

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001940.D
 Acq On : 11 Mar 2020 14:04
 Operator : SY/MD
 Sample : L1887-01
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-TP

Quant Time: Mar 12 02:18:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

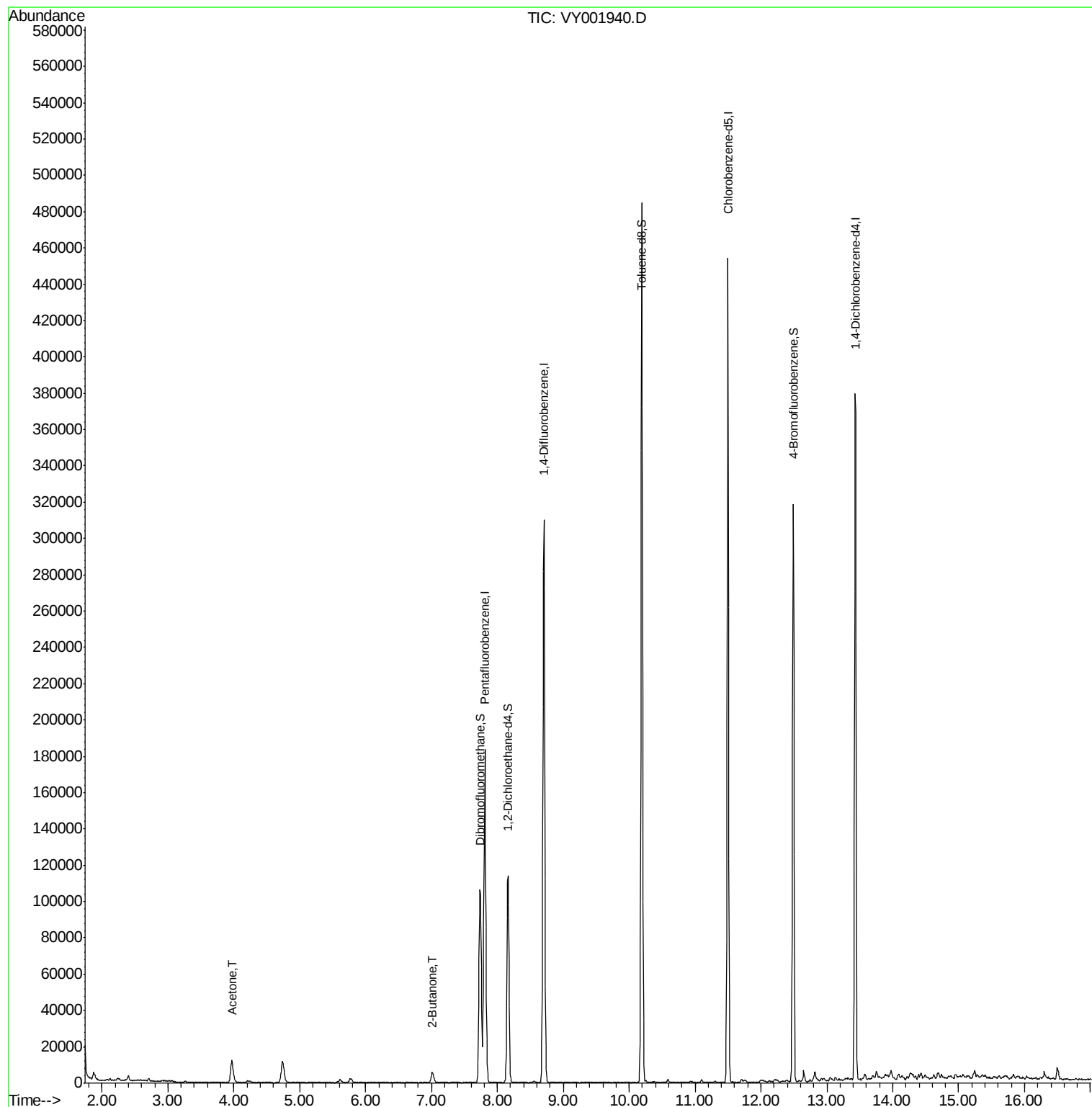
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	135696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	263306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	236879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	93113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84407	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	
35) Dibromofluoromethane	7.74	113	77976	54.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	10.19	98	318499	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.49	95	100761	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
Target Compounds						
16) Acetone	3.97	43	22192	52.596	ug/l	94
25) 2-Butanone	7.01	43	9604	14.968	ug/l	96

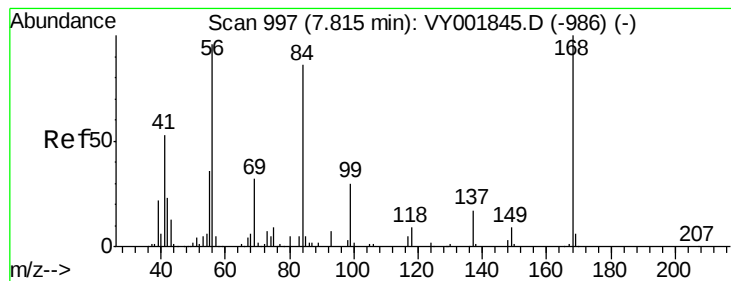
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001940.D

Acq: 11 Mar 2020 14:04

Instrument :

MSVOA_Y

ClientSampled :

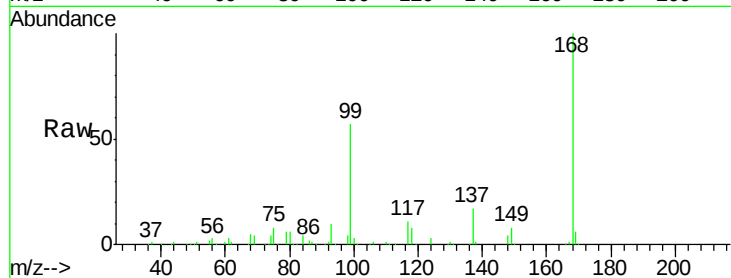
CL-TP

Tot Ion:168 Resp: 135696

Ion Ratio Lower Upper

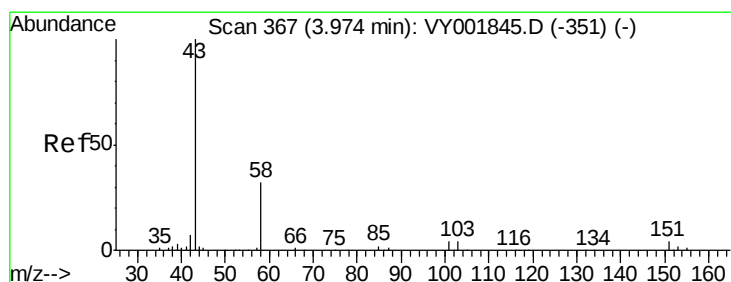
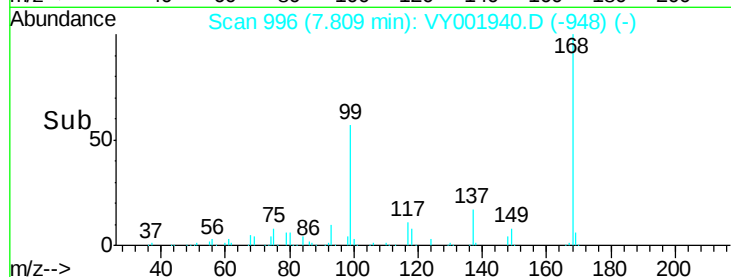
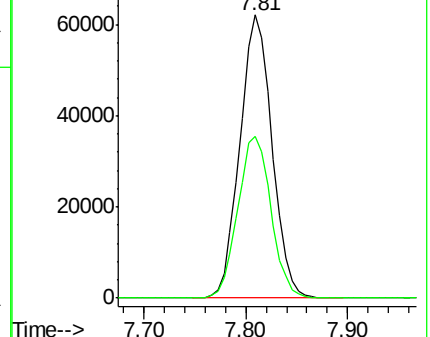
168 100

99 57.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 52.596 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001940.D

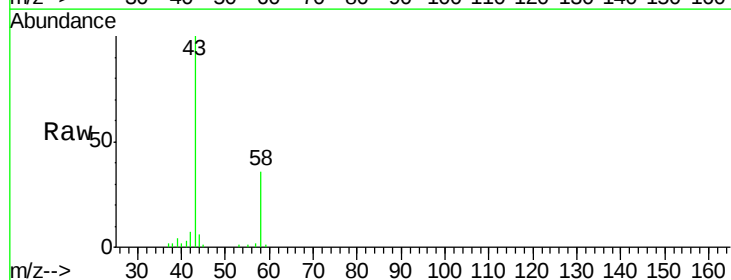
Acq: 11 Mar 2020 14:04

Tgt Ion: 43 Resp: 22192

Ion Ratio Lower Upper

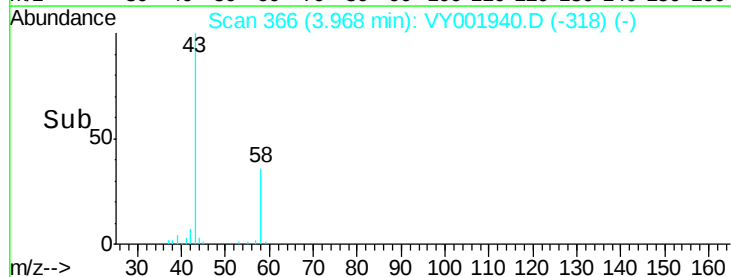
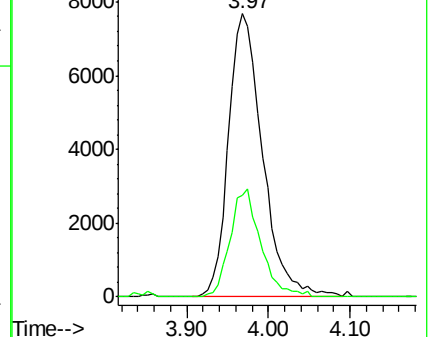
43 100

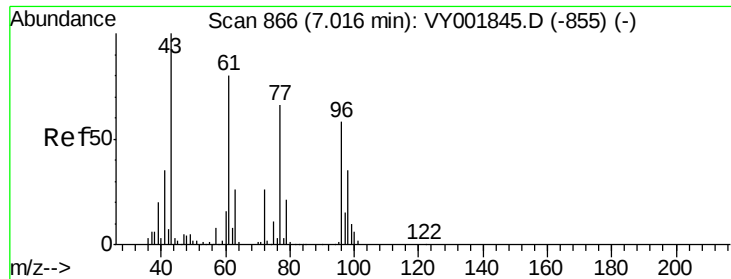
58 35.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#25

2-Butanone

Concen: 14.968 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

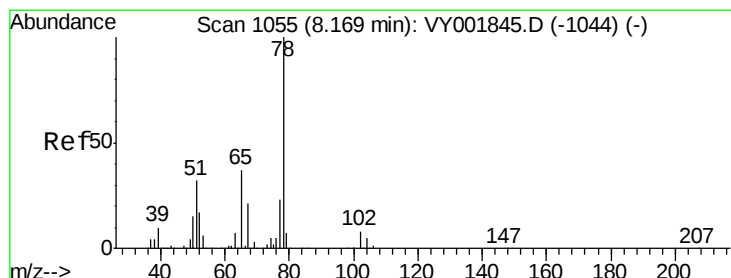
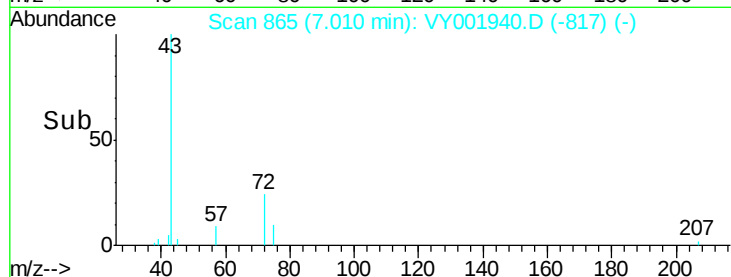
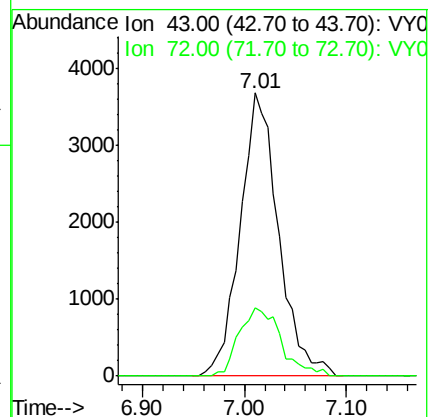
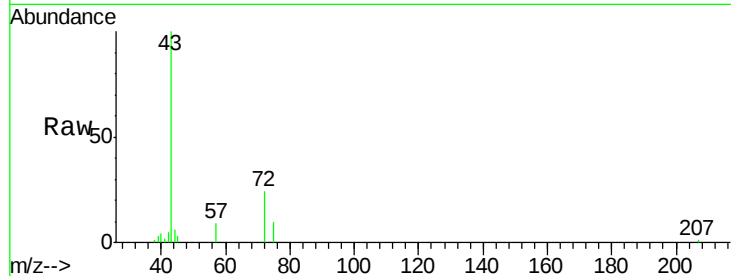
CL-TP

Tot Ion: 43 Resp: 9604

Ion Ratio Lower Upper

43 100

72 23.9 20.9 31.3



#33

1,2-Dichloroethane-d4

Concen: 58.266 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001940.D

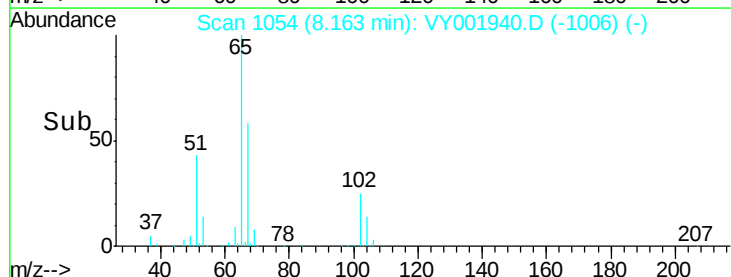
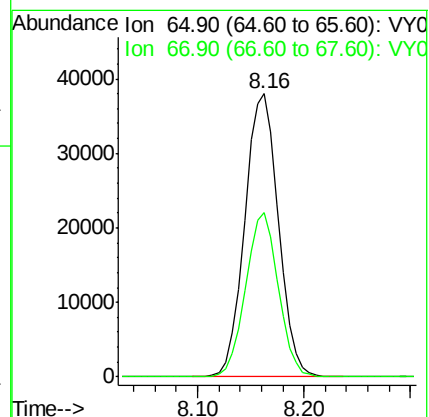
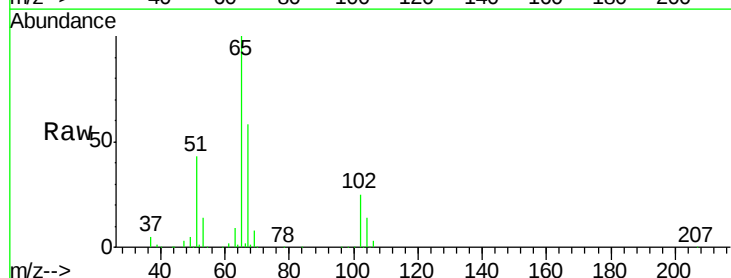
Acq: 11 Mar 2020 14:04

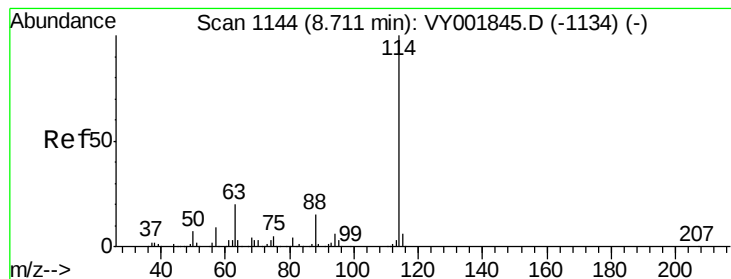
Tgt Ion: 65 Resp: 84407

Ion Ratio Lower Upper

65 100

67 56.2 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

CL-TP

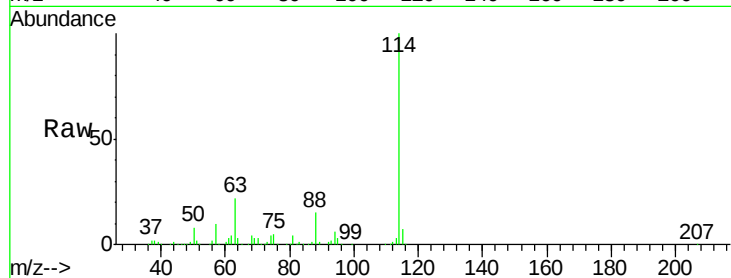
Tot Ion:114 Resp: 263306

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.4

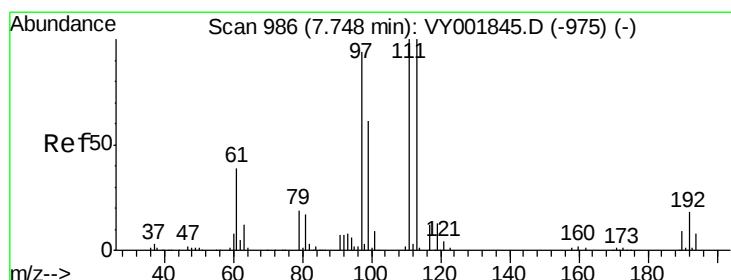
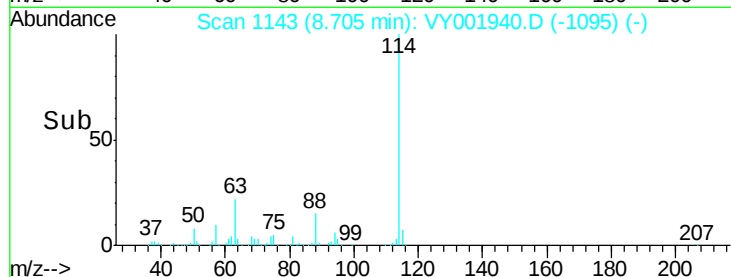
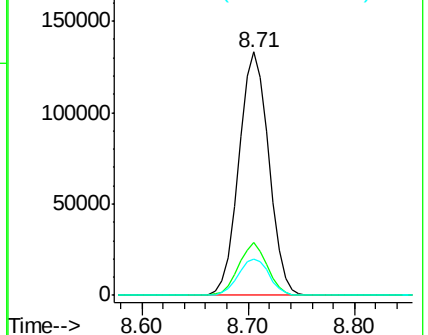
88 15.1 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 54.234 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

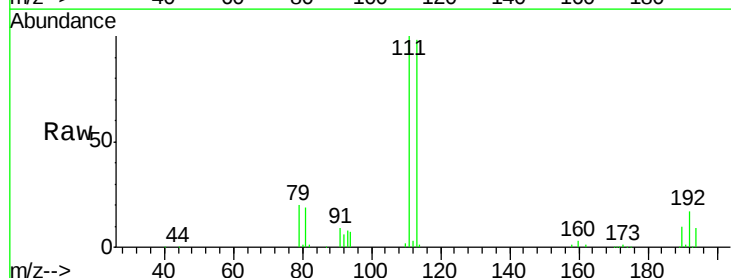
Tgt Ion:113 Resp: 77976

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

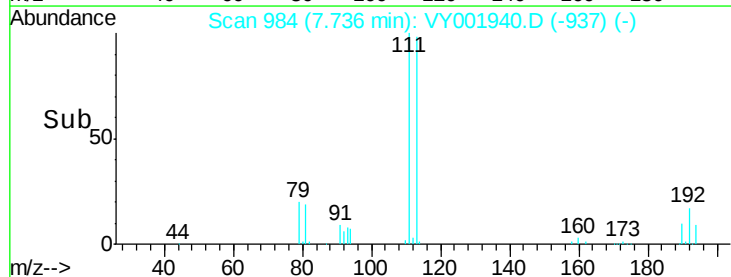
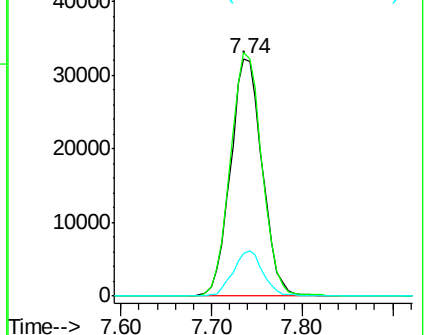
192 17.9 14.2 21.2

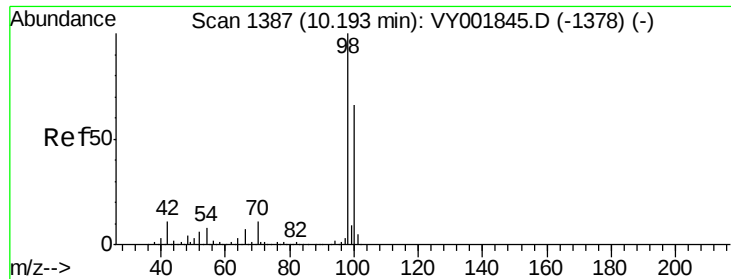


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.533 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

Instrument :

MSVOA_Y

ClientSampled :

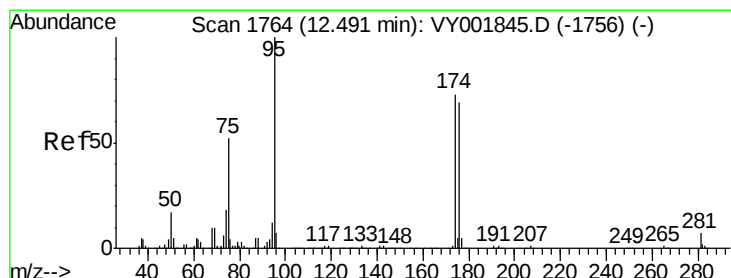
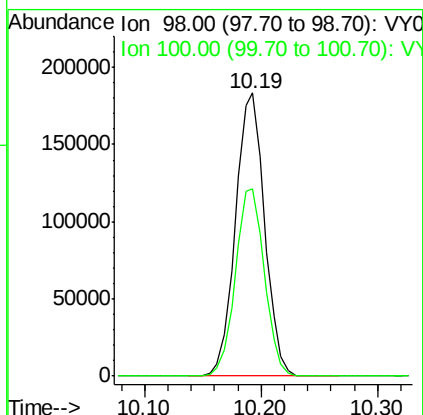
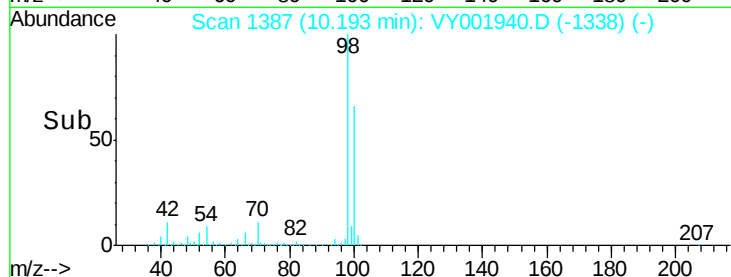
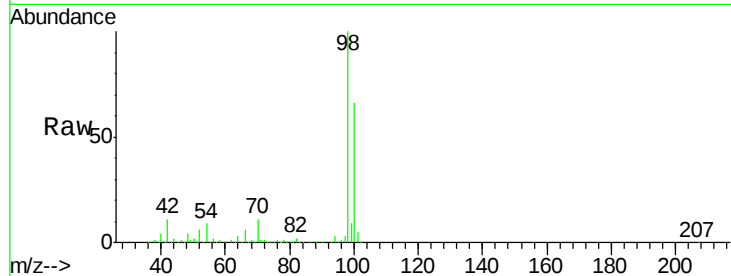
CL-TP

Tot Ion: 98 Resp: 318499

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.797 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

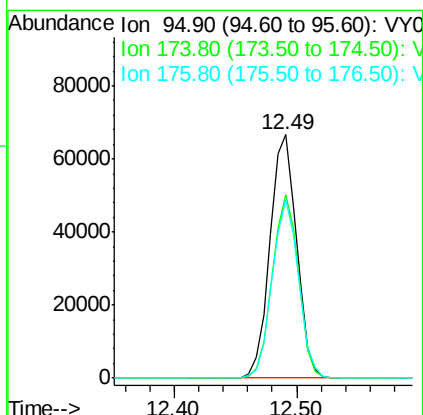
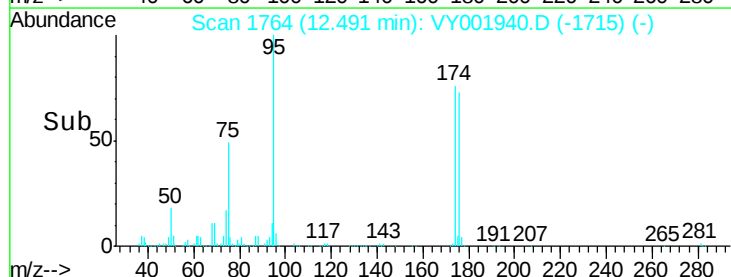
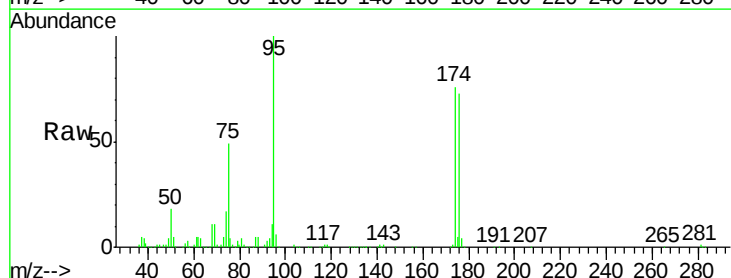
Tgt Ion: 95 Resp: 100761

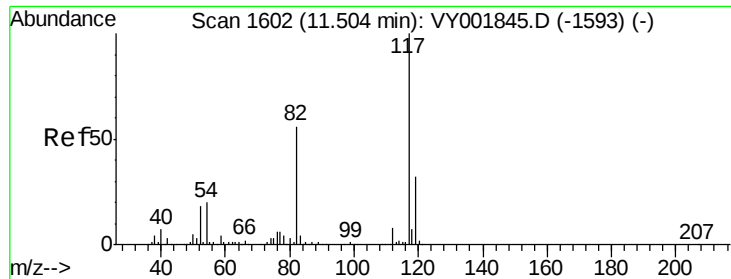
Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.0

176 72.0 0.0 137.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

CL-TP

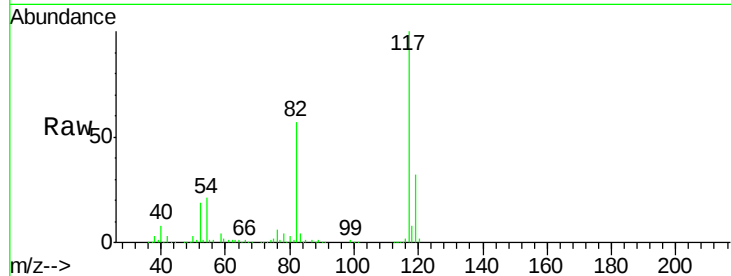
Tot Ion:117 Resp: 236879

Ion Ratio Lower Upper

117 100

82 56.7 44.5 66.7

119 31.9 25.7 38.5



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

11.50

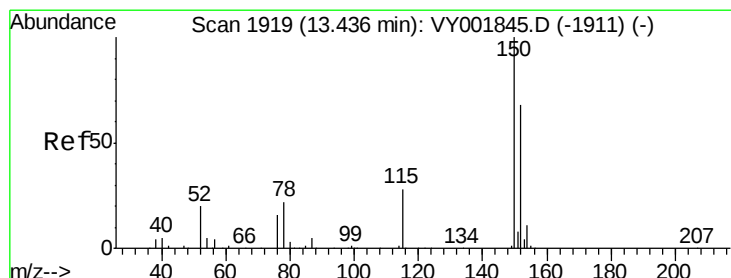
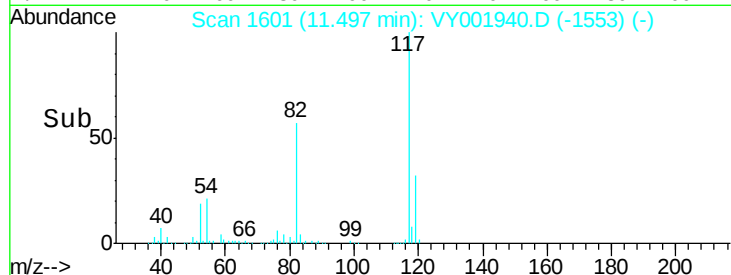
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001940.D

Acq: 11 Mar 2020 14:04

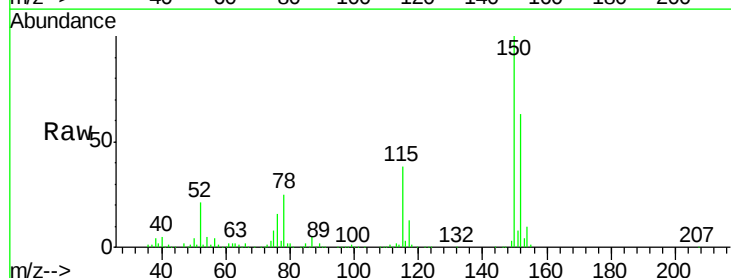
Tgt Ion:152 Resp: 93113

Ion Ratio Lower Upper

152 100

115 60.7 29.9 89.7

150 158.5 0.0 340.6



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

13.44

120000

100000

80000

60000

40000

20000

0

Time--> 13.40 13.50

