

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002400.D
 Acq On : 17 Apr 2020 15:34
 Operator : SY/MD
 Sample : L2306-02RE
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-4-15-2020RE

Quant Time: Apr 18 07:10:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

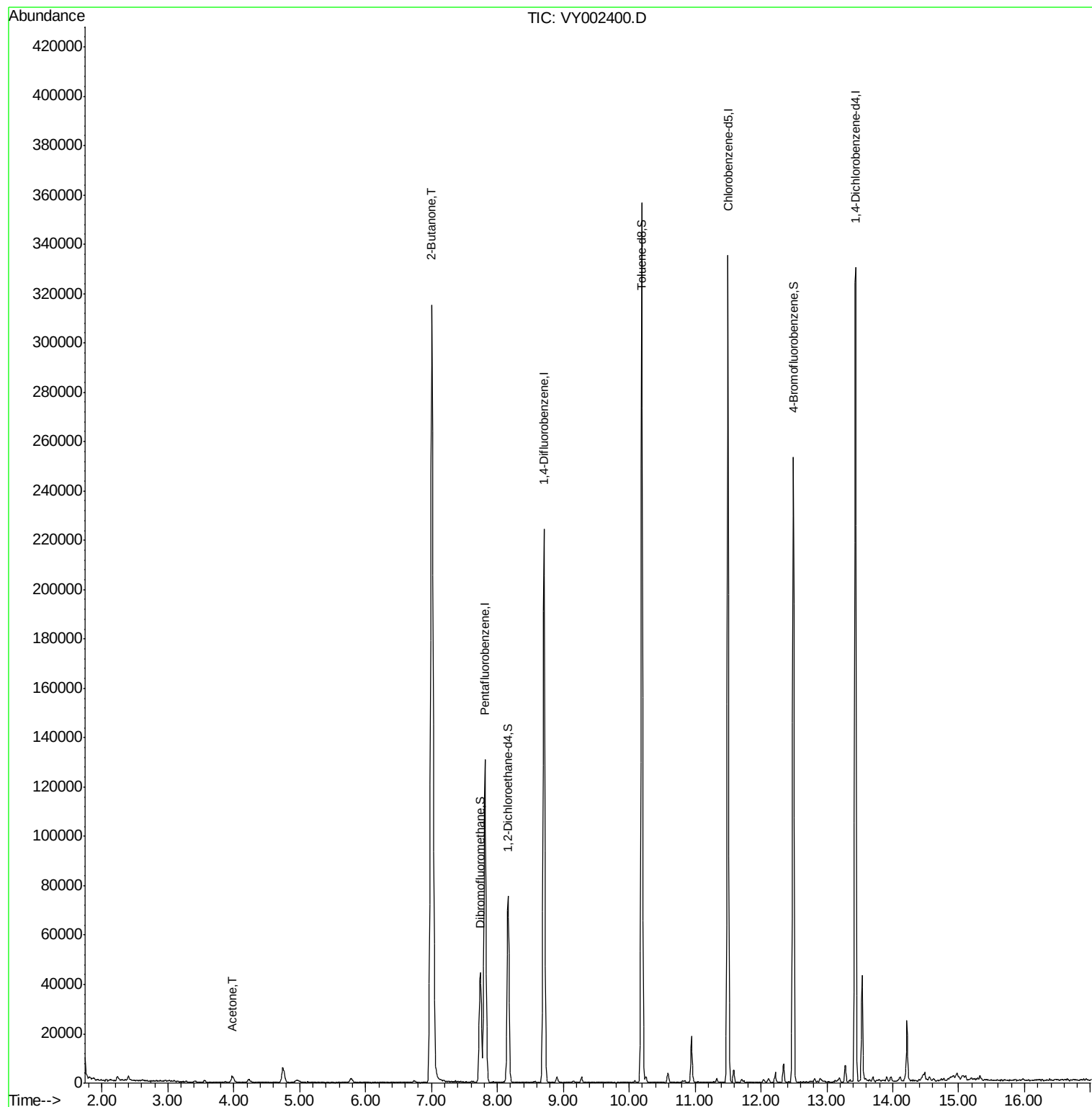
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	101309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	202727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	191985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	86233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	52480	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.74	113	32914	27.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.58%	
50) Toluene-d8	10.19	98	243373	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	83638	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
16) Acetone	3.97	43	4381	14.764	ug/l #	87
25) 2-Butanone	7.00	43	12991	27.664	ug/l #	74

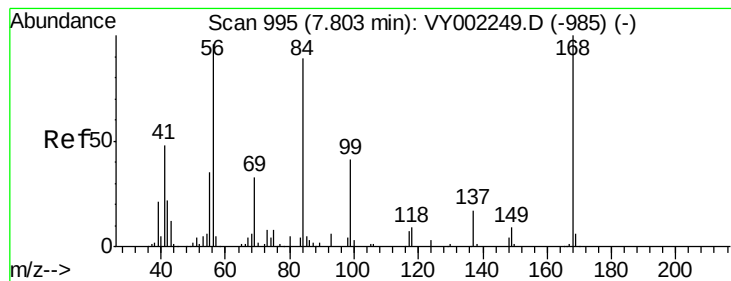
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002400.D

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ClientSampleId :

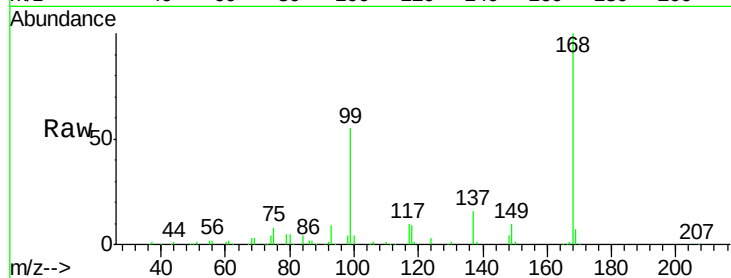
CC-4-15-2020RE

Tot Ion:168 Resp: 101309

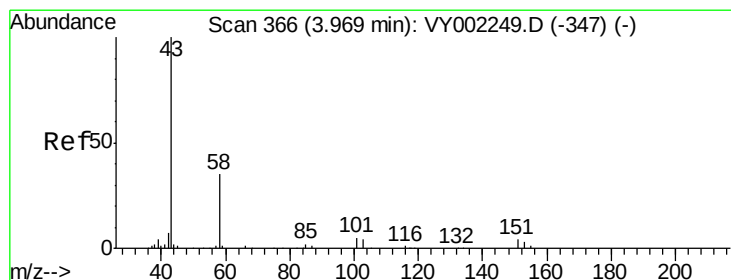
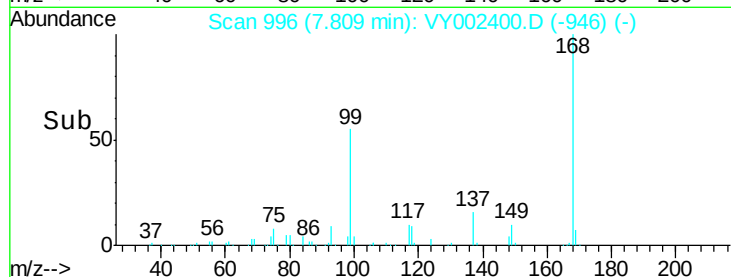
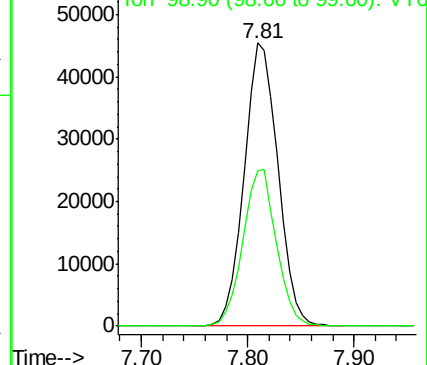
Ion Ratio Lower Upper

168 100

99 54.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 14.764 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002400.D

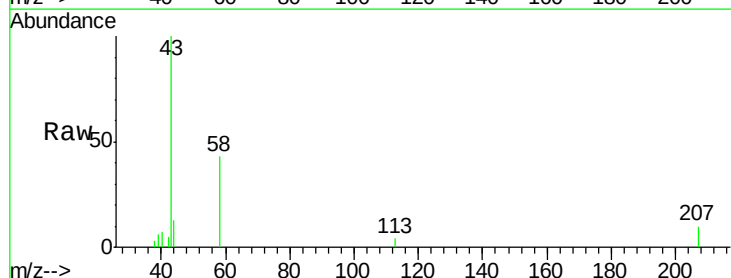
Acq: 17 Apr 2020 15:34

Tgt Ion: 43 Resp: 4381

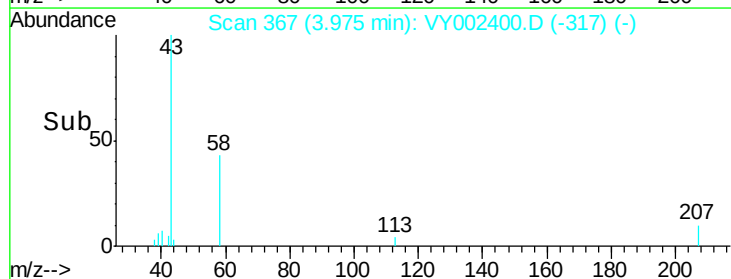
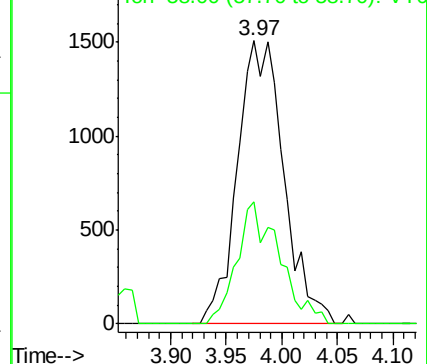
Ion Ratio Lower Upper

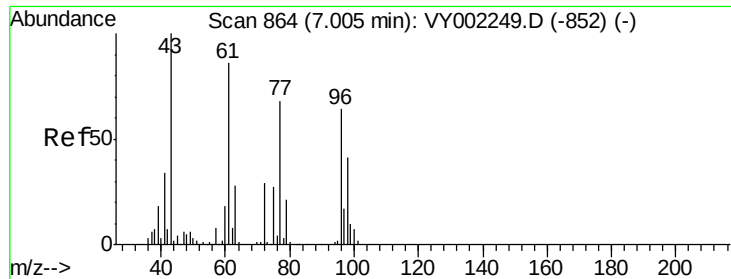
43 100

58 42.9 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)





#25

2-Butanone

Concen: 27.664 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002400.D

Acq: 17 Apr 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

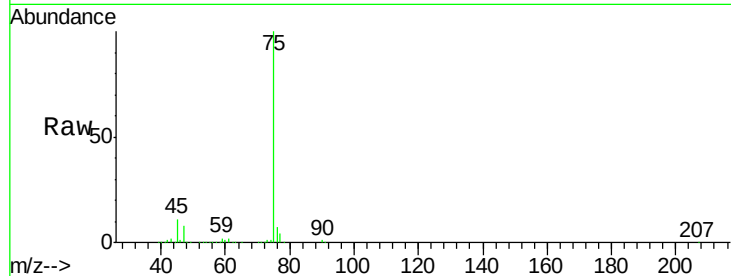
CC-4-15-2020RE

Tot Ion: 43 Resp: 12991

Ion Ratio Lower Upper

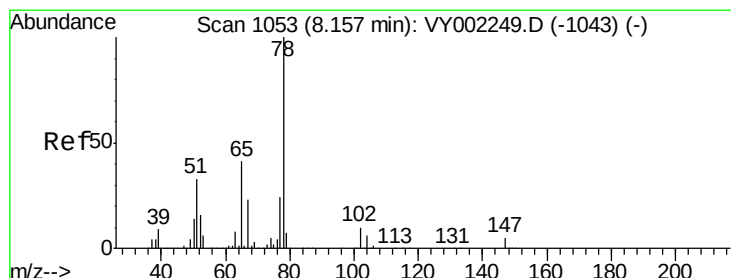
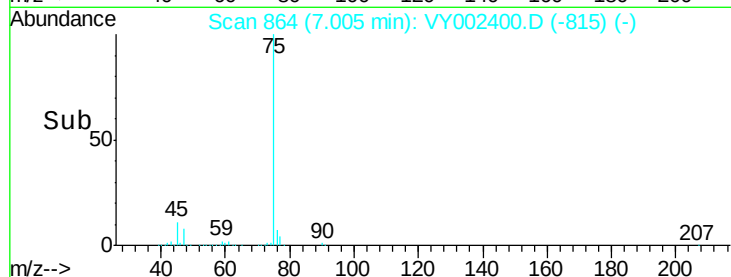
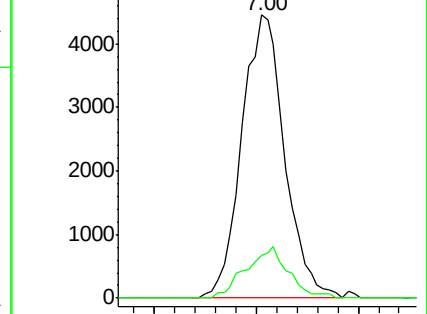
43 100

72 15.1 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 46.581 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002400.D

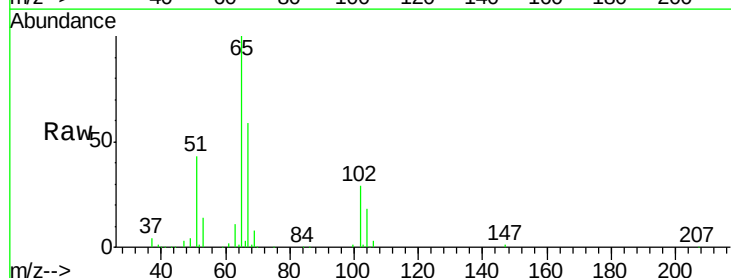
Acq: 17 Apr 2020 15:34

Tgt Ion: 65 Resp: 52480

Ion Ratio Lower Upper

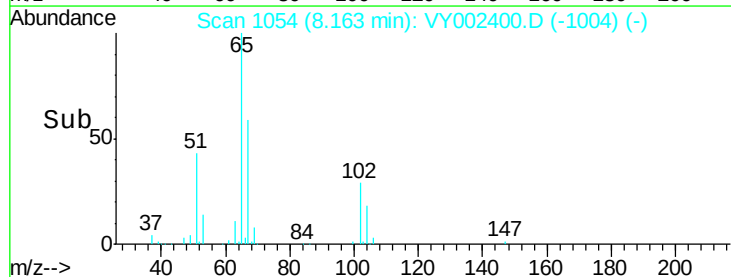
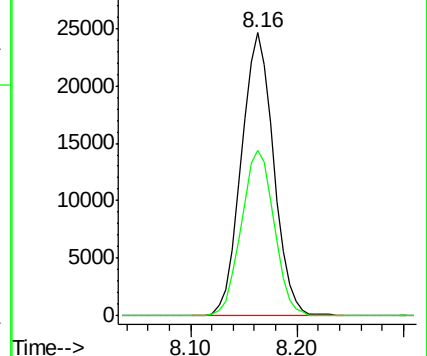
65 100

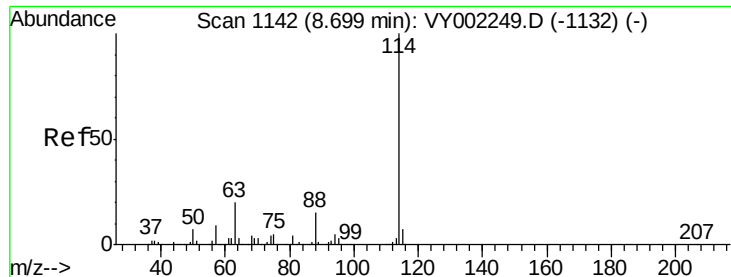
67 59.4 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

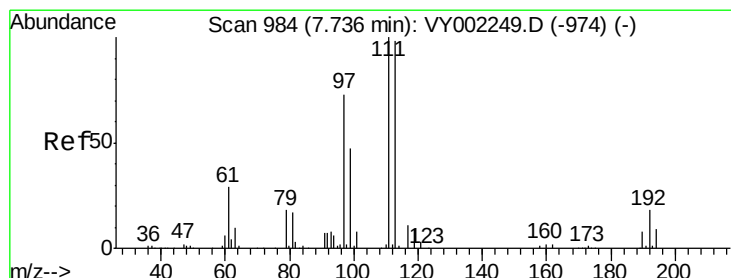
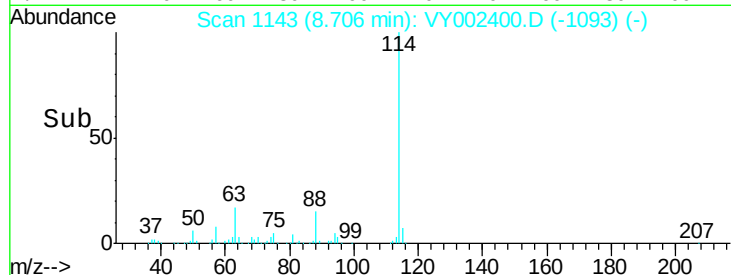
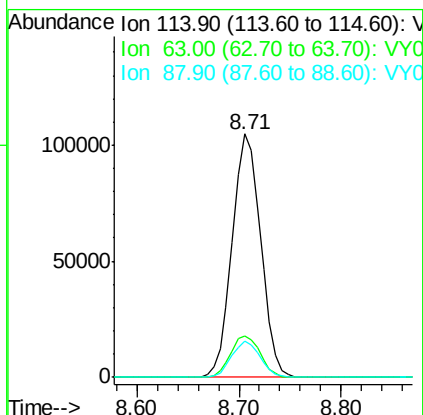
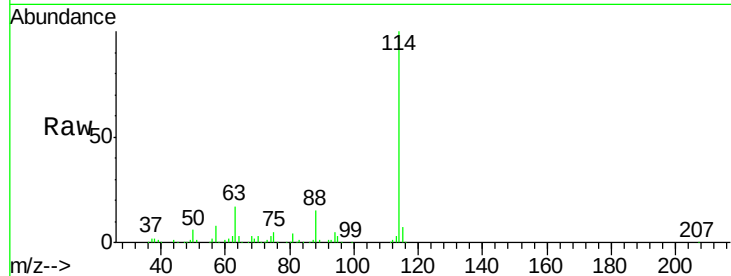




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002400.D
 Acq: 17 Apr 2020 15:34

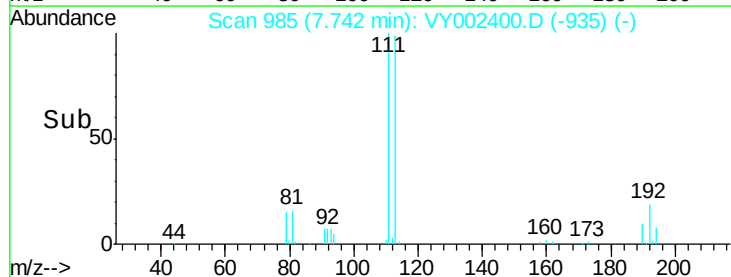
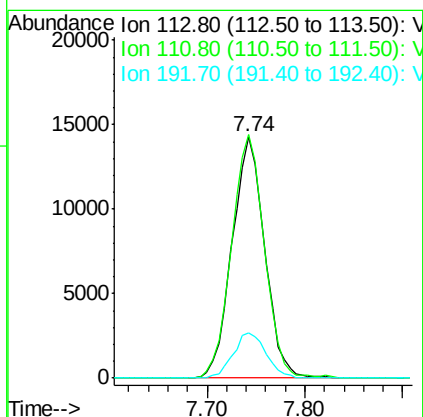
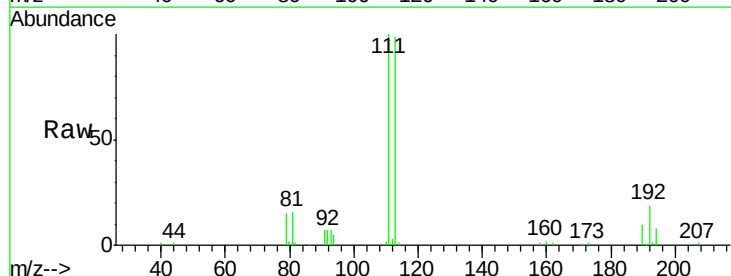
Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-4-15-2020RE

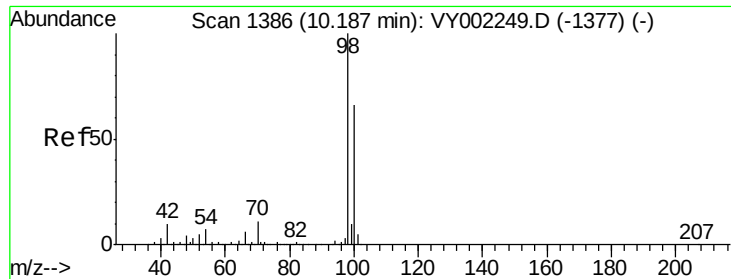
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	39.0
88	15.0	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 27.285 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002400.D
 Acq: 17 Apr 2020 15:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.5	125.3
192	19.0	14.7	22.1





#50

Toluene-d8

Concen: 48.202 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002400.D

Acq: 17 Apr 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

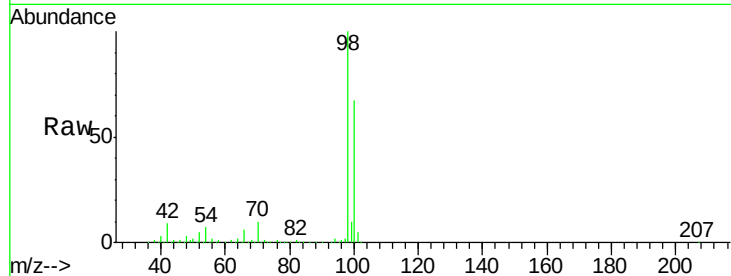
CC-4-15-2020RE

Tot Ion: 98 Resp: 243373

Ion Ratio Lower Upper

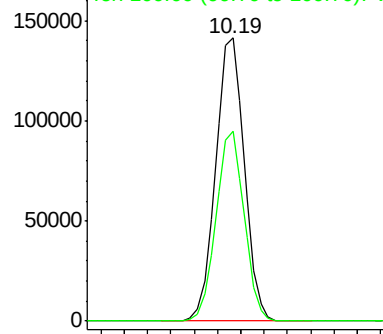
98 100

100 66.0 52.6 78.8

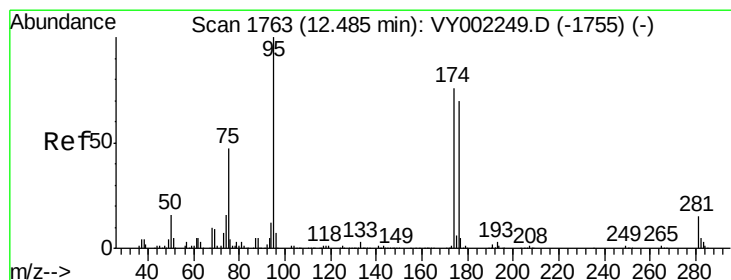
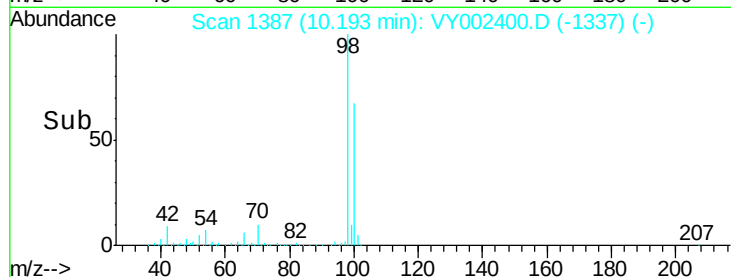


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 50.210 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002400.D

Acq: 17 Apr 2020 15:34

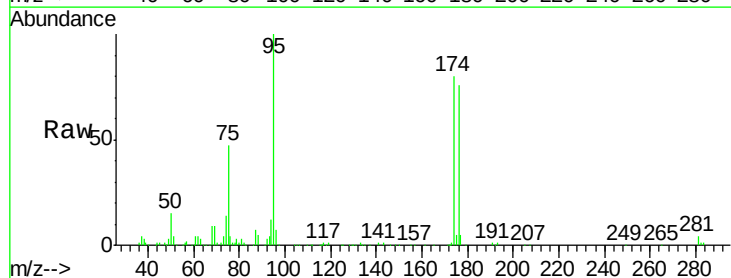
Tgt Ion: 95 Resp: 83638

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

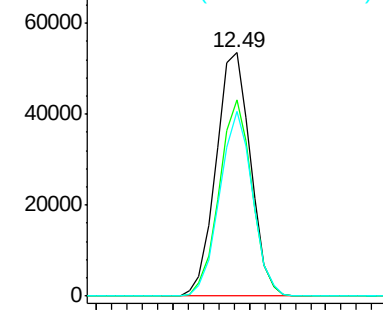
176 72.4 0.0 141.4



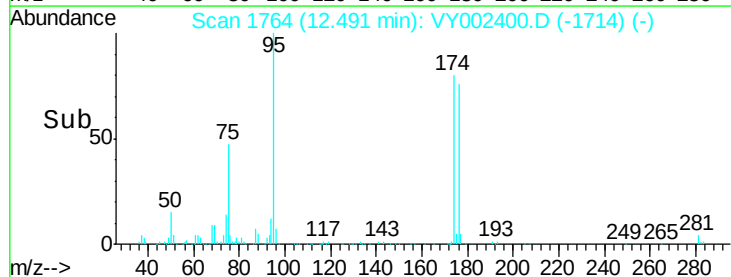
Abundance Ion 94.90 (94.60 to 95.60): VY0

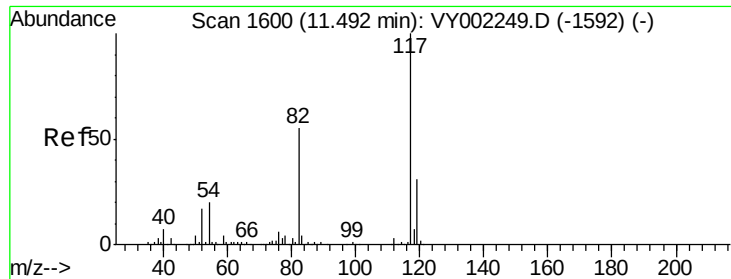
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

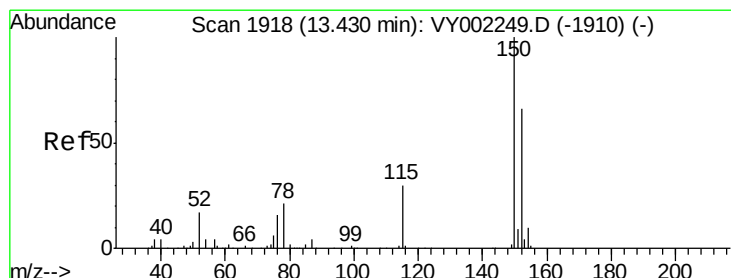
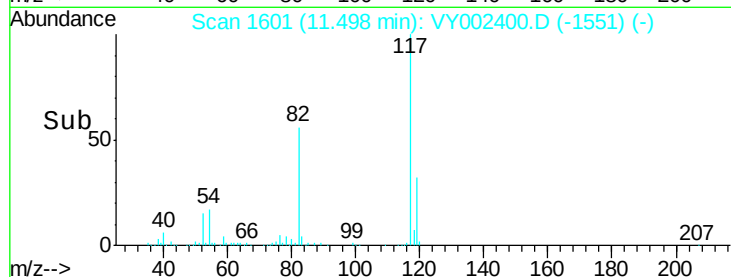
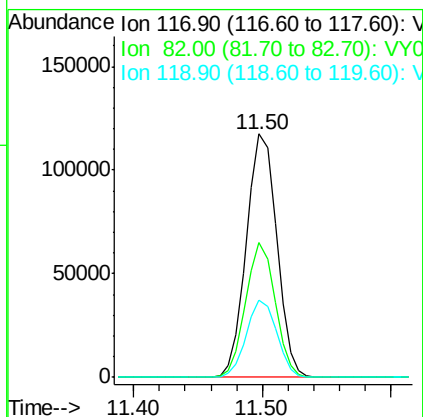
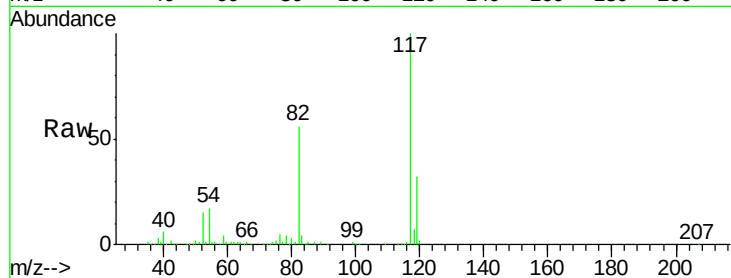




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002400.D
Acq: 17 Apr 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
CC-4-15-2020RE

Tot Ion:117 Resp: 191985
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002400.D
Acq: 17 Apr 2020 15:34

Tgt Ion:152 Resp: 86233
Ion Ratio Lower Upper
152 100
115 58.7 30.7 92.1
150 156.0 0.0 350.6

