

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002415.D
 Acq On : 17 Apr 2020 21:10
 Operator : SY/MD
 Sample : L2283-07
 Misc : 4.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-1-2

Quant Time: Apr 18 07:59:27 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

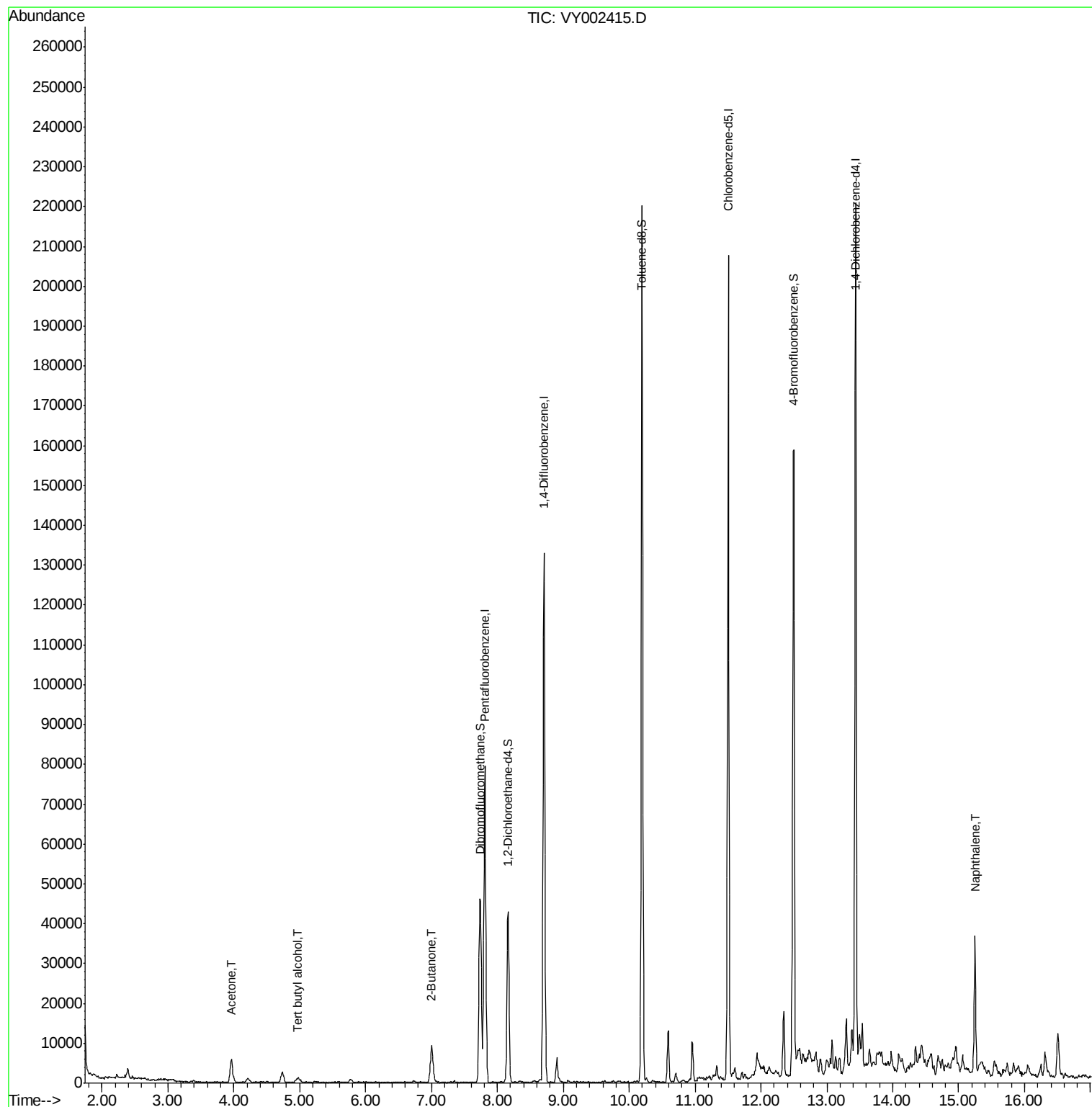
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	62807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	122965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	121497	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	55896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	30348	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
35) Dibromofluoromethane	7.74	113	34987	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	10.19	98	148298	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.49	95	50582	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.98	59	2811	4.957	ug/l #	90
16) Acetone	3.97	43	9312	50.619	ug/l	95
25) 2-Butanone	7.00	43	4510	15.491	ug/l	93
95) Naphthalene	15.25	128	27560	11.319	ug/l	99

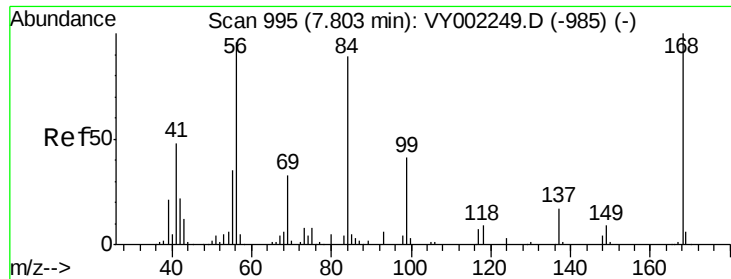
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002415.D

Acq: 17 Apr 2020 21:10

Instrument :

MSVOA_Y

ClientSampleId :

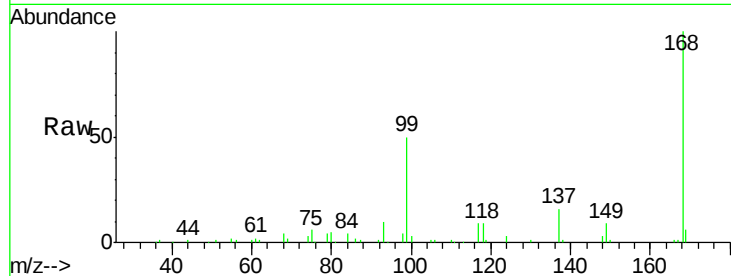
WB-1-2

Tot Ion:168 Resp: 62807

Ion Ratio Lower Upper

168 100

99 50.4 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

30000

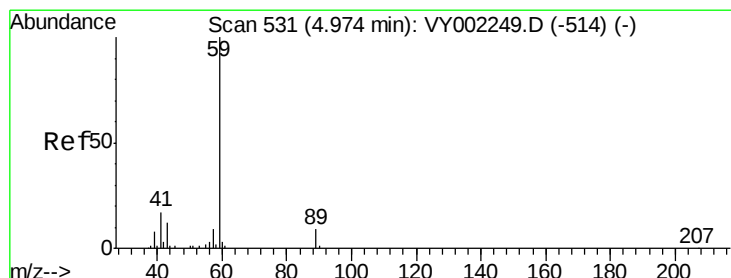
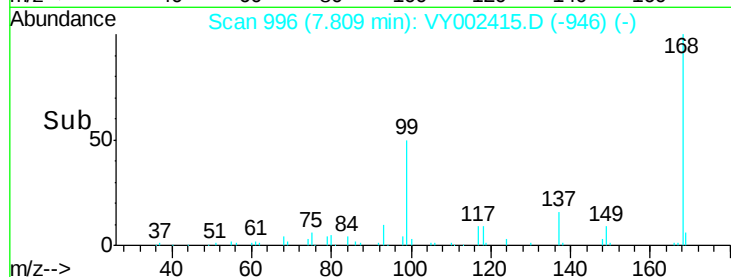
20000

10000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 4.957 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY002415.D

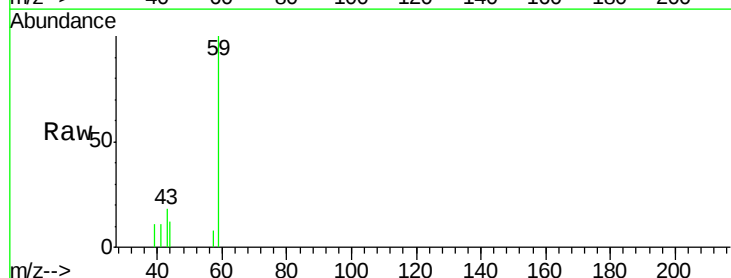
Acq: 17 Apr 2020 21:10

Tgt Ion: 59 Resp: 2811

Ion Ratio Lower Upper

59 100

57 4.6 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.98

1000

800

600

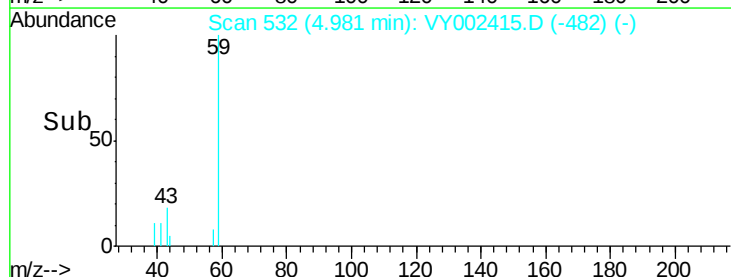
400

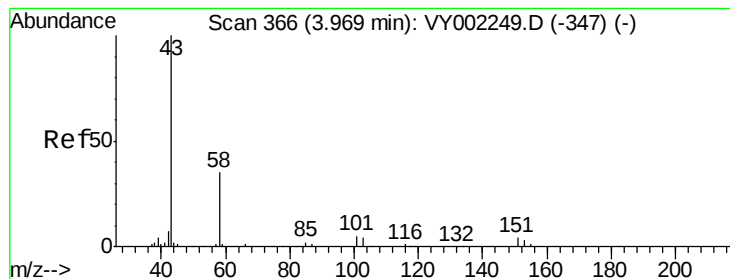
200

0

Time-->

4.85 4.90 4.95 5.00 5.05





#16

Acetone

Concen: 50.619 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

Instrument :

MSVOA_Y

ClientSampleId :

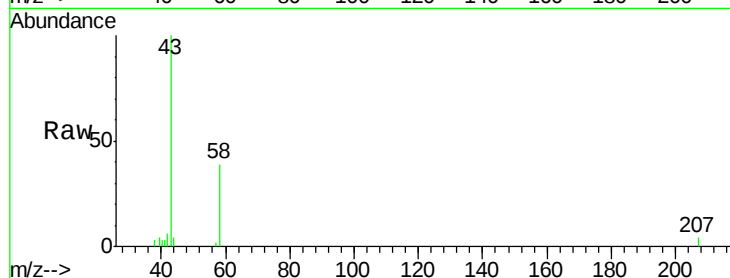
WB-1-2

Tot Ion: 43 Resp: 9312

Ion Ratio Lower Upper

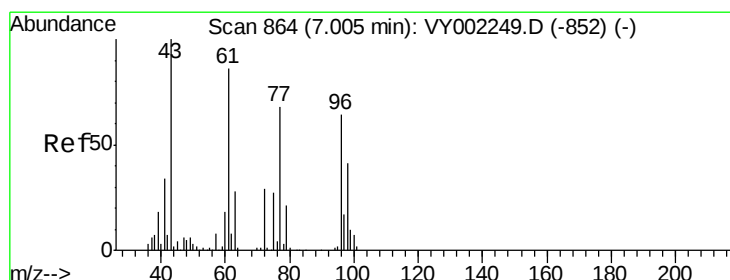
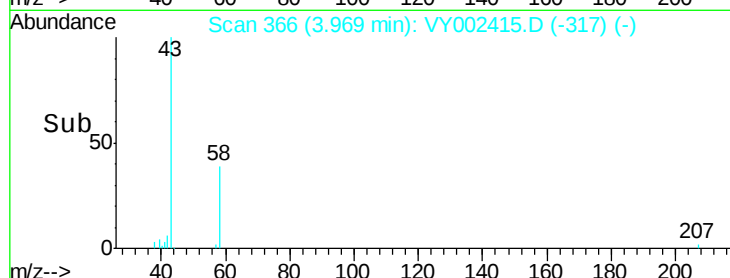
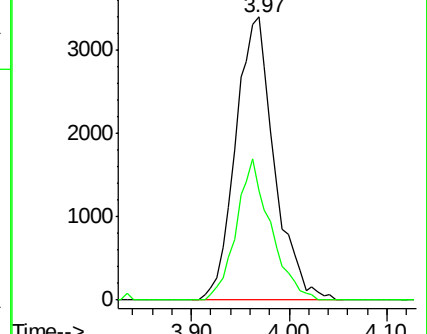
43 100

58 38.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 15.491 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002415.D

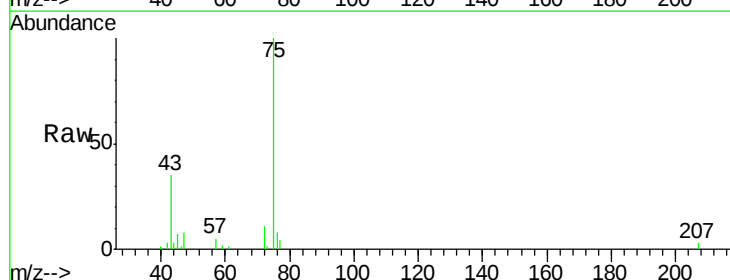
Acq: 17 Apr 2020 21:10

Tgt Ion: 43 Resp: 4510

Ion Ratio Lower Upper

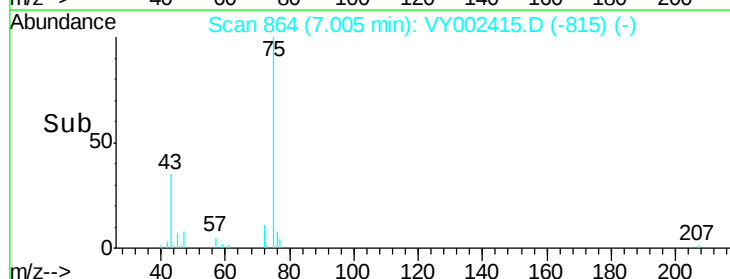
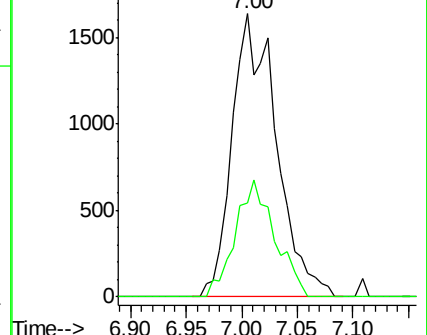
43 100

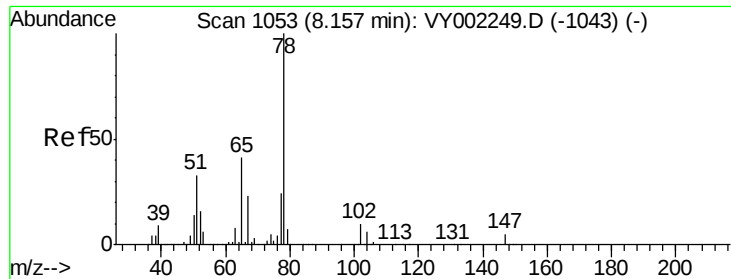
72 33.0 23.2 34.8



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: 43.450 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

Instrument :

MSVOA_Y

ClientSampleId :

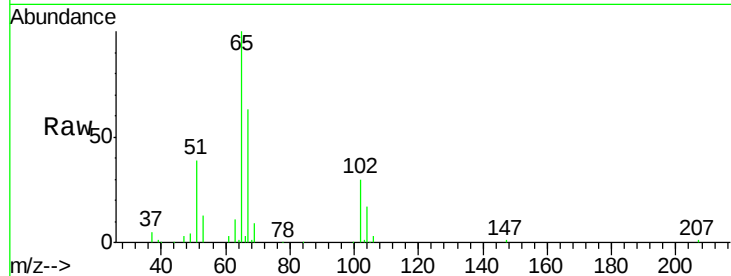
WB-1-2

Tot Ion: 65 Resp: 30348

Ion Ratio Lower Upper

65 100

67 59.1 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

15000

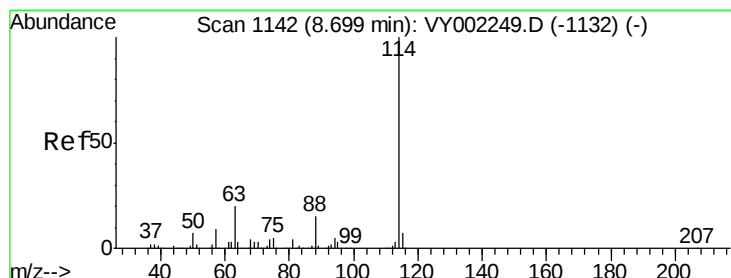
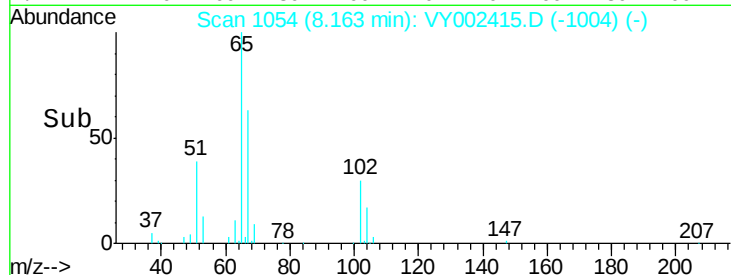
10000

5000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

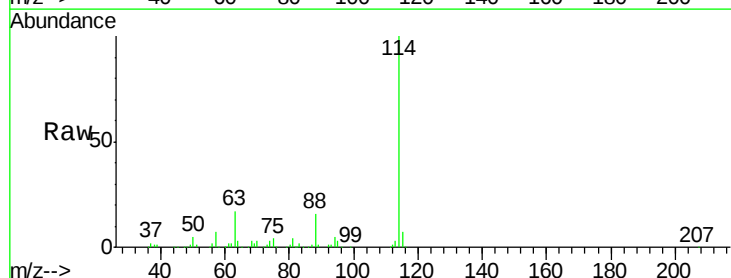
Tgt Ion: 114 Resp: 122965

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.0

88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VY002249.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY002249.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY002249.D (-1132) (-)

8.71

80000

60000

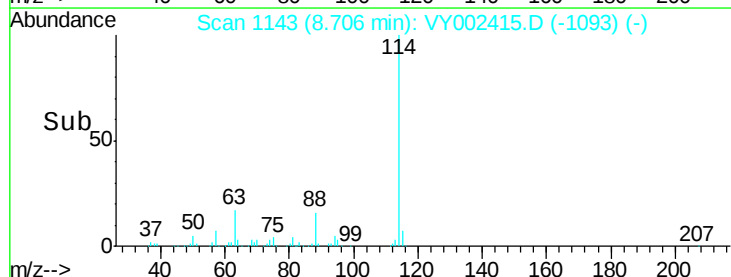
40000

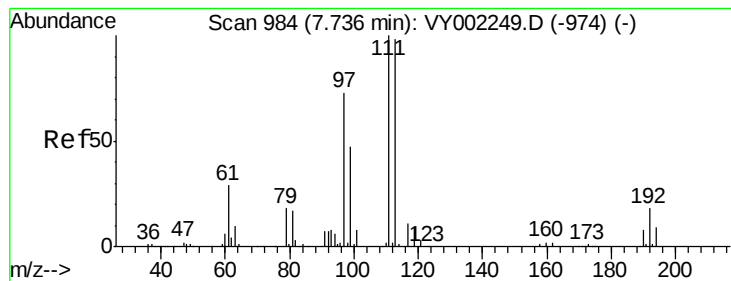
20000

0

Time-->

8.60 8.65 8.70 8.75 8.80





#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

Instrument :

MSVOA_Y

ClientSampleId :

WB-1-2

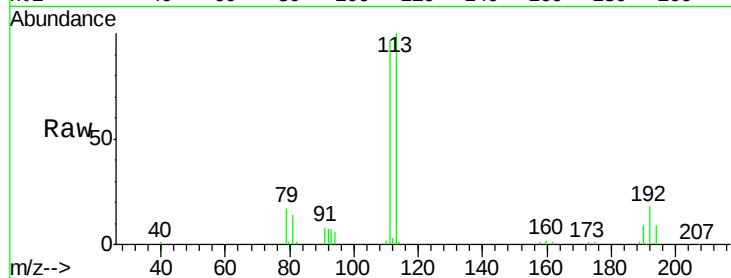
Tot Ion:113 Resp: 34987

Ion Ratio Lower Upper

113 100

111 103.4 83.5 125.3

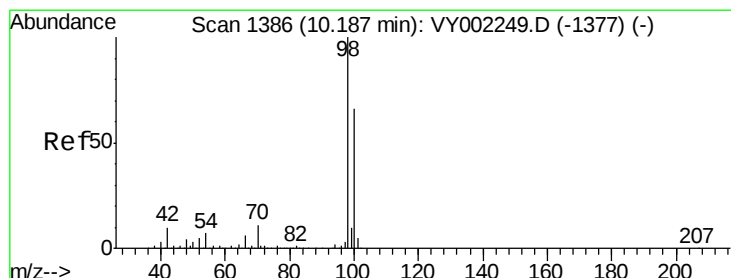
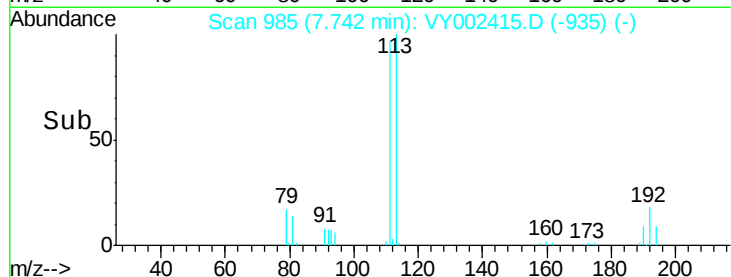
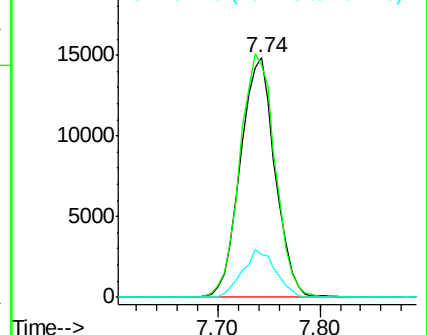
192 19.1 14.7 22.1



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: 48.423 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002415.D

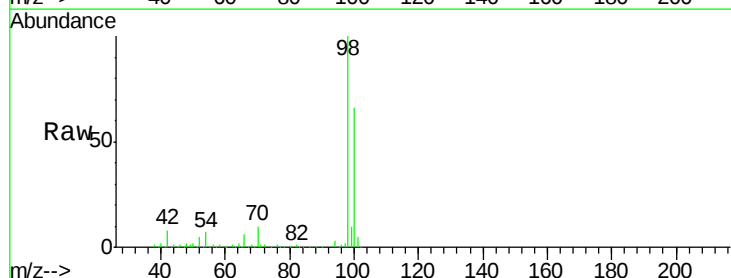
Acq: 17 Apr 2020 21:10

Tgt Ion: 98 Resp: 148298

Ion Ratio Lower Upper

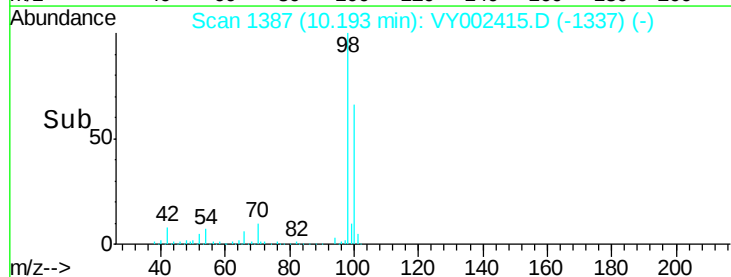
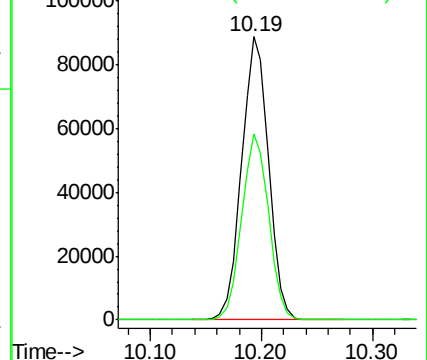
98 100

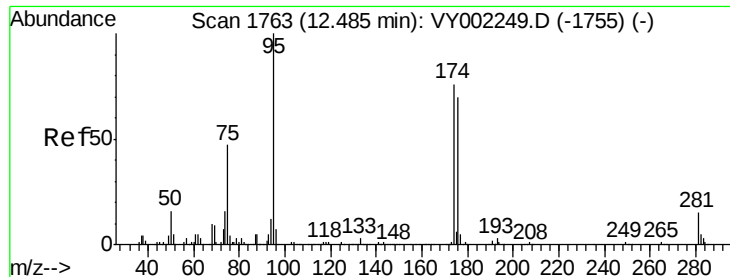
100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 50.063 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

Instrument :

MSVOA_Y

ClientSampleId :

WB-1-2

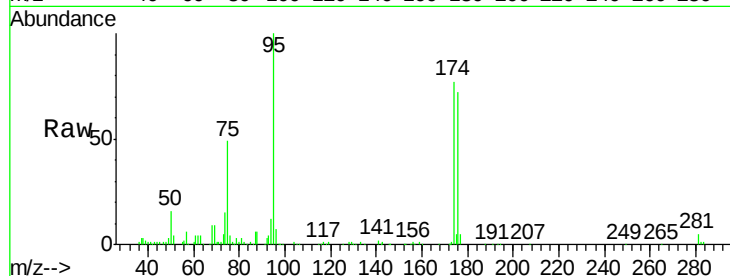
Tot Ion: 95 Resp: 50582

Ion Ratio Lower Upper

95 100

174 82.2 0.0 150.6

176 77.7 0.0 141.4

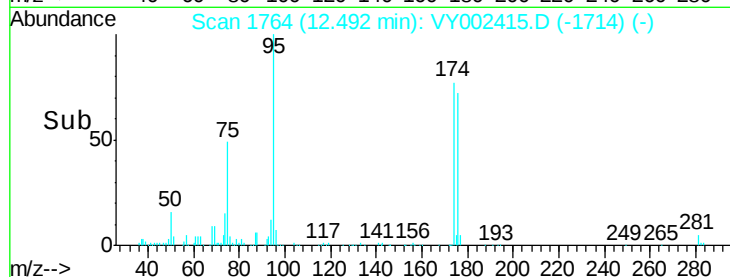


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->

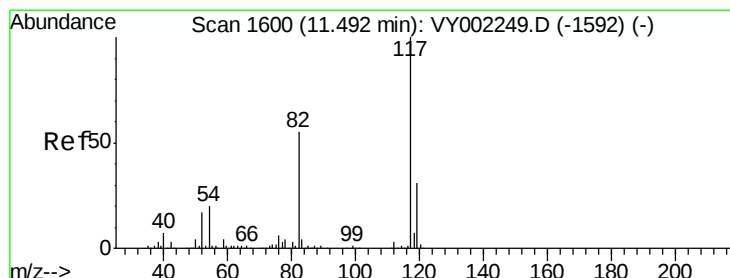


Abundance Ion 94.90 (94.60 to 95.60): VY002415.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002415.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002415.D (-1714) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

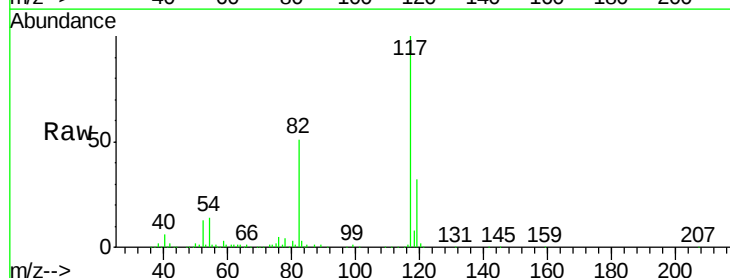
Tgt Ion: 117 Resp: 121497

Ion Ratio Lower Upper

117 100

82 50.8 44.2 66.4

119 31.7 25.1 37.7

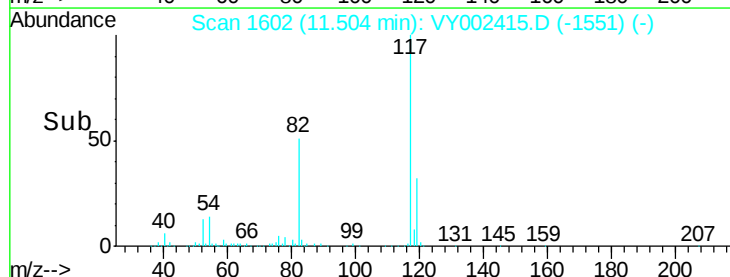


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->

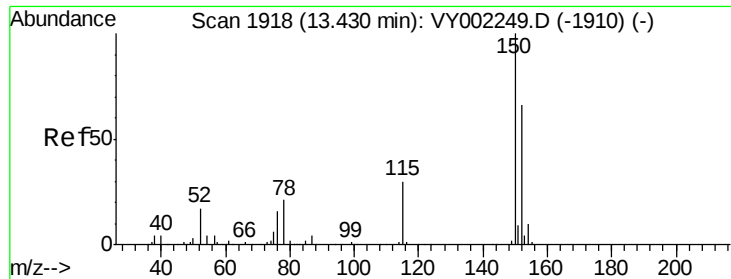


Abundance Ion 116.90 (116.60 to 117.60): VY002415.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002415.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002415.D (-1551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

Instrument :

MSVOA_Y

ClientSampleId :

WB-1-2

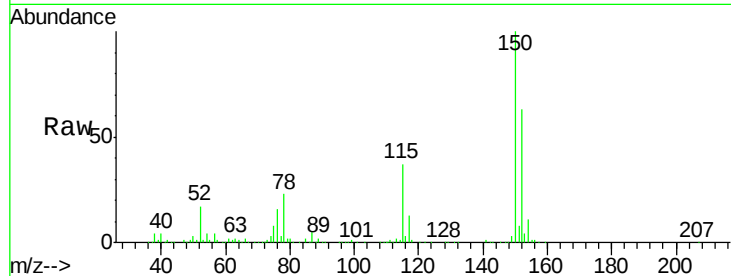
Tot Ion:152 Resp: 55896

Ion Ratio Lower Upper

152 100

115 58.9 30.7 92.1

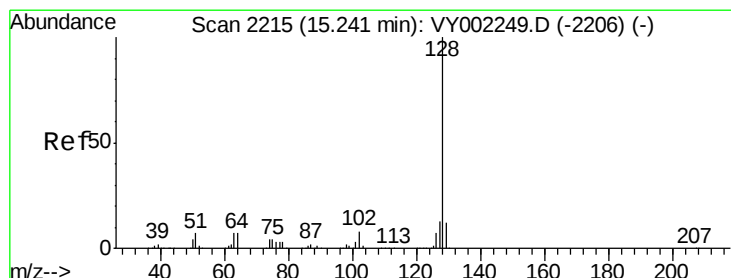
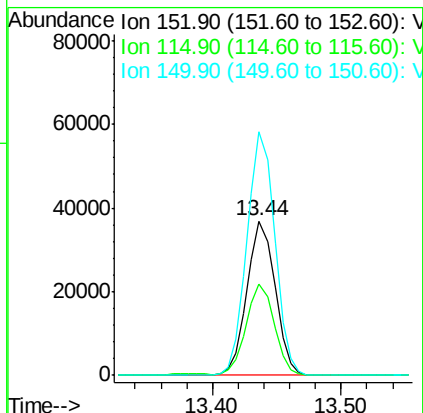
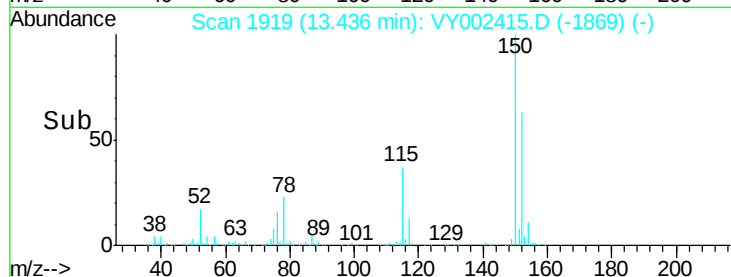
150 155.6 0.0 350.6



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



#95

Naphthalene

Concen: 11.319 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002415.D

Acq: 17 Apr 2020 21:10

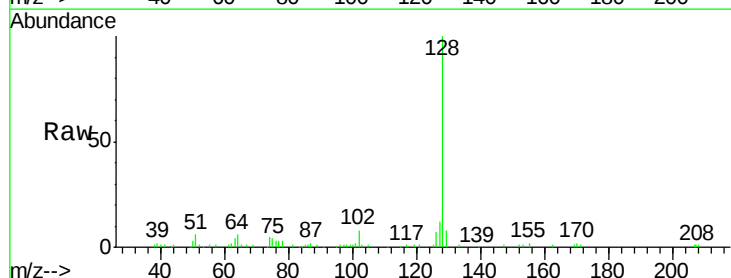
Tgt Ion:128 Resp: 27560

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.4 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

