

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002167.D
 Acq On : 01 Apr 2020 16:49
 Operator : SY/MD
 Sample : L2108-05
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-70-71-COMP

Quant Time: Apr 02 07:48:31 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

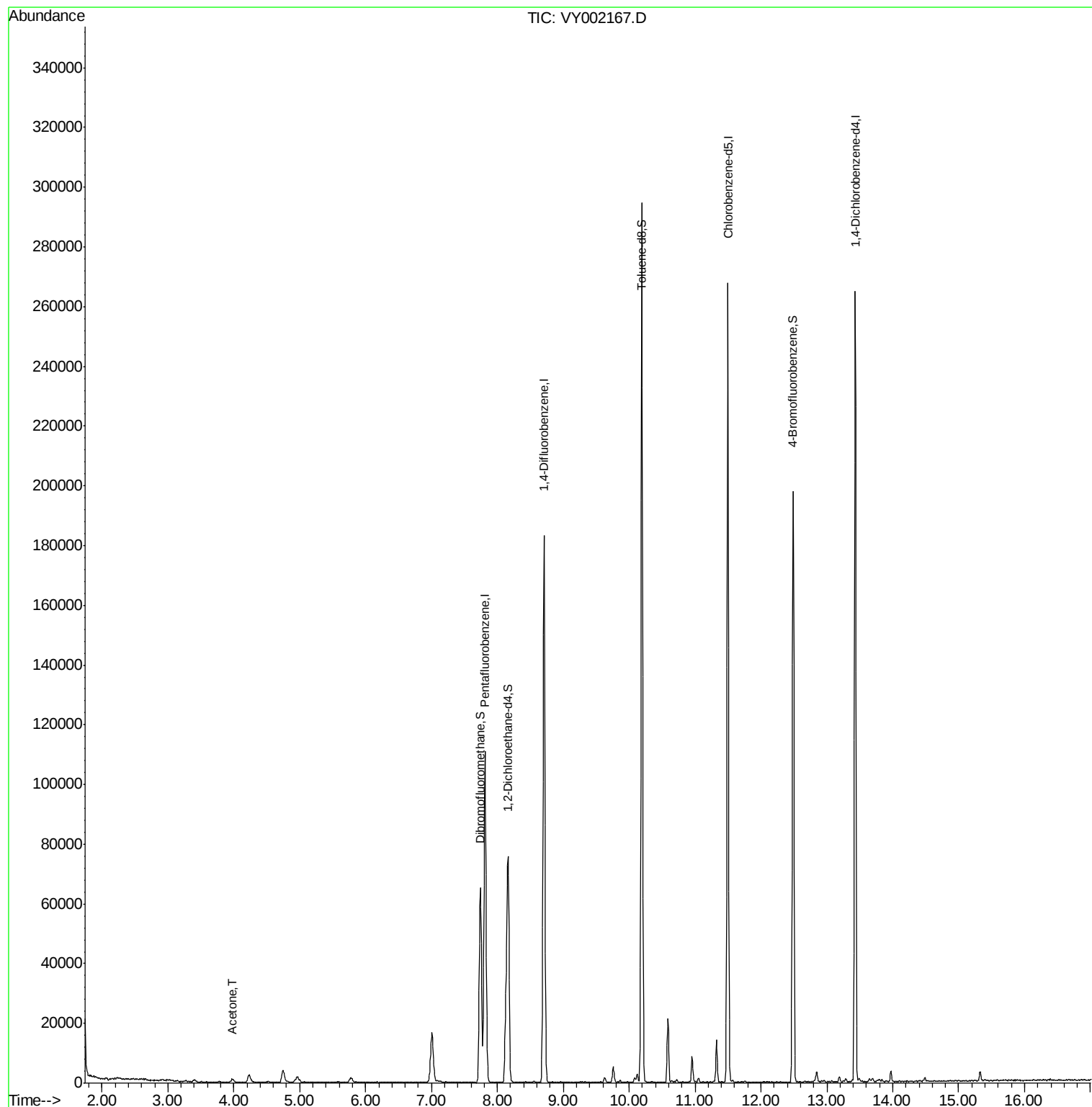
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	82883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	156232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	142159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	62493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	49590	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	7.74	113	45897	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.19	98	188833	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.49	95	61379	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
Target Compounds						
16) Acetone	3.97	43	2467	9.584	ug/l #	87

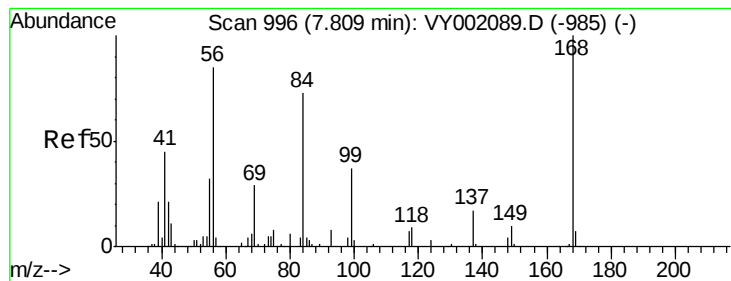
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002167.D

Acq: 01 Apr 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

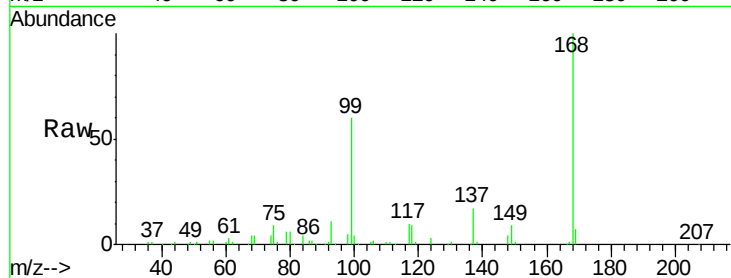
TP-70-71-COMP

Tot Ion:168 Resp: 82883

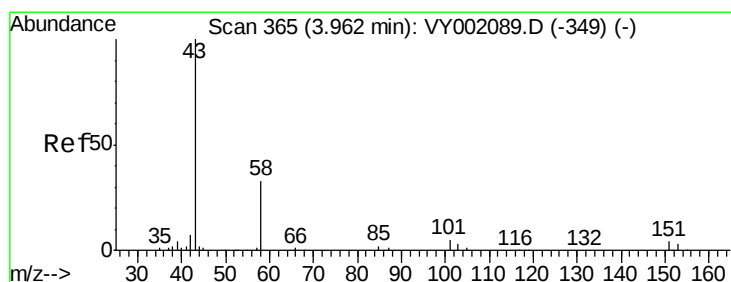
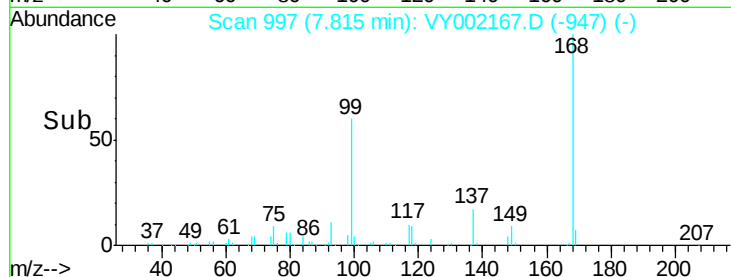
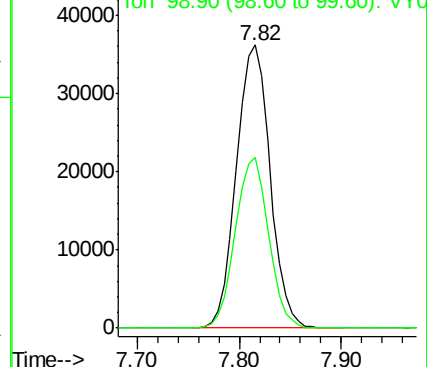
Ion Ratio Lower Upper

168 100

99 60.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002167.D (-947) (-)



#16

Acetone

Concen: 9.584 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002167.D

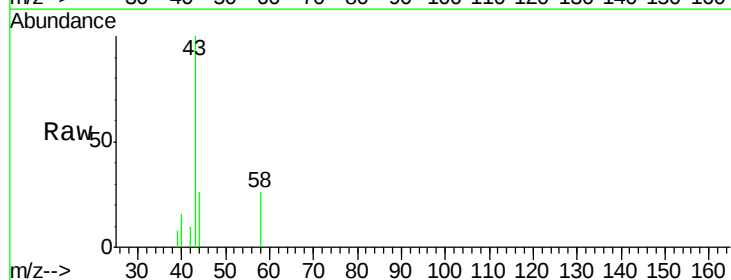
Acq: 01 Apr 2020 16:49

Tgt Ion: 43 Resp: 2467

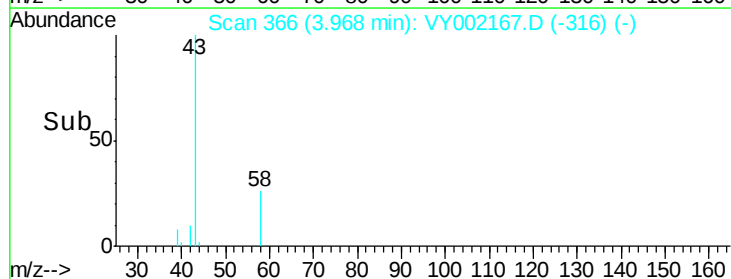
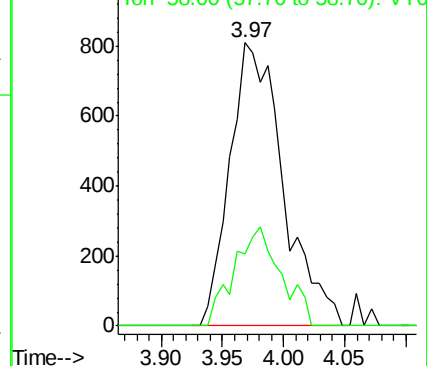
Ion Ratio Lower Upper

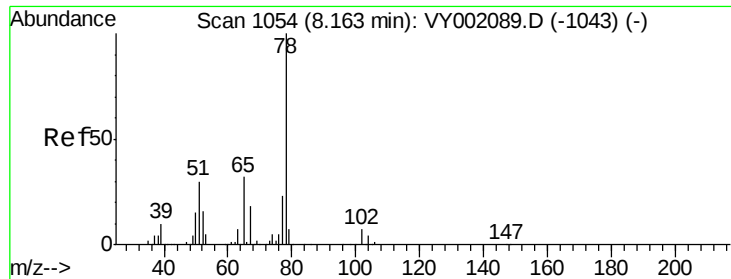
43 100

58 25.7 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002167.D (-316) (-)

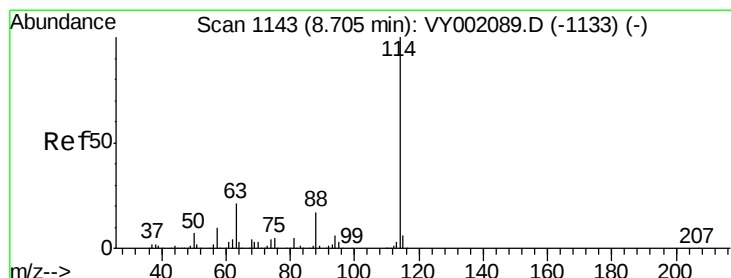
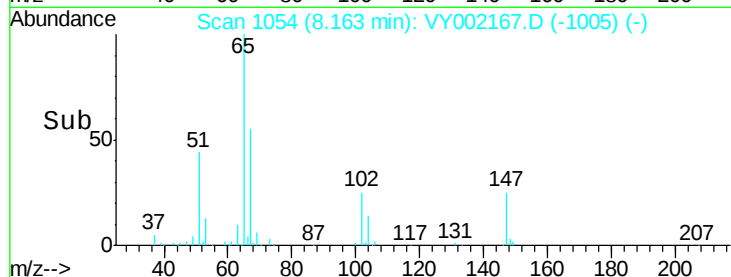
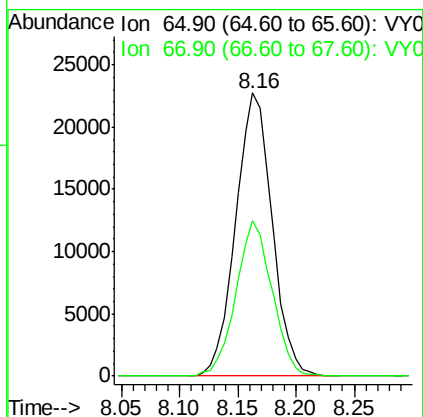
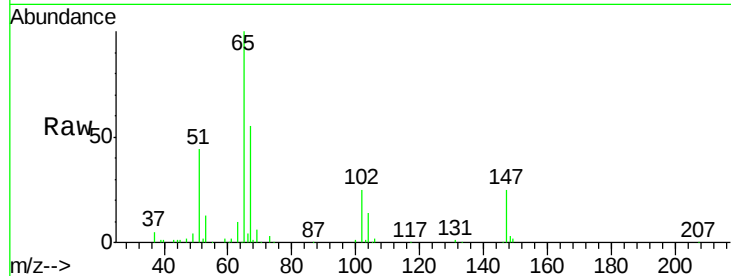




#33
 1,2-Dichloroethane-d4
 Concen: 54.123 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002167.D
 Acq: 01 Apr 2020 16:49

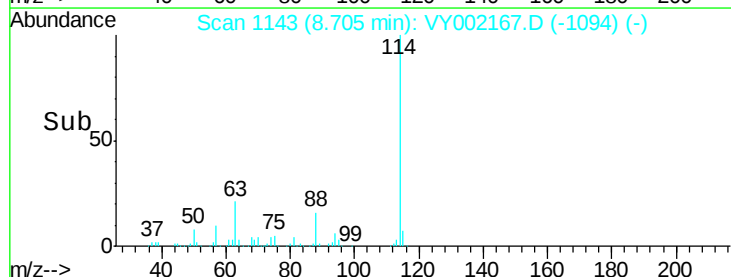
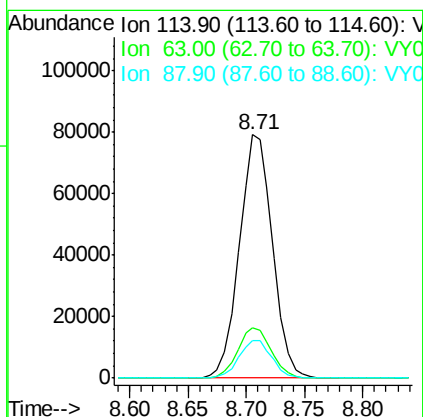
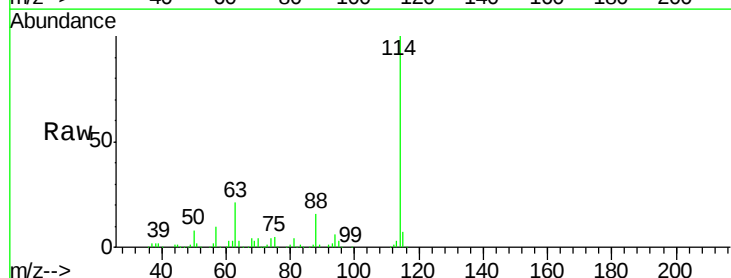
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-70-71-COMP

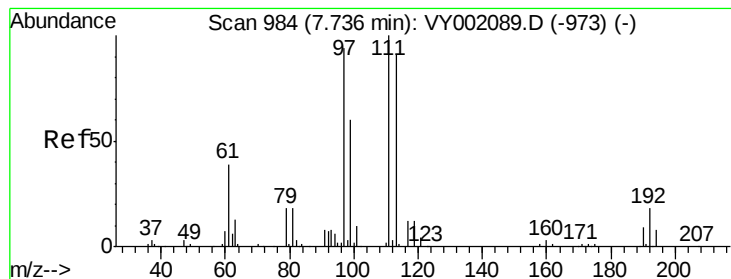
Tot Ion: 65 Resp: 49590
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002167.D
 Acq: 01 Apr 2020 16:49

Tgt Ion: 114 Resp: 156232
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.430 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002167.D

Acq: 01 Apr 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-70-71-COMP

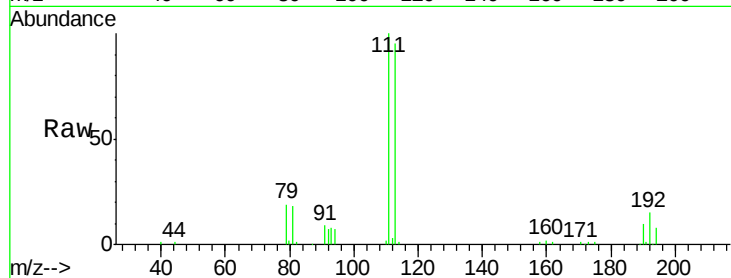
Tot Ion:113 Resp: 45897

Ion Ratio Lower Upper

113 100

111 103.6 84.4 126.6

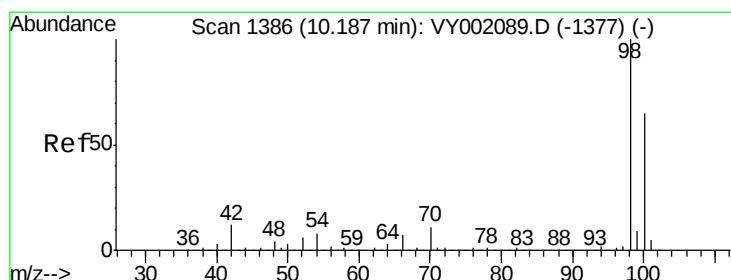
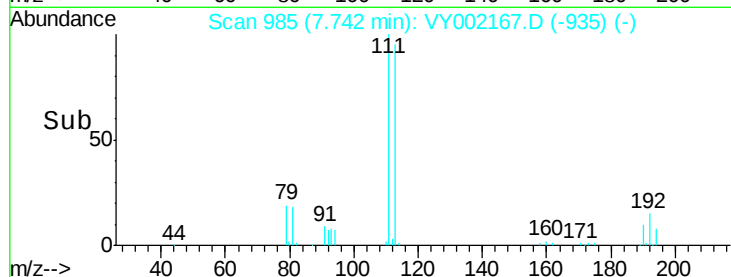
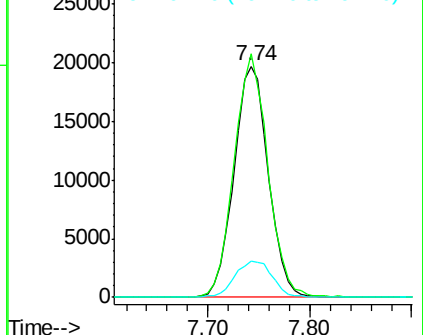
192 17.2 14.6 21.8



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: 51.926 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002167.D

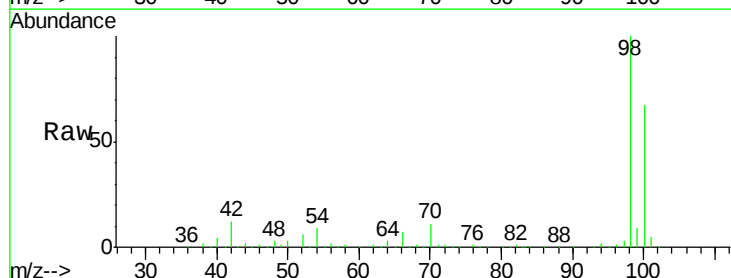
Acq: 01 Apr 2020 16:49

Tgt Ion: 98 Resp: 188833

Ion Ratio Lower Upper

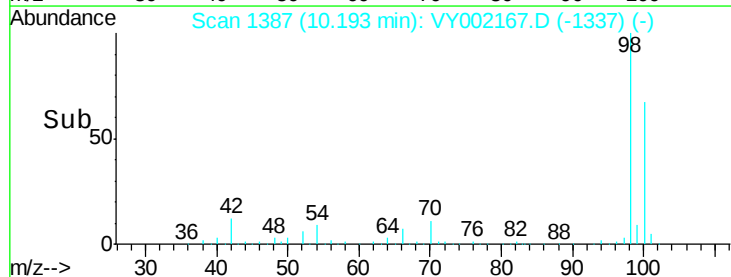
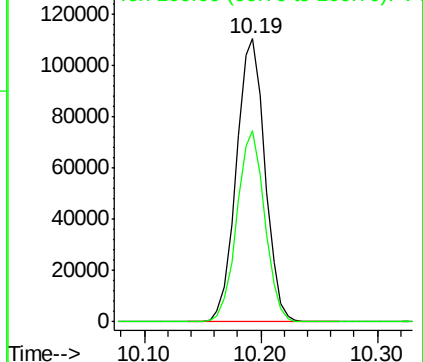
98 100

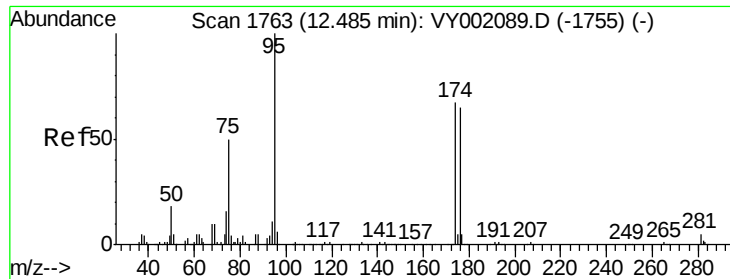
100 65.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

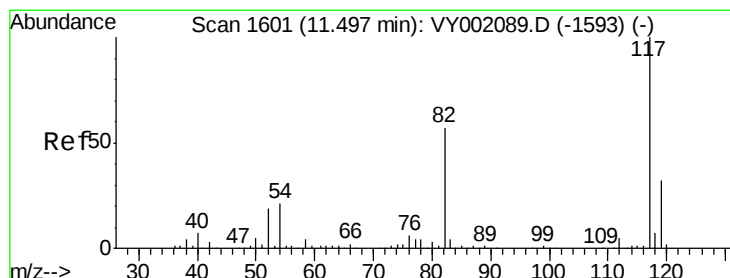
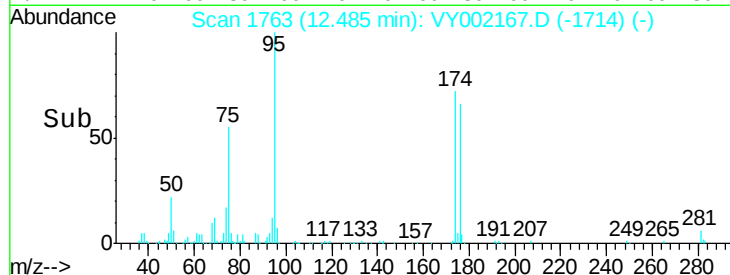
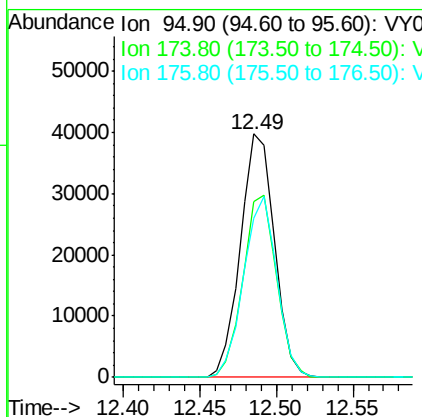
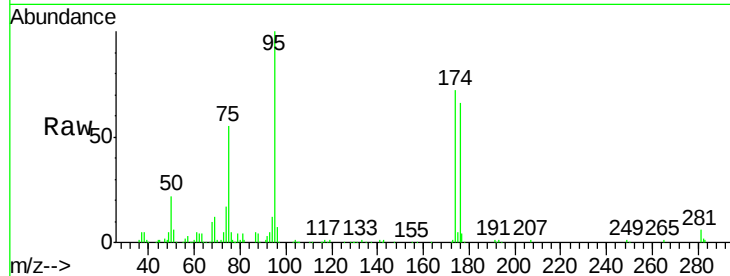




#62
4-Bromofluorobenzene
Concen: 48.260 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002167.D
Acq: 01 Apr 2020 16:49

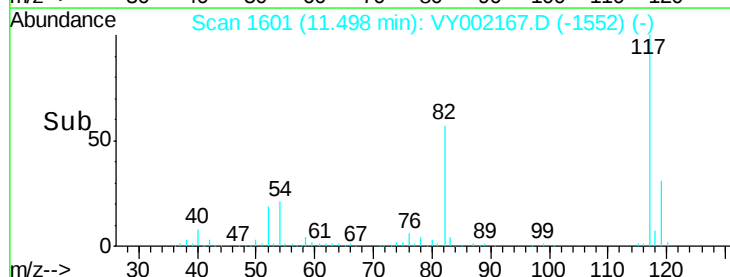
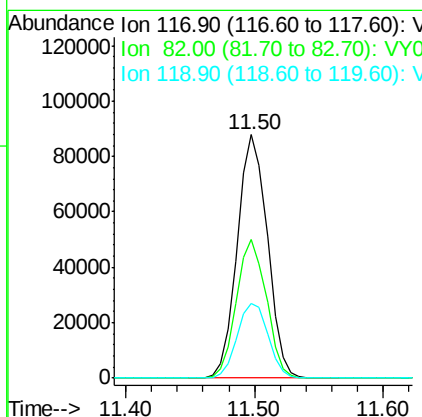
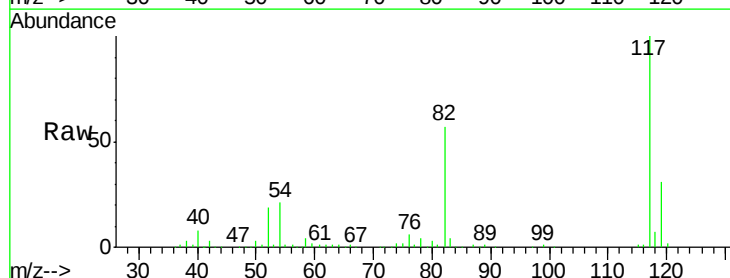
Instrument :
MSVOA_Y
ClientSampleId :
TP-70-71-COMP

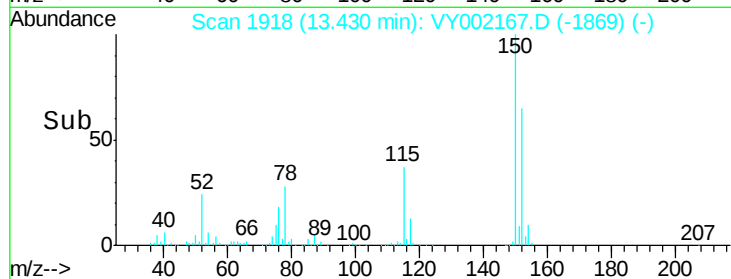
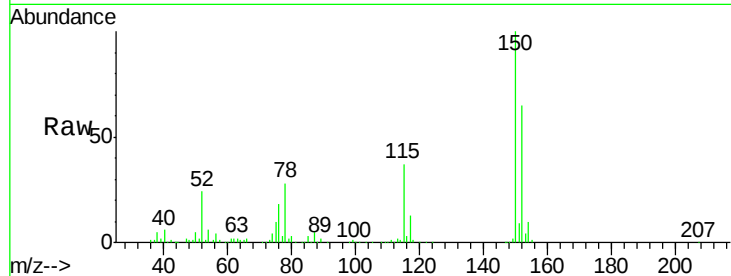
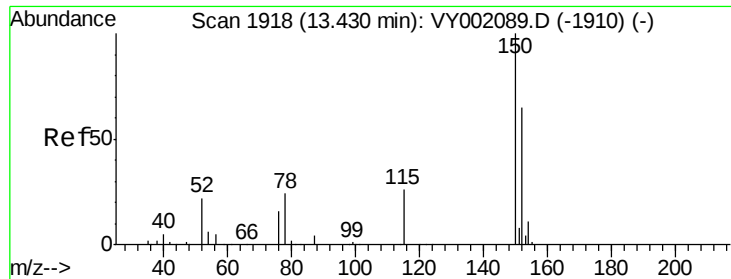
Tot Ion: 95 Resp: 61379
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.4
176 72.6 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002167.D
Acq: 01 Apr 2020 16:49

Tgt Ion: 117 Resp: 142159
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 30.7 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: VY002167.D

Acq: 01 Apr 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-70-71-COMP

Tot Ion:152 Resp: 62493

Ion Ratio Lower Upper

152 100

115 59.5 31.2 93.6

150 156.0 0.0 354.8

