

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002382.D
 Acq On : 16 Apr 2020 20:50
 Operator : SY/MD
 Sample : L2306-02
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 17 08:28:34 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

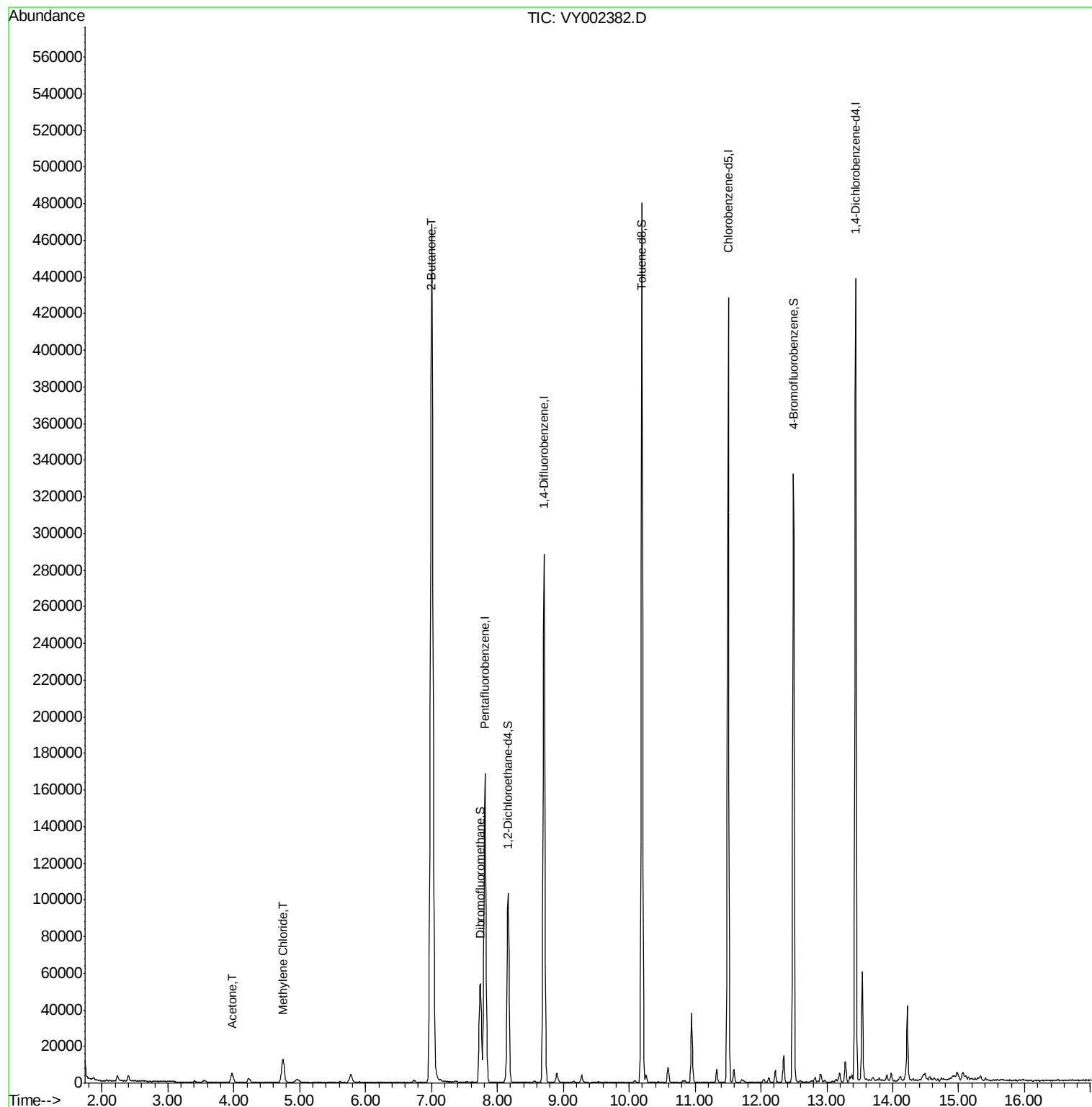
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	129876	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	260368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243966	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	110250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	71905	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.74	113	40848	26.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.74%	
50) Toluene-d8	10.19	98	314713	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.49	95	110155	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
16) Acetone	3.97	43	8601	22.610	ug/l	90
20) Methylene Chloride	4.74	84	10468	5.599	ug/l #	79
25) 2-Butanone	7.00	43	20637	34.280	ug/l #	73

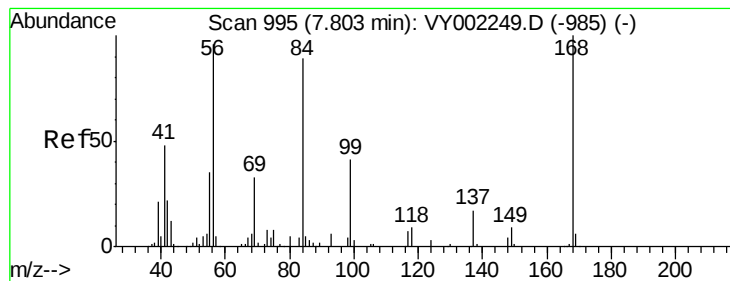
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002382.D
Acq On : 16 Apr 2020 20:50
Operator : SY/MD
Sample : L2306-02
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 17 08:28:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002382.D

Acq: 16 Apr 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

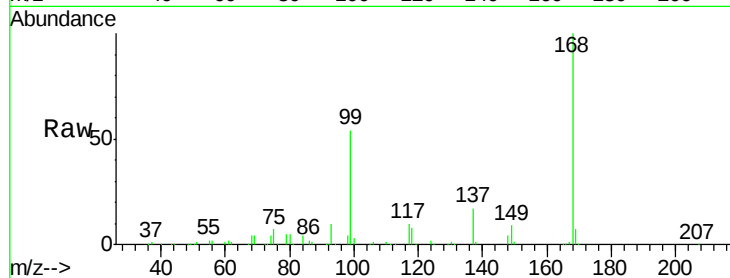
CC-4-15-2020

Tot Ion:168 Resp: 129876

Ion Ratio Lower Upper

168 100

99 53.7 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

60000

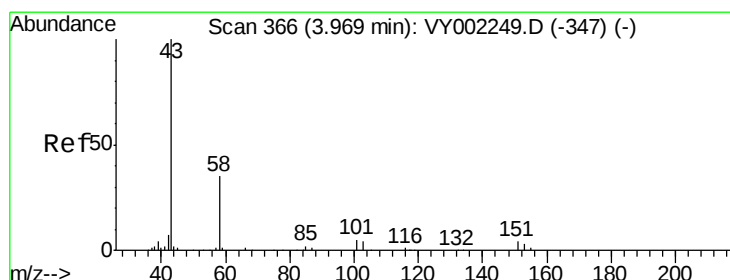
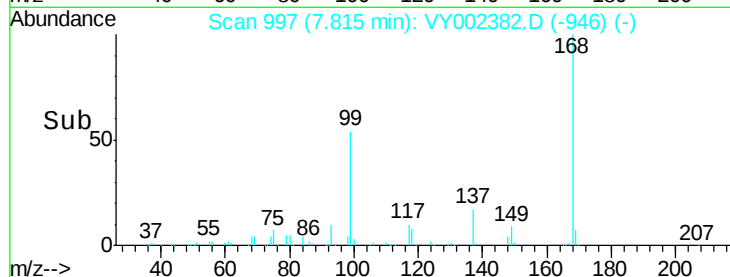
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 22.610 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002382.D

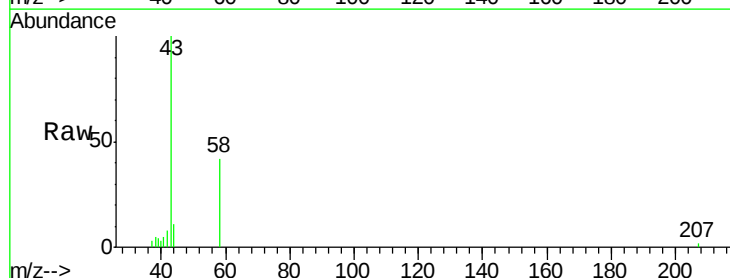
Acq: 16 Apr 2020 20:50

Tgt Ion: 43 Resp: 8601

Ion Ratio Lower Upper

43 100

58 41.7 28.5 42.7



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

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.97

3000

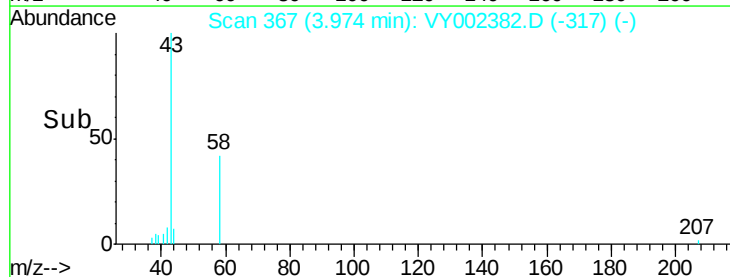
2000

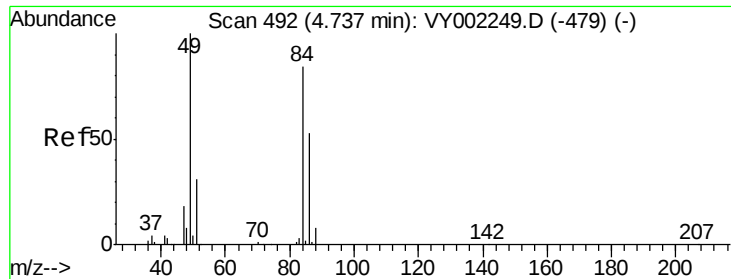
1000

0

Time-->

3.90 4.00 4.10

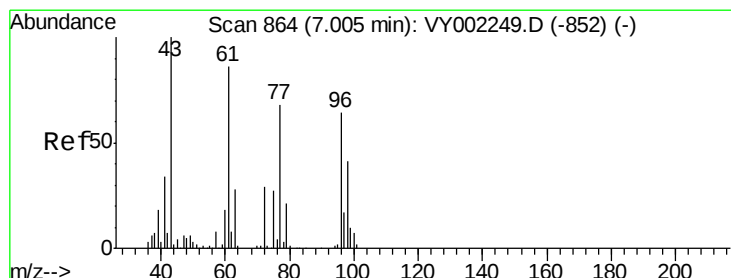
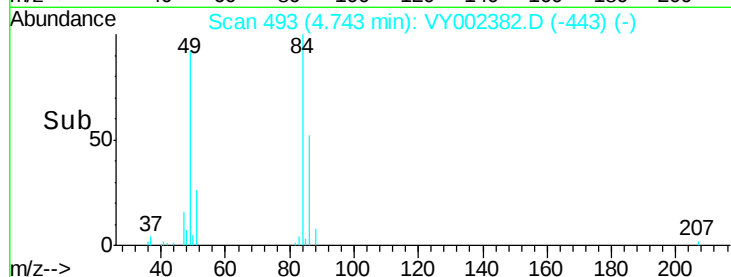
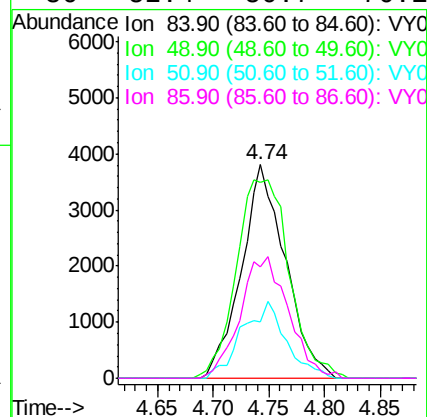
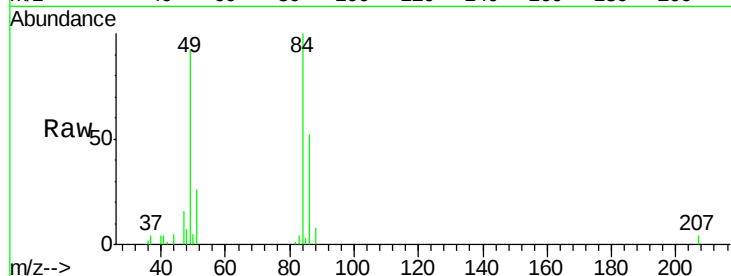




#20
Methvlene Chloride
Concen: 5.599 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002382.D
Acq: 16 Apr 2020 20:50

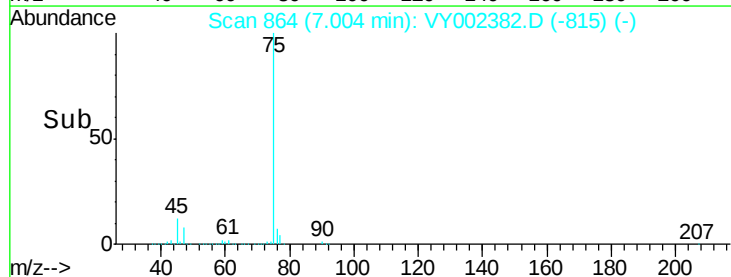
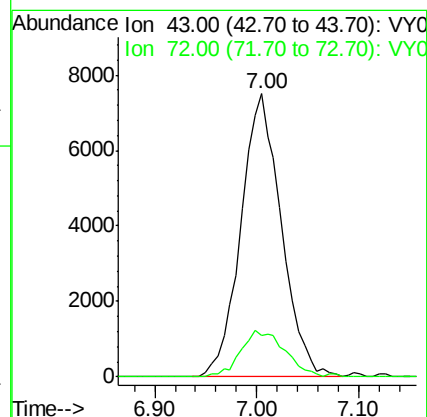
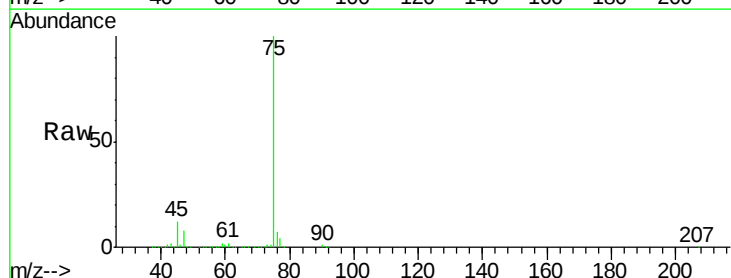
Instrument :
MSVOA_Y
ClientSampleId :
CC-4-15-2020

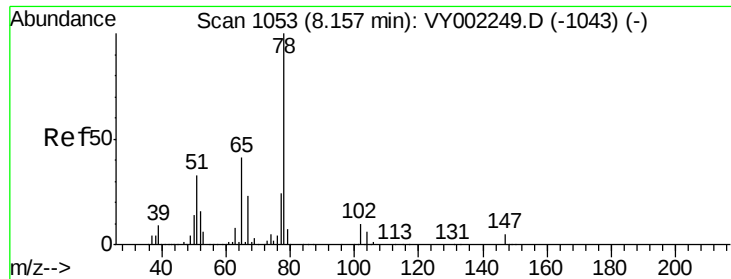
Tot Ion	84	Resp	10468
Ion	Ratio	Lower	Upper
84	100		
49	91.5	95.5	143.3#
51	26.4	29.5	44.3#
86	52.4	50.7	76.1



#25
2-Butanone
Concen: 34.280 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002382.D
Acq: 16 Apr 2020 20:50

Tgt Ion	43	Resp	20637
Ion	Ratio	Lower	Upper
43	100		
72	14.6	23.2	34.8#





#33

1,2-Dichloroethane-d4

Concen: 49.785 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002382.D

Acq: 16 Apr 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

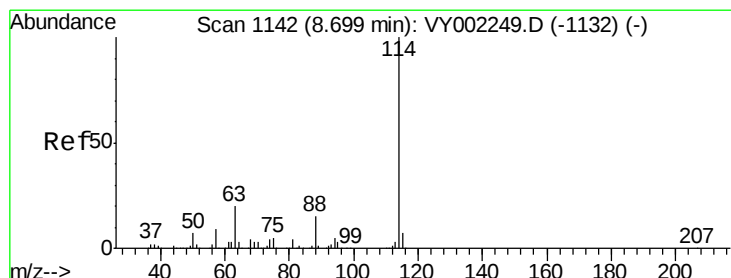
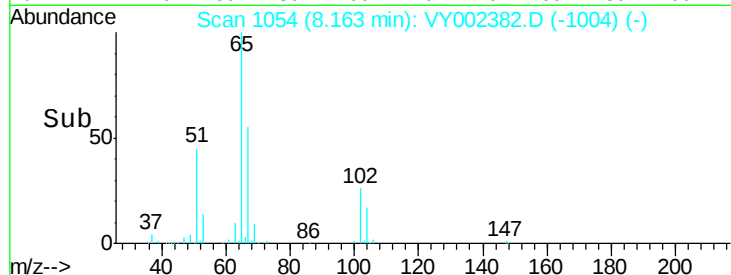
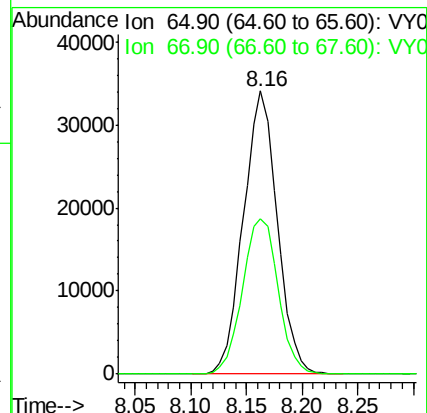
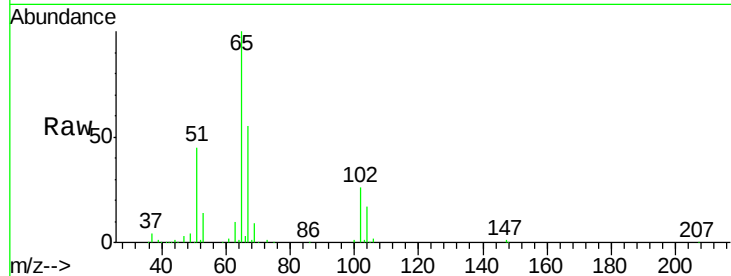
CC-4-15-2020

Tot Ion: 65 Resp: 71905

Ion Ratio Lower Upper

65 100

67 58.1 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002382.D

Acq: 16 Apr 2020 20:50

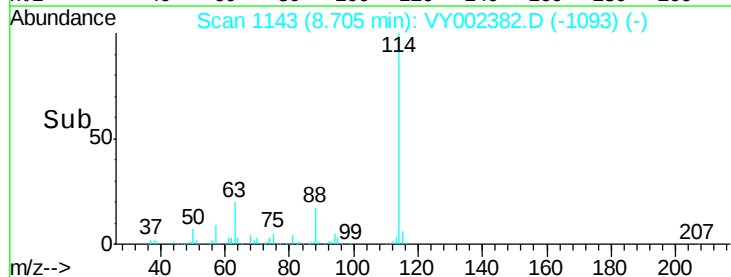
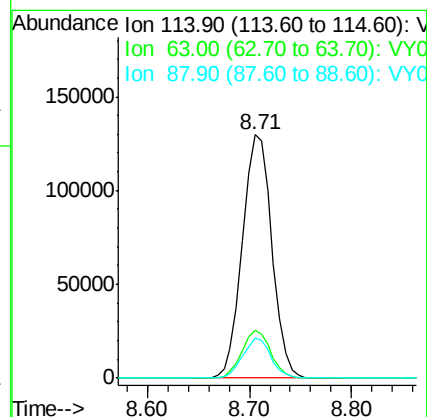
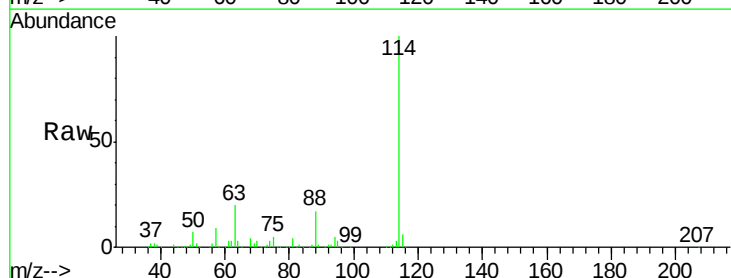
Tgt Ion: 114 Resp: 260368

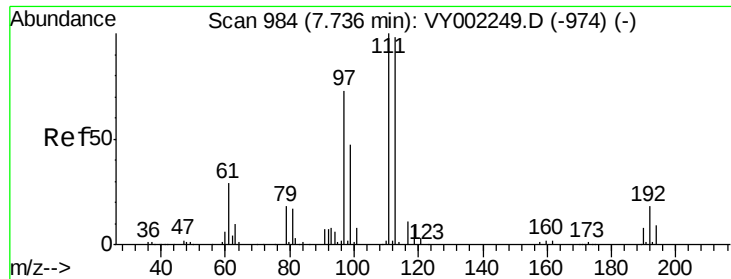
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 16.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 26.366 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002382.D

Acq: 16 Apr 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

CC-4-15-2020

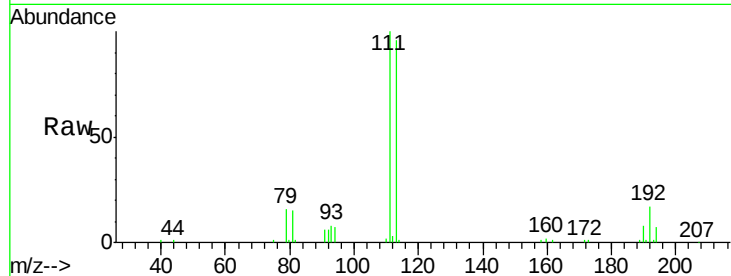
Tot Ion:113 Resp: 40848

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

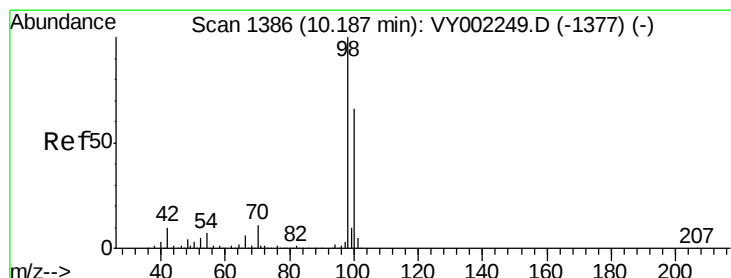
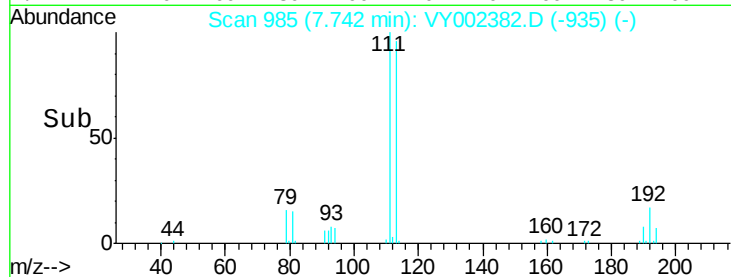
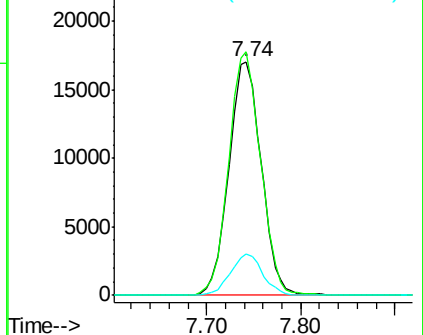
192 17.4 14.7 22.1



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: 48.532 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002382.D

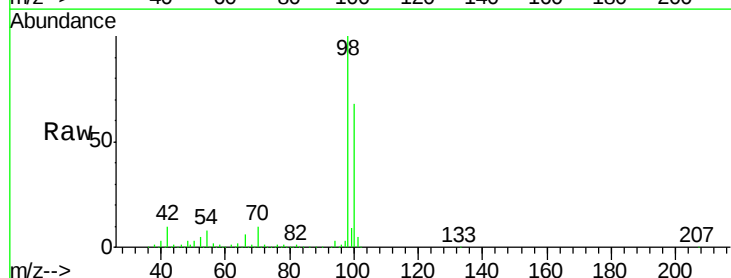
Acq: 16 Apr 2020 20:50

Tgt Ion: 98 Resp: 314713

Ion Ratio Lower Upper

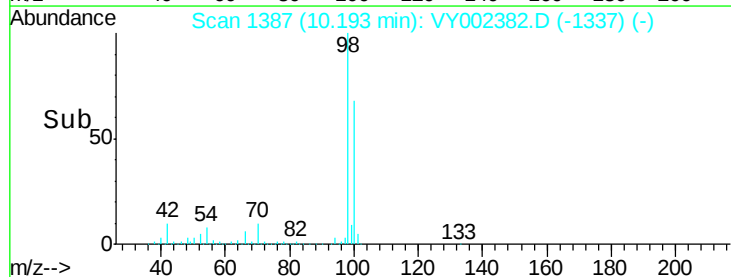
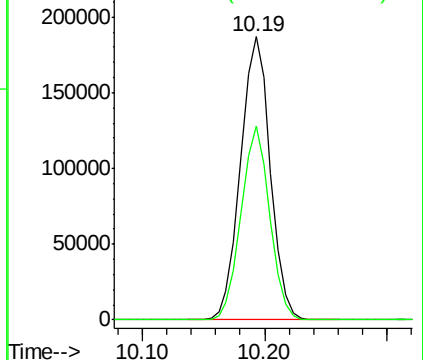
98 100

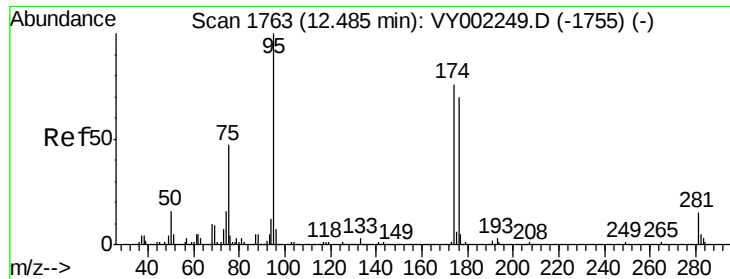
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

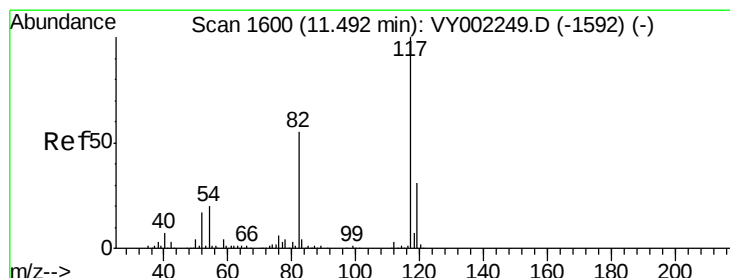
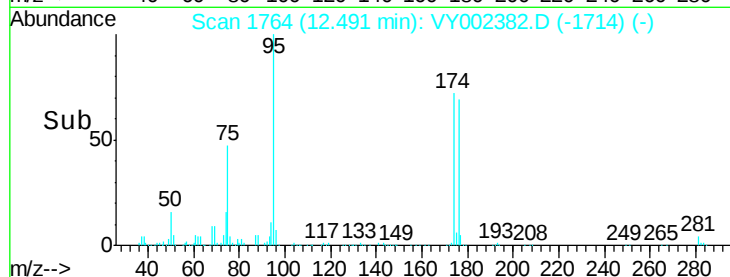
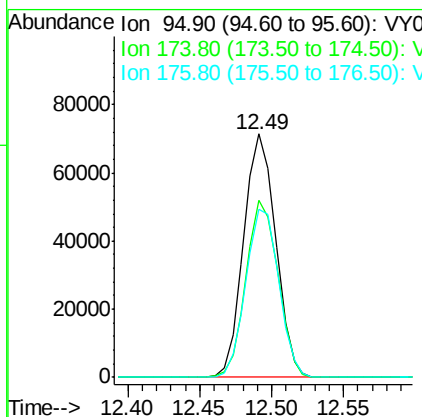
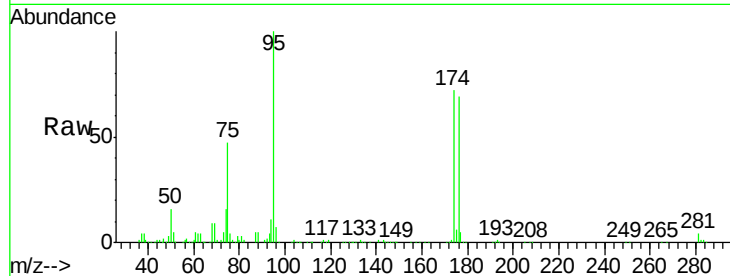




#62
4-Bromofluorobenzene
Concen: 51.489 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002382.D
Acq: 16 Apr 2020 20:50

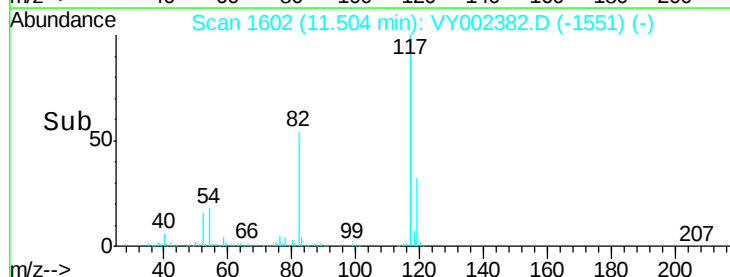
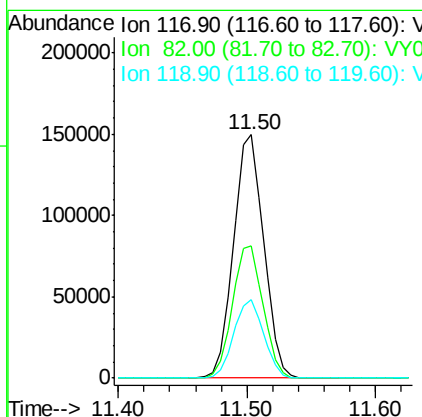
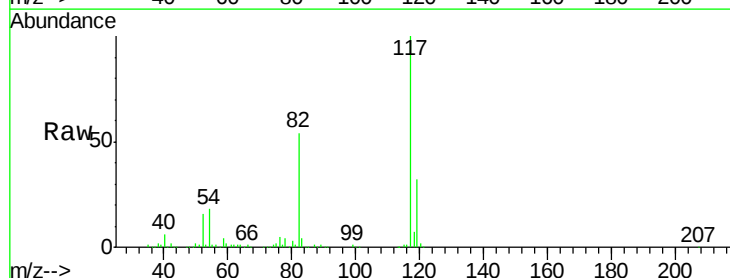
Instrument :
MSVOA_Y
ClientSampleId :
CC-4-15-2020

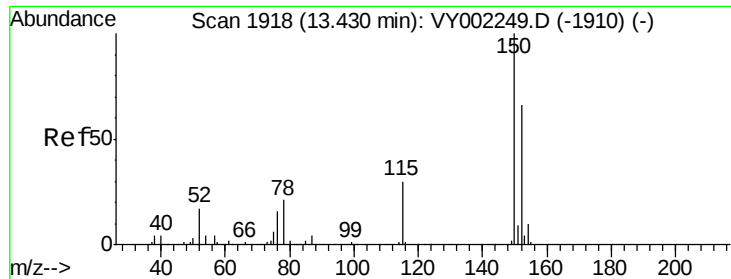
Tot Ion	95	Resp	110	155
Ion Ratio	100			
Lower		0.0	150.6	
Upper		0.0	141.4	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002382.D
Acq: 16 Apr 2020 20:50

Tgt Ion	117	Resp	243	966
Ion Ratio	100			
Lower		44.2	66.4	
Upper		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: VY002382.D

Acq: 16 Apr 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

CC-4-15-2020

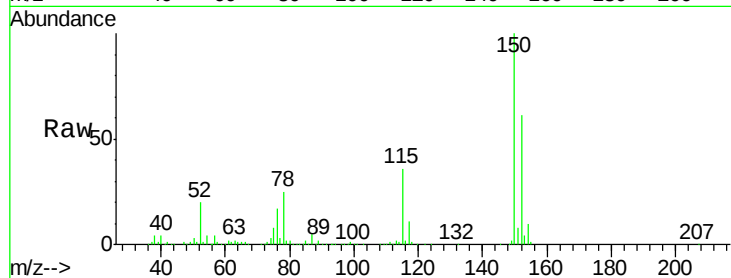
Tot Ion:152 Resp: 110250

Ion Ratio Lower Upper

152 100

115 60.0 30.7 92.1

150 156.7 0.0 350.6



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

