

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000928.D
 Acq On : 12 Dec 2019 12:27
 Operator : SY/MD
 Sample : VY1212SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBL01

Quant Time: Dec 13 08:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

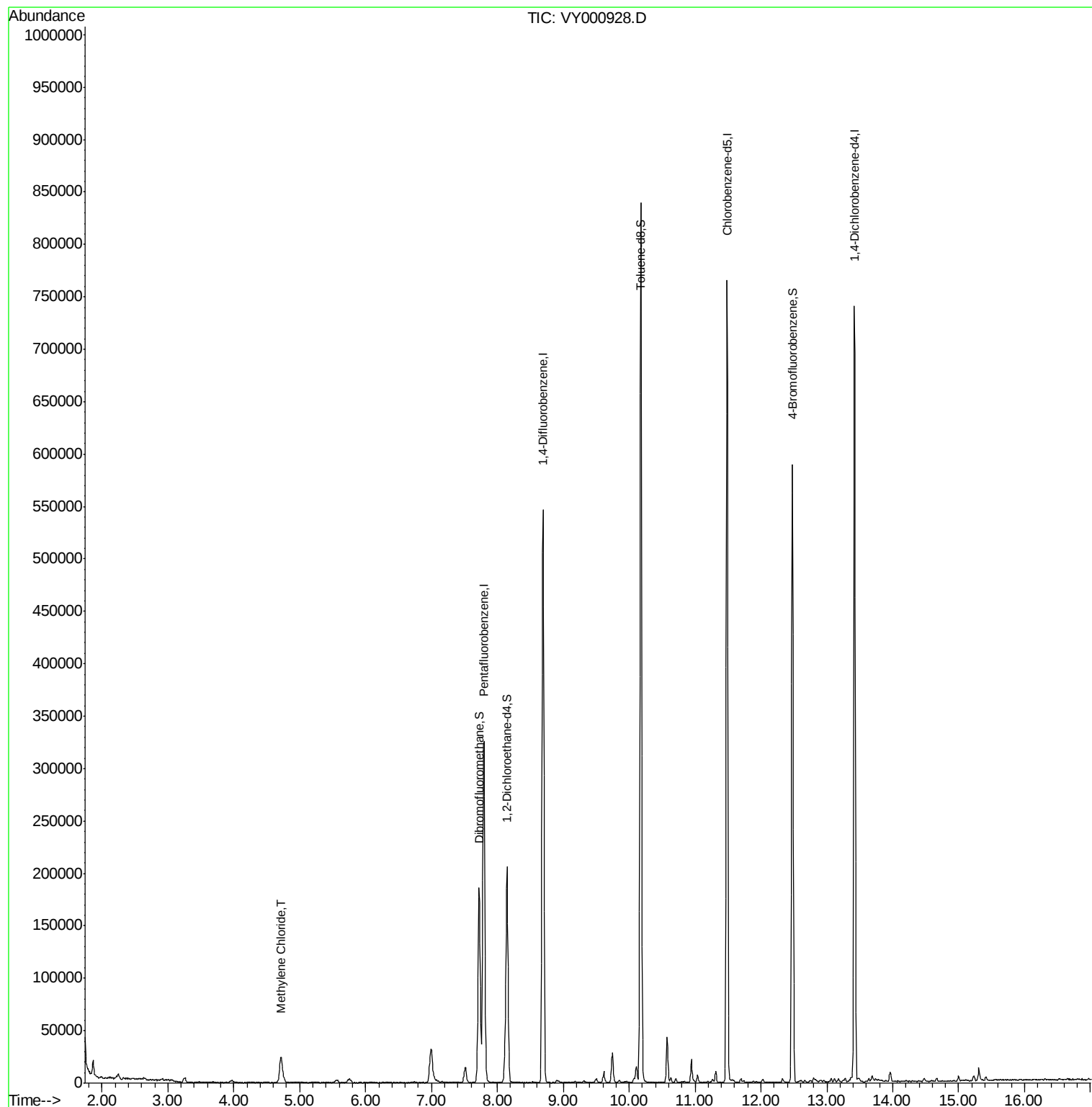
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	255004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	146736	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
35) Dibromofluoromethane	7.72	113	135077	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.17	98	551542	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.48	95	183276	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
20) Methylene Chloride	4.72	84	17130	5.228	ug/l	Qvalue 88

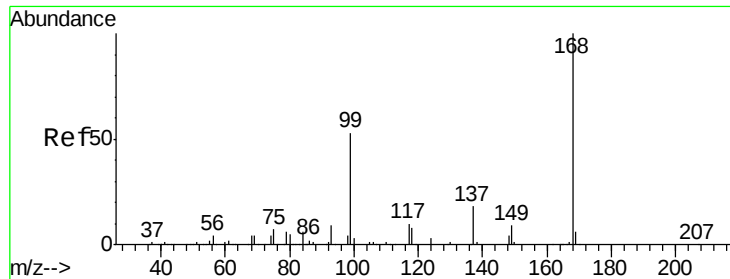
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

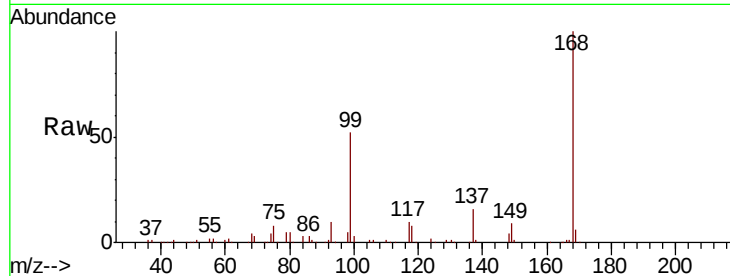
VY1212SBL01

Tot Ion:168 Resp: 255004

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000928.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000928.D (-946) (-)

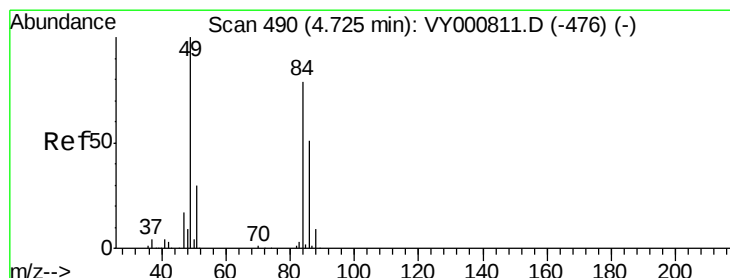
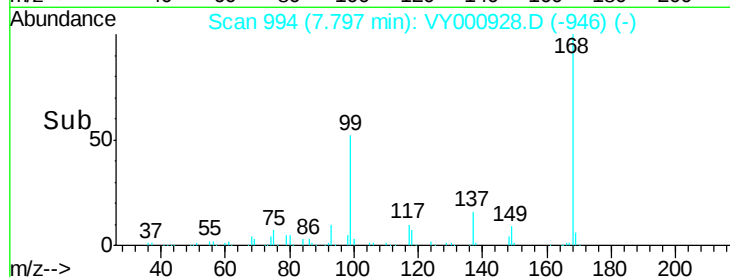
7.80

100000

50000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 5.228 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Tgt Ion: 84 Resp: 17130

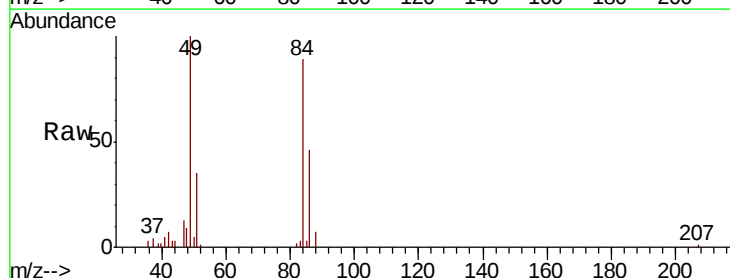
Ion Ratio Lower Upper

84 100

49 112.0 101.3 151.9

51 39.0 30.6 45.8

86 51.4 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000928.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000928.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000928.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000928.D (-441) (-)

4.72

10000

8000

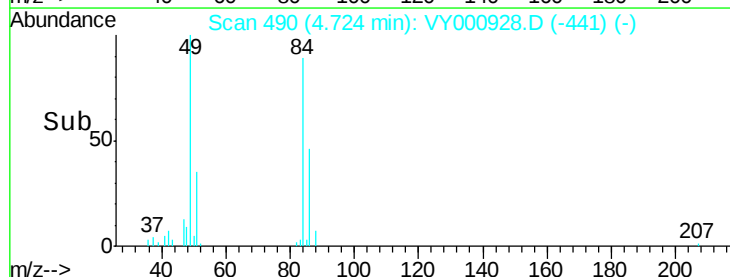
6000

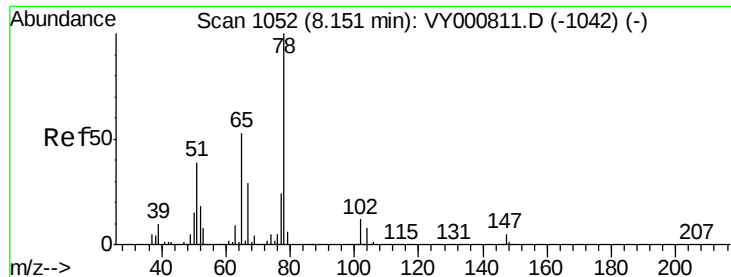
4000

2000

0

Time--> 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 54.153 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

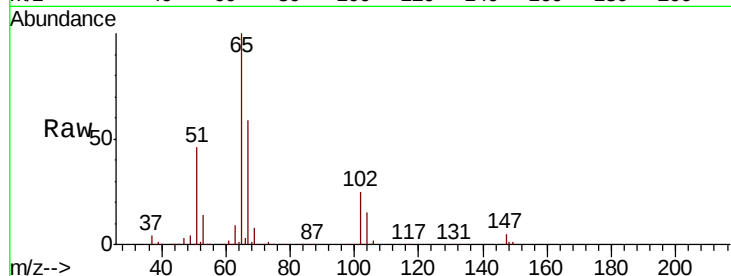
VY1212SBL01

Tot Ion: 65 Resp: 146736

Ion Ratio Lower Upper

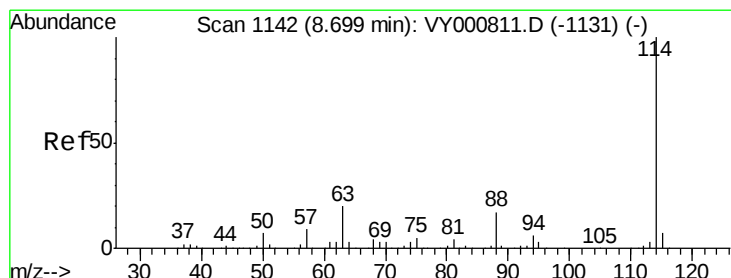
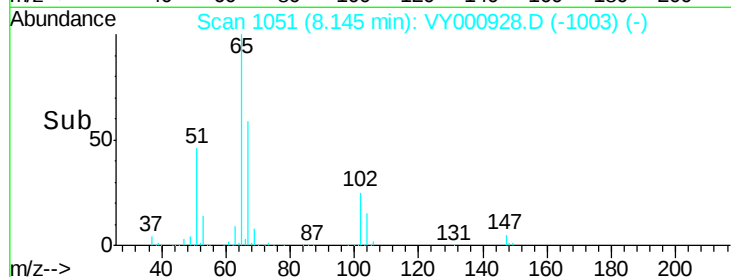
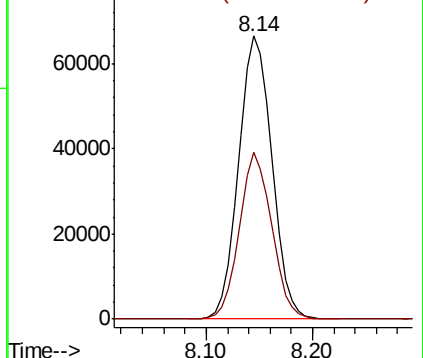
65 100

67 57.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

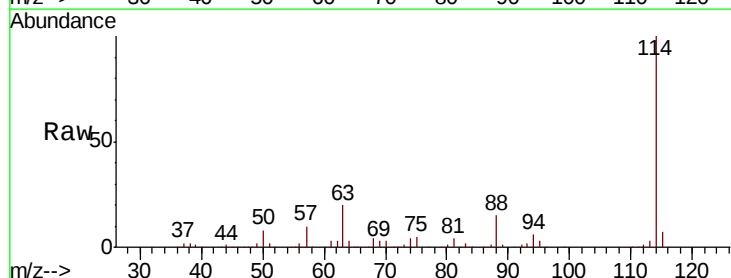
Tgt Ion:114 Resp: 459896

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

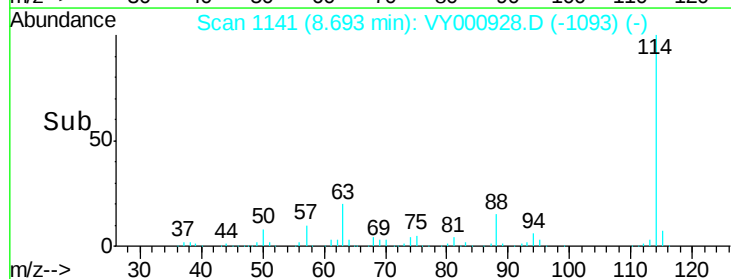
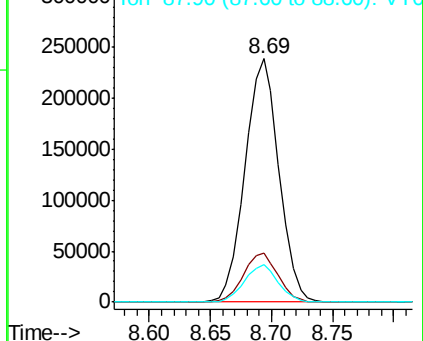
88 15.5 0.0 33.2

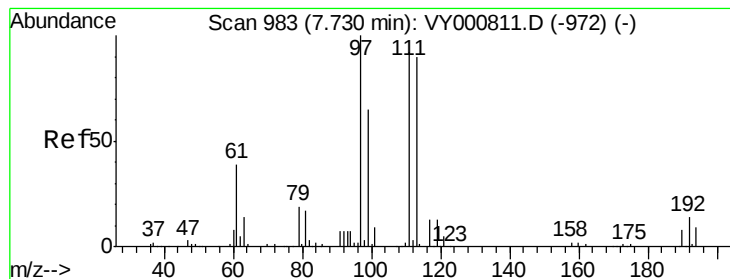


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.397 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBL01

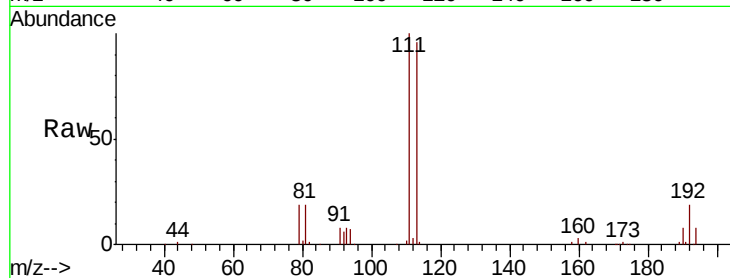
Tot Ion:113 Resp: 135077

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

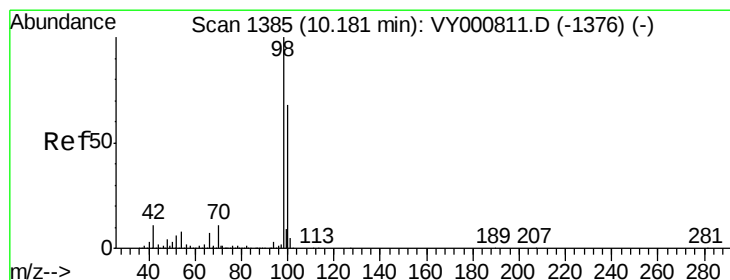
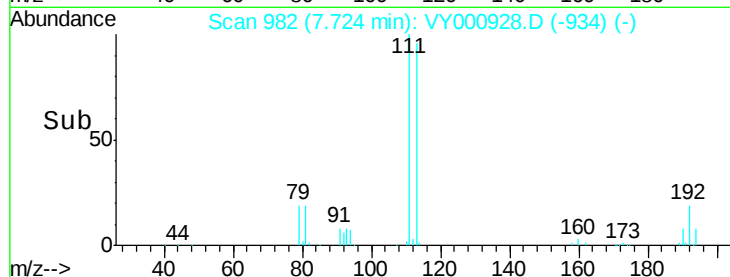
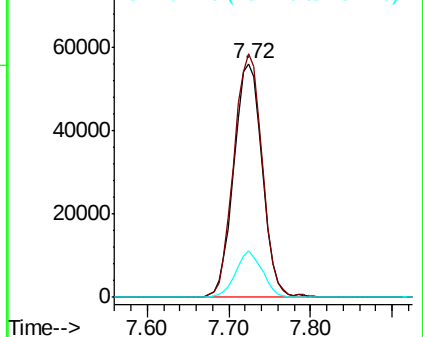
192 18.6 14.2 21.2



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: 51.471 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000928.D

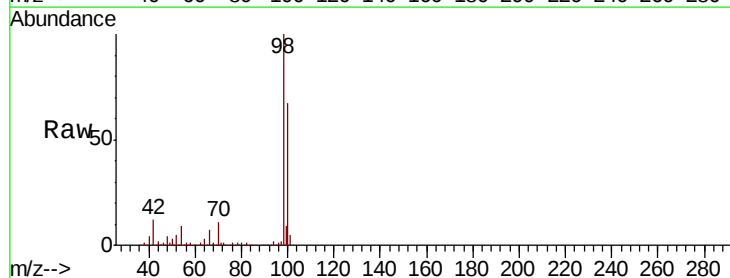
Acq: 12 Dec 2019 12:27

Tgt Ion: 98 Resp: 551542

Ion Ratio Lower Upper

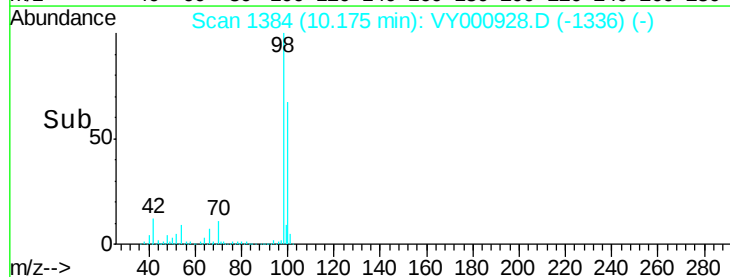
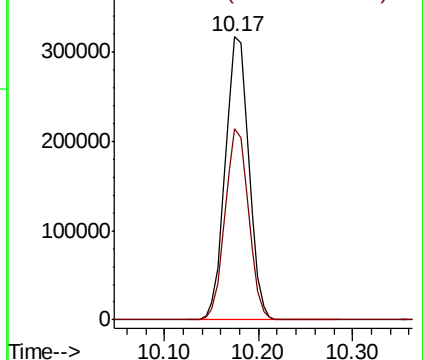
98 100

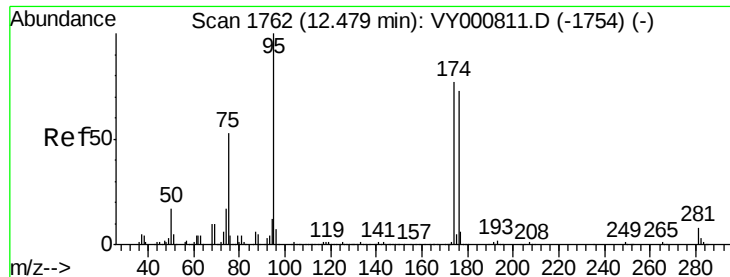
100 67.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

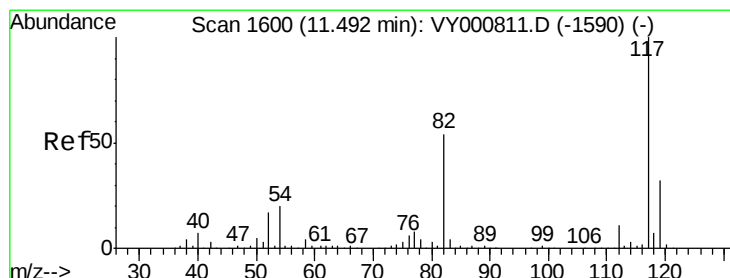
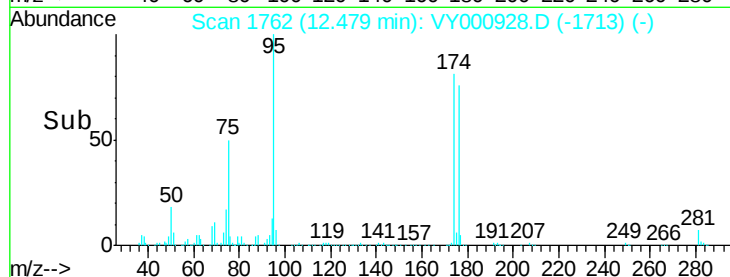
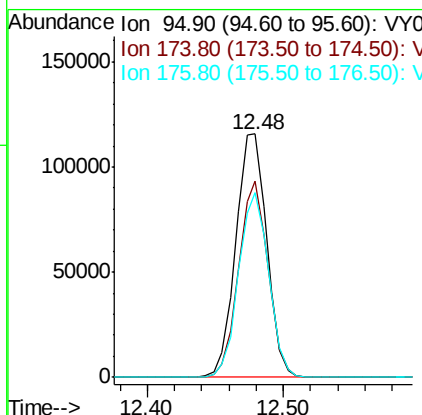
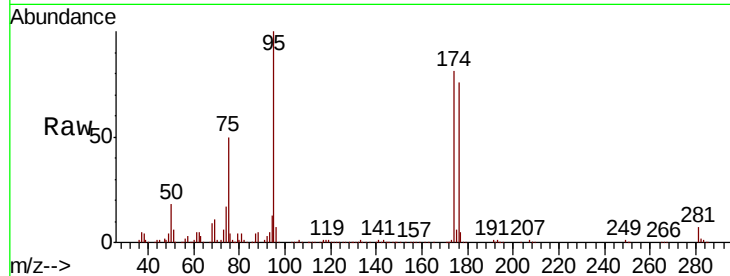




#62
4-Bromofluorobenzene
Concen: 45.543 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000928.D
Acq: 12 Dec 2019 12:27

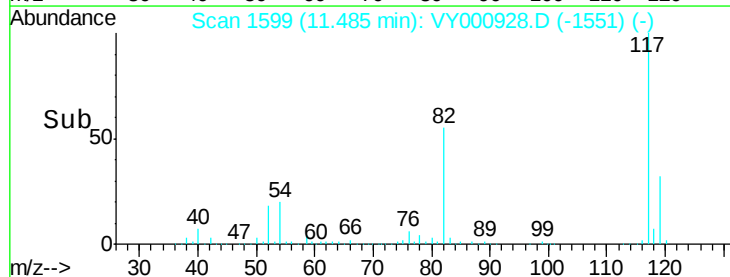
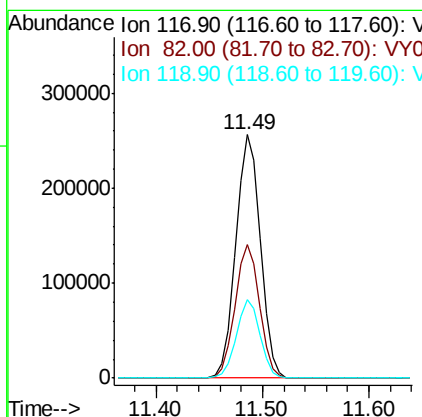
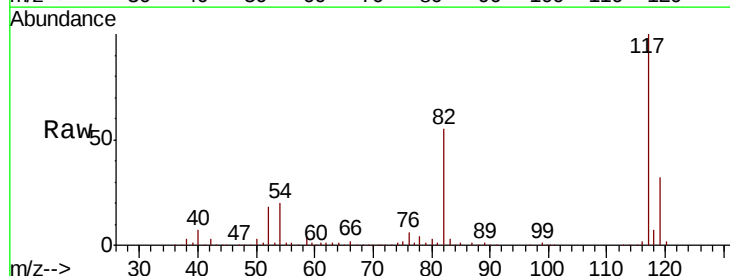
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

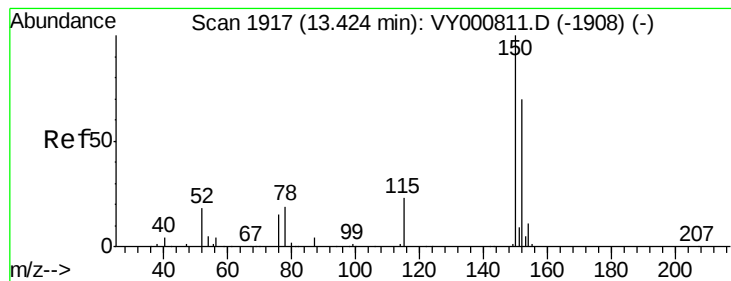
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	150.6
176	73.8	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000928.D
Acq: 12 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.1	64.7
119	32.1	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBL01

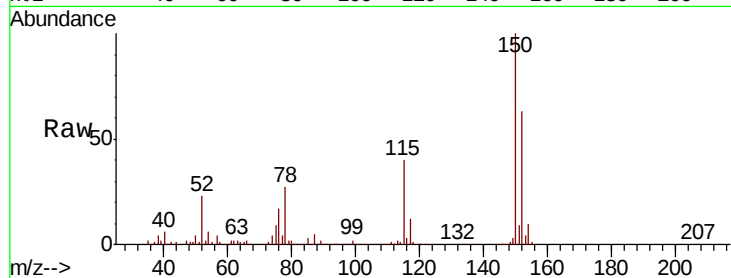
Tot Ion:152 Resp: 183173

Ion Ratio Lower Upper

152 100

115 60.1 29.3 87.8

150 157.2 0.0 351.2



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

