

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002408.D
 Acq On : 17 Apr 2020 18:33
 Operator : SY/MD
 Sample : L2272-02
 Misc : 7.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EAST-SAMPLE

Quant Time: Apr 18 07:35:17 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

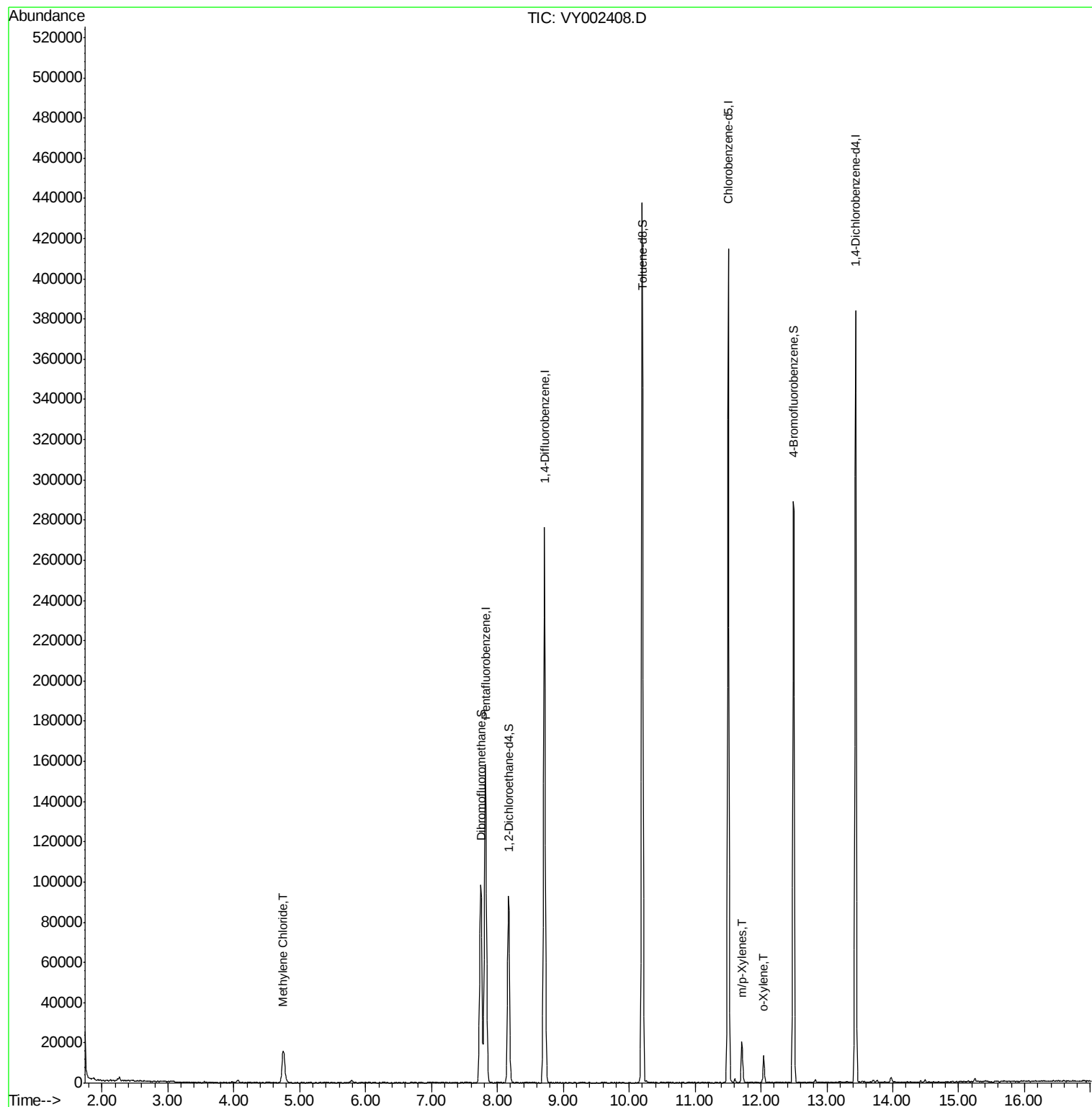
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	129160	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	256252	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	239187	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	101392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	62849	43.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.52%	
35) Dibromofluoromethane	7.75	113	73603	48.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.20	98	303891	47.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.49	95	97115	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
20) Methylene Chloride	4.75	84	13783	7.412	ug/l #	80
68) m/p-Xylenes	11.71	106	6887	2.020	ug/l	90
69) o-Xylene	12.04	106	3740	1.169	ug/l	93

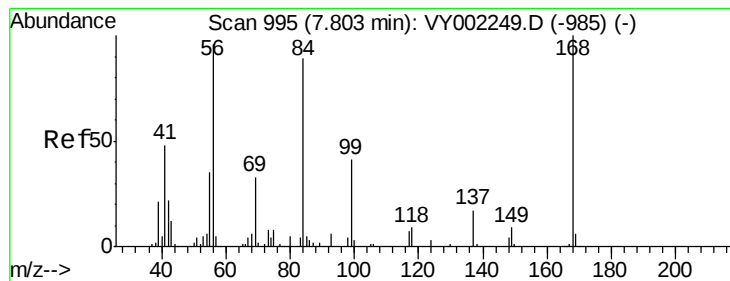
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

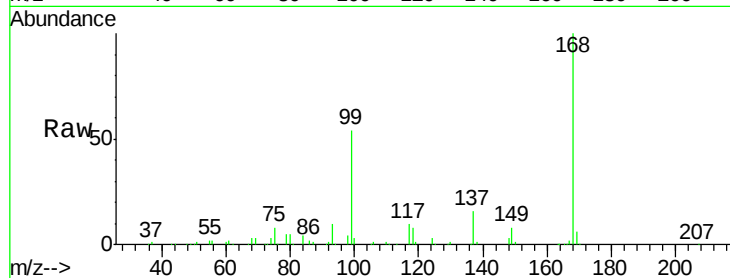
EAST-SAMPLE

Tot Ion:168 Resp: 129160

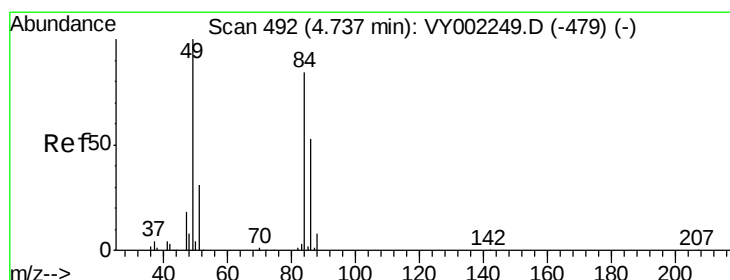
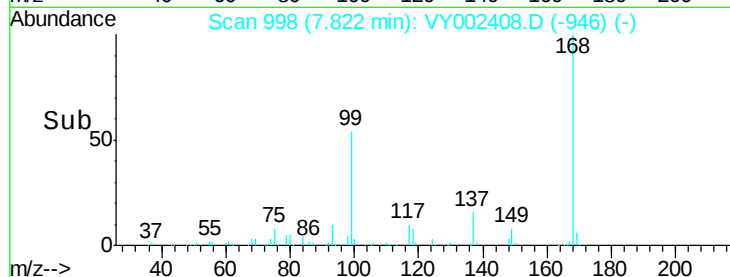
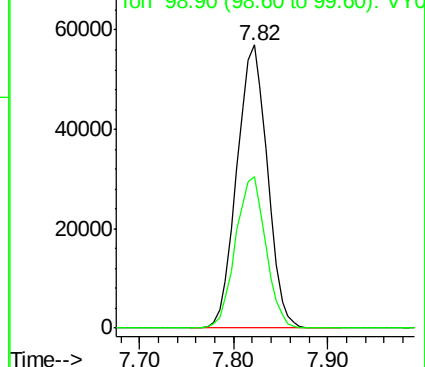
Ion Ratio Lower Upper

168 100

99 53.6 48.0 72.0



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



#20

Methylene Chloride

Concen: 7.412 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Tgt Ion: 84 Resp: 13783

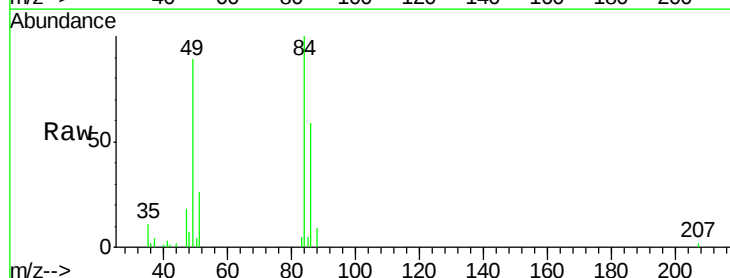
Ion Ratio Lower Upper

84 100

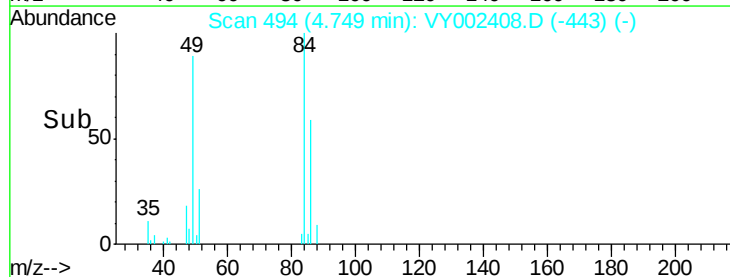
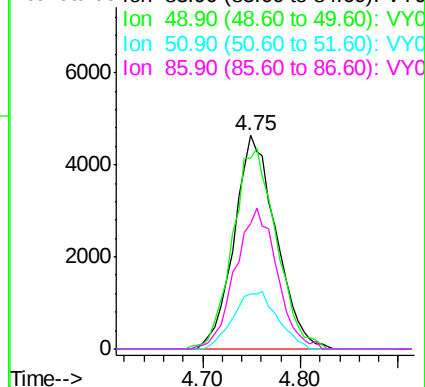
49 89.4 95.5 143.3#

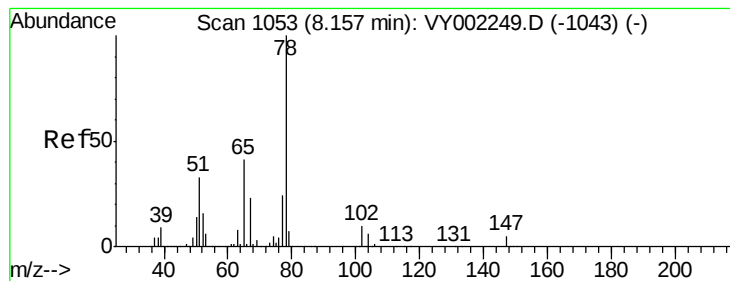
51 25.5 29.5 44.3#

86 58.6 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VY002249.D (-479) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.756 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

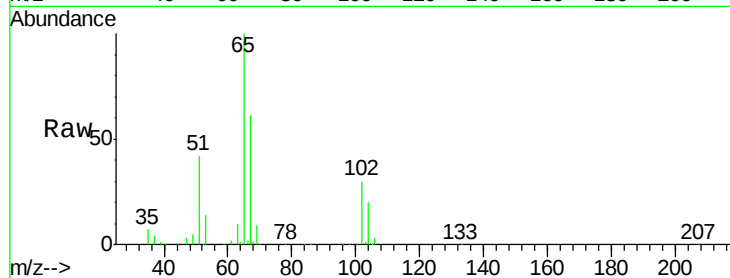
EAST-SAMPLE

Tot Ion: 65 Resp: 62849

Ion Ratio Lower Upper

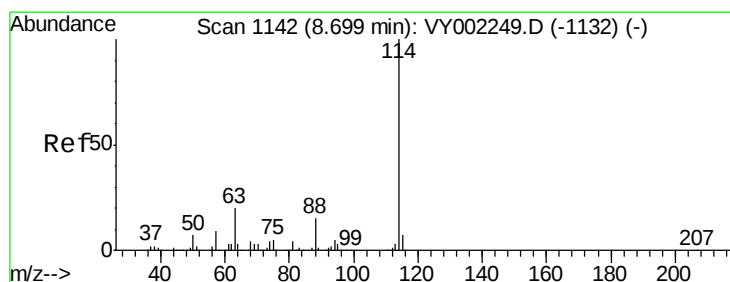
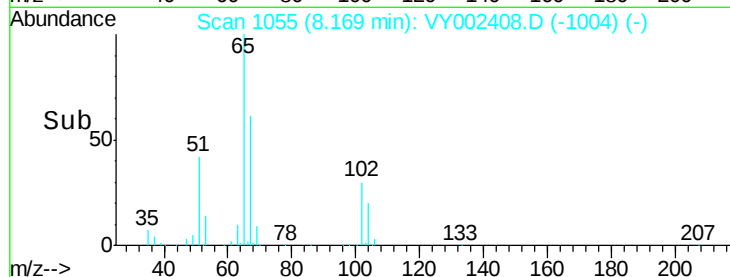
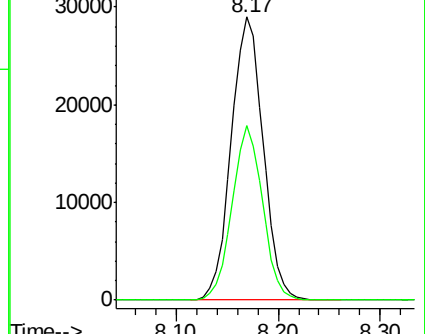
65 100

67 58.7 0.0 114.0



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: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

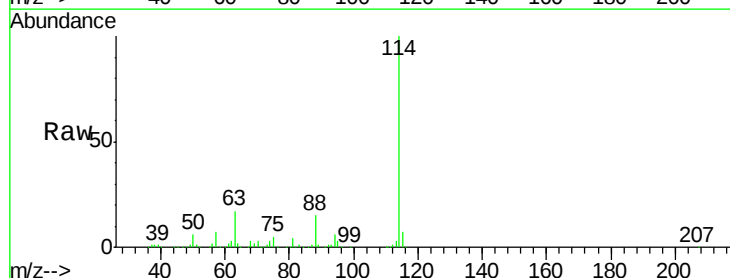
Tgt Ion: 114 Resp: 256252

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.0

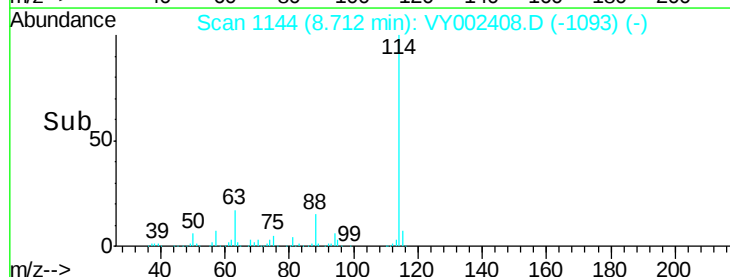
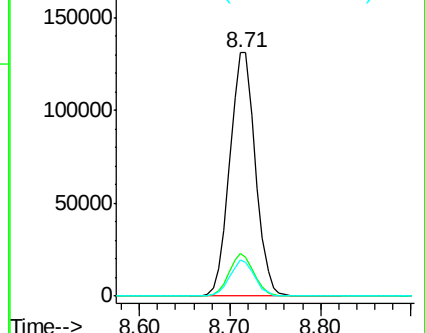
88 14.8 0.0 31.0

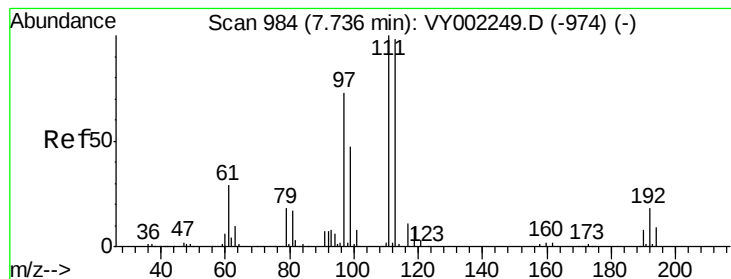


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 48.271 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.02 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

EAST-SAMPLE

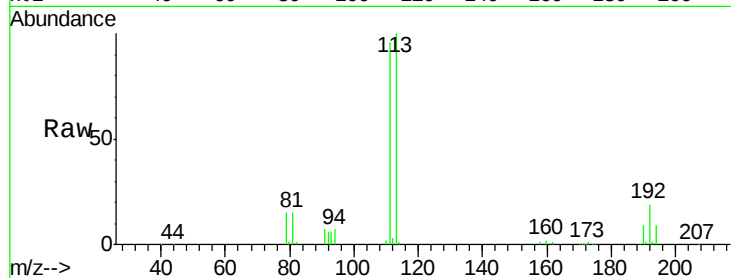
Tot Ion:113 Resp: 73603

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

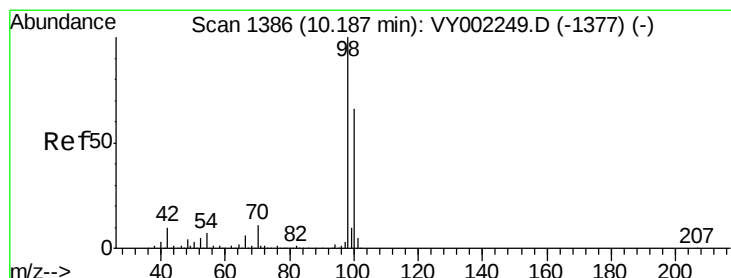
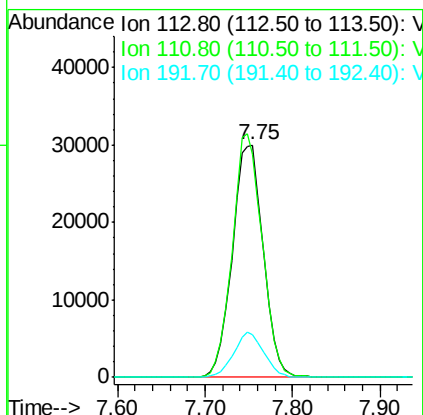
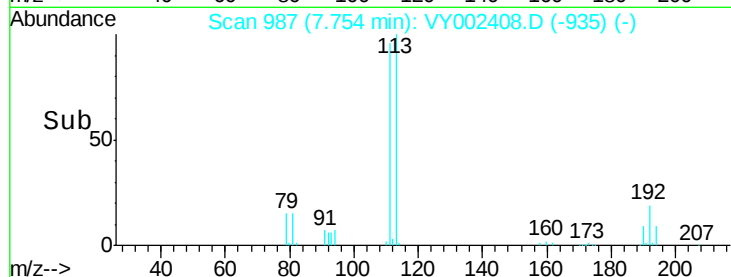
192 19.1 14.7 22.1



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: 47.616 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002408.D

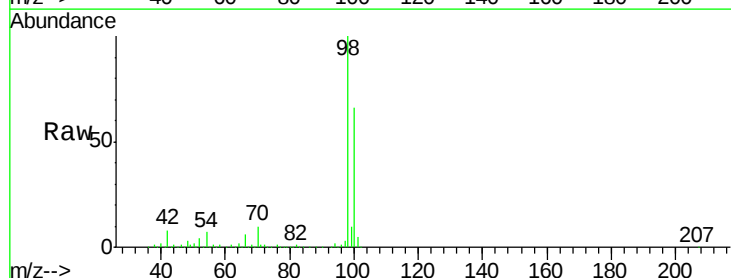
Acq: 17 Apr 2020 18:33

Tgt Ion: 98 Resp: 303891

Ion Ratio Lower Upper

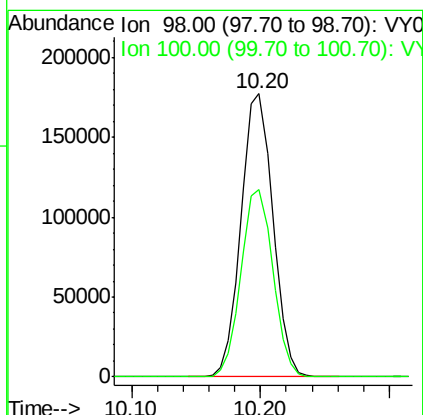
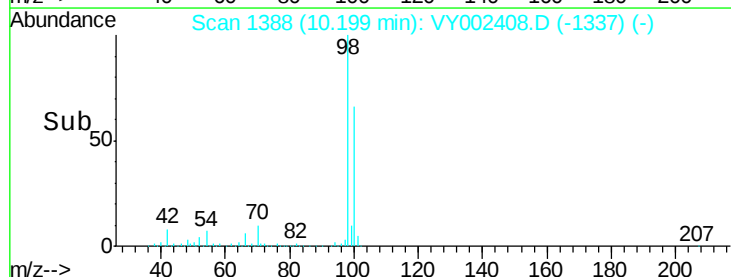
98 100

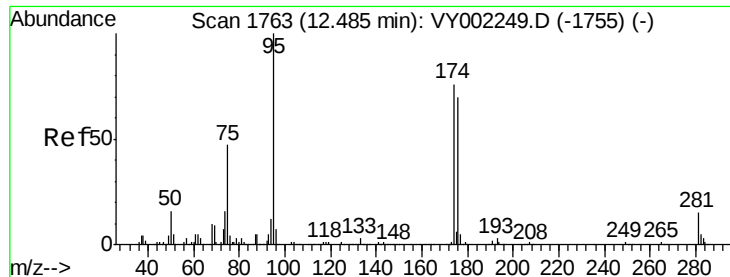
100 66.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

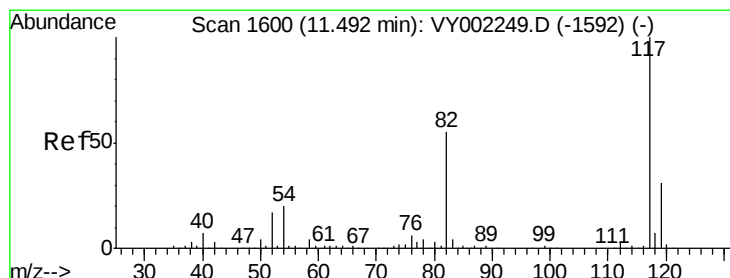
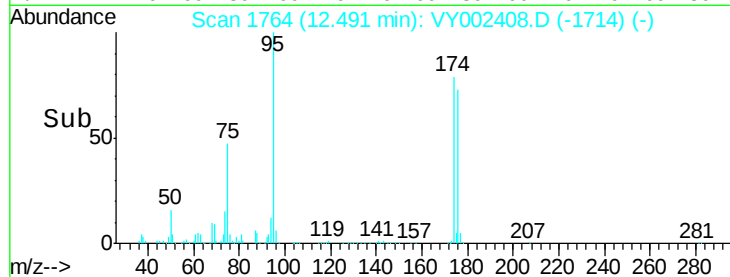
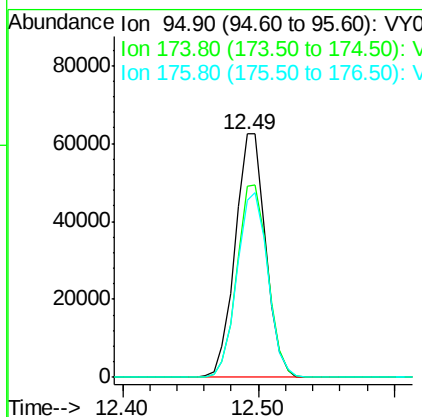
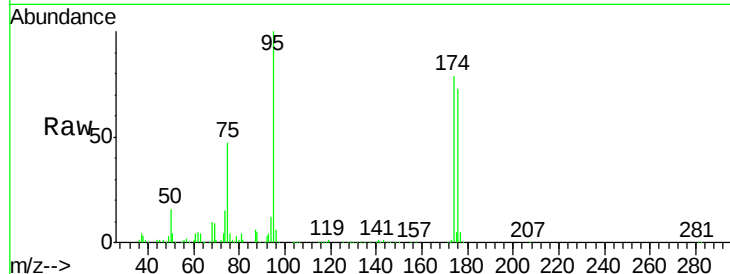




#62
4-Bromofluorobenzene
Concen: 46.123 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

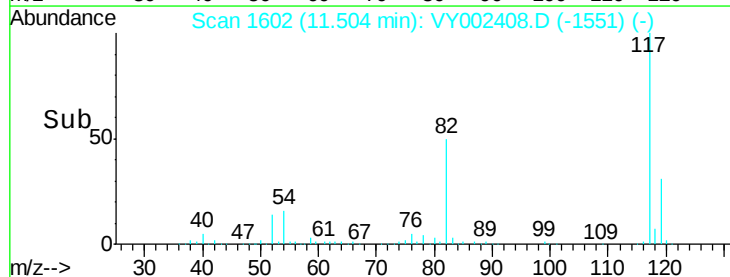
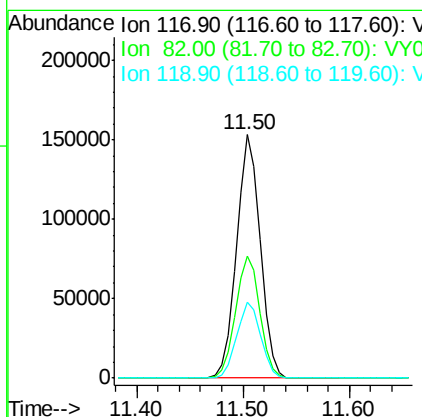
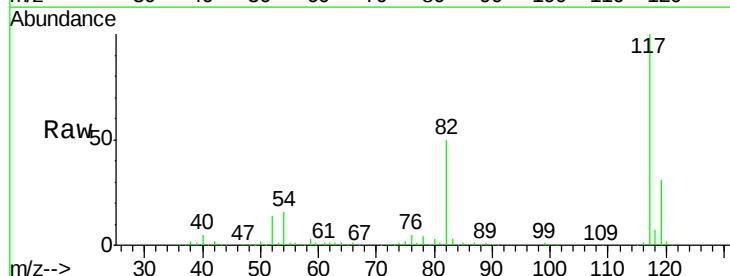
Instrument :
MSVOA_Y
ClientSampleId :
EAST-SAMPLE

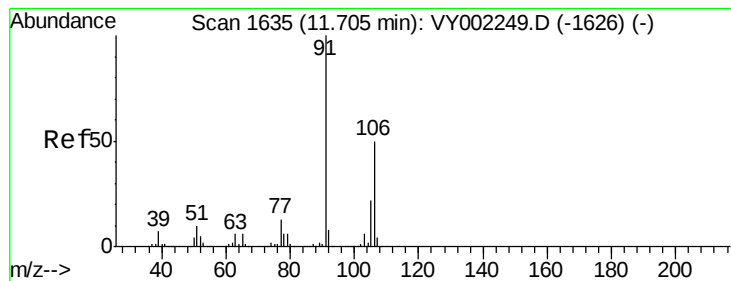
Tot Ion: 95 Resp: 97115
Ion Ratio Lower Upper
95 100
174 80.3 0.0 150.6
176 77.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002408.D
Acq: 17 Apr 2020 18:33

Tgt Ion: 117 Resp: 239187
Ion Ratio Lower Upper
117 100
82 50.0 44.2 66.4
119 31.1 25.1 37.7





#68

m/p-Xylenes

Concen: 2.020 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

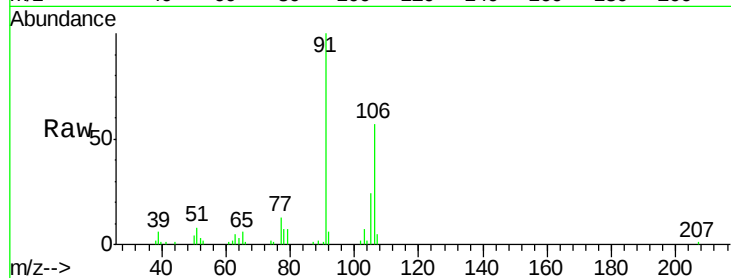
EAST-SAMPLE

Tot Ion:106 Resp: 6887

Ion Ratio Lower Upper

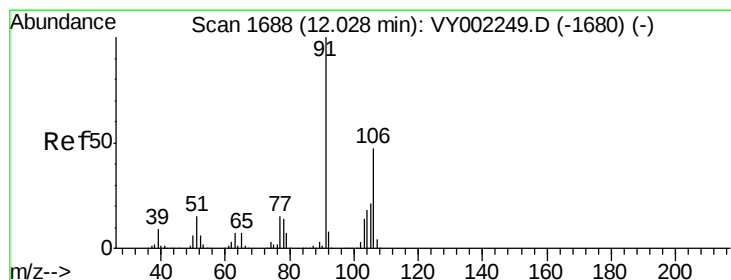
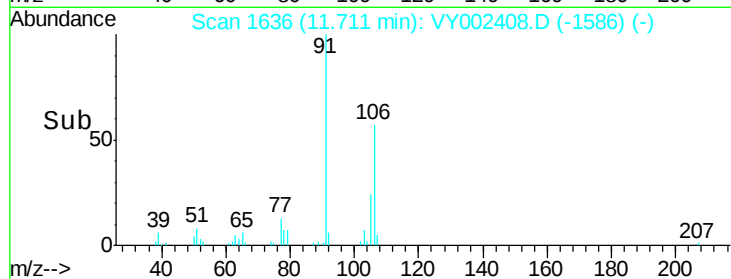
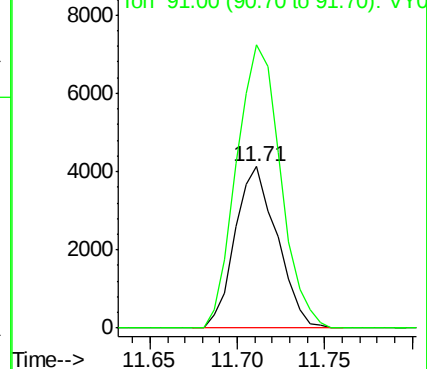
106 100

91 184.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 1.169 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VY002408.D

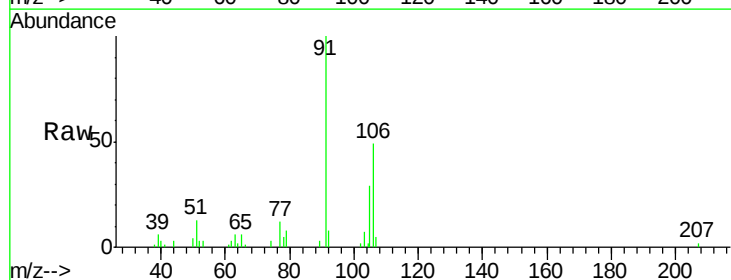
Acq: 17 Apr 2020 18:33

Tgt Ion:106 Resp: 3740

Ion Ratio Lower Upper

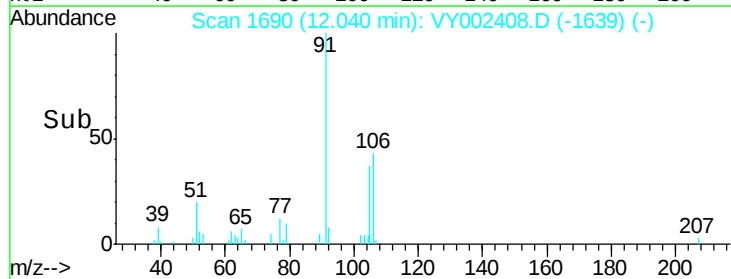
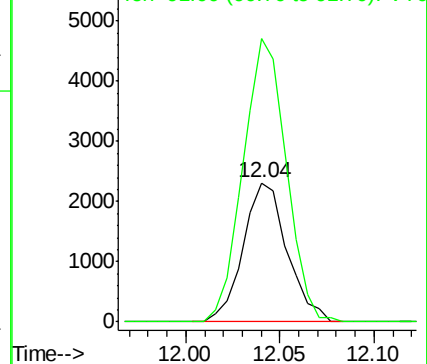
106 100

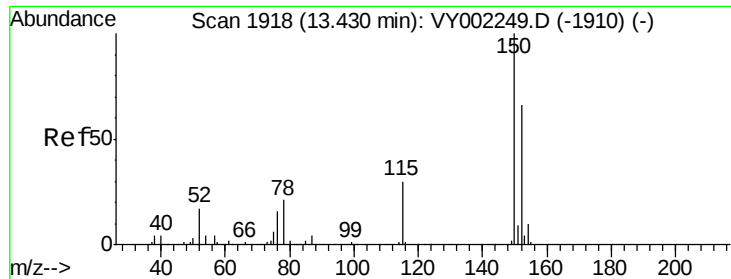
91 199.9 105.8 317.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002408.D

Acq: 17 Apr 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

EAST-SAMPLE

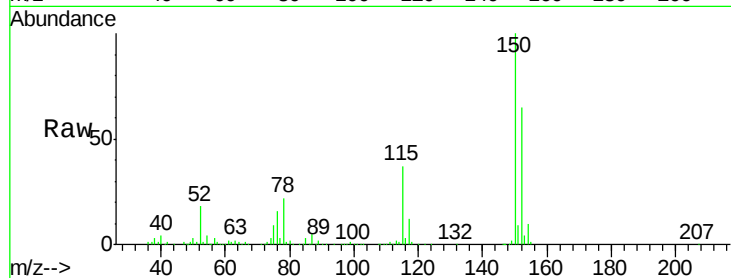
Tot Ion:152 Resp: 101392

Ion Ratio Lower Upper

152 100

115 57.8 30.7 92.1

150 157.3 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

