

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002345.D
 Acq On : 15 Apr 2020 18:19
 Operator : SY/MD
 Sample : L2281-04
 Misc : 6.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-45

Quant Time: Apr 16 07:26:36 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

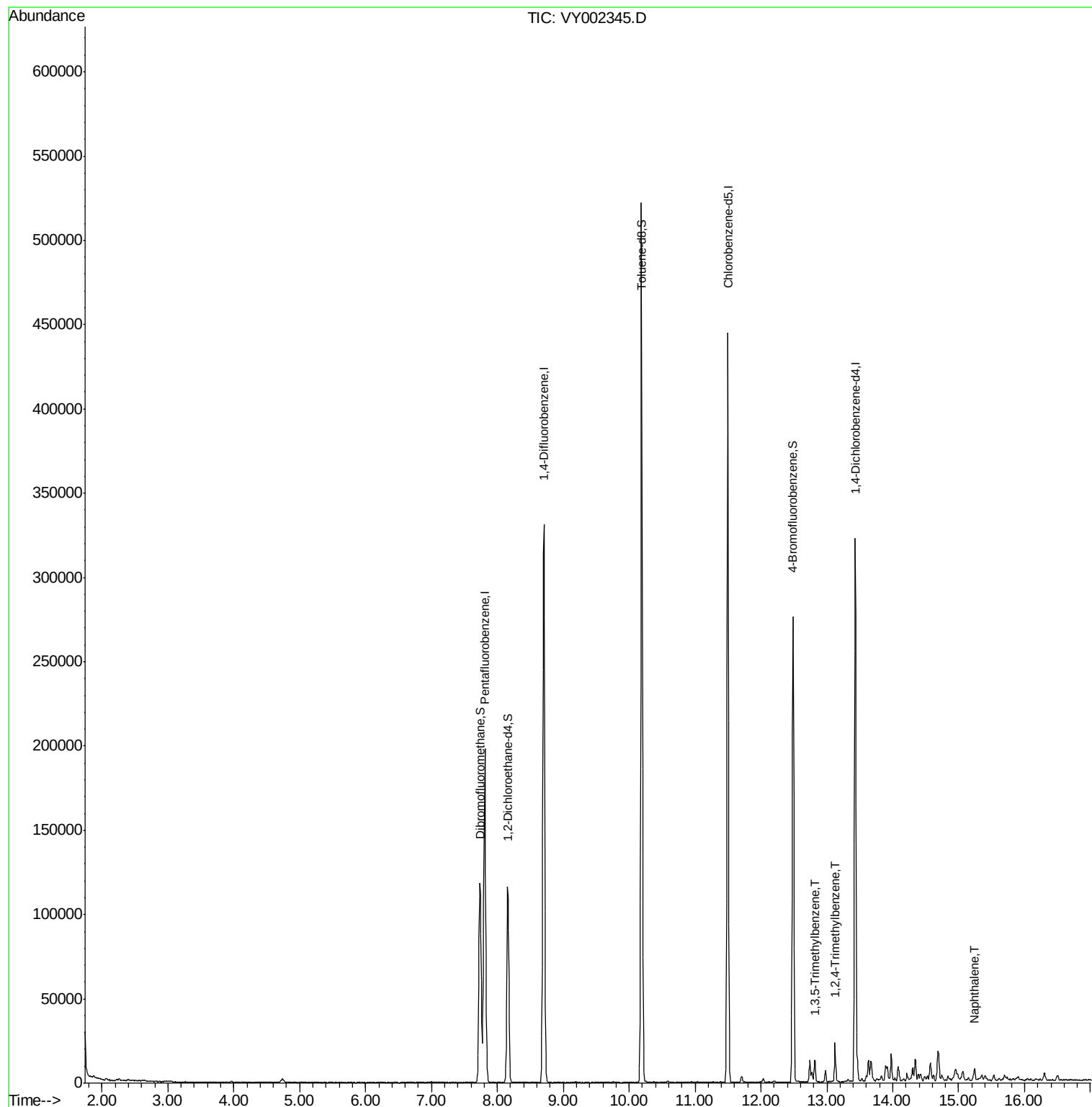
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	147779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	241922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	77776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84674	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	7.74	113	87391	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.19	98	349636	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.49	95	94140	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.82	105	5873	1.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	12338	2.445	ug/l	97
95) Naphthalene	15.24	128	5105	1.507	ug/l	98

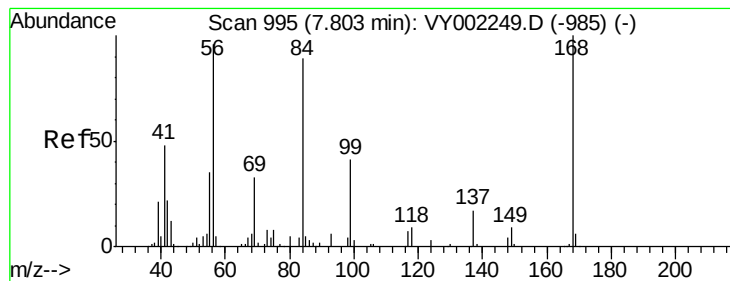
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
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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: VY002345.D

Acq: 15 Apr 2020 18:19

Instrument :

MSVOA_Y

ClientSampled :

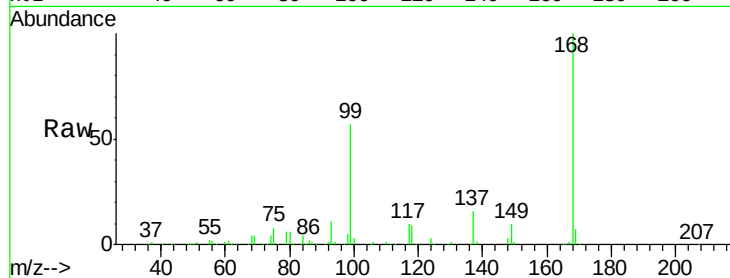
TP-45

Tot Ion:168 Resp: 147779

Ion Ratio Lower Upper

168 100

99 57.1 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) (-)

7.81

60000

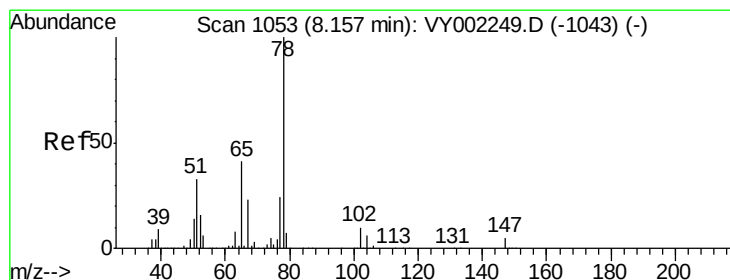
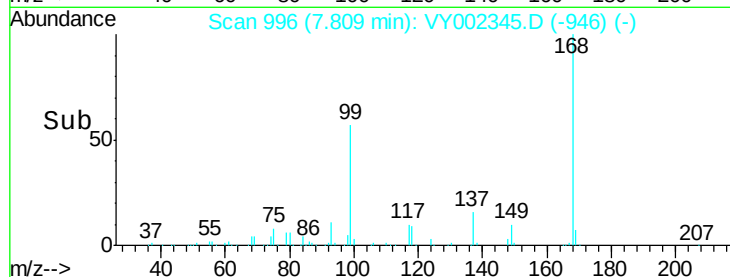
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.523 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002345.D

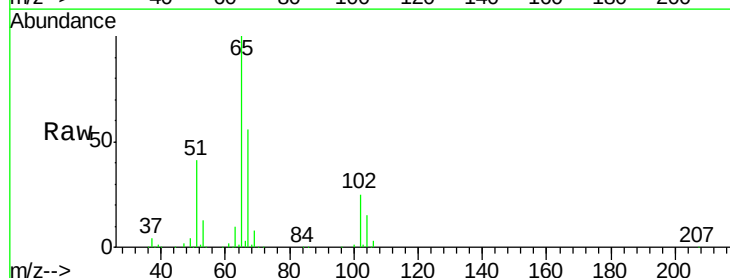
Acq: 15 Apr 2020 18:19

Tgt Ion: 65 Resp: 84674

Ion Ratio Lower Upper

65 100

67 57.3 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.16

40000

30000

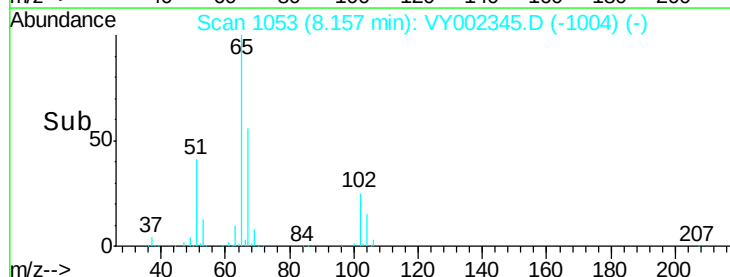
20000

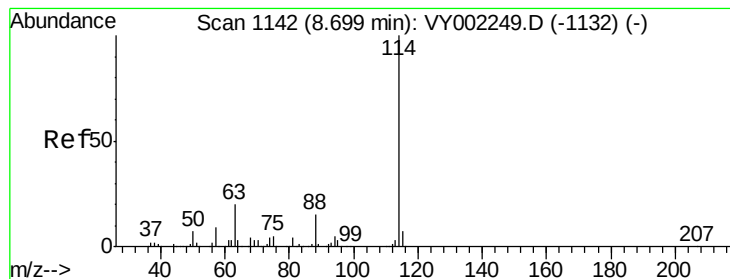
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002345.D

Acq: 15 Apr 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-45

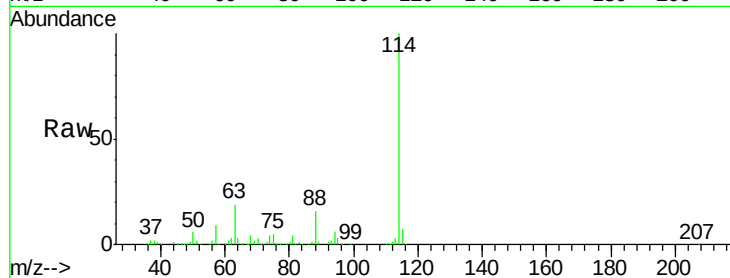
Tot Ion:114 Resp: 291728

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

88 16.4 0.0 31.0



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

200000

150000

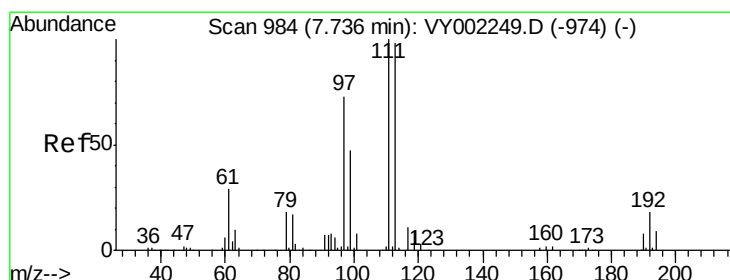
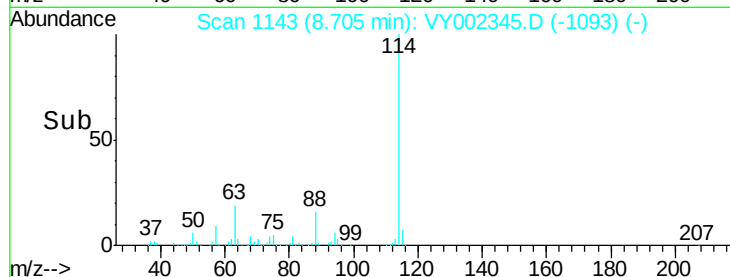
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 50.344 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002345.D

Acq: 15 Apr 2020 18:19

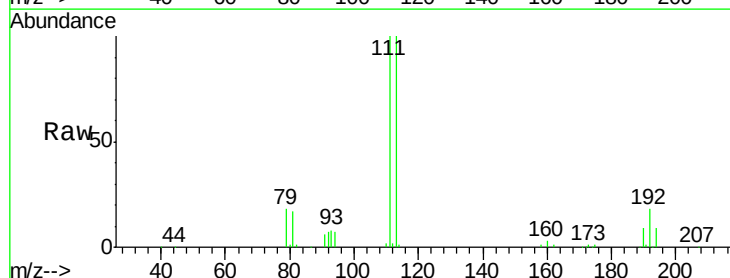
Tgt Ion:113 Resp: 87391

Ion Ratio Lower Upper

113 100

111 103.8 83.5 125.3

192 18.4 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

50000

40000

30000

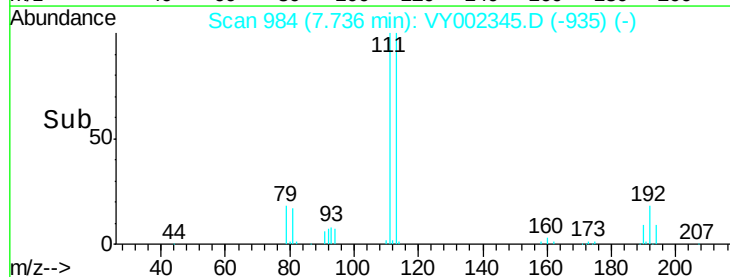
20000

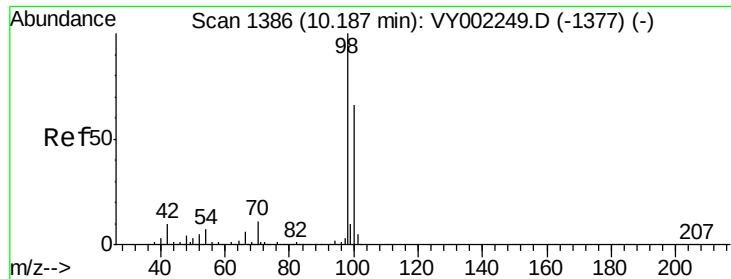
10000

0

7.60 7.70 7.80 7.90

Time-->

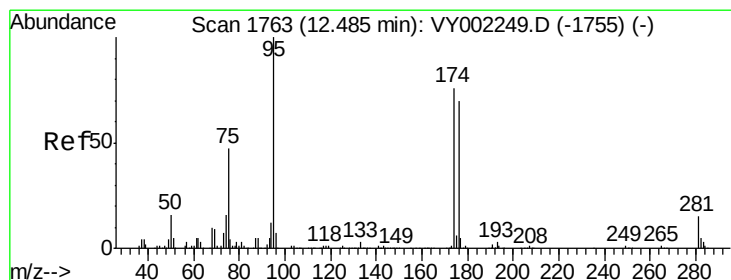
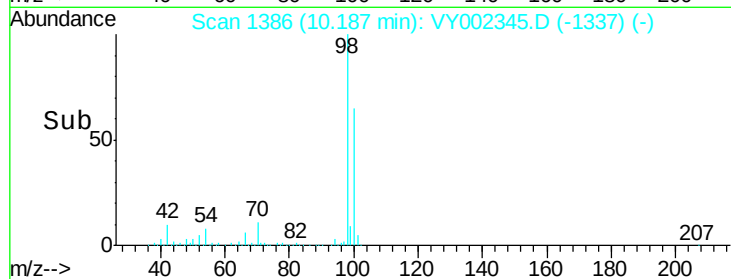
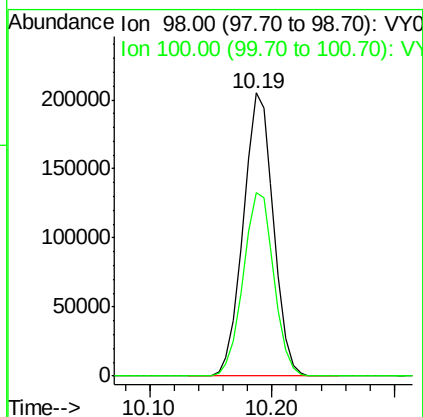
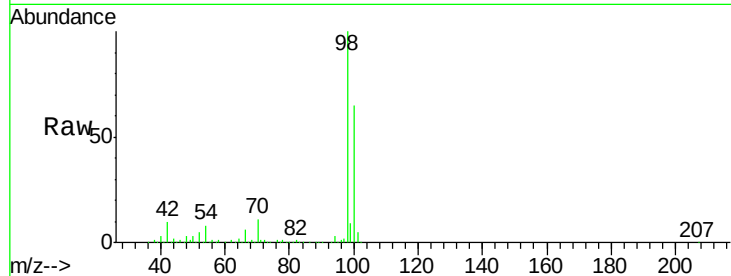




#50
Toluene-d8
Concen: 48.122 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002345.D
Acq: 15 Apr 2020 18:19

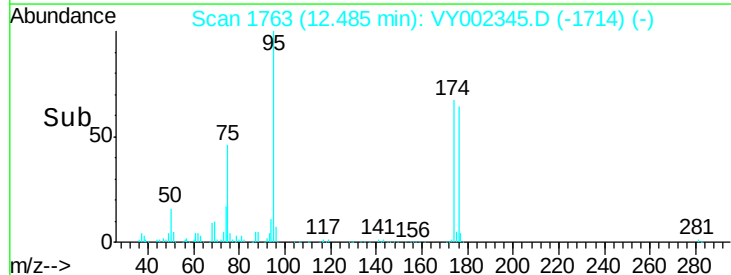
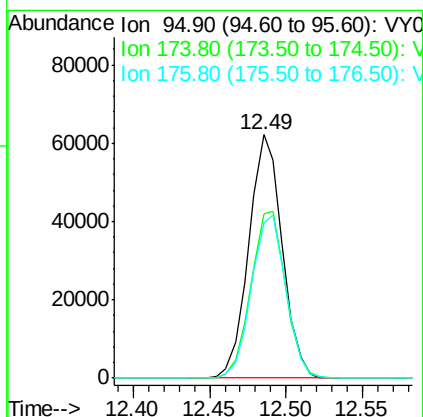
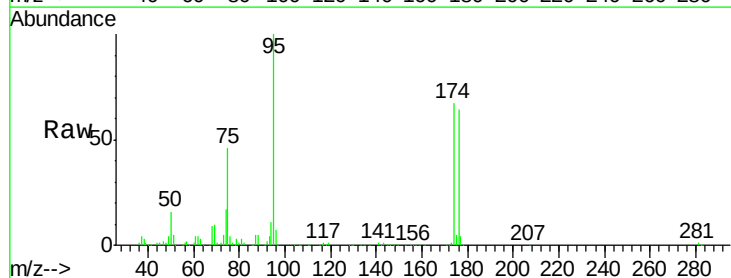
Instrument :
MSVOA_Y
ClientSampled :
TP-45

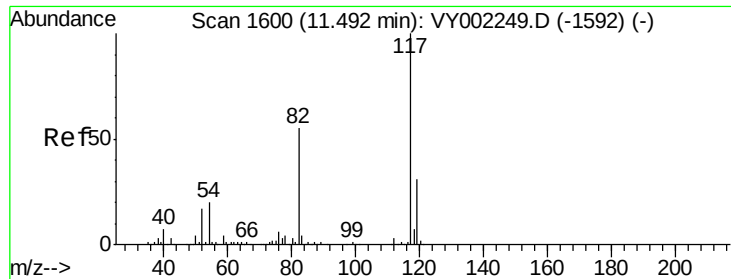
Tot Ion: 98 Resp: 349636
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 39.273 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002345.D
Acq: 15 Apr 2020 18:19

Tgt Ion: 95 Resp: 94140
Ion Ratio Lower Upper
95 100
174 71.3 0.0 150.6
176 69.2 0.0 141.4

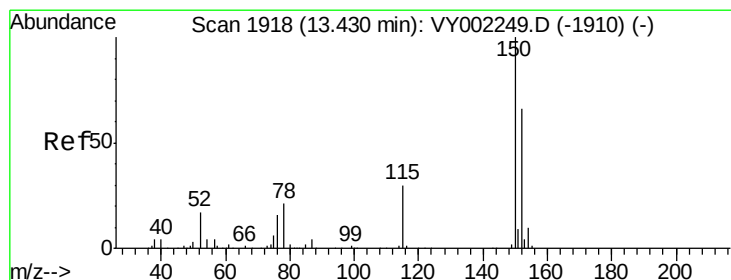
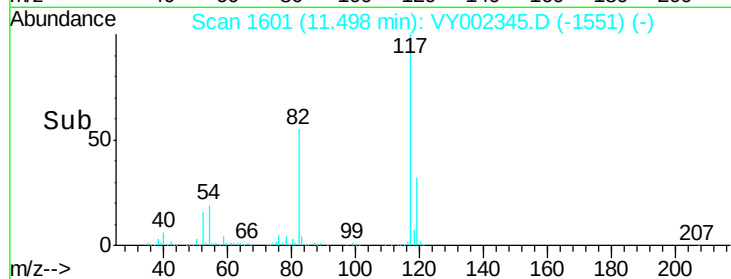
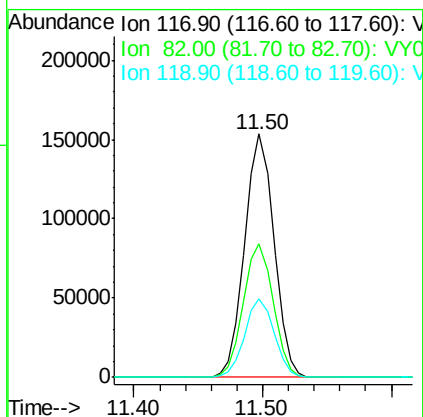
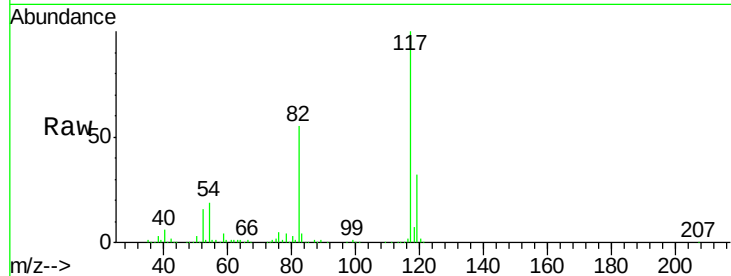




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002345.D
Acq: 15 Apr 2020 18:19

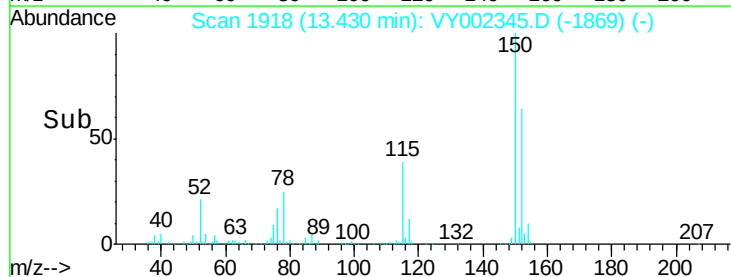
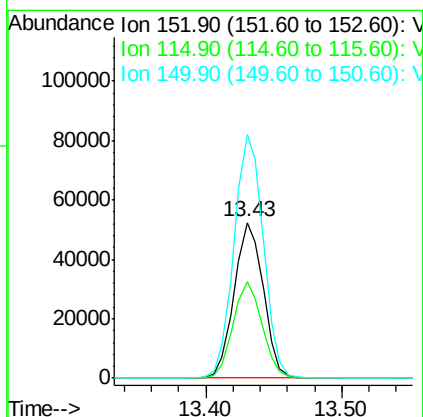
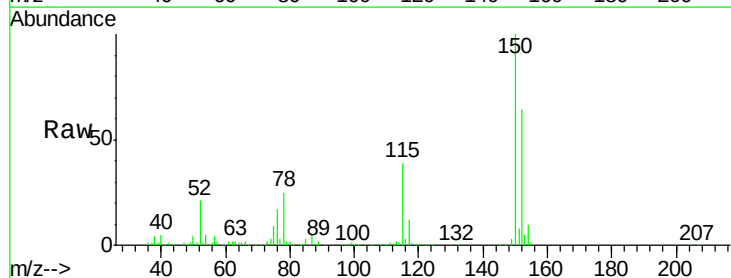
Instrument :
MSVOA_Y
ClientSampleId :
TP-45

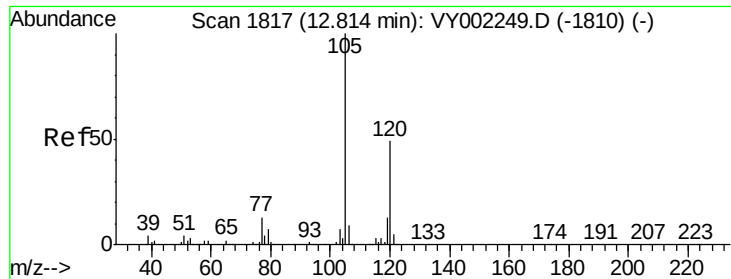
Tot Ion:117 Resp: 241922
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002345.D
Acq: 15 Apr 2020 18:19

Tgt Ion:152 Resp: 77776
Ion Ratio Lower Upper
152 100
115 62.3 30.7 92.1
150 158.0 0.0 350.6





#80

1,3,5-Trimethylbenzene

Concen: 1.162 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002345.D

Acq: 15 Apr 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

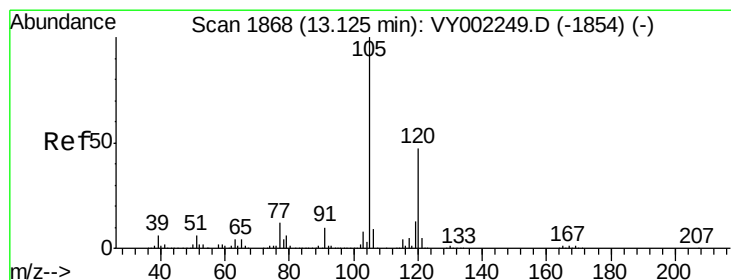
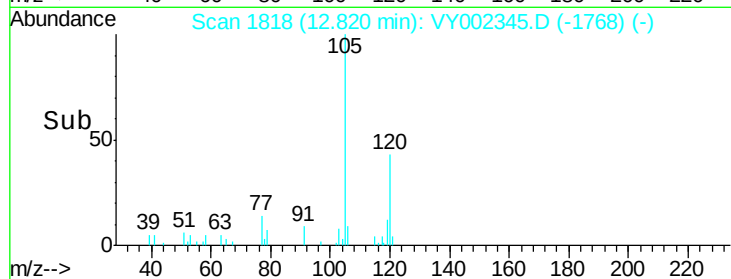
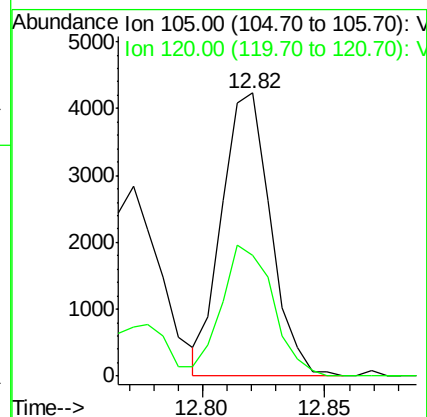
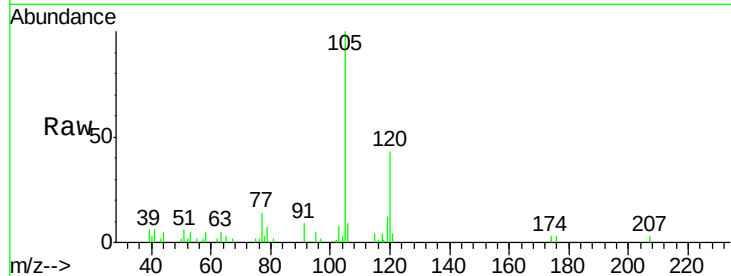
TP-45

Tot Ion:105 Resp: 5873

Ion Ratio Lower Upper

105 100

120 48.3 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 2.445 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002345.D

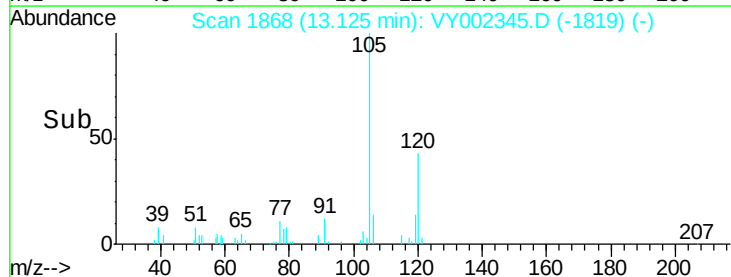
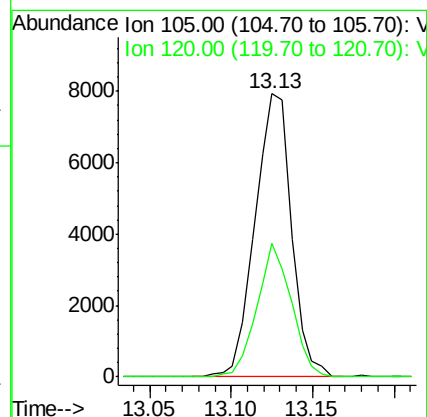
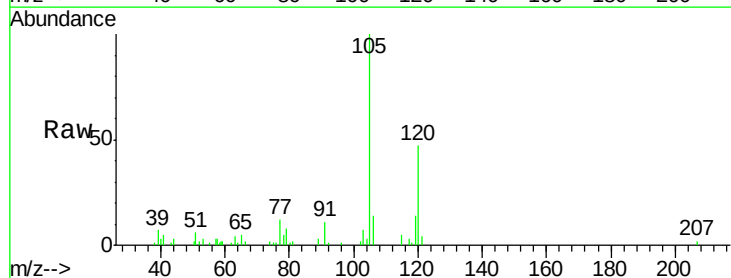
Acq: 15 Apr 2020 18:19

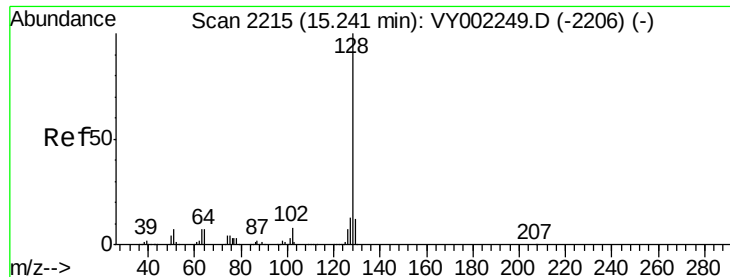
Tgt Ion:105 Resp: 12338

Ion Ratio Lower Upper

105 100

120 44.4 23.1 69.2





#95

Naphthalene

Concen: 1.507 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002345.D

Acq: 15 Apr 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-45

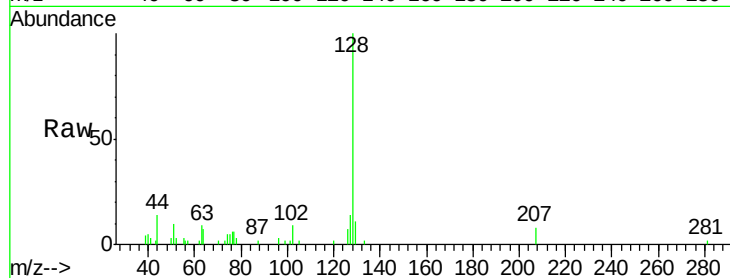
Tot Ion:128 Resp: 5105

Ion Ratio Lower Upper

128 100

127 13.6 10.1 15.1

129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

