

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002234.D
 Acq On : 06 Apr 2020 14:09
 Operator : SY/MD
 Sample : L2166-11
 Misc : 6.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-46

Quant Time: Apr 07 05:08:22 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

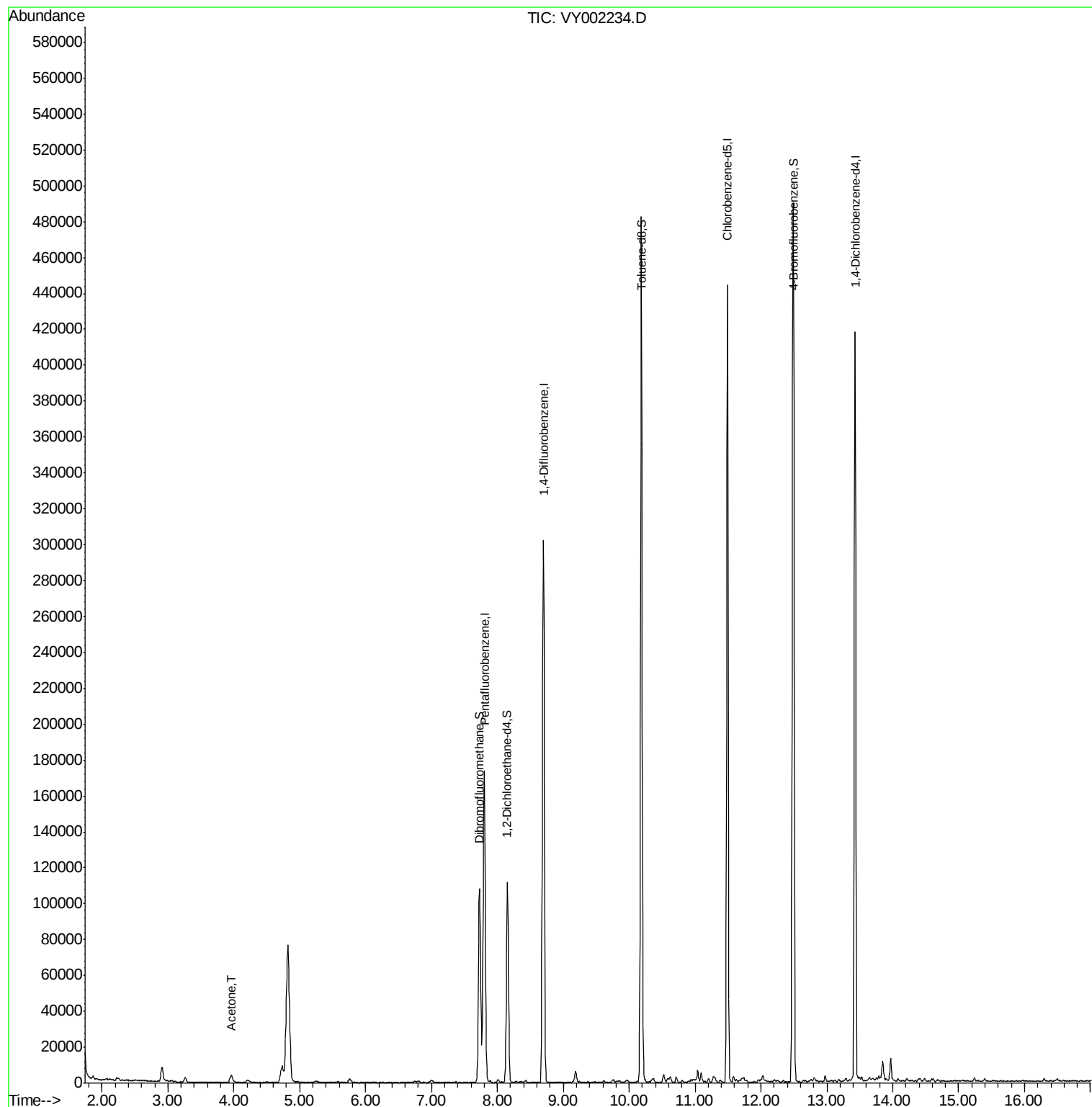
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	130414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	257674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	239592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	82083	56.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.73	113	76729	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.19	98	316780	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.49	95	108641	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
Target Compounds						
16) Acetone	3.96	43	6848	16.907	ug/l	Qvalue 99

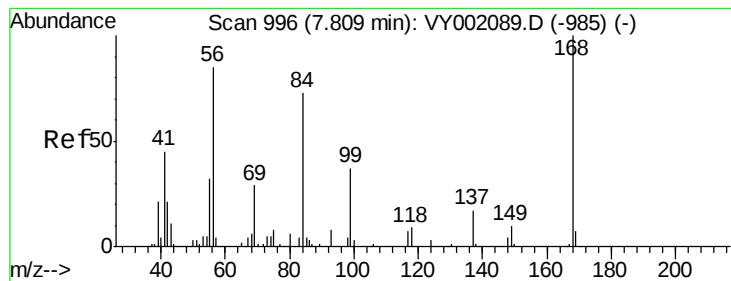
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002234.D

Acq: 06 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampled :

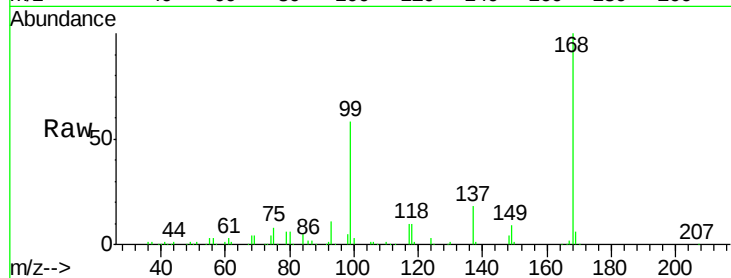
TP-46

Tot Ion:168 Resp: 130414

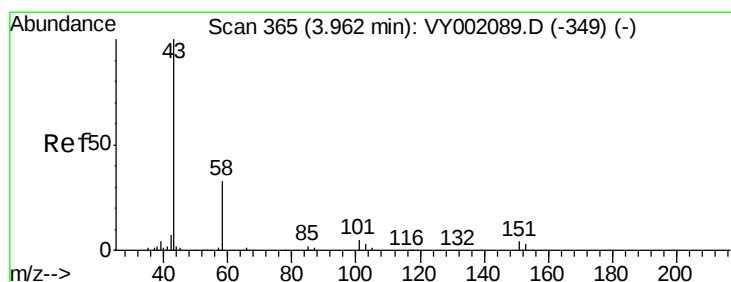
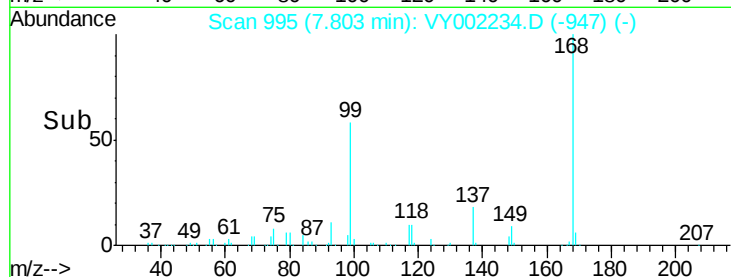
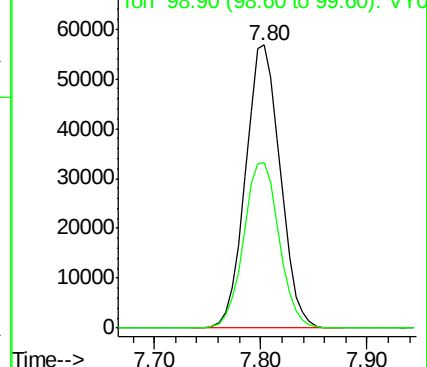
Ion Ratio Lower Upper

168 100

99 58.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002234.D (-947) (-)



#16

Acetone

Concen: 16.907 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002234.D

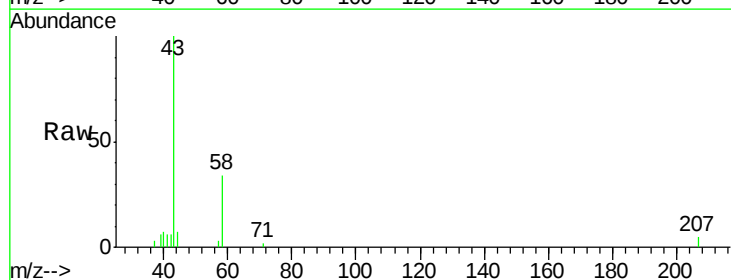
Acq: 06 Apr 2020 14:09

Tgt Ion: 43 Resp: 6848

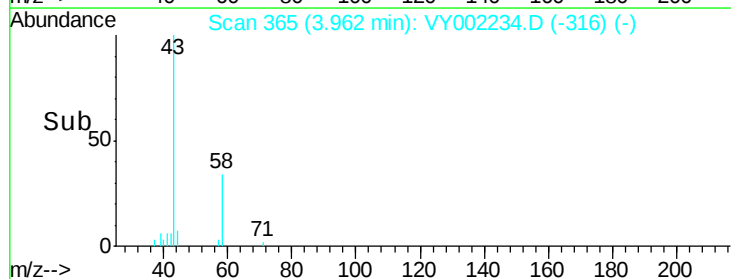
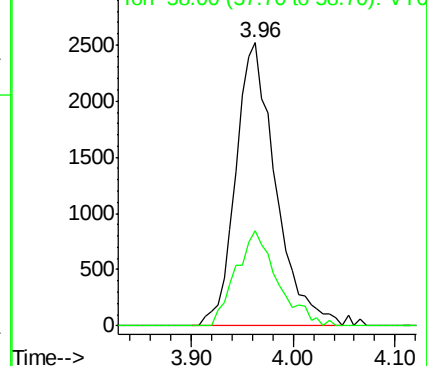
Ion Ratio Lower Upper

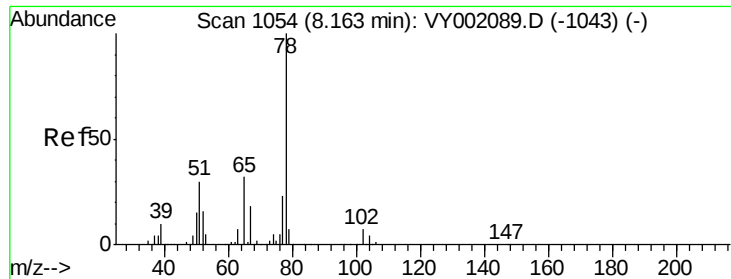
43 100

58 33.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002234.D (-316) (-)

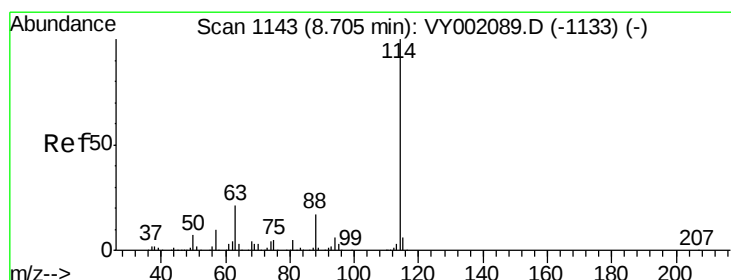
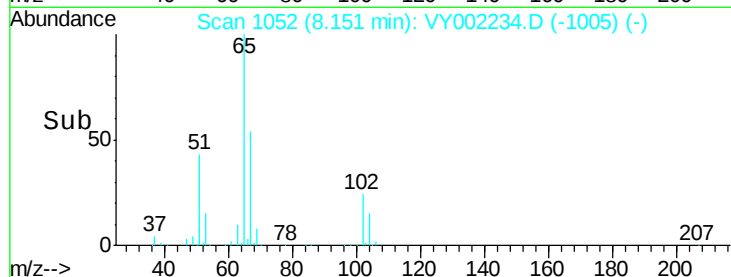
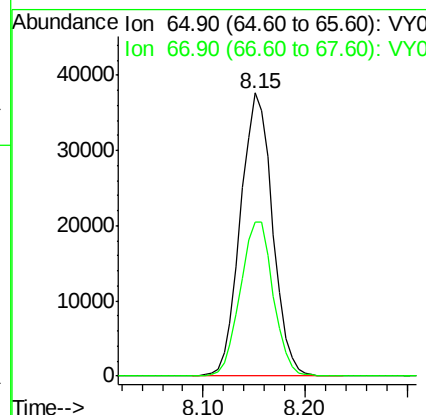
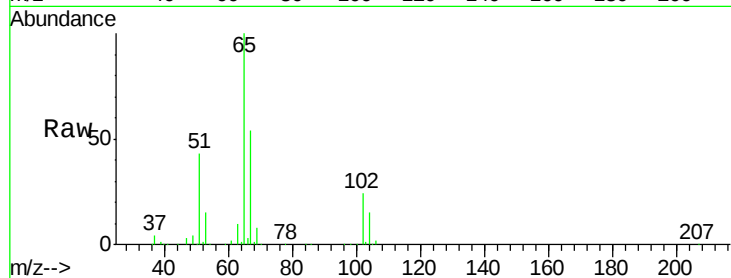




#33
 1,2-Dichloroethane-d4
 Concen: 56.935 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002234.D
 Acq: 06 Apr 2020 14:09

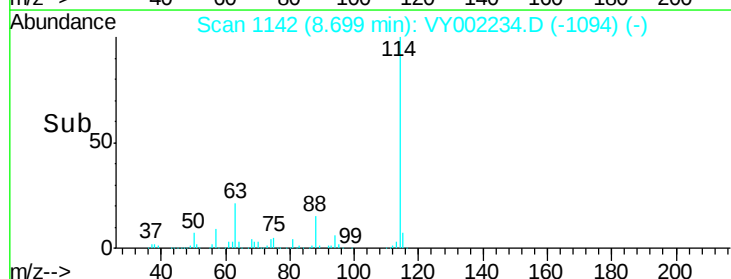
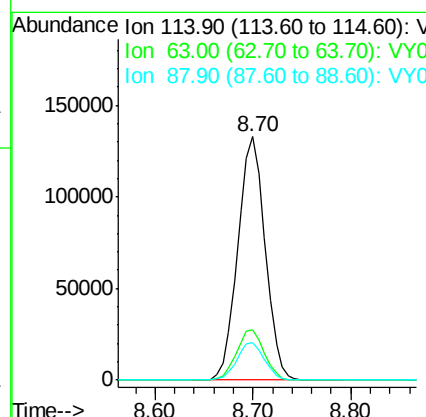
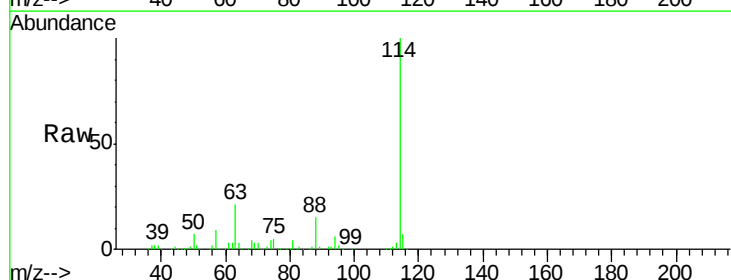
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-46

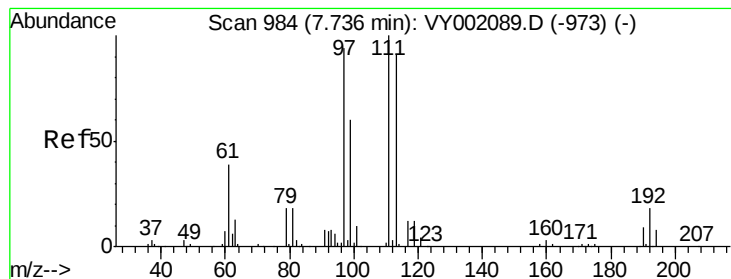
Tot Ion: 65 Resp: 82083
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002234.D
 Acq: 06 Apr 2020 14:09

Tgt Ion: 114 Resp: 257674
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.144 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002234.D

Acq: 06 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-46

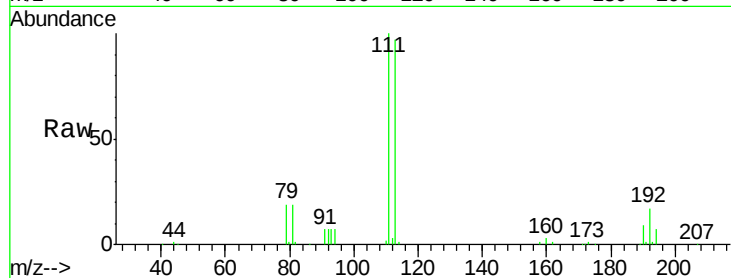
Tot Ion:113 Resp: 76729

Ion Ratio Lower Upper

113 100

111 103.1 84.4 126.6

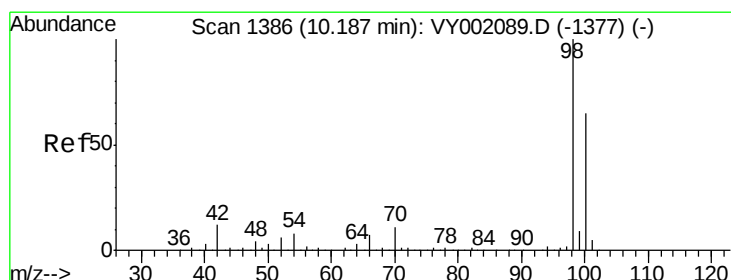
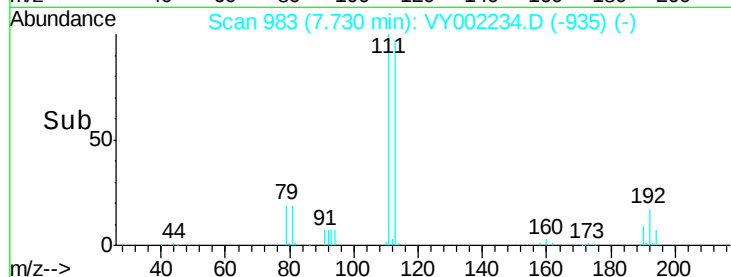
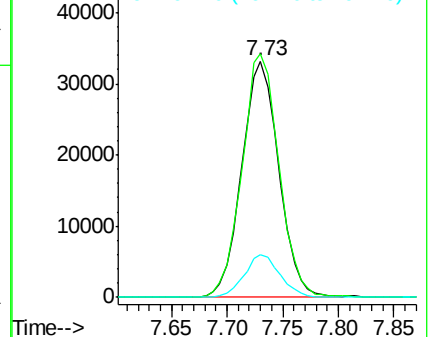
192 17.4 14.6 21.8



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: 52.816 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002234.D

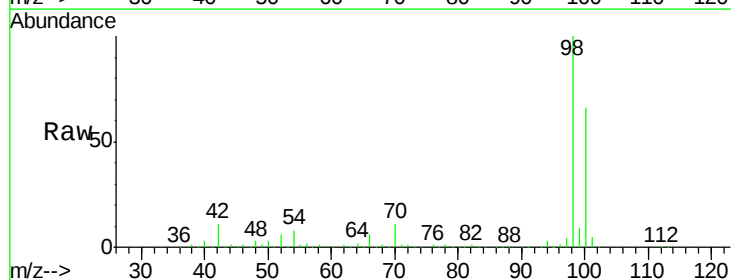
Acq: 06 Apr 2020 14:09

Tgt Ion: 98 Resp: 316780

Ion Ratio Lower Upper

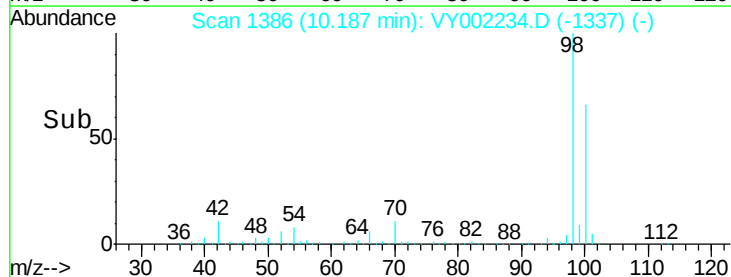
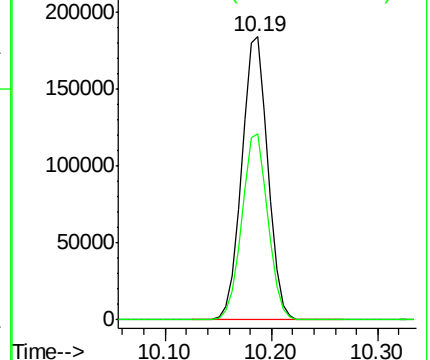
98 100

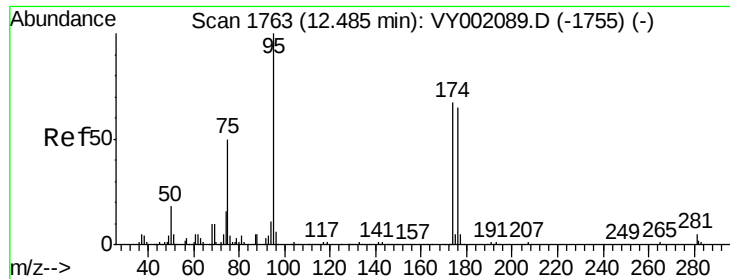
100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

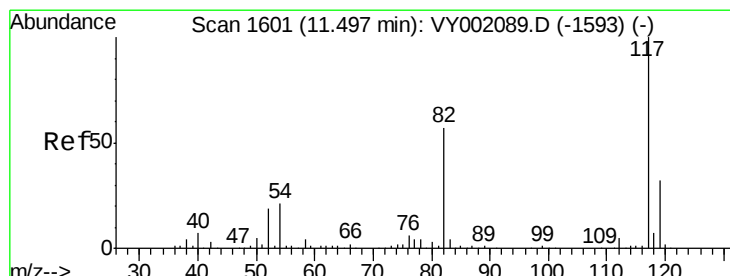
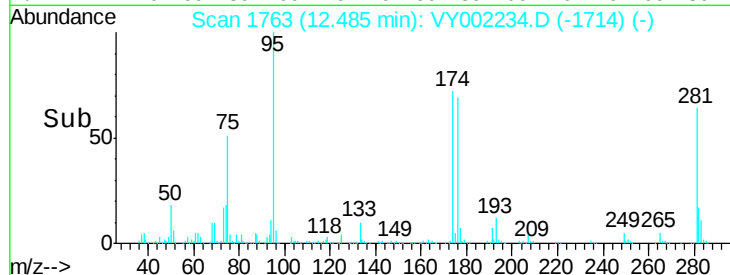
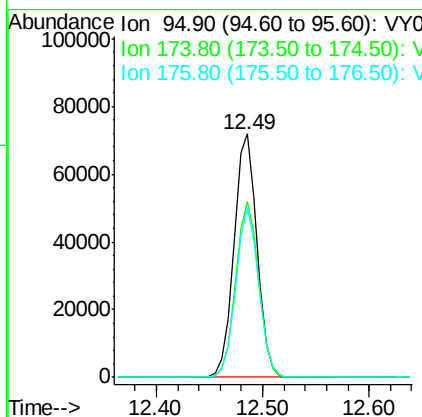
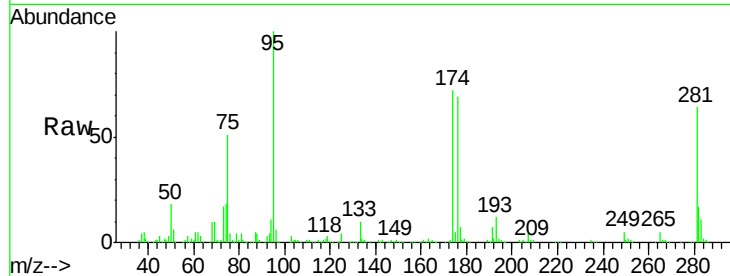




#62
4-Bromofluorobenzene
Concen: 51.792 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002234.D
Acq: 06 Apr 2020 14:09

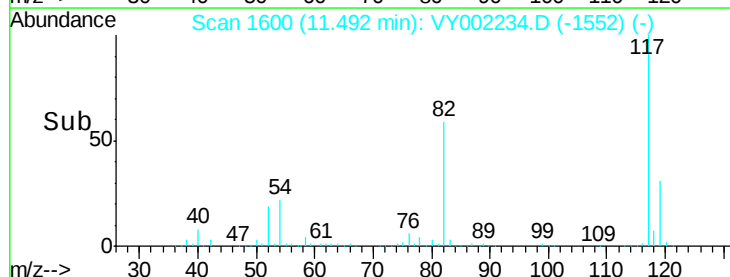
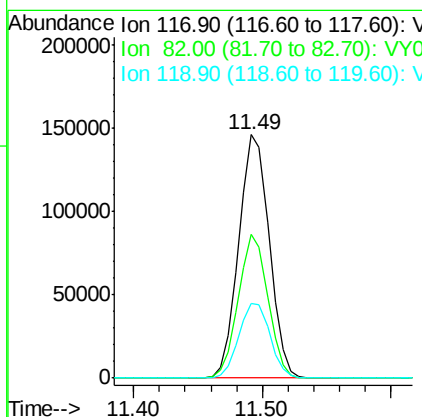
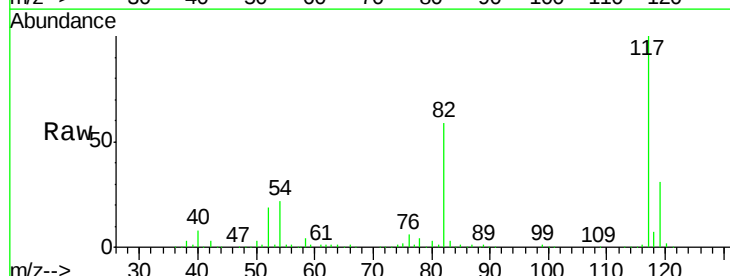
Instrument :
MSVOA_Y
ClientSampled :
TP-46

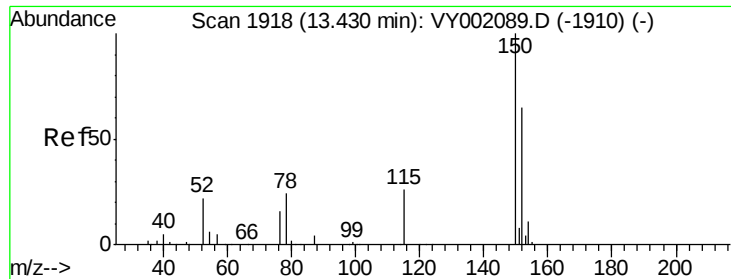
Tot Ion: 95 Resp: 108641
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.4
176 69.5 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002234.D
Acq: 06 Apr 2020 14:09

Tgt Ion: 117 Resp: 239592
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.2
119 30.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002234.D

Acq: 06 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-46

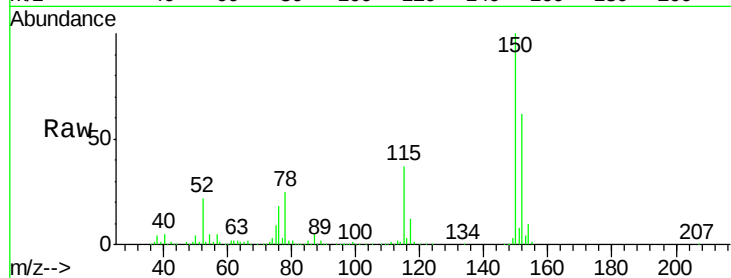
Tot Ion:152 Resp: 101962

Ion Ratio Lower Upper

152 100

115 61.8 31.2 93.6

150 160.5 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

