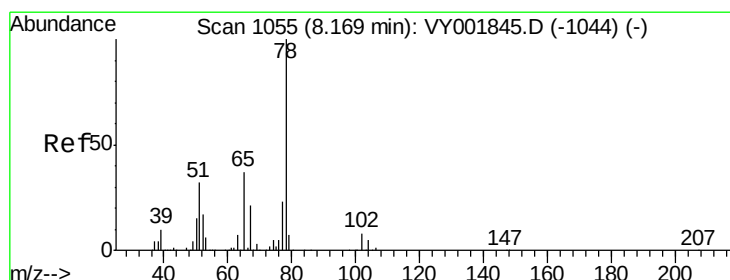
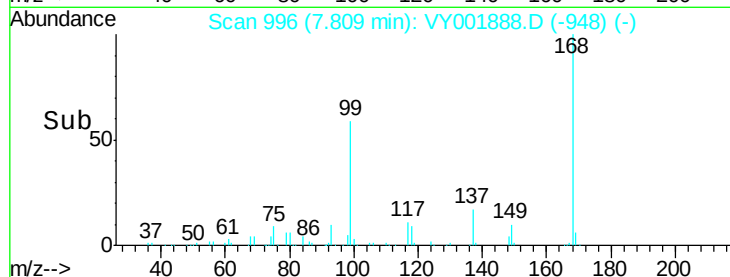
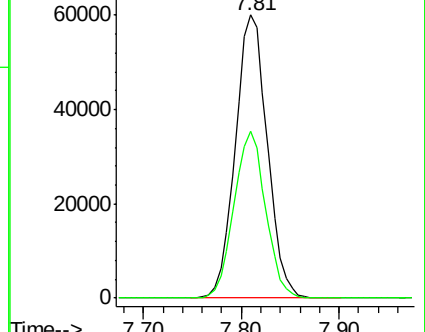
168 100

99 58.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.430 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001888.D

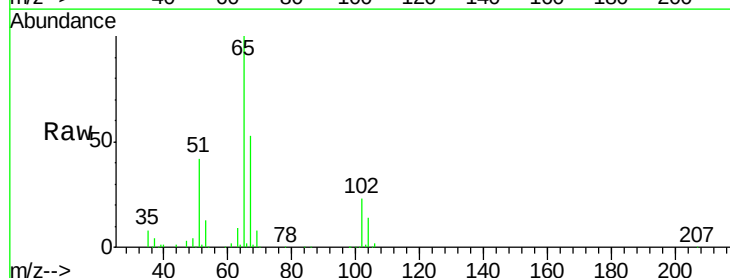
Acq: 05 Mar 2020 17:34

Tgt Ion: 65 Resp: 86208

Ion Ratio Lower Upper

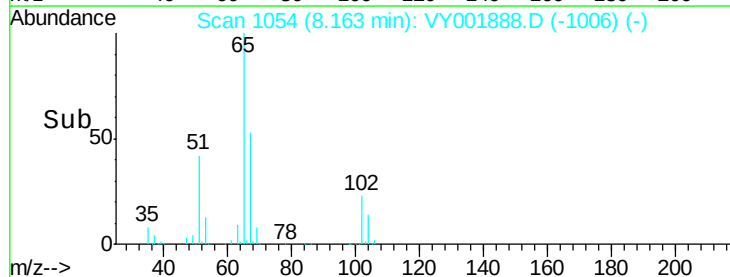
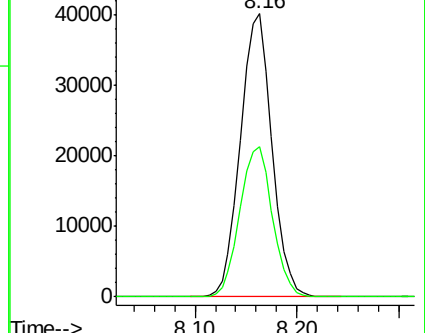
65 100

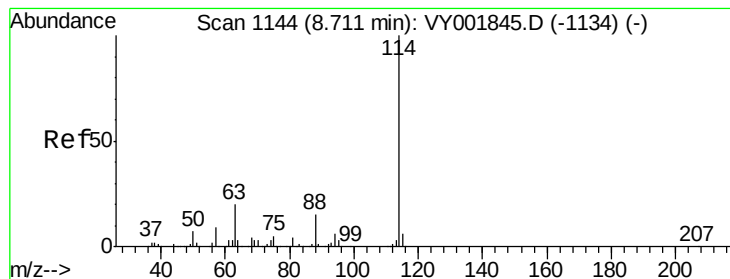
67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001888.D

Acq: 05 Mar 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-030520

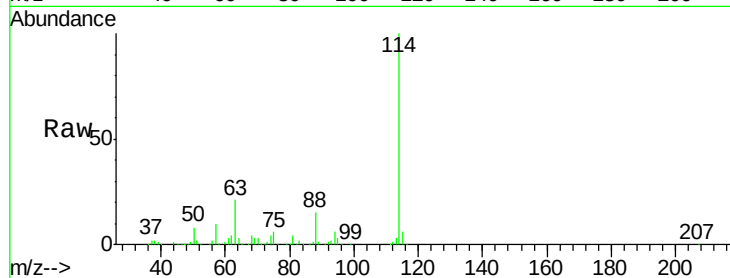
Tot Ion:114 Resp: 262546

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.4

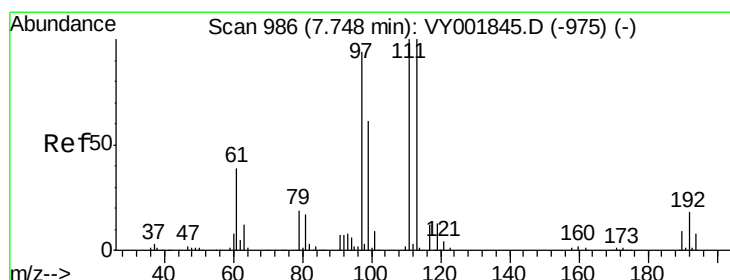
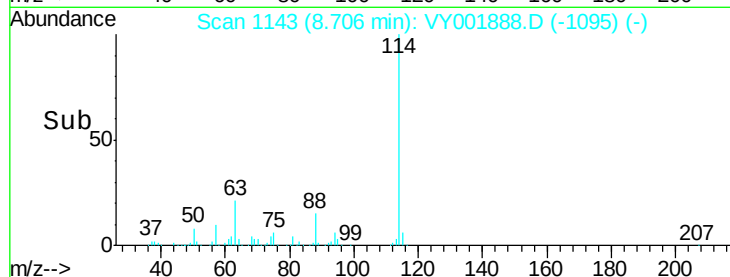
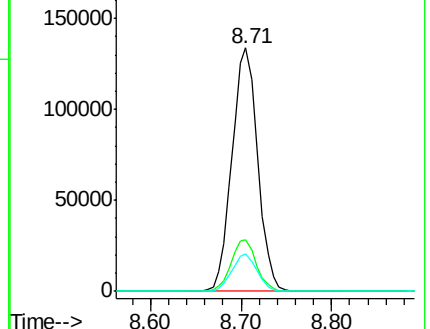
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.722 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001888.D

Acq: 05 Mar 2020 17:34

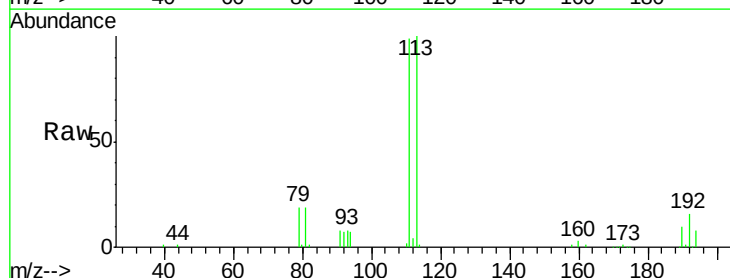
Tgt Ion:113 Resp: 75583

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.8

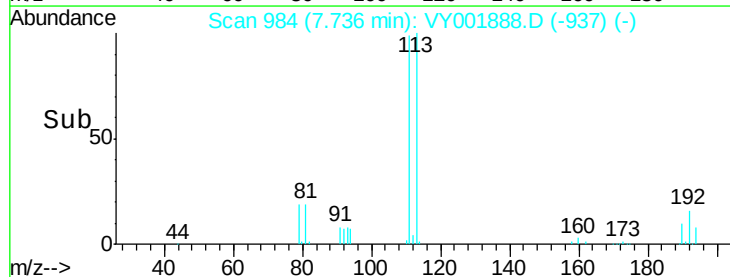
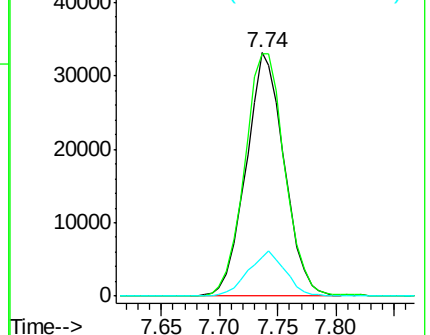
192 18.0 14.2 21.2

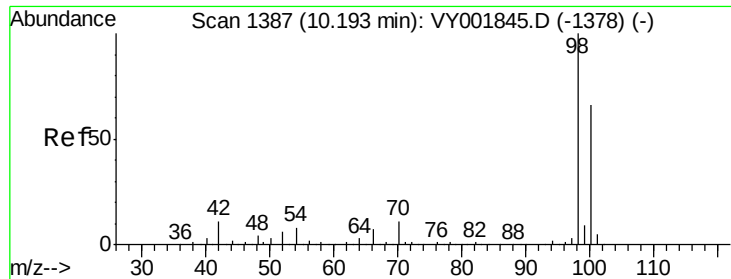


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.169 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001888.D

Acq: 05 Mar 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

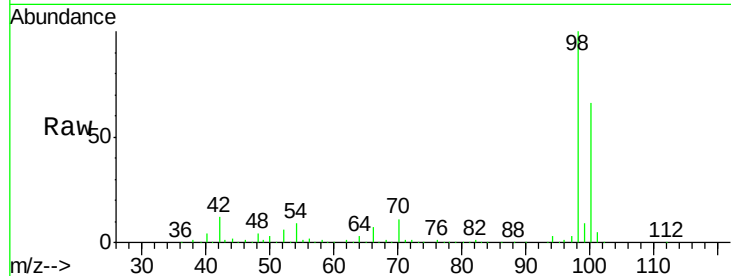
CL-01-030520

Tot Ion: 98 Resp: 321423

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

200000

150000

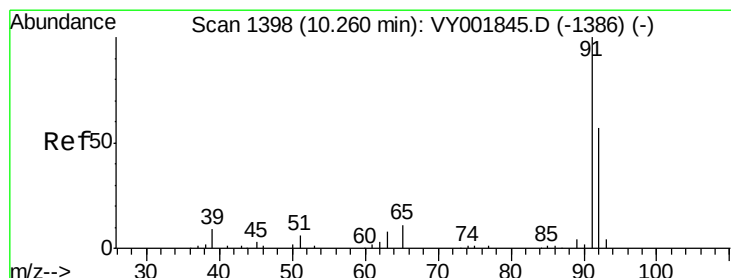
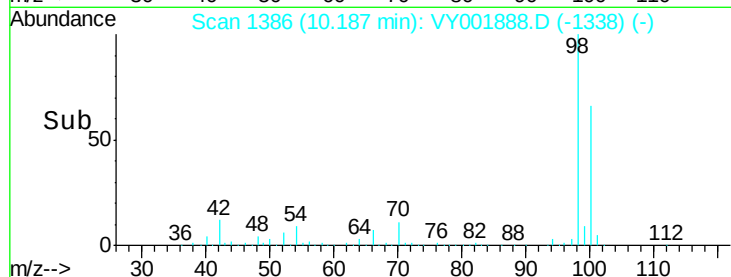
100000

50000

0

Time-->

10.10 10.20 10.30



#52

Toluene

Concen: 8.170 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001888.D

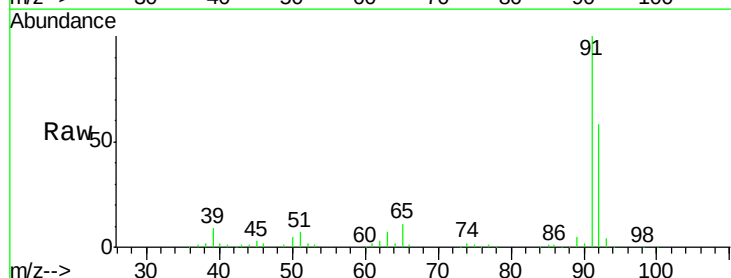
Acq: 05 Mar 2020 17:34

Tgt Ion: 92 Resp: 37168

Ion Ratio Lower Upper

92 100

91 171.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

40000

30000

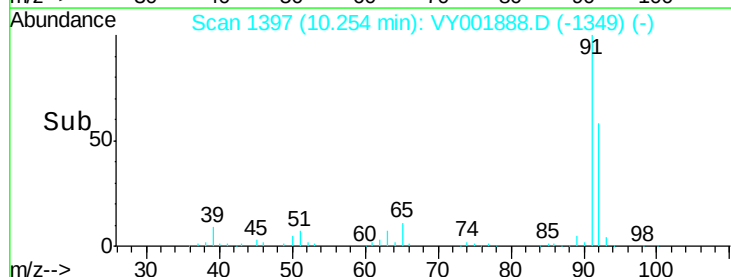
20000

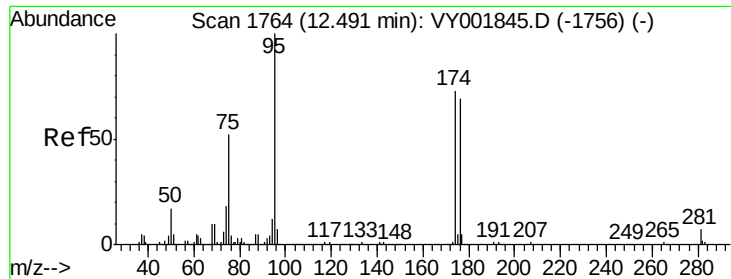
10000

0

Time-->

10.15 10.20 10.25 10.30

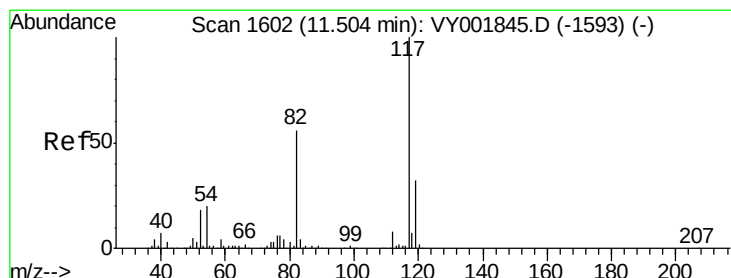
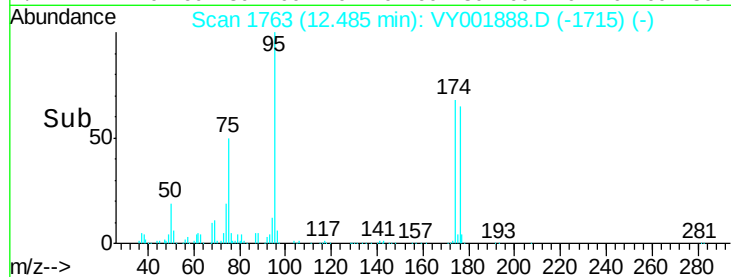
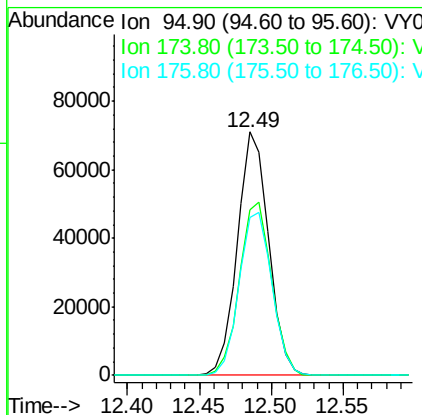
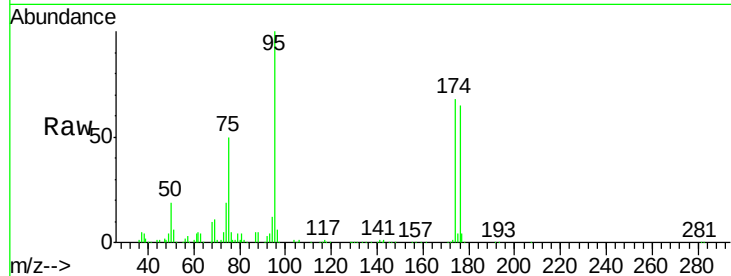




#62
 4-Bromofluorobenzene
 Concen: 50.890 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001888.D
 Acq: 05 Mar 2020 17:34

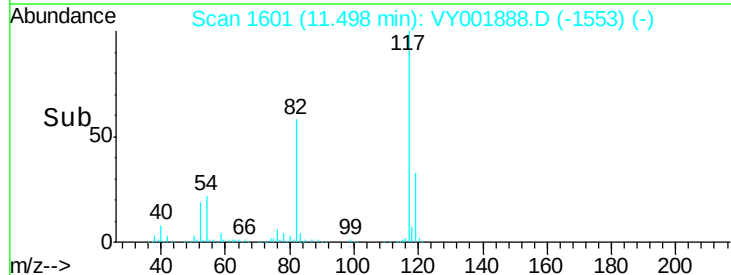
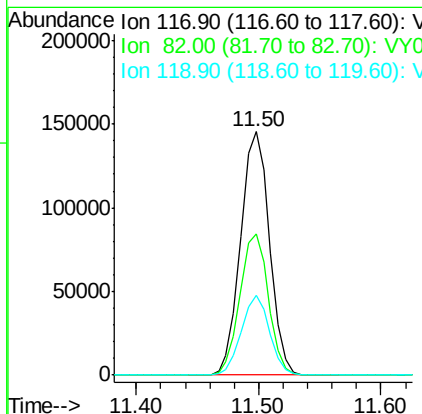
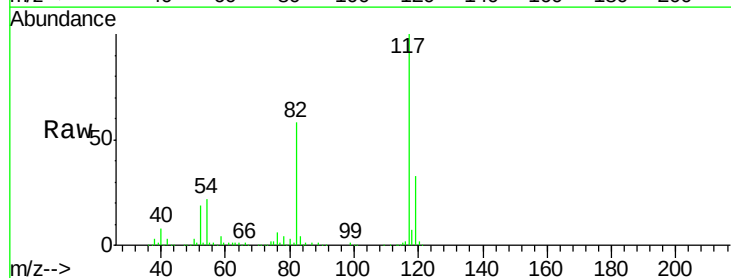
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-030520

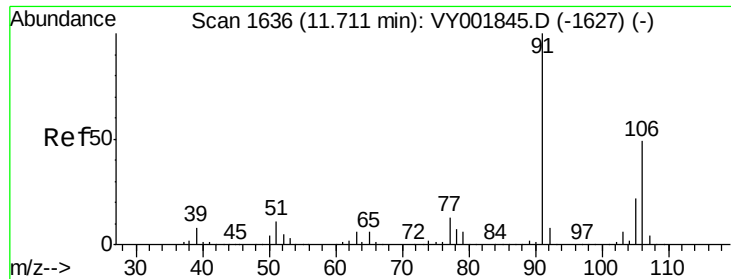
Tot Ion: 95 Resp: 106972
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 145.0
 176 70.0 0.0 137.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: VY001888.D
 Acq: 05 Mar 2020 17:34

Tgt Ion: 117 Resp: 237769
 Ion Ratio Lower Upper
 117 100
 82 58.2 44.5 66.7
 119 32.9 25.7 38.5

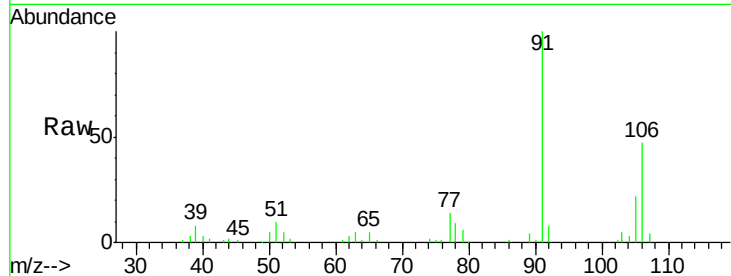




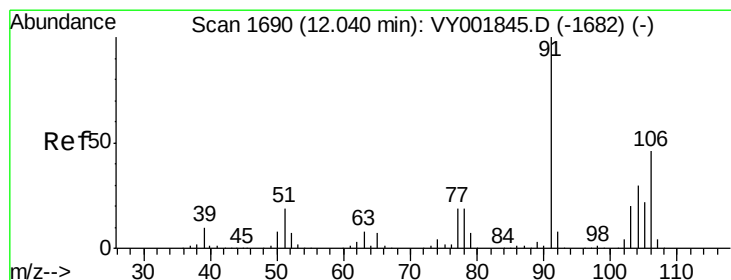
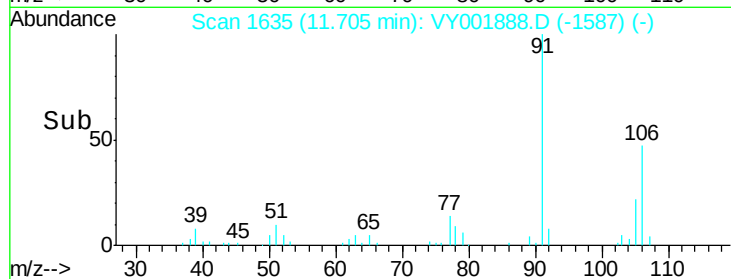
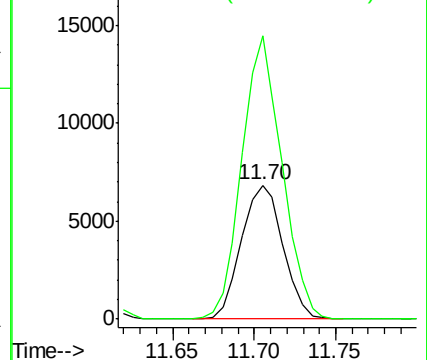
#68
m/p-Xylenes
Concen: 3.715 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001888.D
Acq: 05 Mar 2020 17:34

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-030520

Tot Ion:106 Resp: 12136
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9

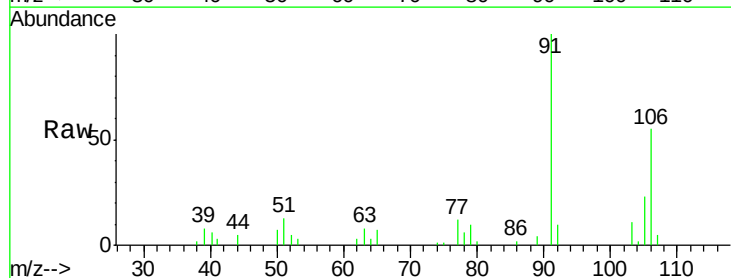


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

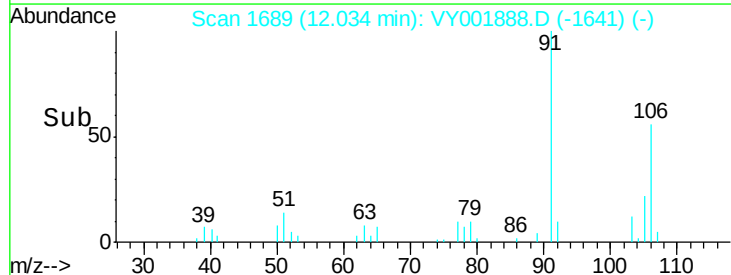
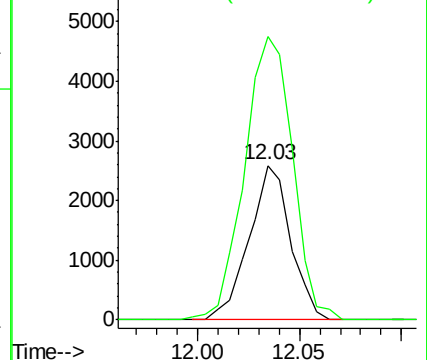


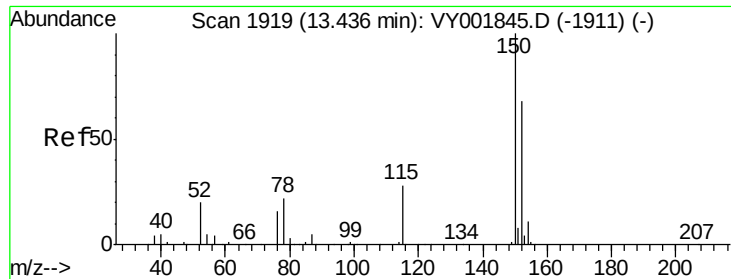
#69
o-Xylene
Concen: 1.188 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001888.D
Acq: 05 Mar 2020 17:34

Tgt Ion:106 Resp: 3658
Ion Ratio Lower Upper
106 100
91 212.0 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001888.D

Acq: 05 Mar 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-030520

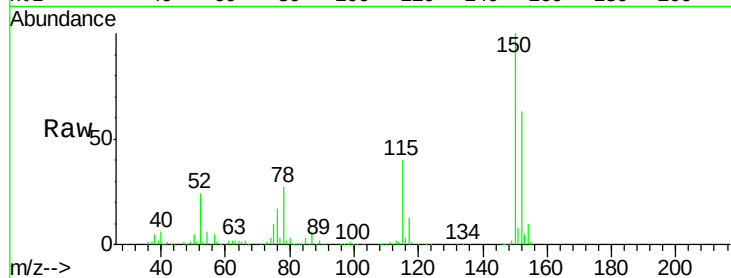
Tot Ion:152 Resp: 102533

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

150 156.8 0.0 340.6



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

