

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002157.D
 Acq On : 01 Apr 2020 13:05
 Operator : SY/MD
 Sample : L2103-01
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-60-61

Quant Time: Apr 02 06:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

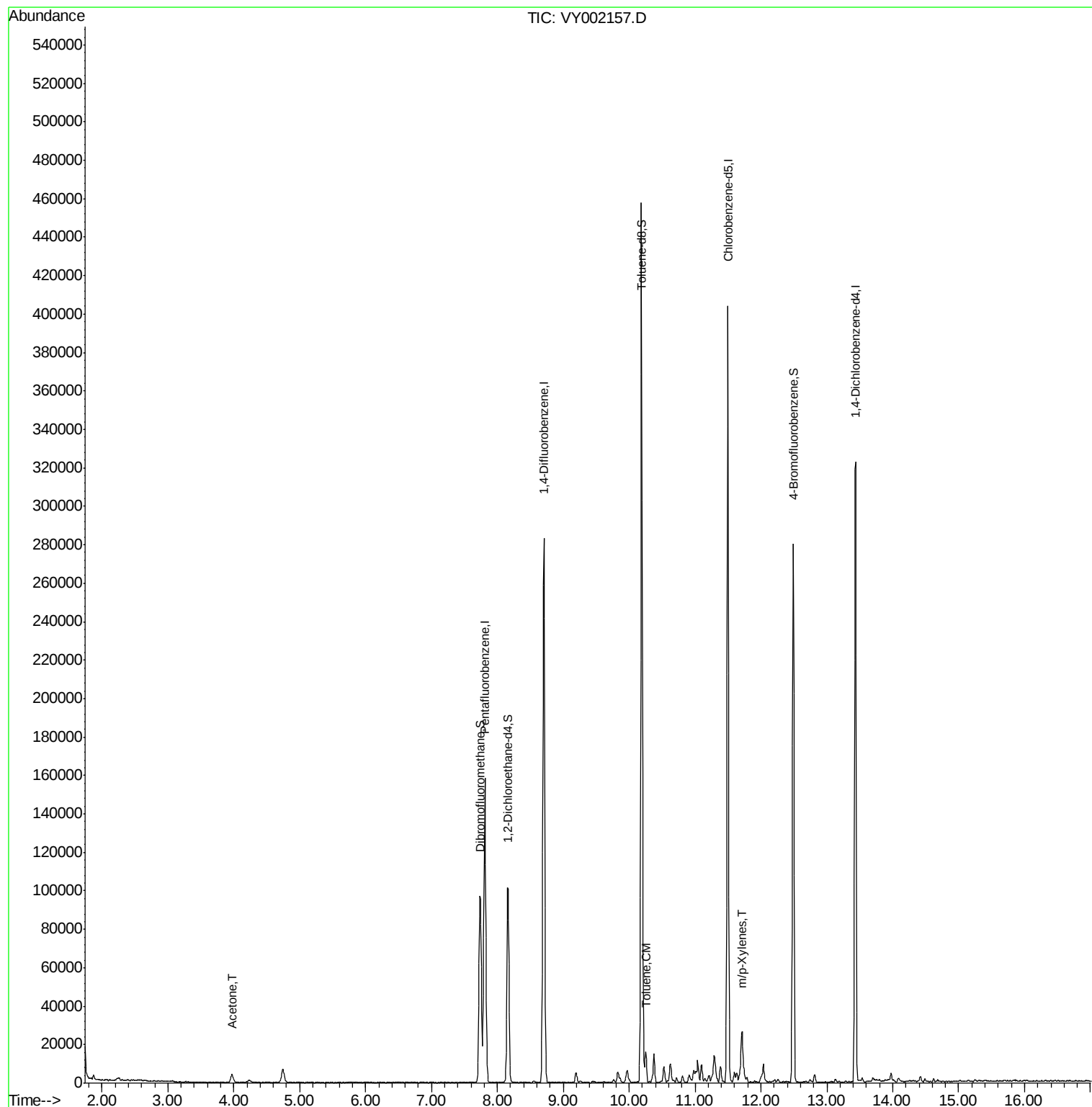
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	118884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	237924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	215107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	79508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76115	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.84%	
35) Dibromofluoromethane	7.74	113	71535	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	10.19	98	289793	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	91463	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
16) Acetone	3.97	43	7746	20.979	ug/l	96
52) Toluene	10.25	92	6329	1.570	ug/l	99
68) m/p-Xylenes	11.70	106	6557	2.300	ug/l	92

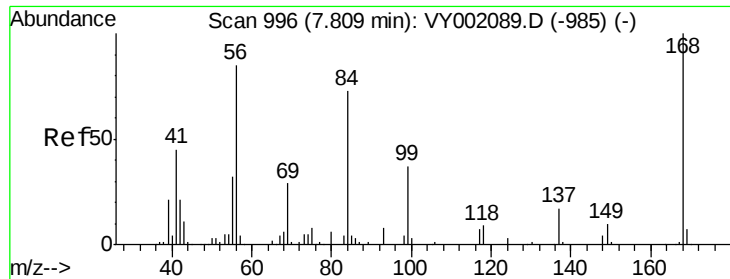
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 01 Apr 2020 13:05
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

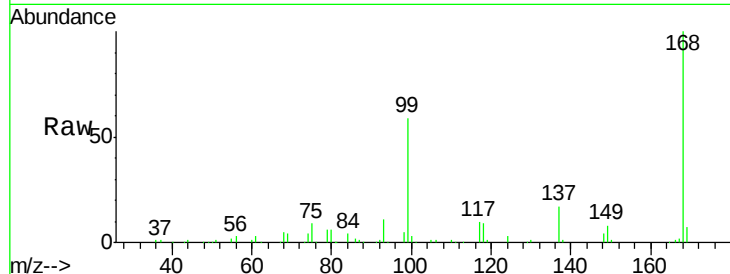
TP-60-61

Tot Ion:168 Resp: 118884

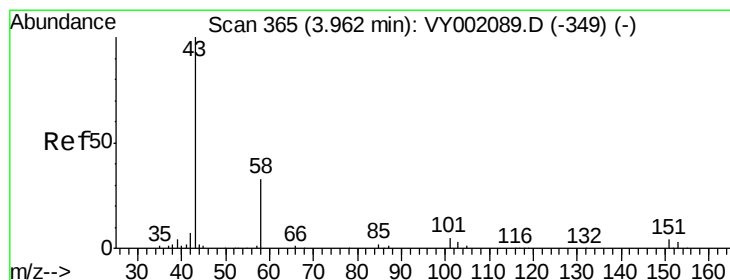
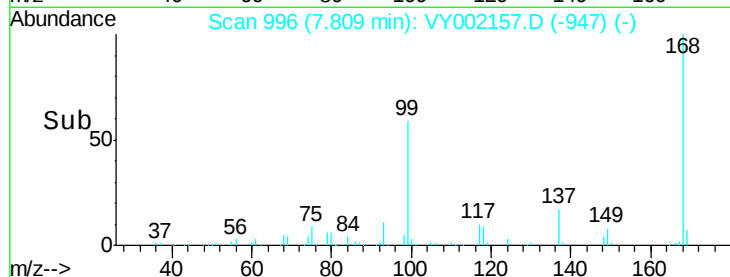
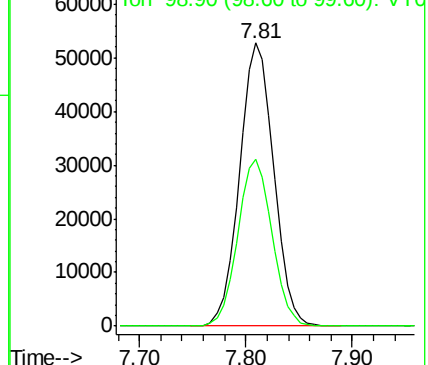
Ion Ratio Lower Upper

168 100

99 58.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002157.D (-947) (-)



#16

Acetone

Concen: 20.979 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002157.D

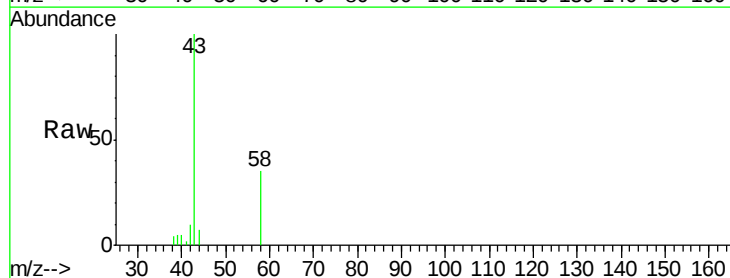
Acq: 01 Apr 2020 13:05

Tgt Ion: 43 Resp: 7746

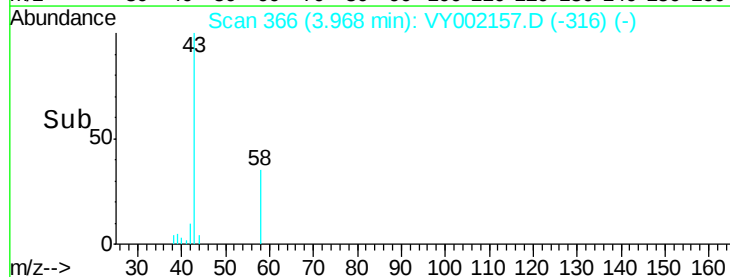
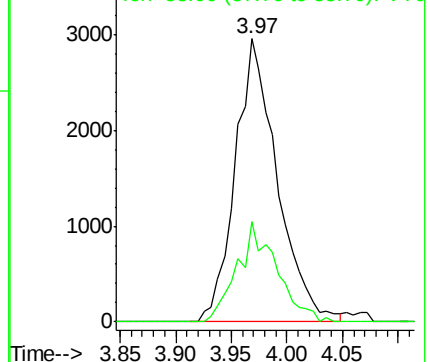
Ion Ratio Lower Upper

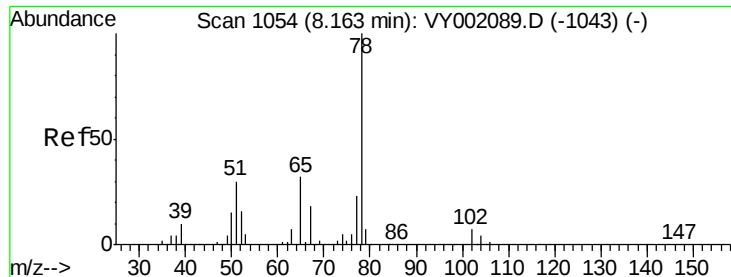
43 100

58 35.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002157.D (-316) (-)





#33

1,2-Dichloroethane-d4

Concen: 57.916 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

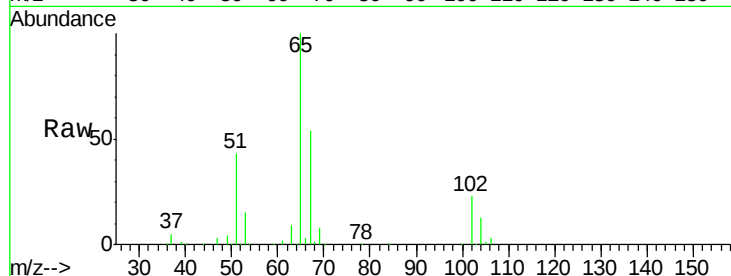
TP-60-61

Tot Ion: 65 Resp: 76115

Ion Ratio Lower Upper

65 100

67 55.5 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

40000

30000

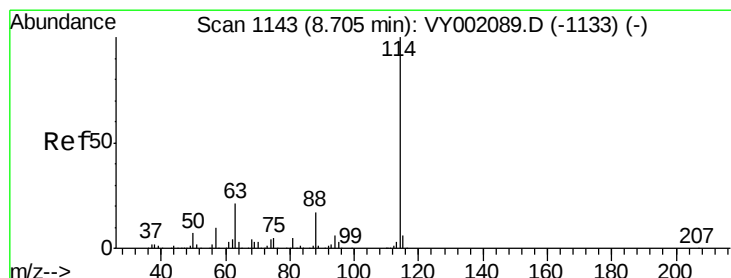
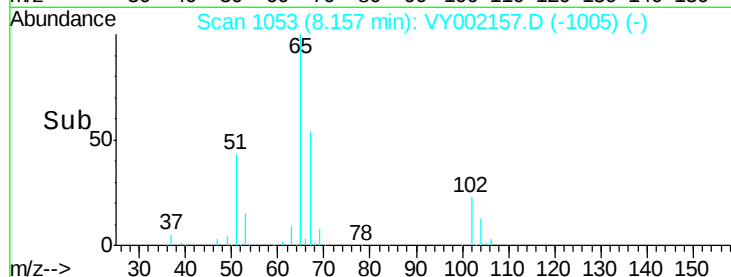
20000

10000

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. 0.00 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

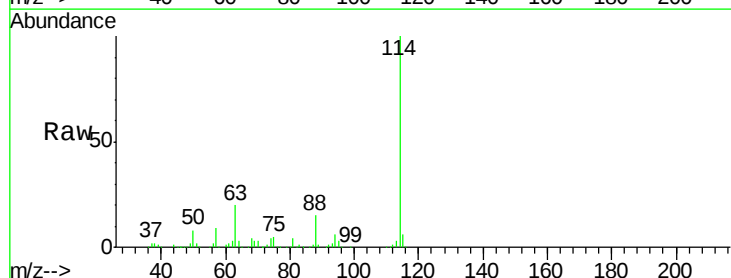
Tgt Ion: 114 Resp: 237924

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

88 15.5 0.0 33.0



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

8.71

150000

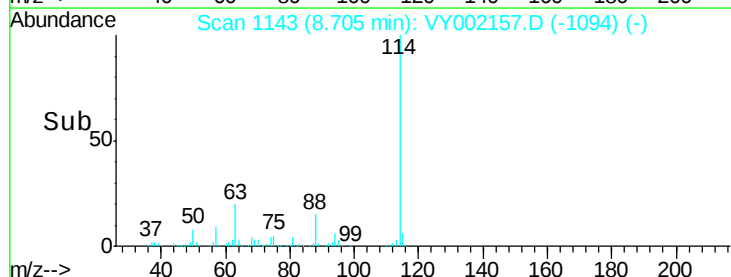
100000

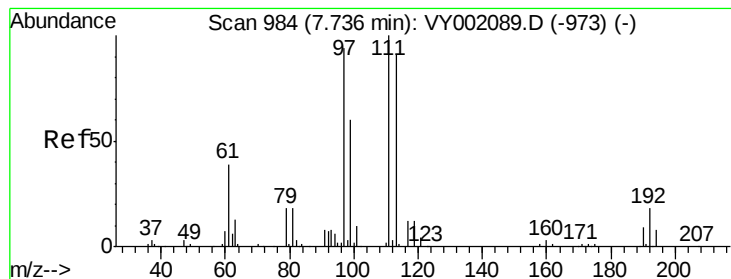
50000

0

Time-->

8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 53.660 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-60-61

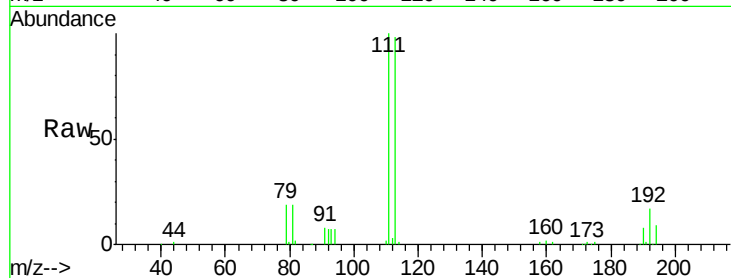
Tot Ion:113 Resp: 71535

Ion Ratio Lower Upper

113 100

111 101.6 84.4 126.6

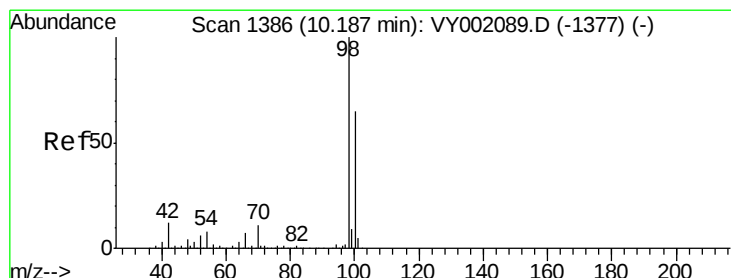
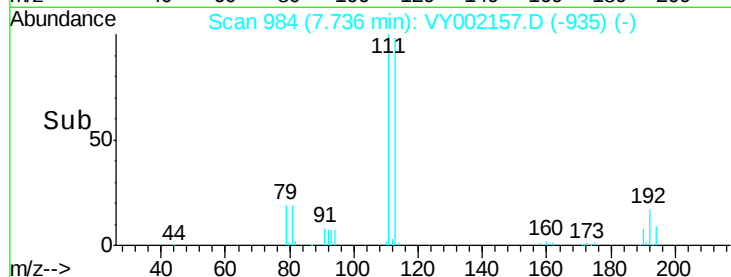
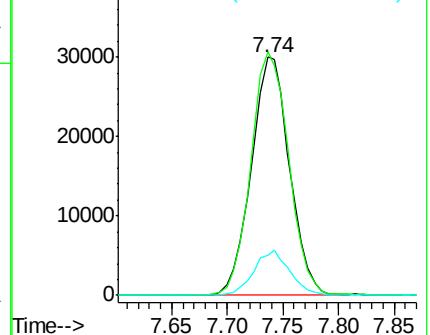
192 17.7 14.6 21.8



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: 52.327 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002157.D

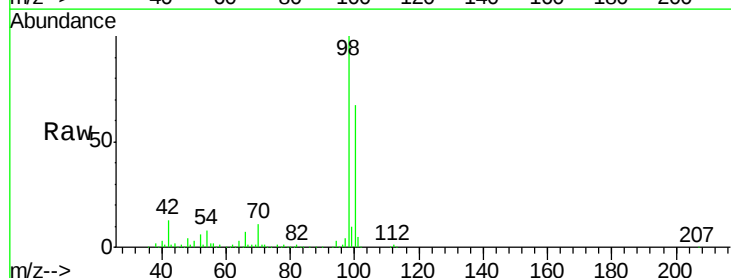
Acq: 01 Apr 2020 13:05

Tgt Ion: 98 Resp: 289793

Ion Ratio Lower Upper

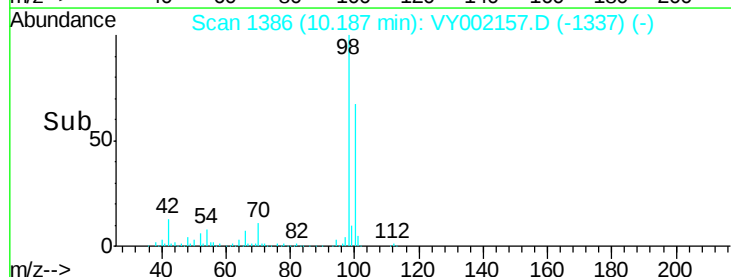
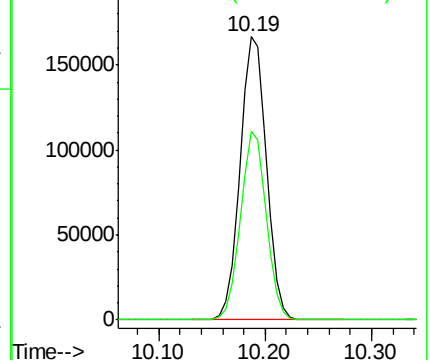
98 100

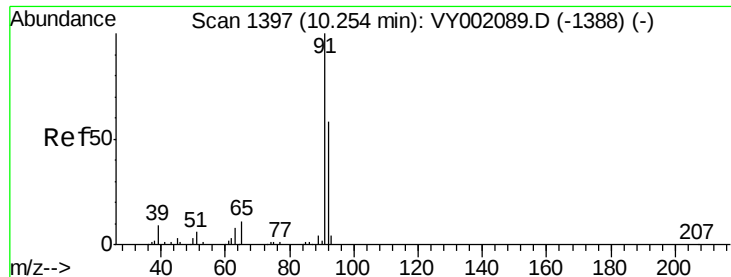
100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.570 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

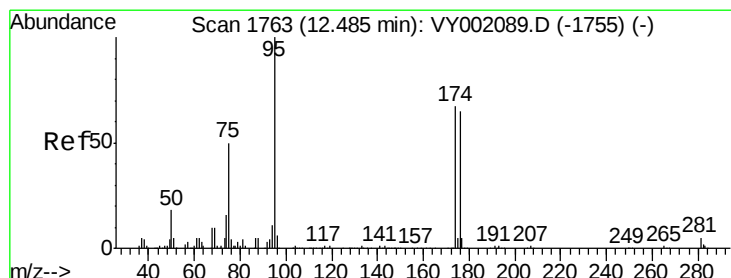
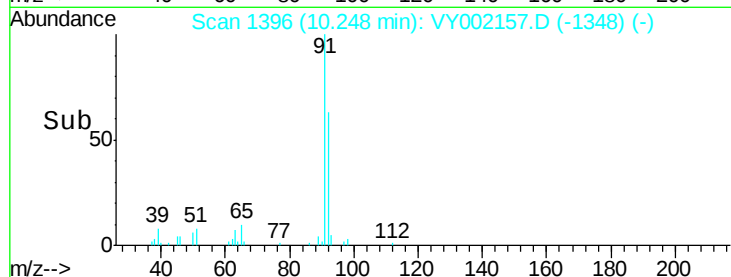
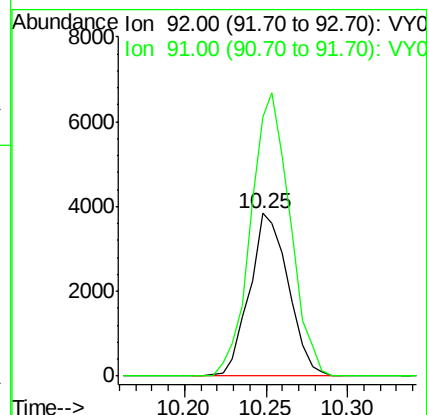
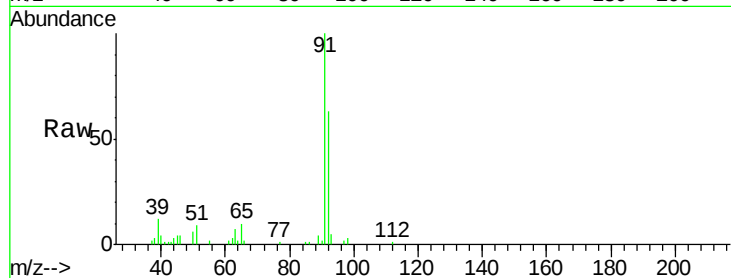
TP-60-61

Tot Ion: 92 Resp: 6329

Ion Ratio Lower Upper

92 100

91 175.7 139.3 208.9



#62

4-Bromofluorobenzene

Concen: 47.222 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

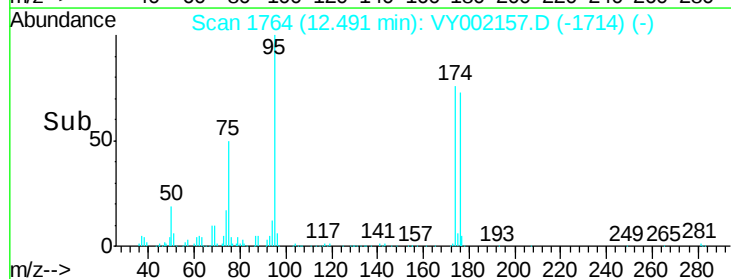
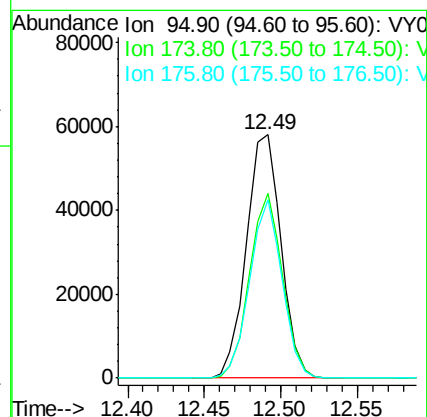
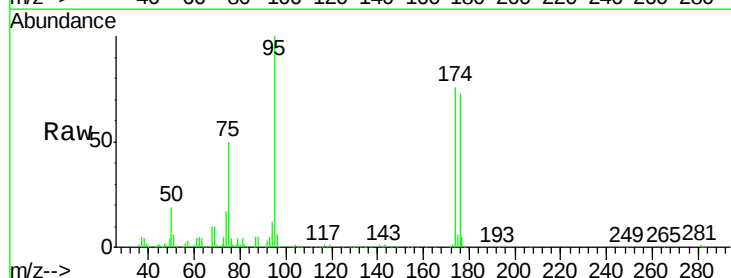
Tgt Ion: 95 Resp: 91463

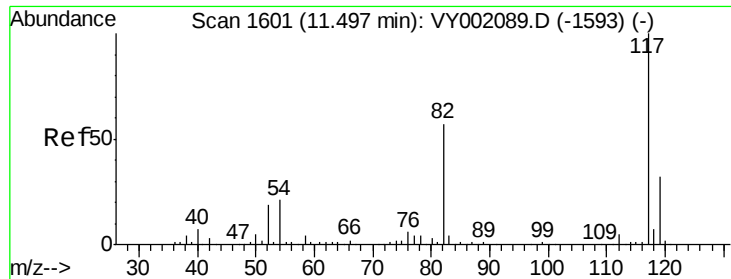
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 68.5 0.0 137.0

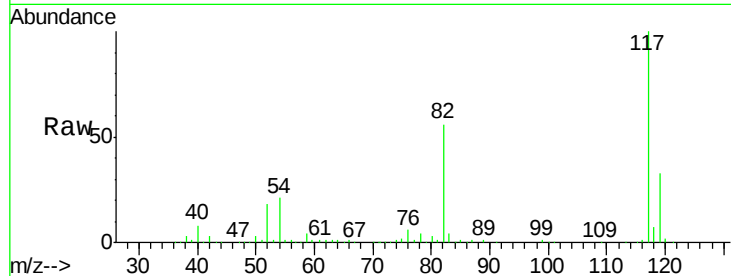




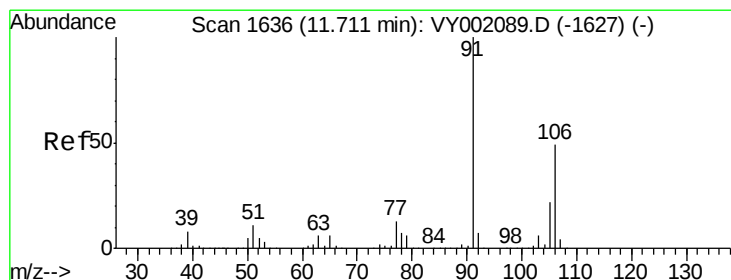
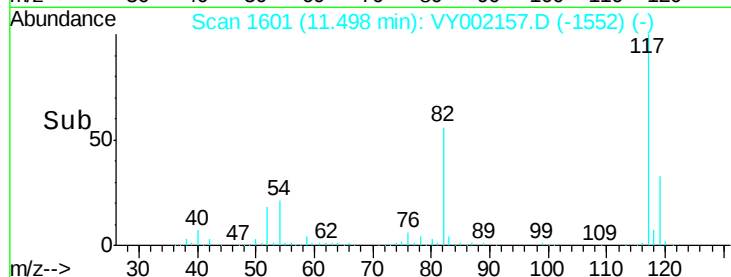
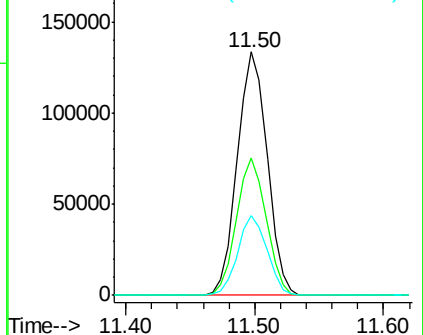
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002157.D
Acq: 01 Apr 2020 13:05

Instrument :
MSVOA_Y
ClientSampleId :
TP-60-61

Tot Ion:117 Resp: 215107
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.9 25.3 37.9

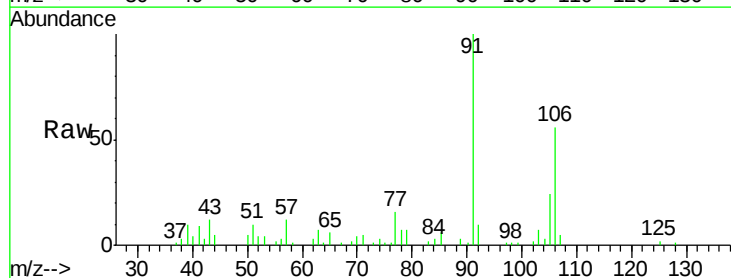


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

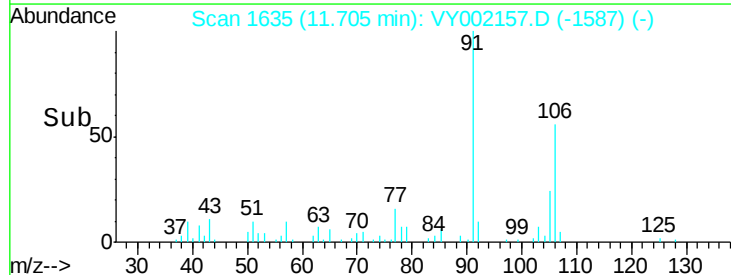
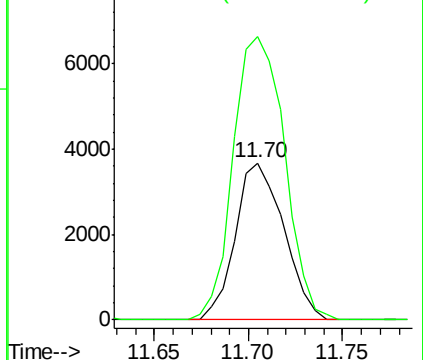


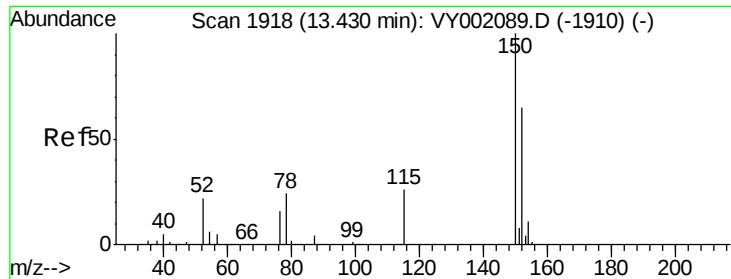
#68
m/p-Xylenes
Concen: 2.300 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002157.D
Acq: 01 Apr 2020 13:05

Tgt Ion:106 Resp: 6557
Ion Ratio Lower Upper
106 100
91 191.0 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002157.D

Acq: 01 Apr 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-60-61

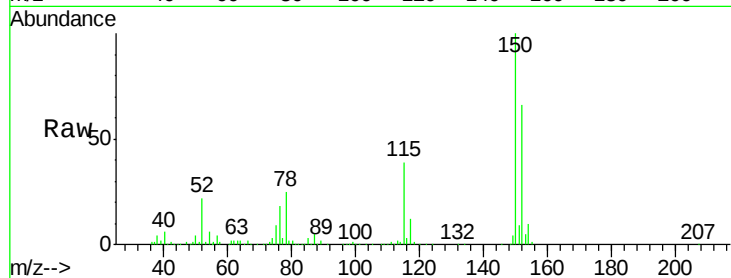
Tot Ion:152 Resp: 79508

Ion Ratio Lower Upper

152 100

115 60.5 31.2 93.6

150 155.4 0.0 354.8



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

