

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002315.D
 Acq On : 14 Apr 2020 17:40
 Operator : SY/MD
 Sample : L2230-07
 Misc : 6.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Apr 15 06:38:56 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

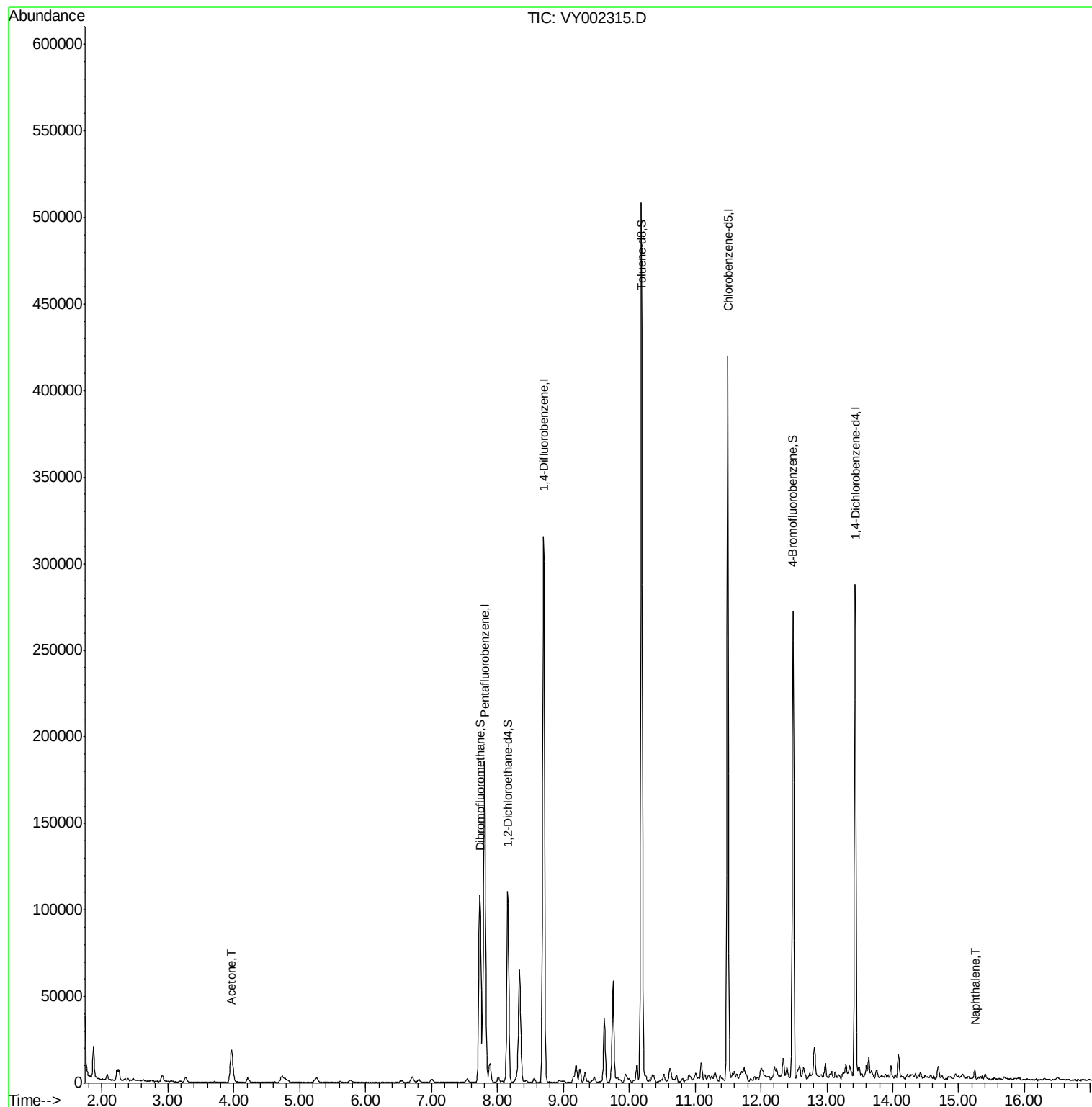
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	140056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	278881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	229194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	70739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	78226	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.74	113	81315	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.19	98	330814	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.49	95	88799	38.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.50%	
Target Compounds						
16) Acetone	3.97	43	32947	80.315	ug/l	98
95) Naphthalene	15.25	128	4032	1.308	ug/l	98

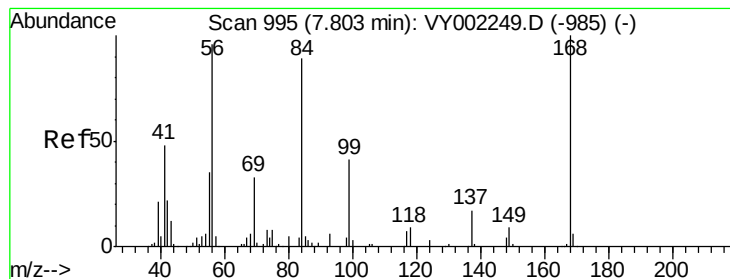
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002315.D

Acq: 14 Apr 2020 17:40

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MSVOA_Y

ClientSampleId :

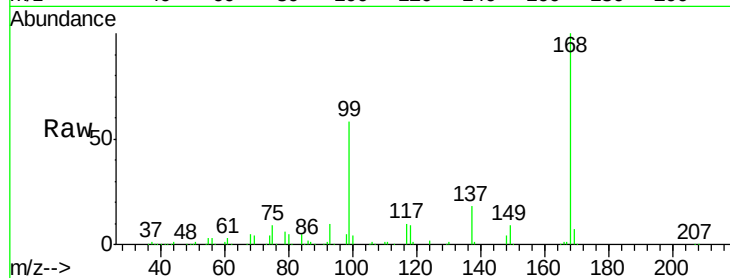
TP-4

Tot Ion:168 Resp: 140056

Ion Ratio Lower Upper

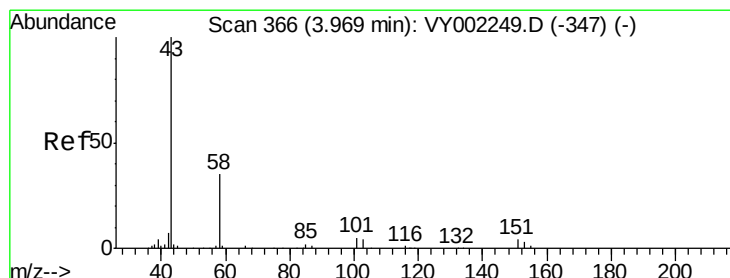
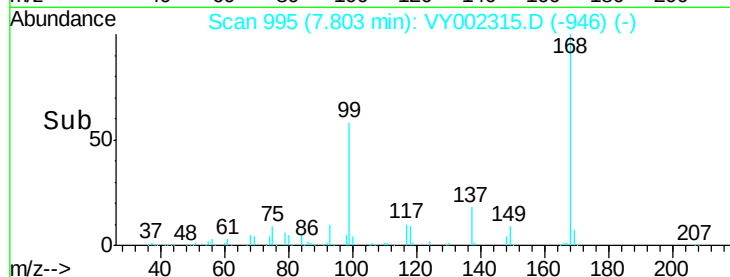
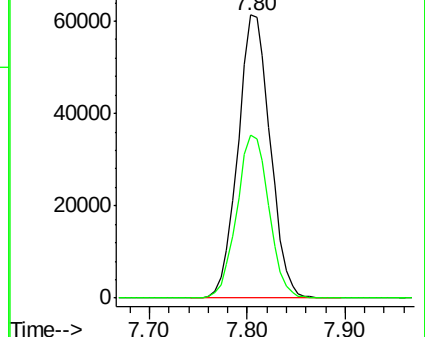
168 100

99 57.6 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: 80.315 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002315.D

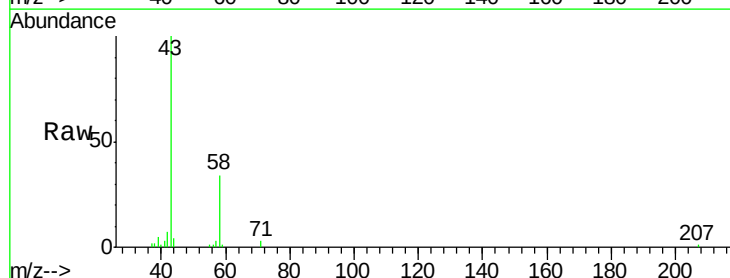
Acq: 14 Apr 2020 17:40

Tgt Ion: 43 Resp: 32947

Ion Ratio Lower Upper

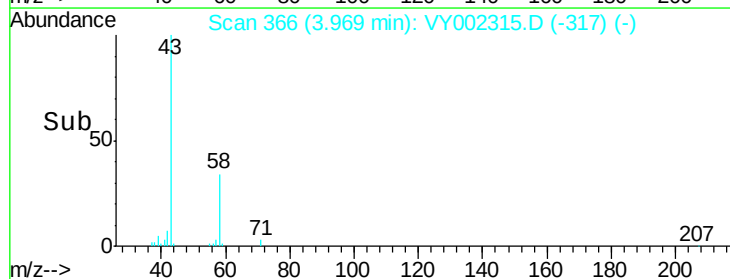
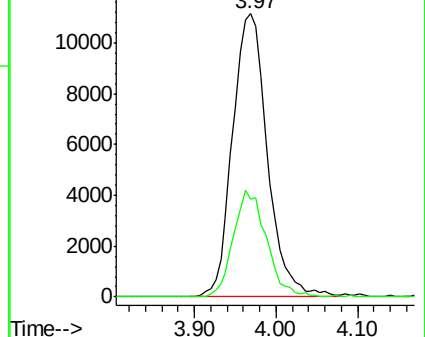
43 100

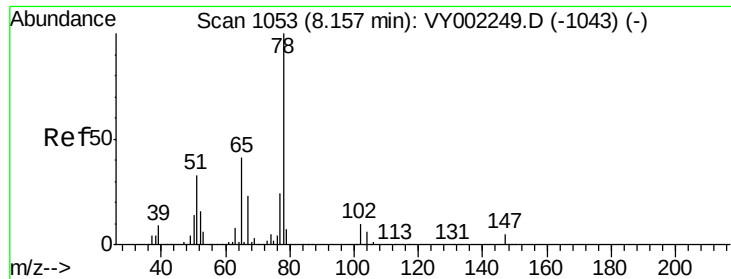
58 34.4 28.5 42.7



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

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

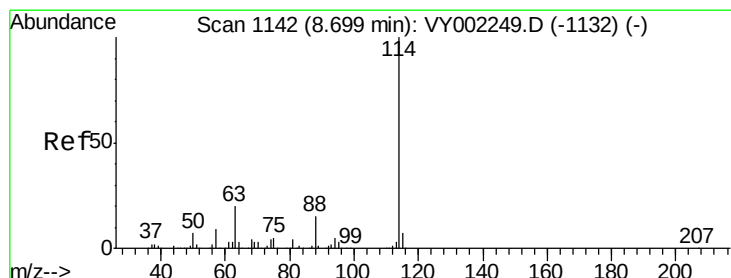
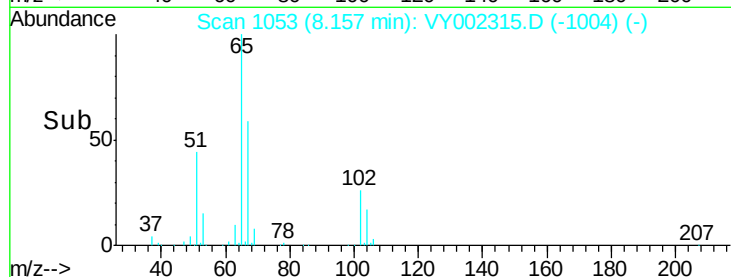
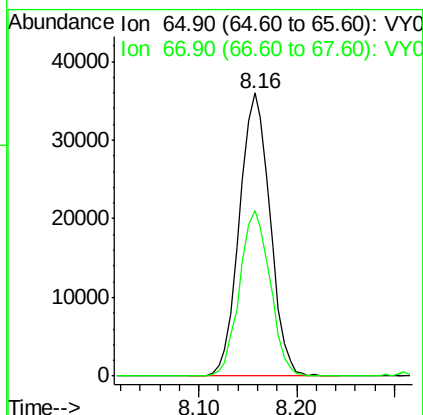
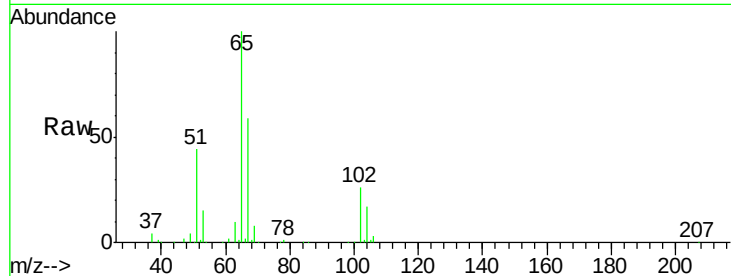




#33
 1,2-Dichloroethane-d4
 Concen: 50.225 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002315.D
 Acq: 14 Apr 2020 17:40

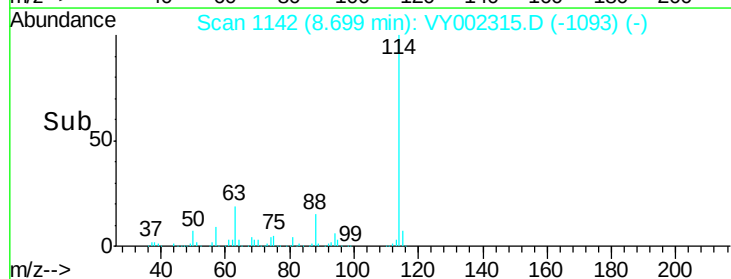
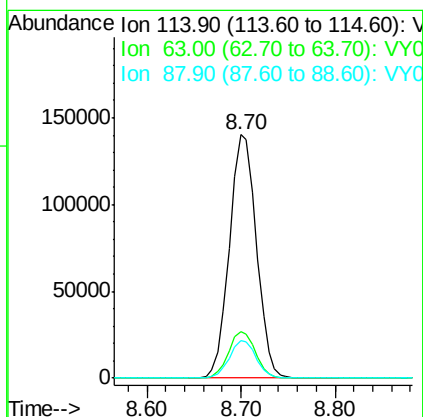
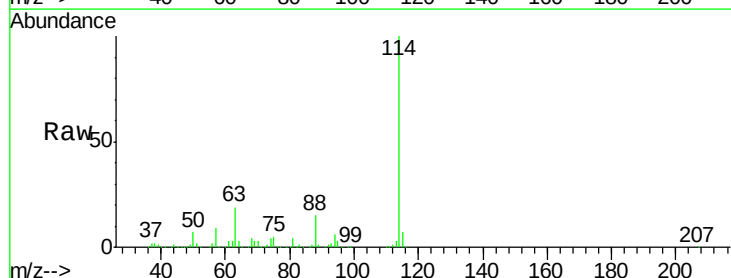
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-4

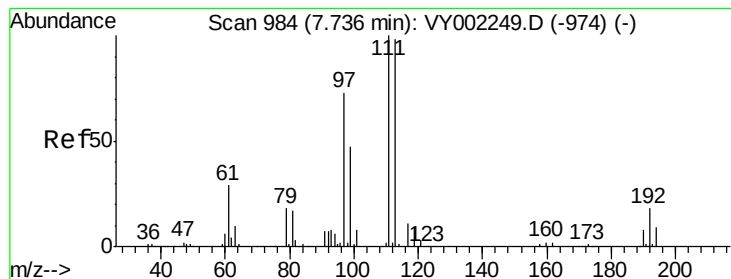
Tot Ion: 65 Resp: 78226
 Ion Ratio Lower Upper
 65 100
 67 58.4 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002315.D
 Acq: 14 Apr 2020 17:40

Tgt Ion: 114 Resp: 278881
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.002 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002315.D

Acq: 14 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

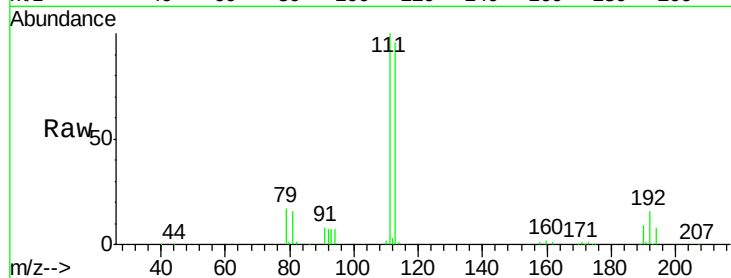
Tot Ion:113 Resp: 81315

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

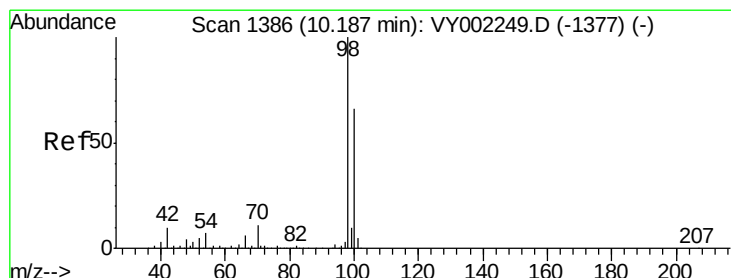
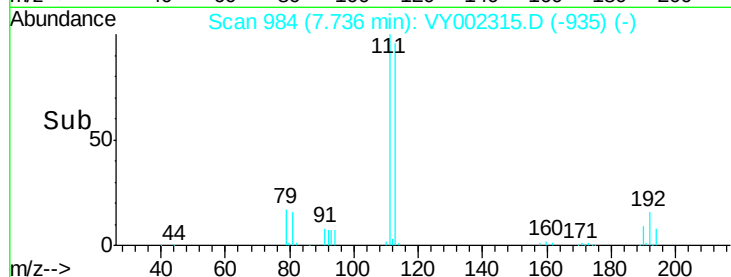
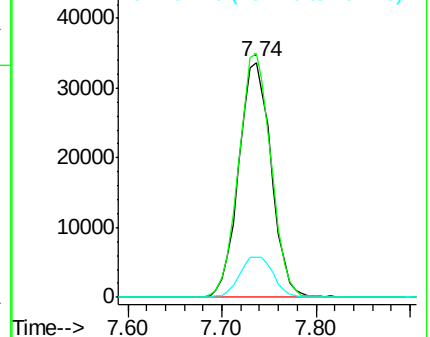
192 17.9 14.7 22.1



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: 47.629 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002315.D

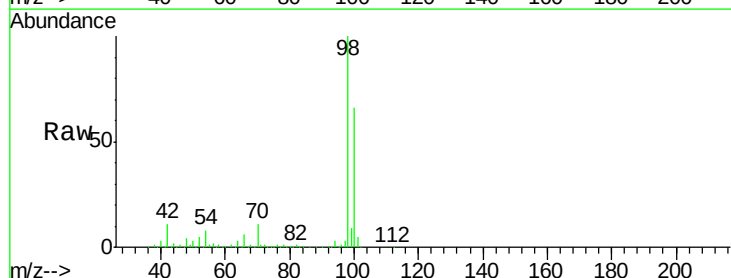
Acq: 14 Apr 2020 17:40

Tgt Ion: 98 Resp: 330814

Ion Ratio Lower Upper

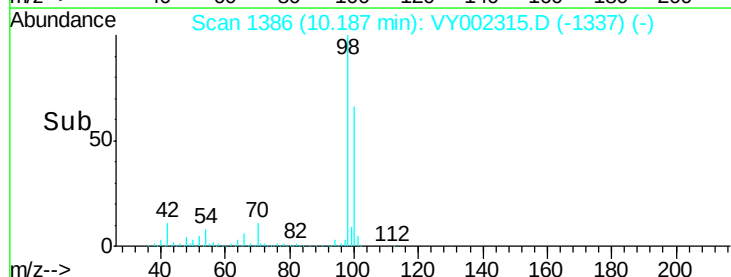
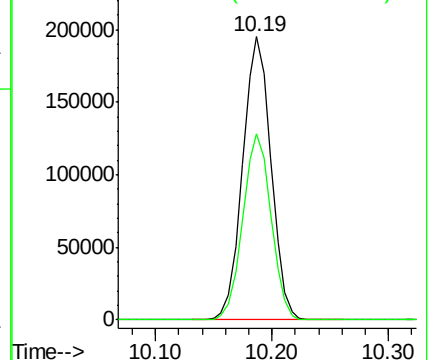
98 100

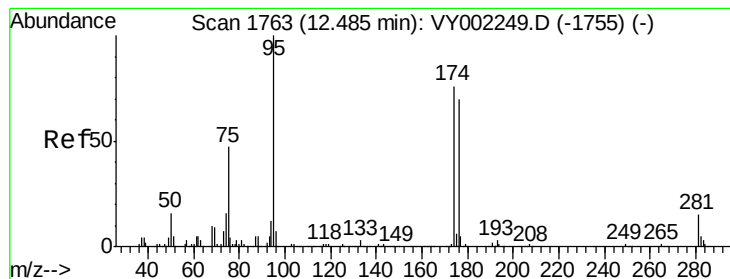
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 38.752 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002315.D

Acq: 14 Apr 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

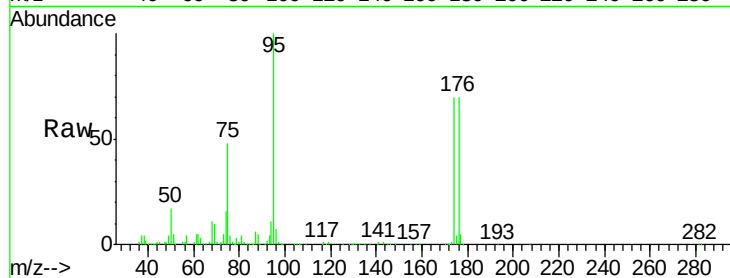
Tot Ion: 95 Resp: 88799

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

176 72.1 0.0 141.4



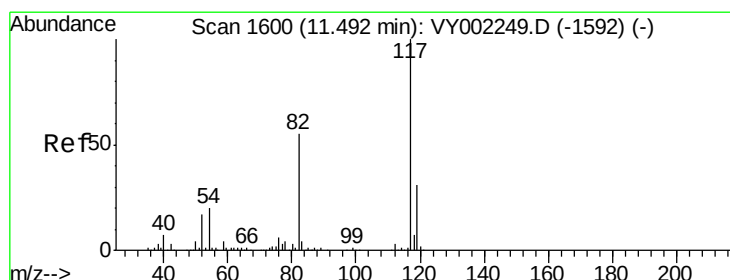
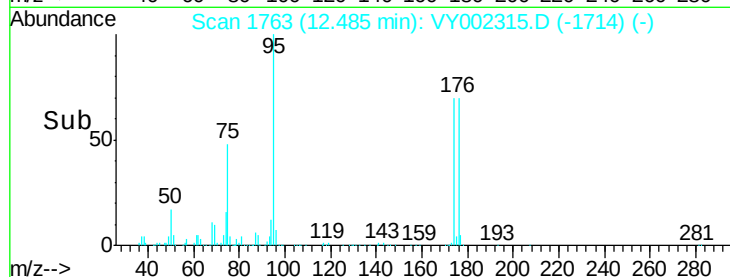
Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002315.D

Acq: 14 Apr 2020 17:40

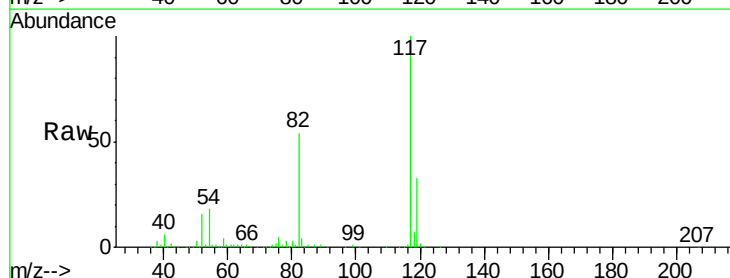
Tgt Ion: 117 Resp: 229194

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.4

119 32.6 25.1 37.7



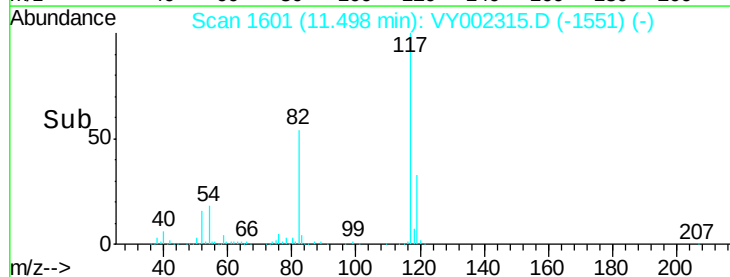
Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

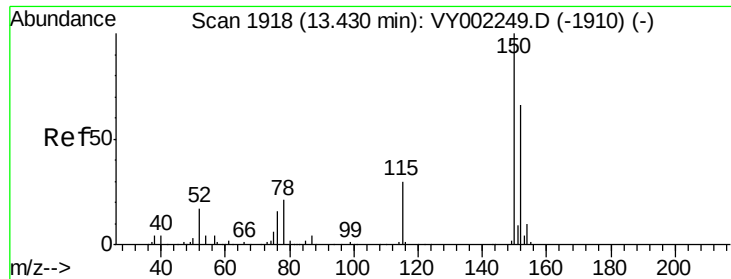
Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

11.50

Time-->



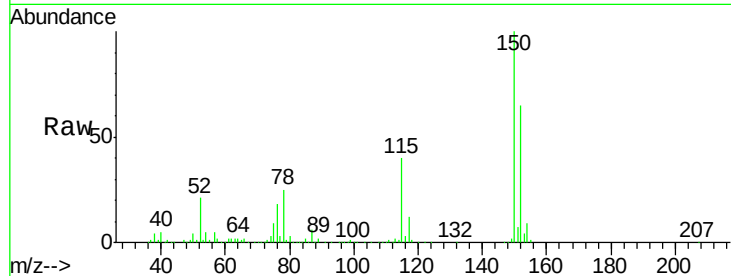


#72

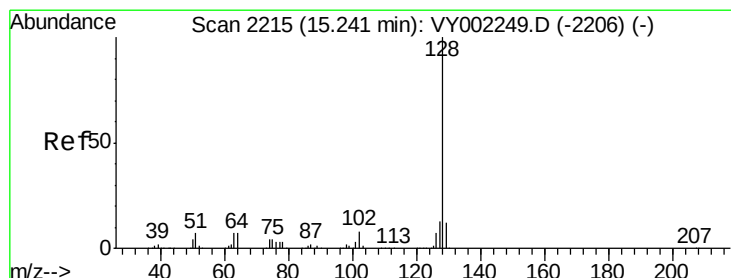
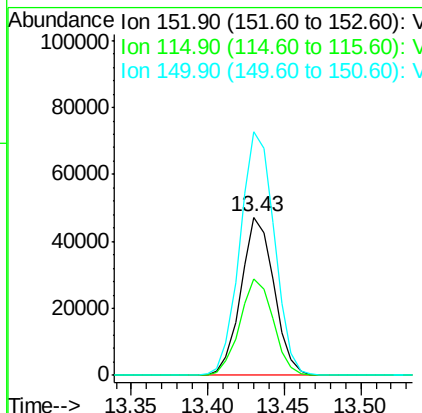
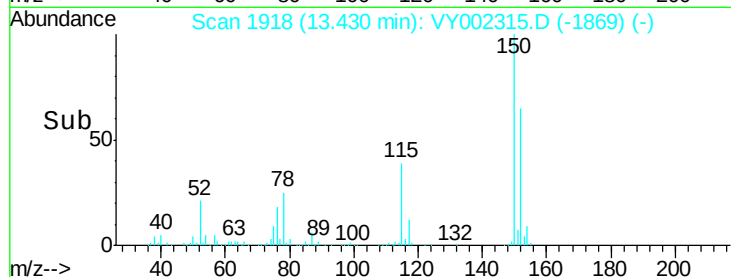
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002315.D
Acq: 14 Apr 2020 17:40

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tot Ion:152 Resp: 70739
Ion Ratio Lower Upper
152 100
115 62.2 30.7 92.1
150 160.5 0.0 350.6



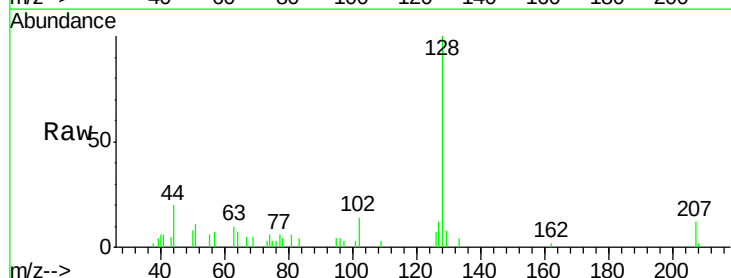
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.308 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002315.D
Acq: 14 Apr 2020 17:40

Tgt Ion:128 Resp: 4032
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

