

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001618.D
 Acq On : 12 Feb 2020 18:19
 Operator : SY/MD
 Sample : TEST-03
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 08:24:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

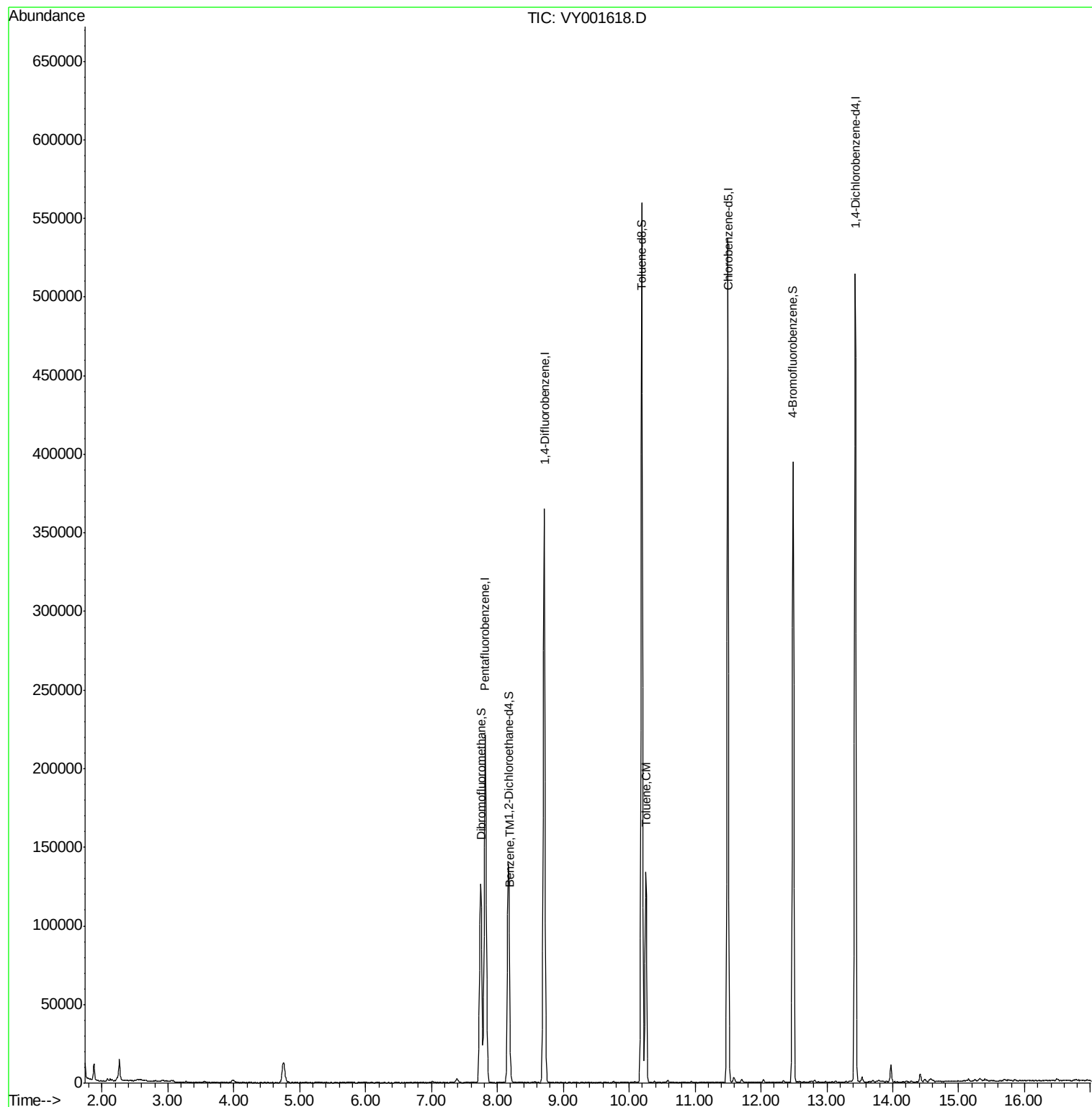
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170346	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	309997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	101496	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
35) Dibromofluoromethane	7.75	113	90298	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.19	98	370948	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.49	95	128008	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
40) Benzene	8.19	78	11487	1.420	ug/l	95
52) Toluene	10.25	92	55985	10.908	ug/l	98

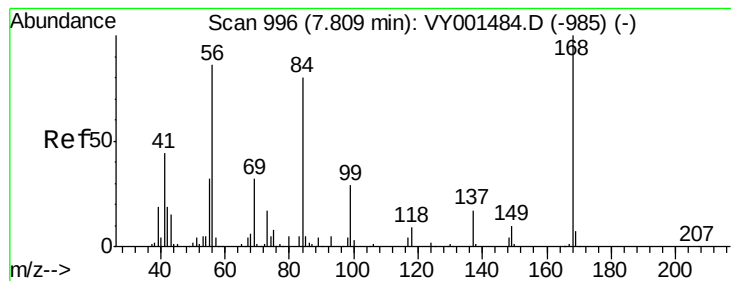
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001618.D

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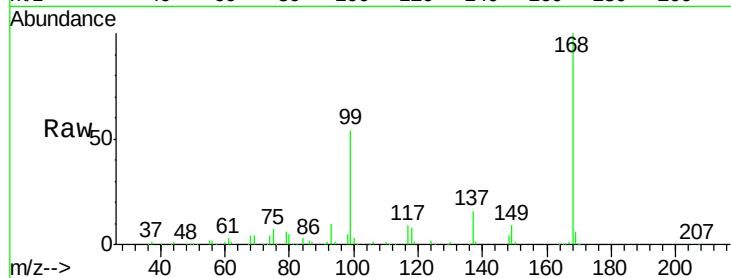
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 170346

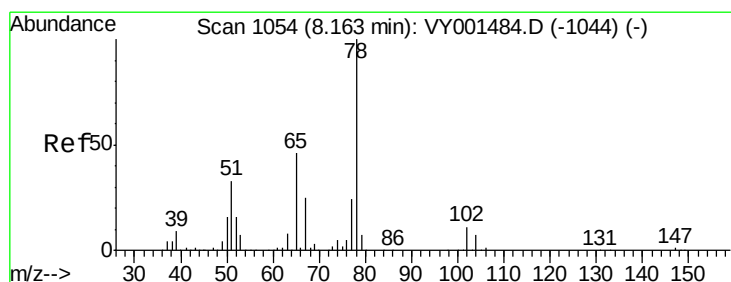
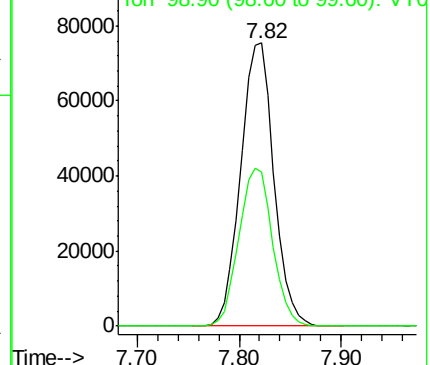
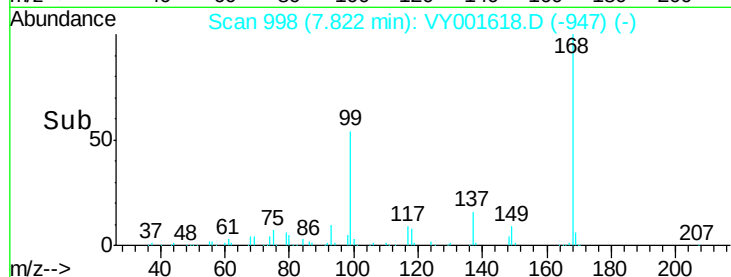
Ion Ratio Lower Upper

168 100

99 54.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001618.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.177 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001618.D

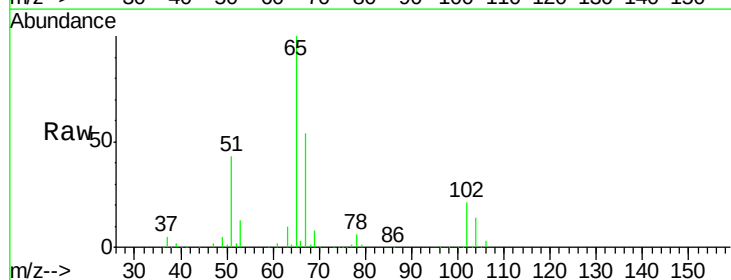
Acq: 12 Feb 2020 18:19

Tgt Ion: 65 Resp: 101496

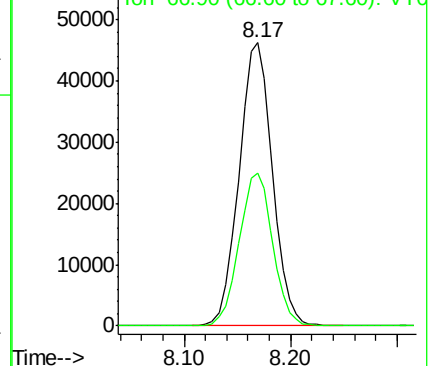
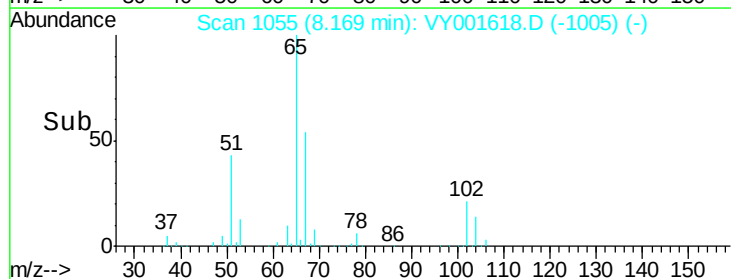
Ion Ratio Lower Upper

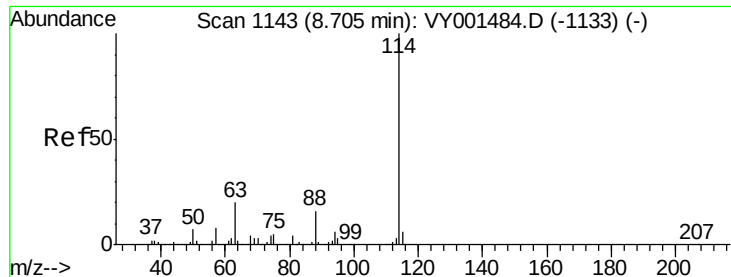
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001618.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

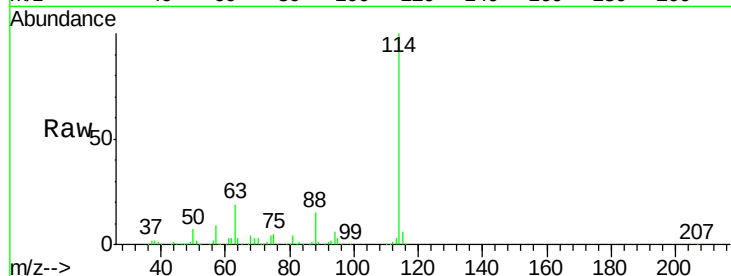
Tot Ion:114 Resp: 309997

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

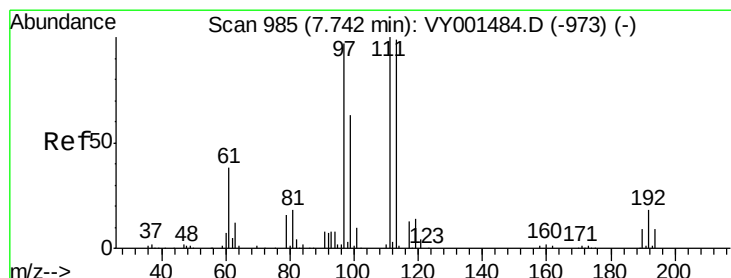
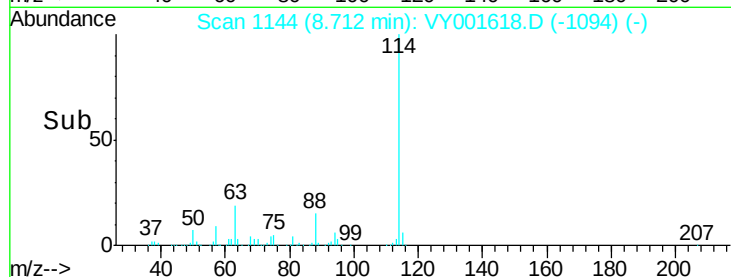
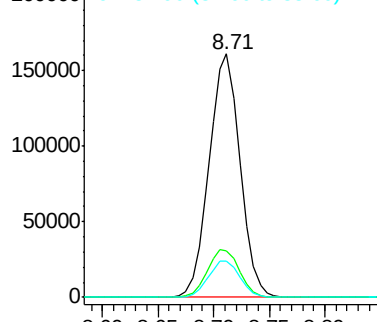
88 15.0 0.0 32.6



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: 50.514 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

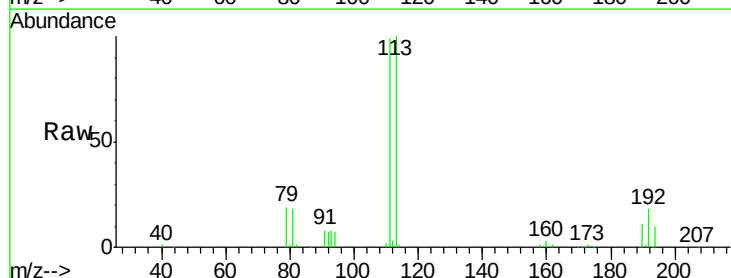
Tgt Ion:113 Resp: 90298

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

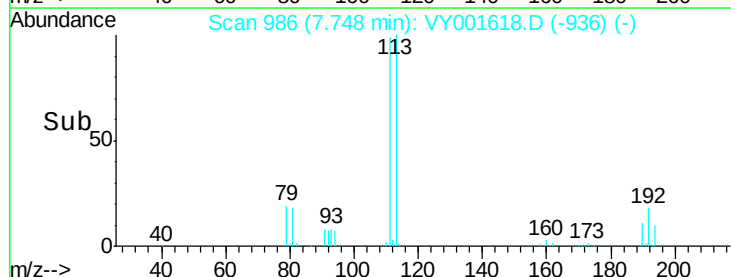
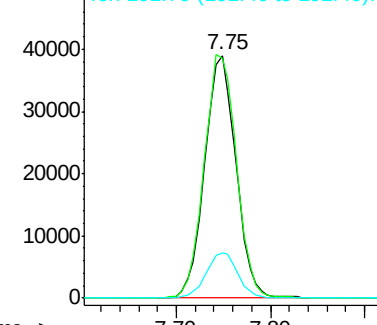
192 18.9 14.6 22.0

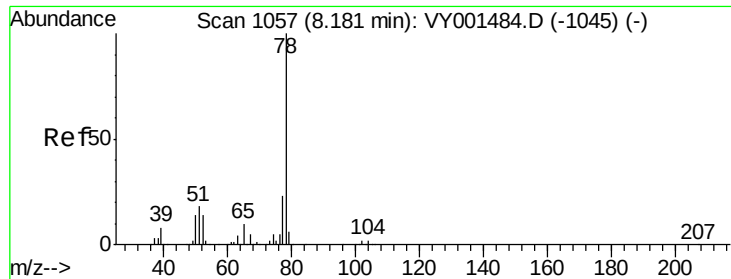


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.420 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

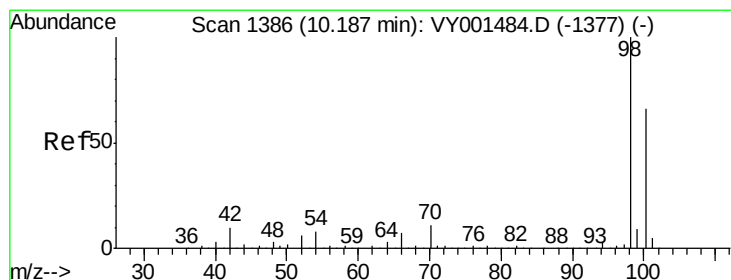
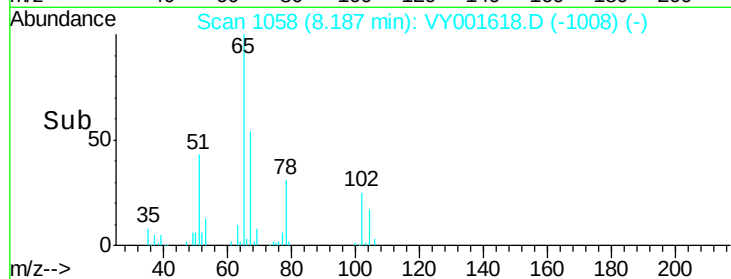
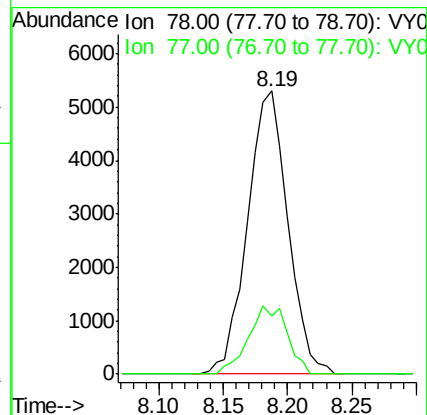
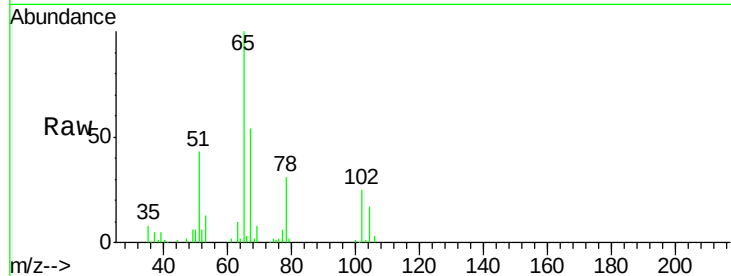
ClientSampleId :

Tot Ion: 78 Resp: 11487

Ion Ratio Lower Upper

78 100

77 20.7 18.5 27.7



#50

Toluene-d8

Concen: 54.848 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001618.D

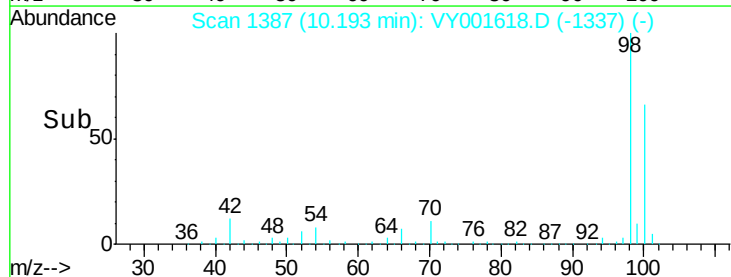
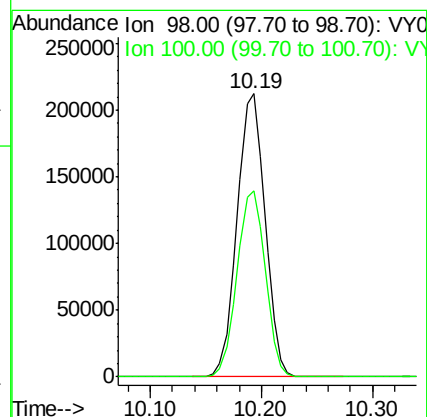
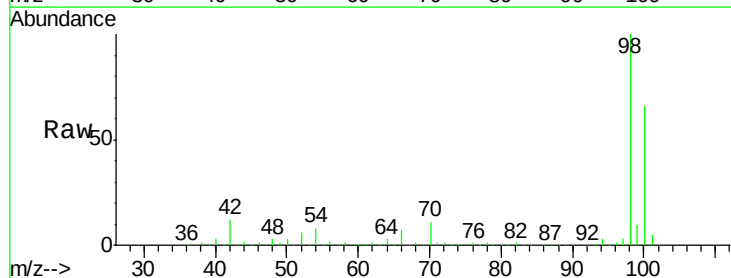
Acq: 12 Feb 2020 18:19

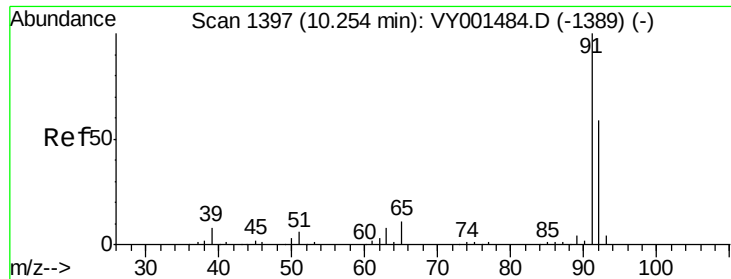
Tgt Ion: 98 Resp: 370948

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6





#52

Toluene

Concen: 10.908 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

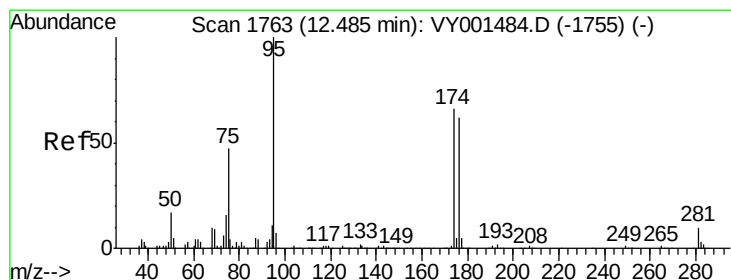
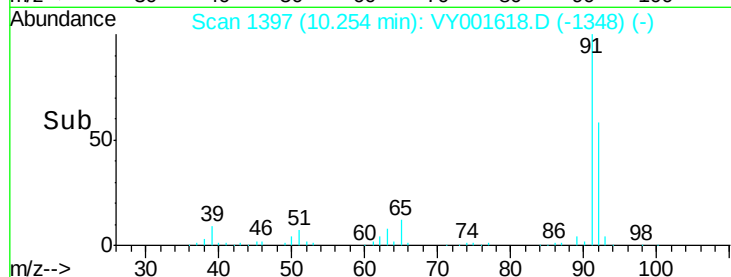
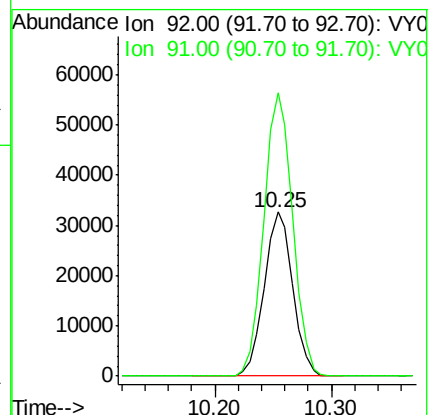
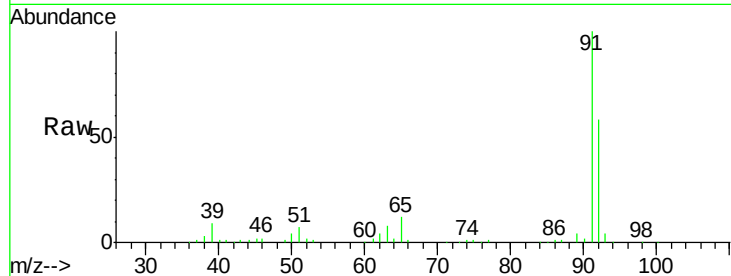
ClientSampleId :

Tot Ion: 92 Resp: 55985

Ion Ratio Lower Upper

92 100

91 173.6 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 48.045 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

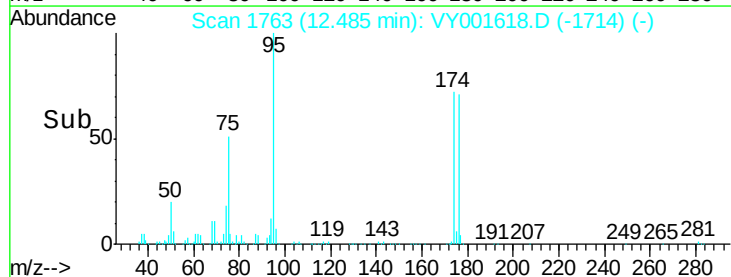
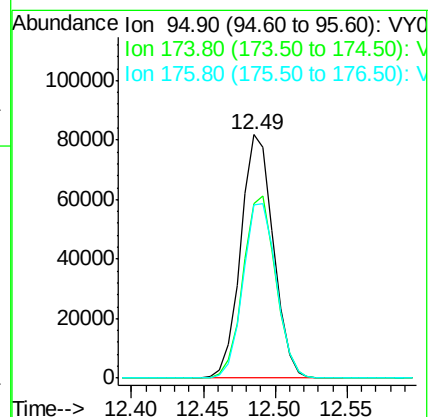
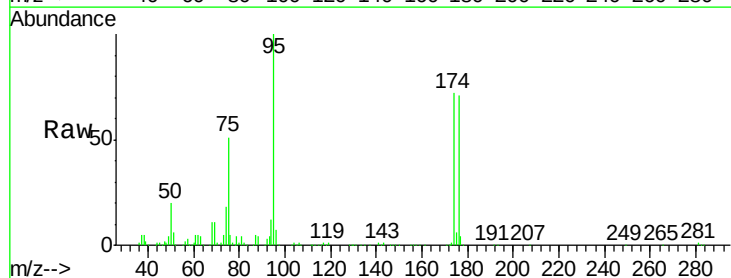
Tgt Ion: 95 Resp: 128008

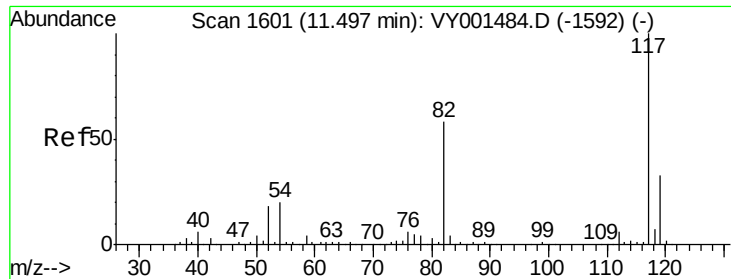
Ion Ratio Lower Upper

95 100

174 74.8 0.0 141.4

176 73.4 0.0 135.4

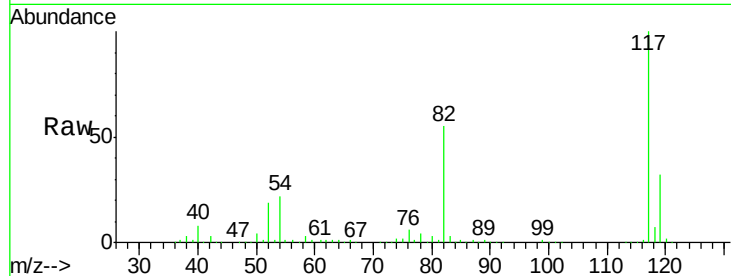




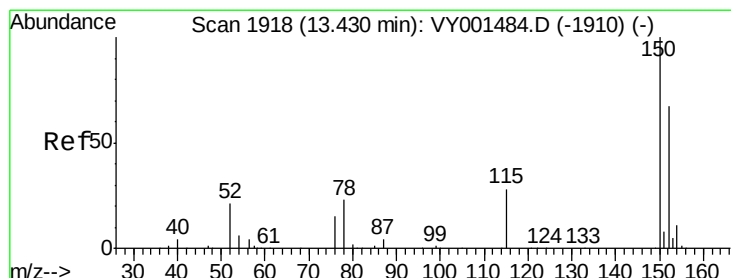
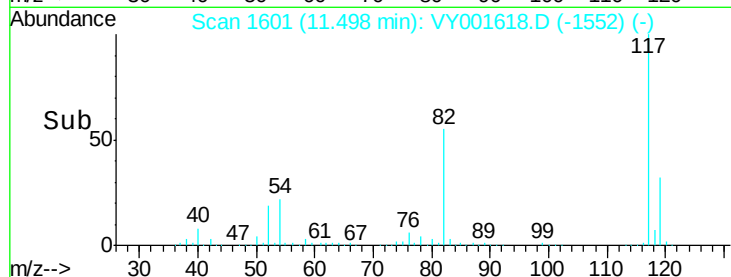
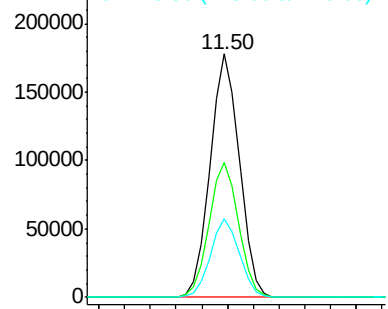
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001618.D
Acq: 12 Feb 2020 18:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 278961
Ion Ratio Lower Upper
117 100
82 55.3 46.1 69.1
119 32.4 26.1 39.1

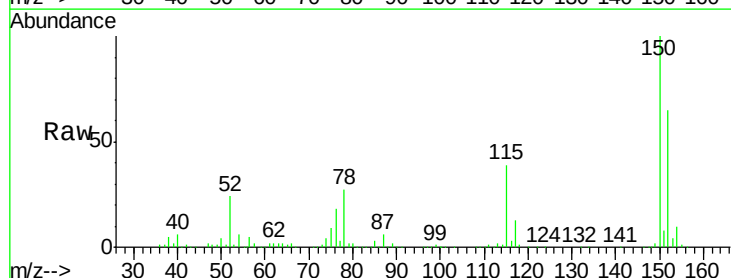


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001618.D
Acq: 12 Feb 2020 18:19

Tgt Ion:152 Resp: 126506
Ion Ratio Lower Upper
152 100
115 60.0 31.4 94.3
150 155.8 0.0 346.8



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

