

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002259.D
 Acq On : 08 Apr 2020 18:47
 Operator : SY/MD
 Sample : L2199-01
 Misc : 5.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-39-38

Quant Time: Apr 09 02:59:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

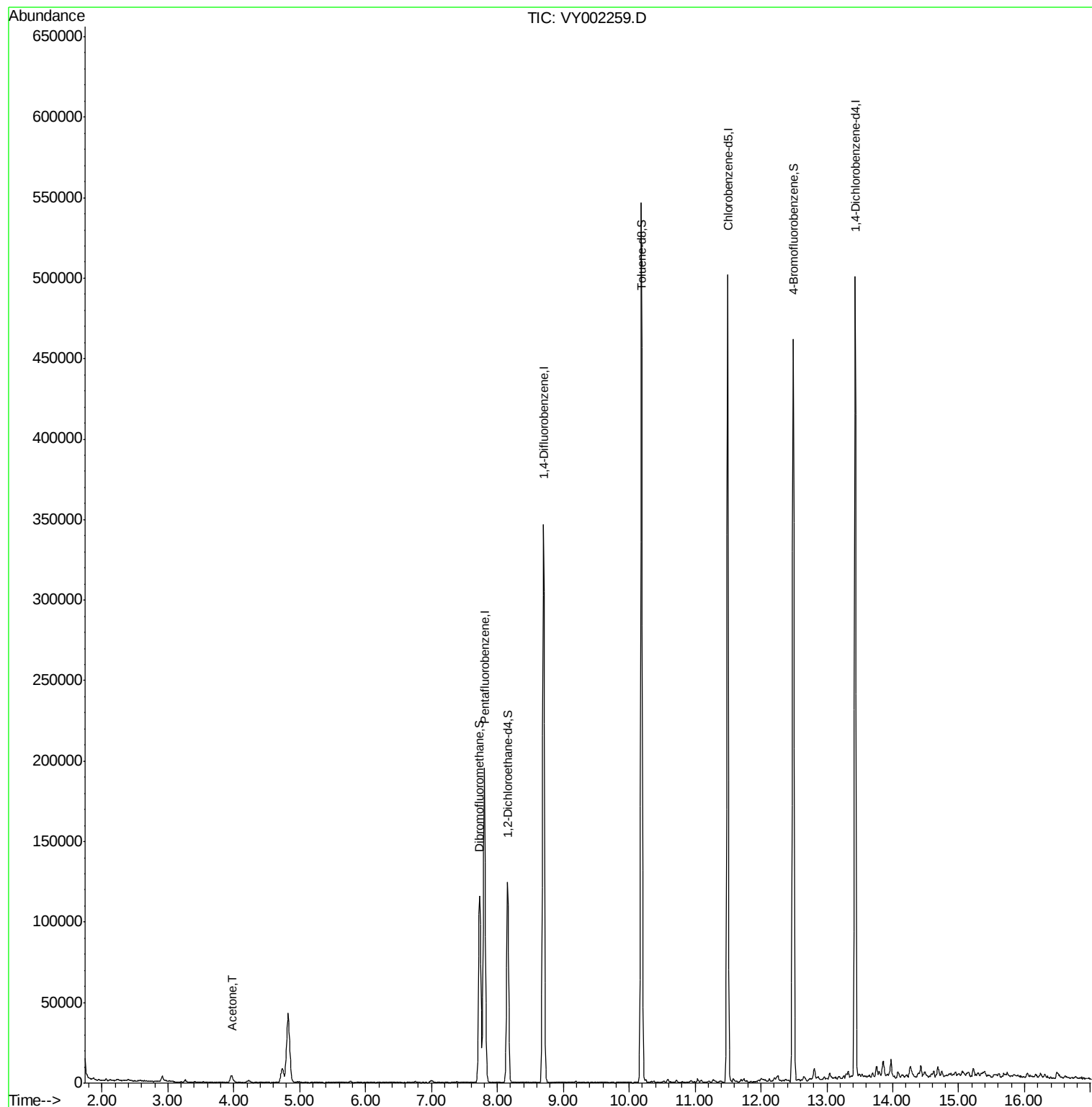
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	144544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	291066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	95520	59.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.84%	
35) Dibromofluoromethane	7.74	113	86819	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.19	98	356231	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.49	95	126757	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
Target Compounds						
16) Acetone	3.96	43	8084	19.094	ug/l #	Qvalue 86

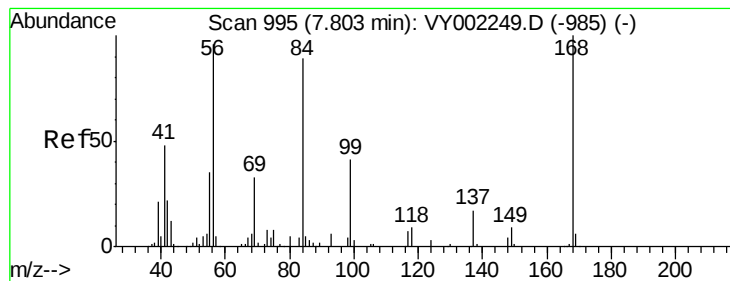
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002259.D

Acq: 08 Apr 2020 18:47

Instrument :

MSVOA_Y

ClientSampled :

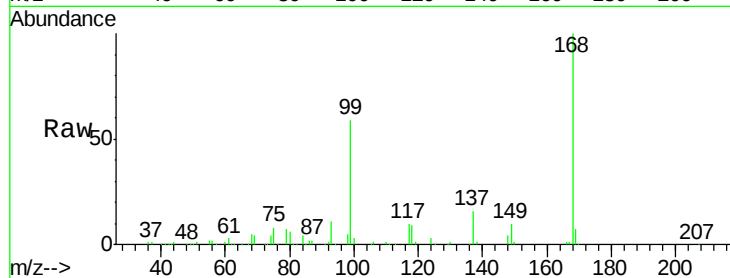
TP-39-38

Tot Ion:168 Resp: 144544

Ion Ratio Lower Upper

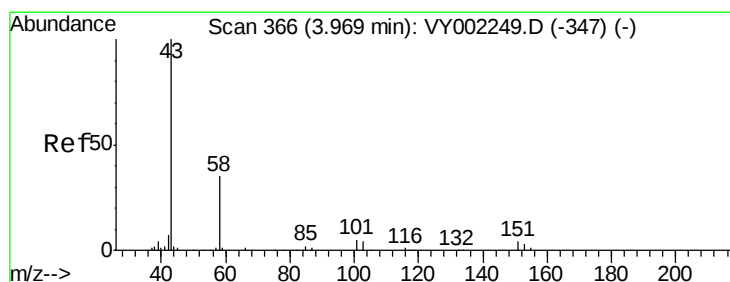
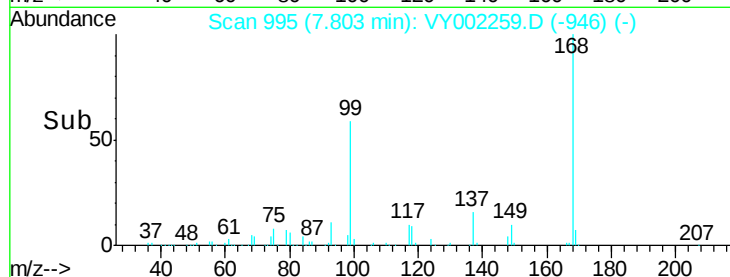
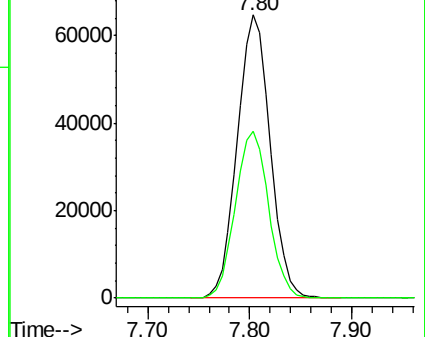
168 100

99 58.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 19.094 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002259.D

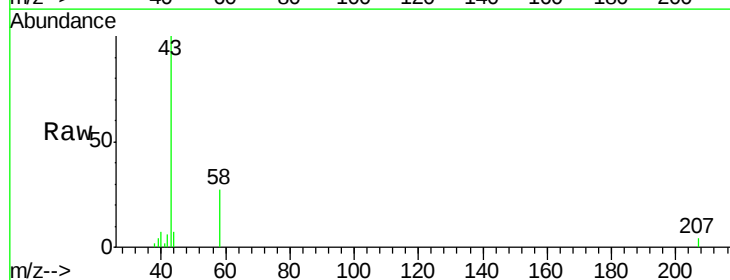
Acq: 08 Apr 2020 18:47

Tgt Ion: 43 Resp: 8084

Ion Ratio Lower Upper

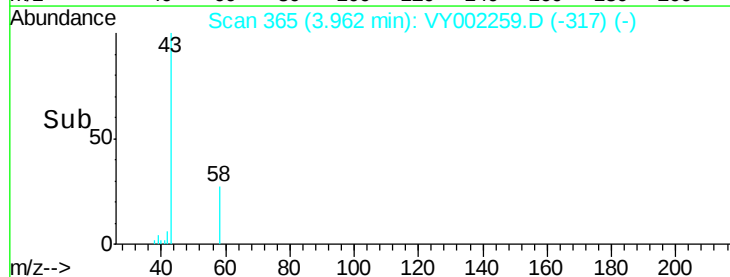
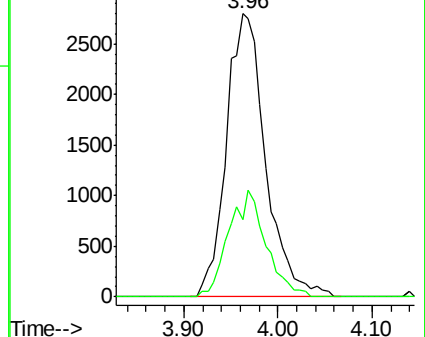
43 100

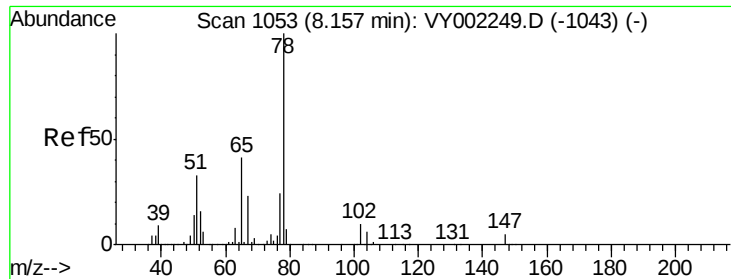
58 27.5 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#33

1,2-Dichloroethane-d4

Concen: 59.424 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002259.D

Acq: 08 Apr 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

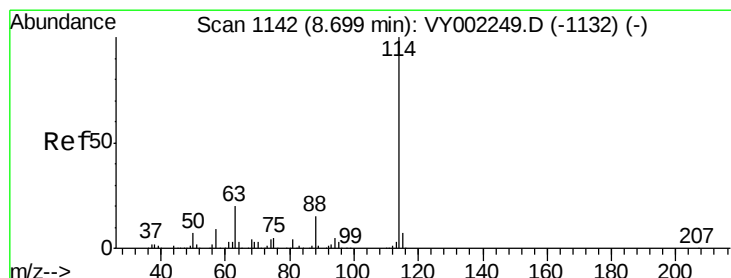
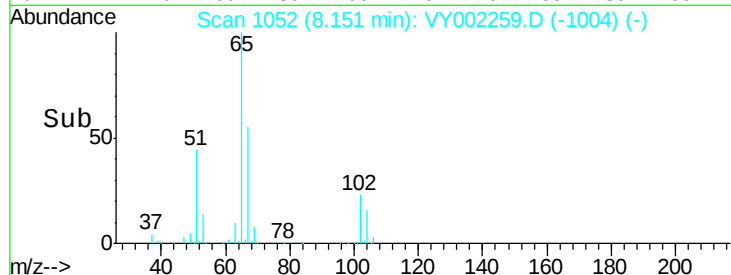
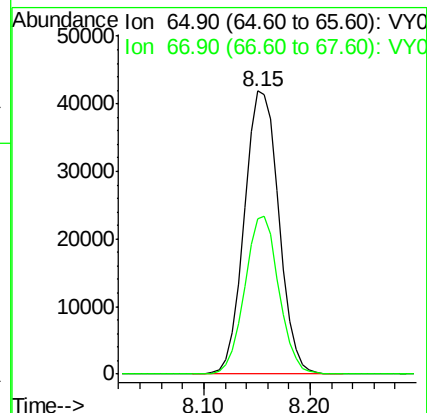
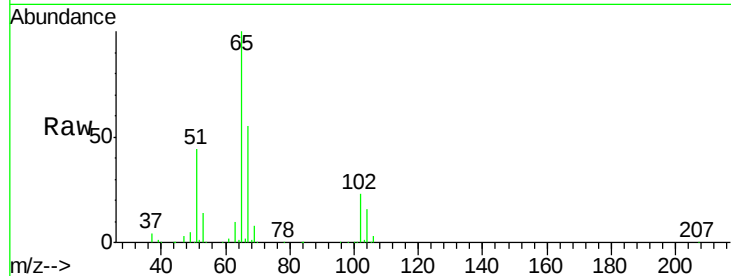
TP-39-38

Tot Ion: 65 Resp: 95520

Ion Ratio Lower Upper

65 100

67 54.9 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002259.D

Acq: 08 Apr 2020 18:47

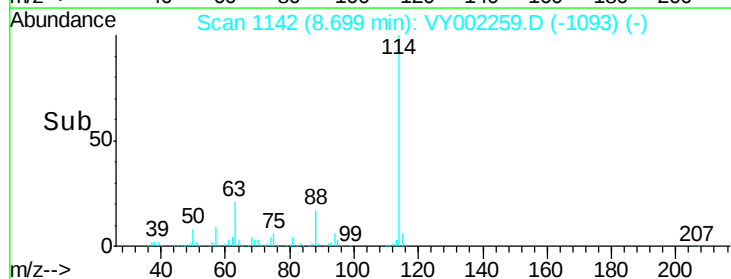
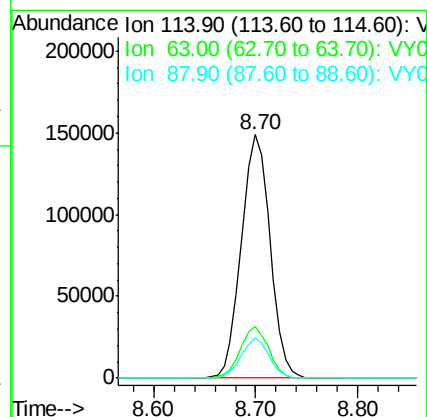
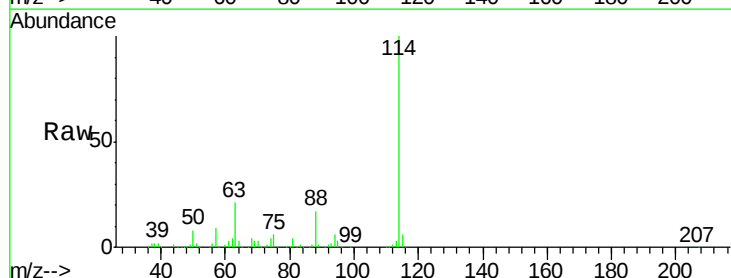
Tgt Ion: 114 Resp: 291066

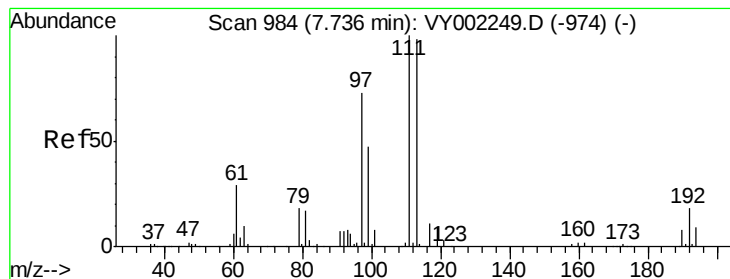
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

88 16.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002259.D

Acq: 08 Apr 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-39-38

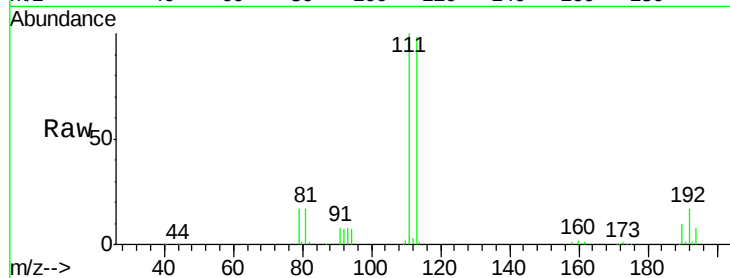
Tot Ion:113 Resp: 86819

Ion Ratio Lower Upper

113 100

111 103.5 83.5 125.3

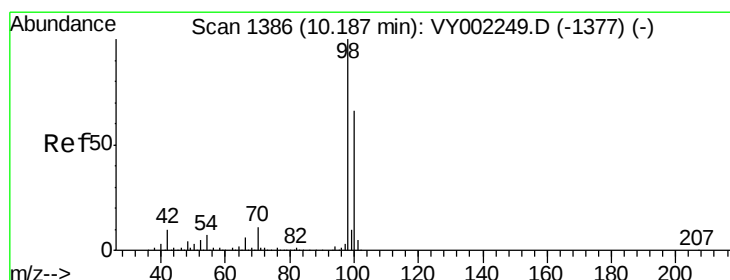
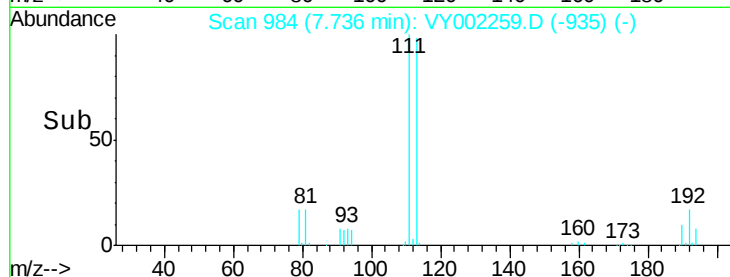
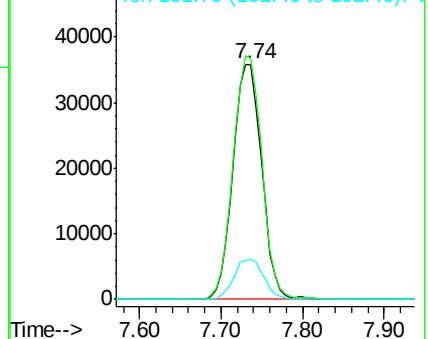
192 17.6 14.7 22.1



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: 49.141 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002259.D

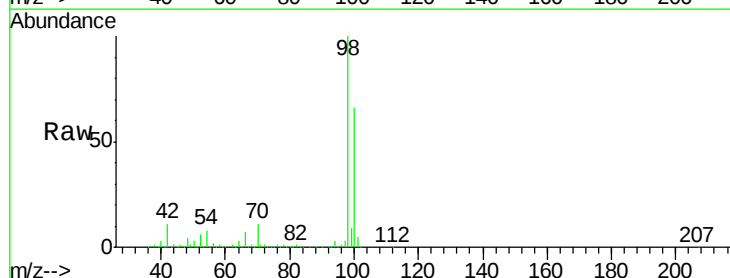
Acq: 08 Apr 2020 18:47

Tgt Ion: 98 Resp: 356231

Ion Ratio Lower Upper

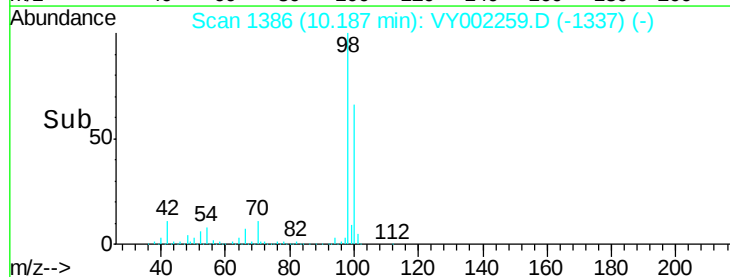
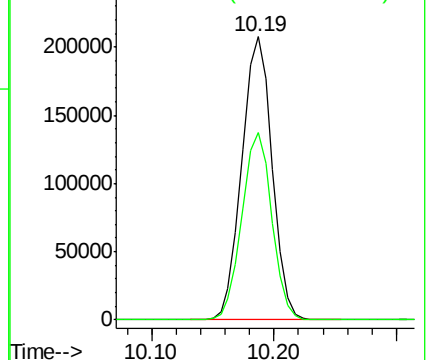
98 100

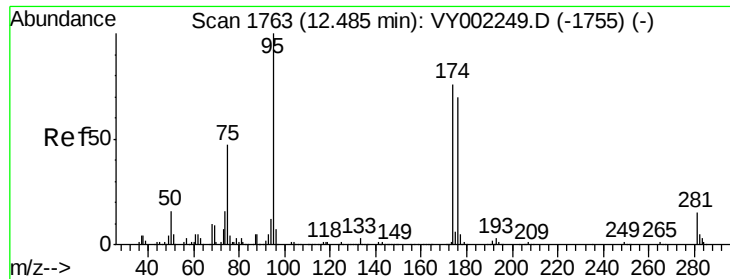
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

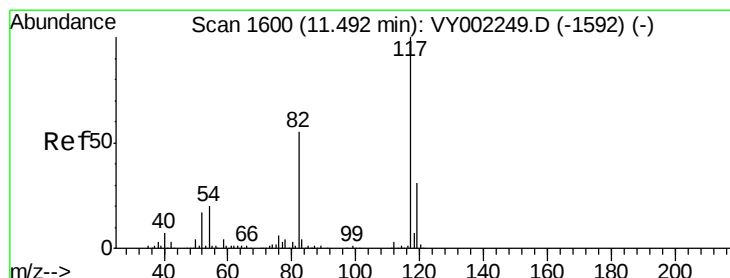
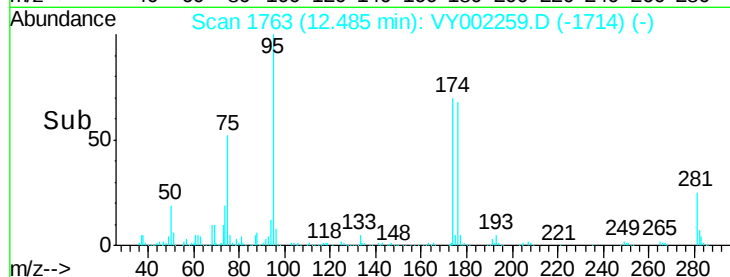
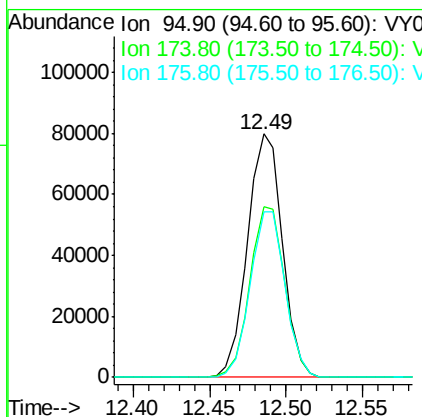
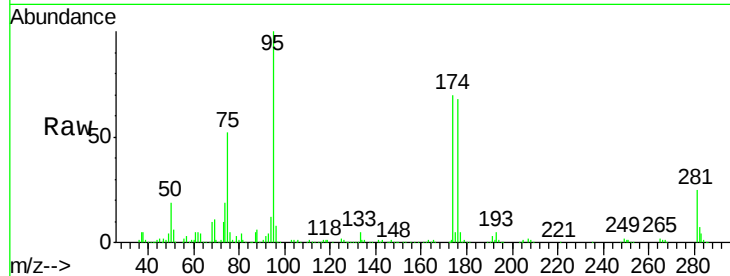




#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002259.D
Acq: 08 Apr 2020 18:47

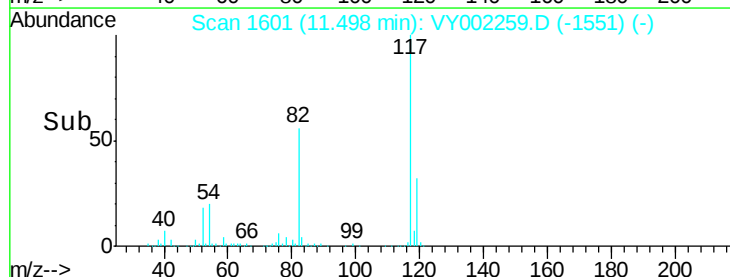
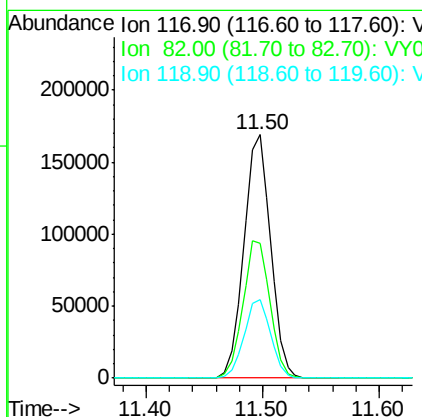
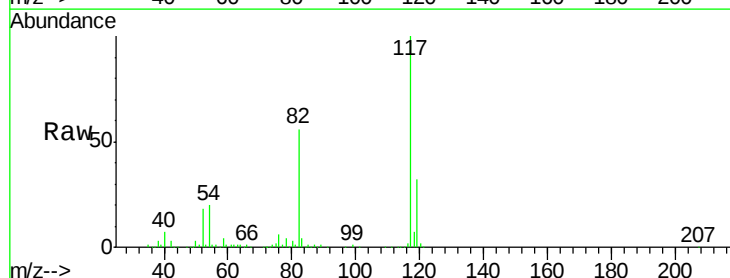
Instrument :
MSVOA_Y
ClientSampleId :
TP-39-38

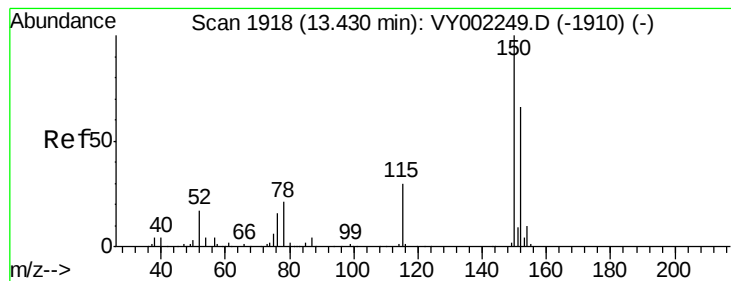
Tot Ion: 95 Resp: 126757
Ion Ratio Lower Upper
95 100
174 70.0 0.0 150.6
176 68.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002259.D
Acq: 08 Apr 2020 18:47

Tgt Ion: 117 Resp: 271291
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 32.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002259.D

Acq: 08 Apr 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-39-38

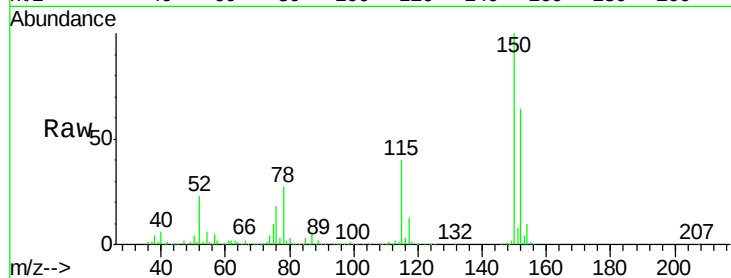
Tot Ion:152 Resp: 118115

Ion Ratio Lower Upper

152 100

115 61.2 30.7 92.1

150 157.1 0.0 350.6



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

