

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001701.D
 Acq On : 19 Feb 2020 16:08
 Operator : SY/MD
 Sample : L1595-02
 Misc : 7.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3A

Quant Time: Feb 20 06:07:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

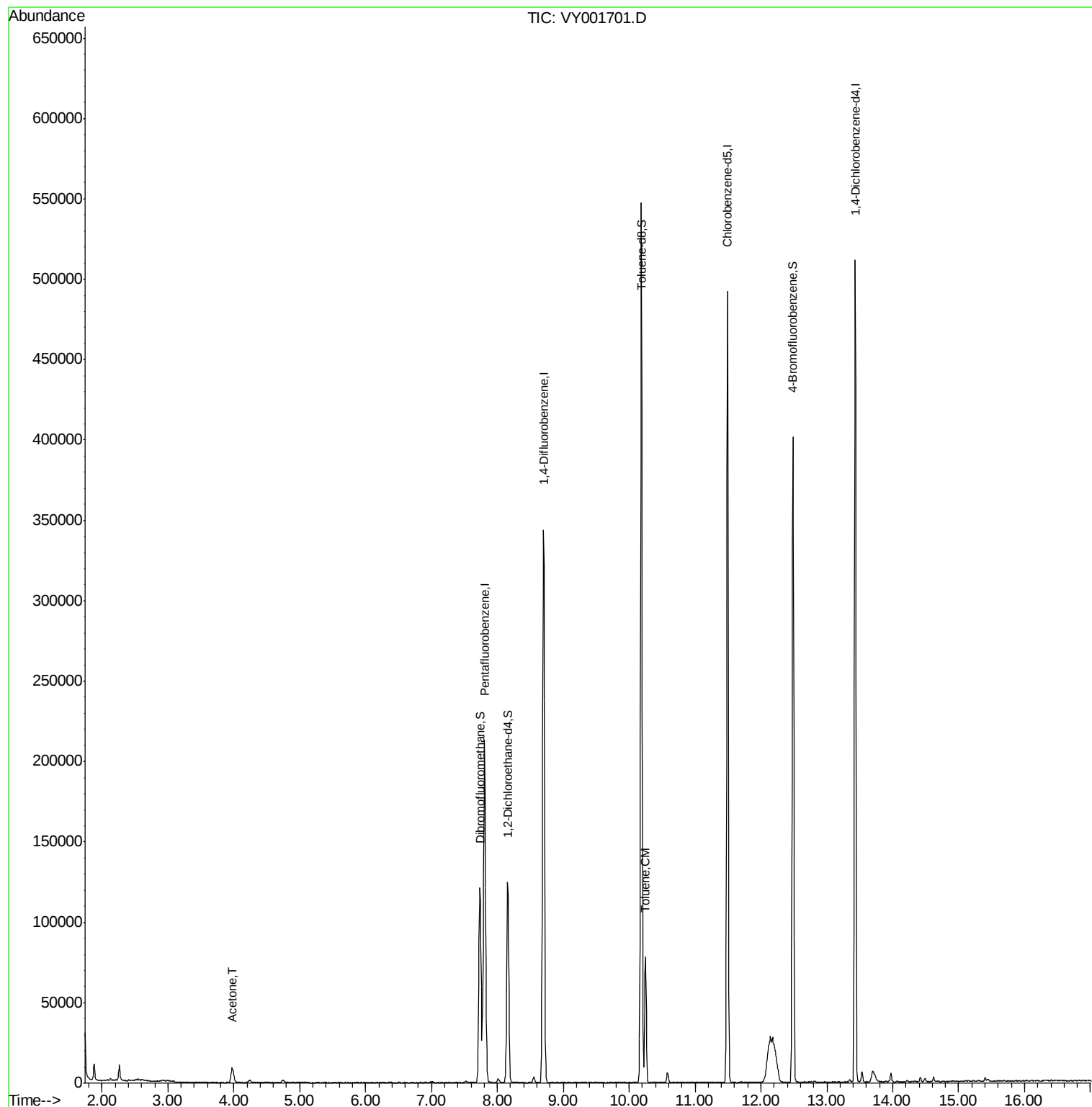
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	295451	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	265459	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	122321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95389	54.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	7.74	113	87861	51.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.19	98	355871	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	125710	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
Target Compounds						
16) Acetone	3.97	43	17179	28.391	ug/l	99
52) Toluene	10.25	92	32103	6.201	ug/l	98

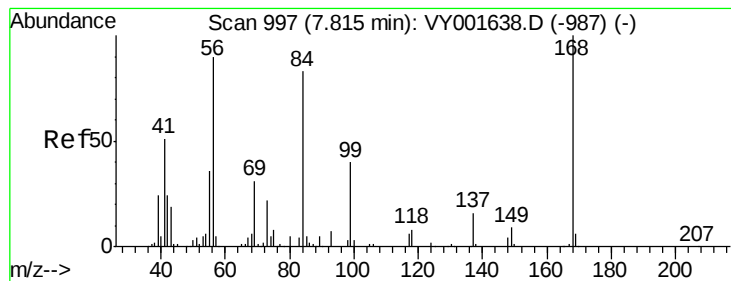
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
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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: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

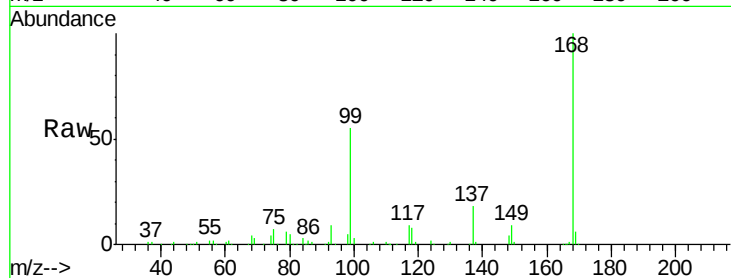
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion:168 Resp: 162574

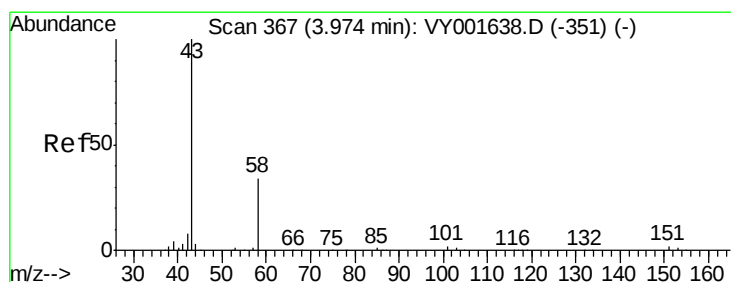
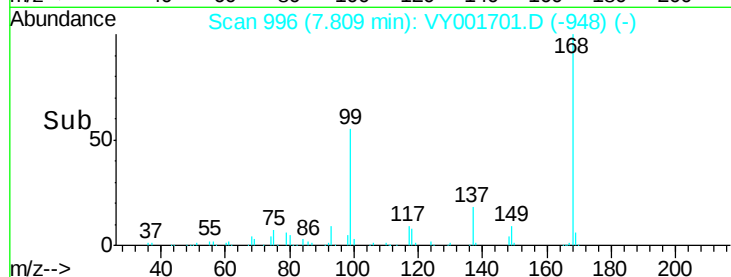
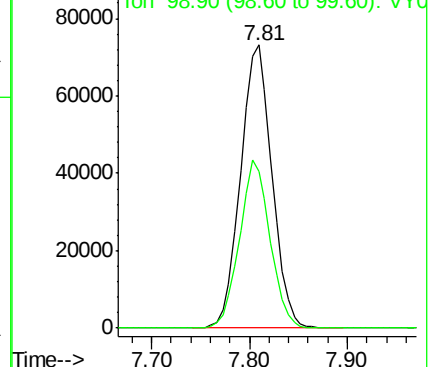
Ion Ratio Lower Upper

168 100

99 55.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001701.D (-948) (-)



#16

Acetone

Concen: 28.391 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001701.D

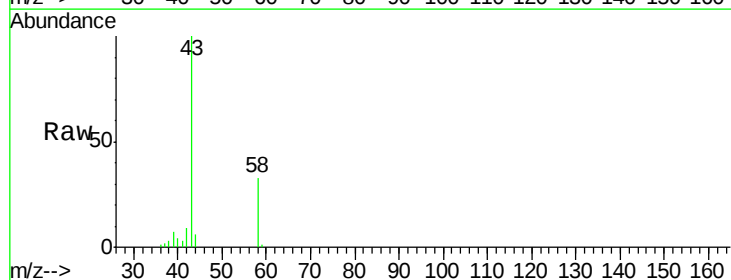
Acq: 19 Feb 2020 16:08

Tgt Ion: 43 Resp: 17179

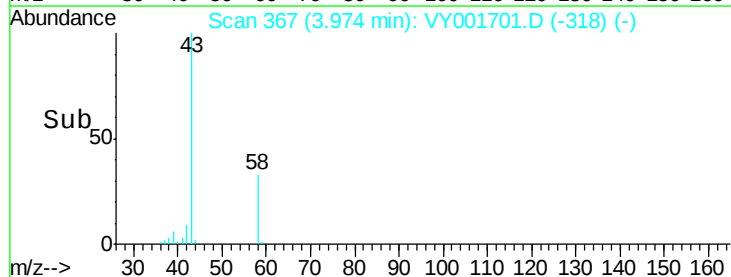
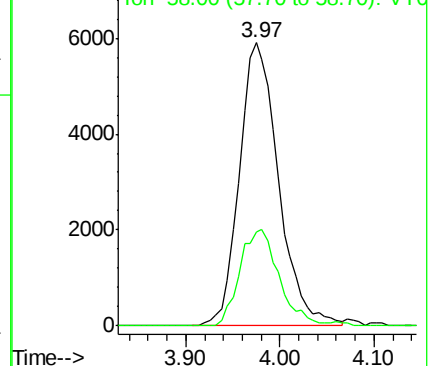
Ion Ratio Lower Upper

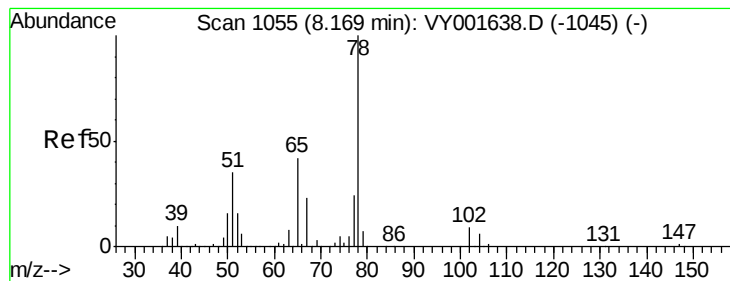
43 100

58 33.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001701.D (-318) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.548 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

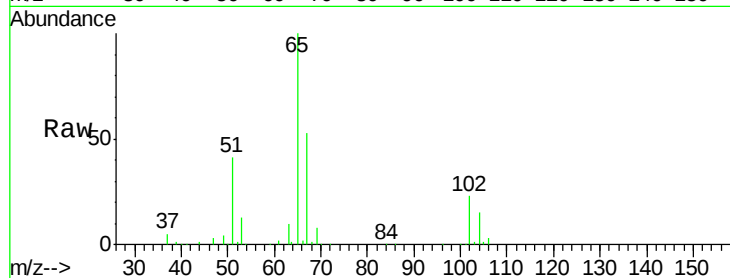
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion: 65 Resp: 95389

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001701.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001701.D (-1045) (-)

8.16

40000

30000

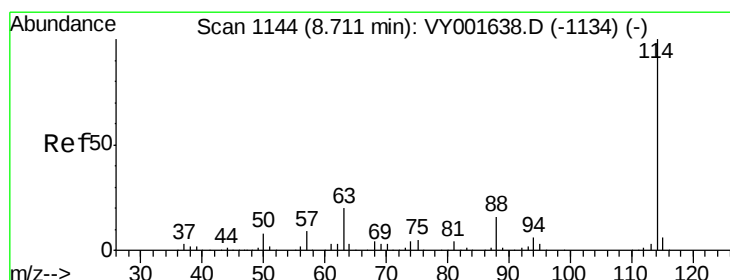
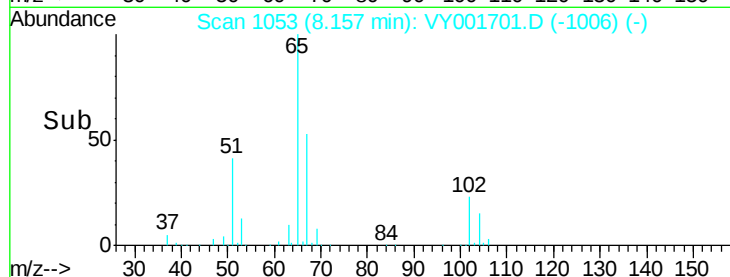
20000

10000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

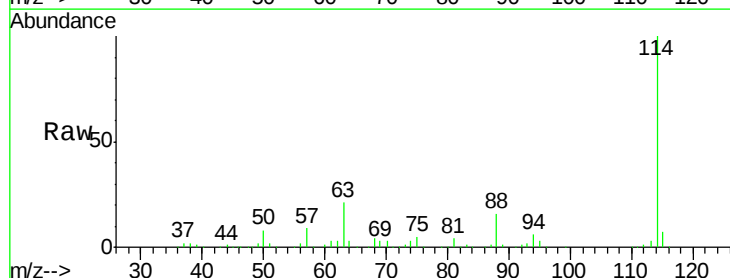
Tgt Ion: 114 Resp: 295451

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VY001701.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001701.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001701.D (-1095) (-)

8.70

200000

150000

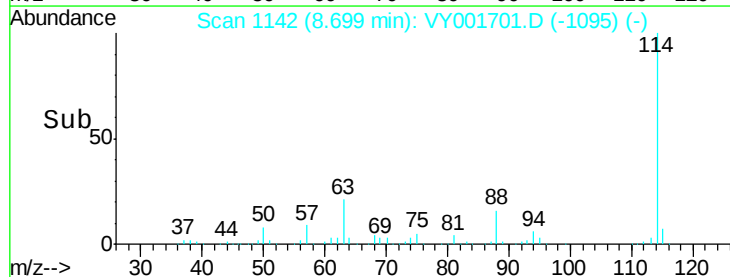
100000

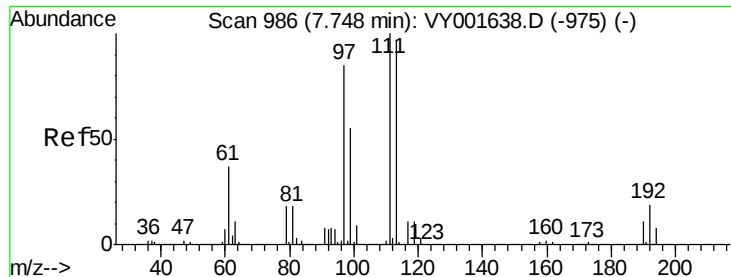
50000

0

Time-->

8.60 8.65 8.70 8.75 8.80

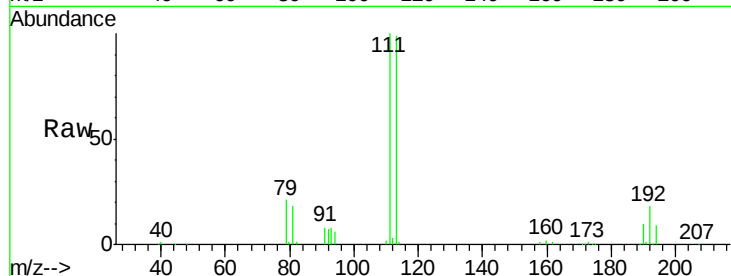




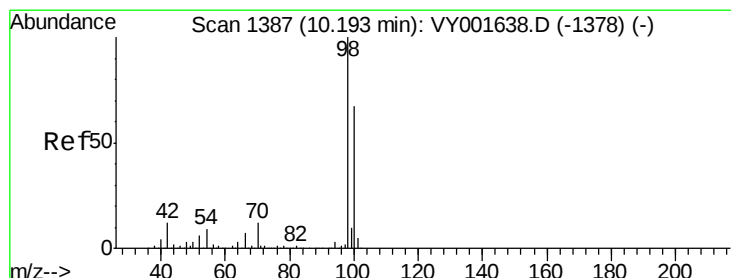
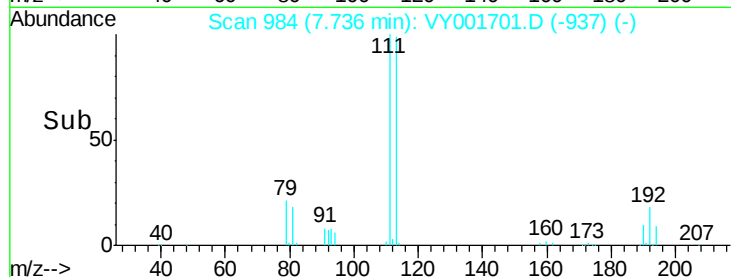
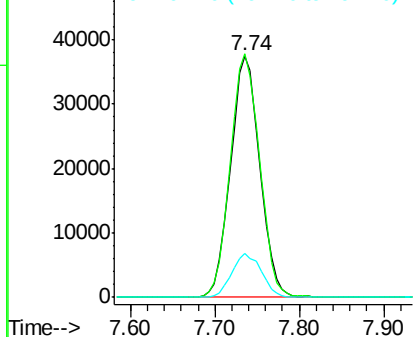
#35
Dibromofluoromethane
Concen: 51.921 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion:113 Resp: 87861
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 18.4 14.3 21.5

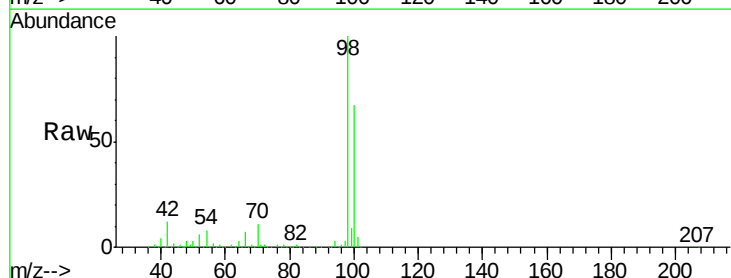


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

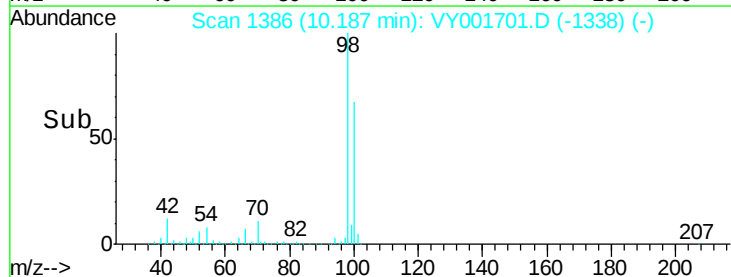
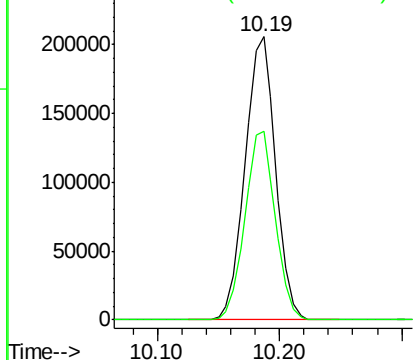


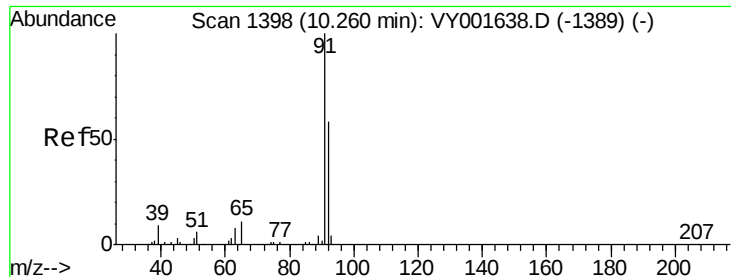
#50
Toluene-d8
Concen: 53.679 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

Tgt Ion: 98 Resp: 355871
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



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





#52

Toluene

Concen: 6.201 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

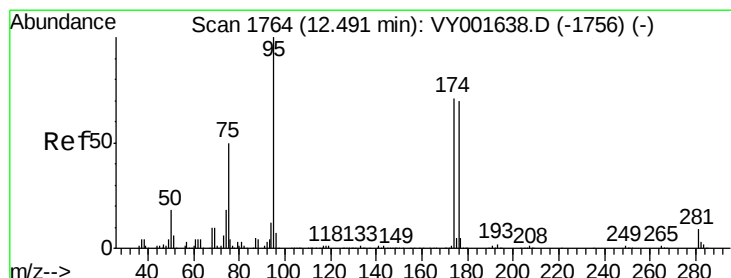
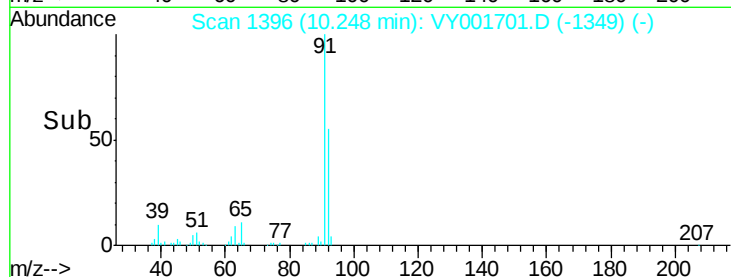
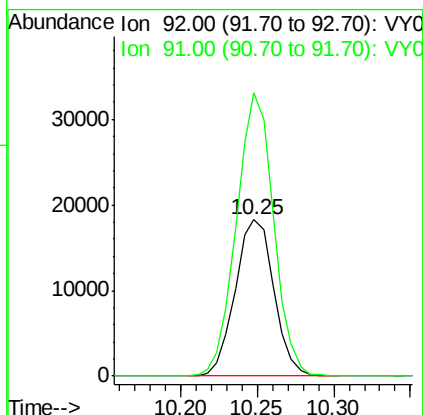
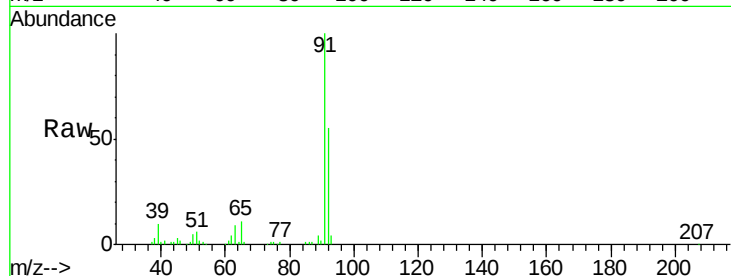
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion: 92 Resp: 32103

Ion Ratio Lower Upper

92 100

91 174.0 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 48.809 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

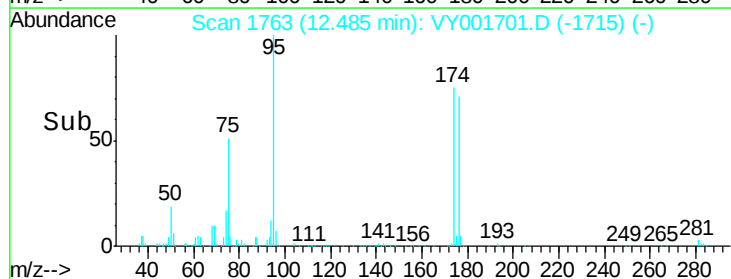
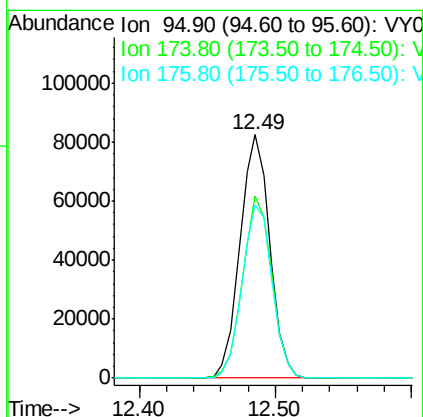
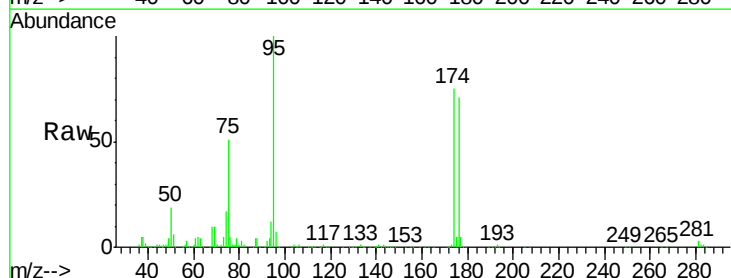
Tgt Ion: 95 Resp: 125710

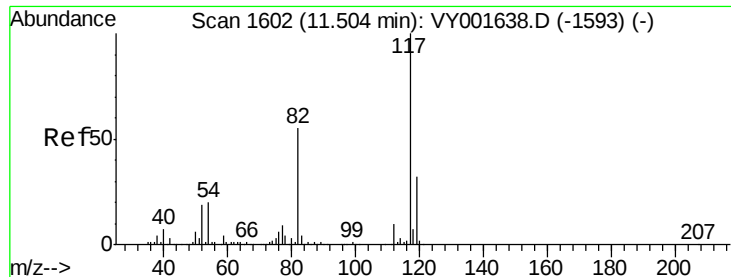
Ion Ratio Lower Upper

95 100

174 74.0 0.0 138.4

176 72.0 0.0 131.8

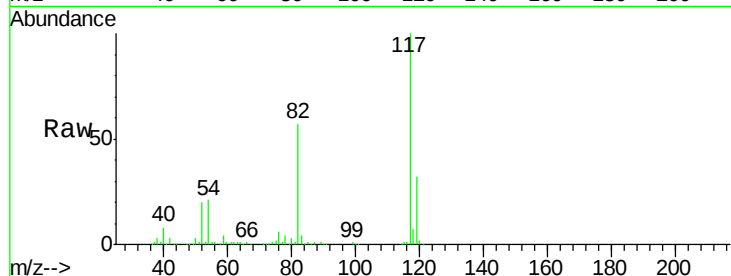




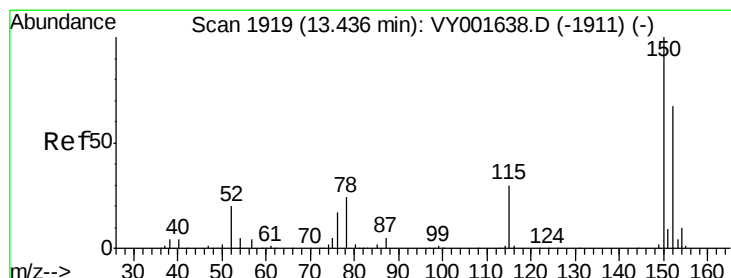
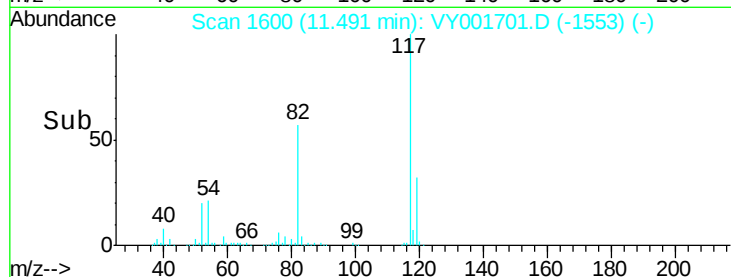
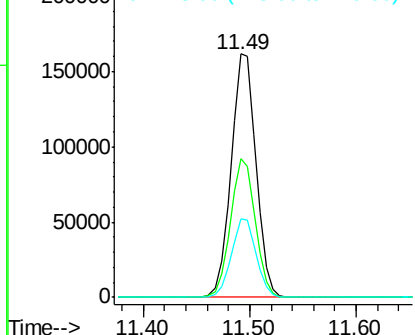
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion:117 Resp: 265459
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 32.2 25.8 38.6

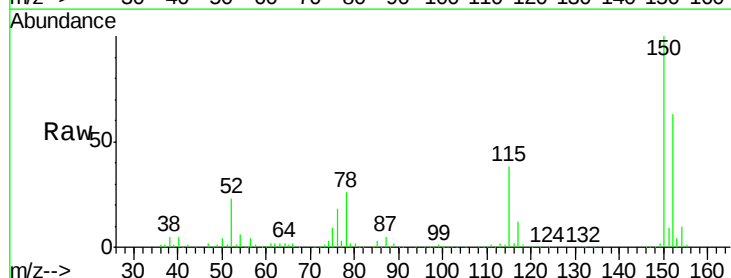


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

Tgt Ion:152 Resp: 122321
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.2
150 157.8 0.0 407.2



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

