

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001966.D
 Acq On : 12 Mar 2020 19:48
 Operator : SY/MD
 Sample : L1913-16
 Misc : 6.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B4

Quant Time: Mar 13 06:49:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

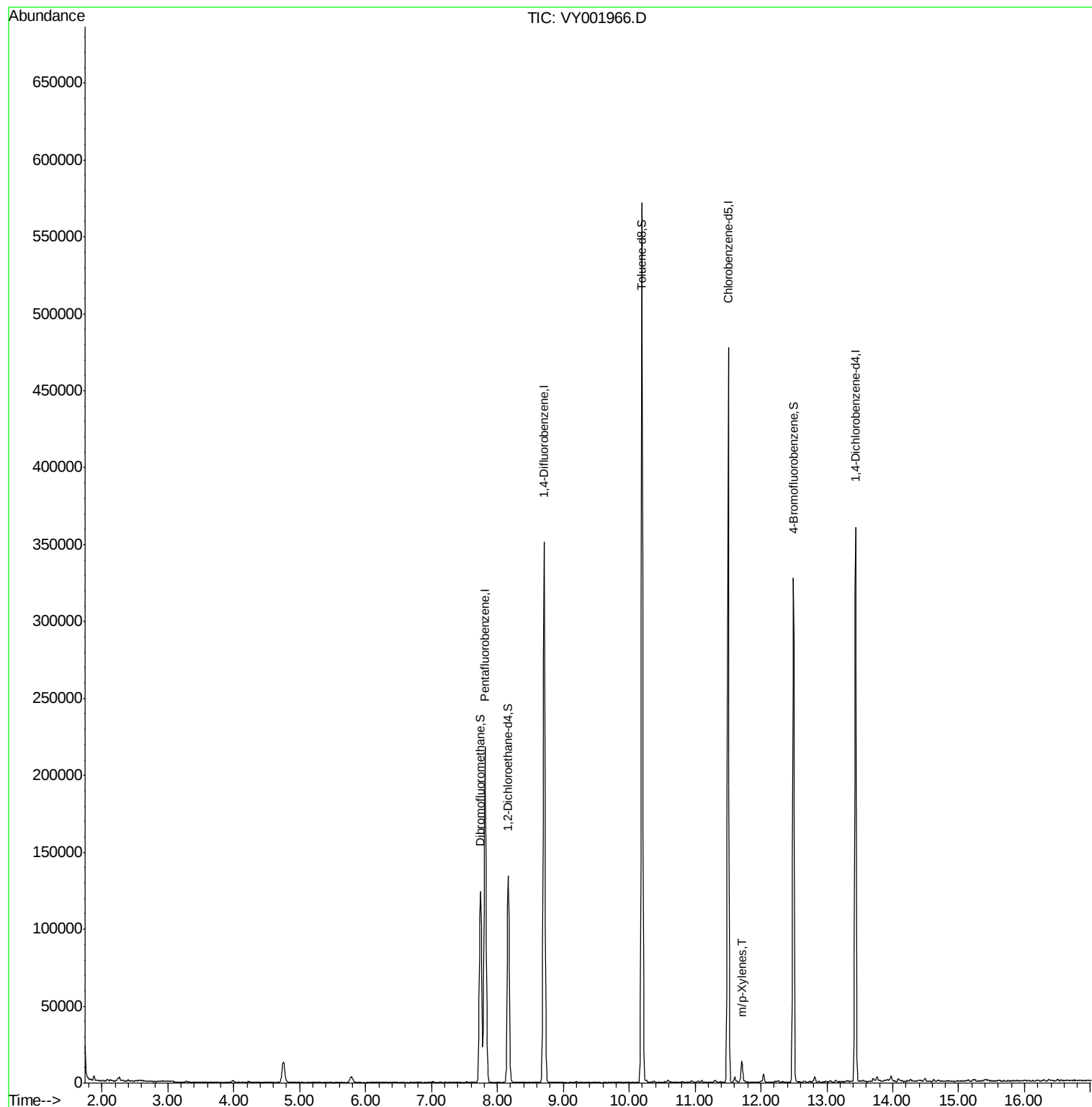
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	161674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	302579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	85577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99641	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	7.74	113	90327	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
50) Toluene-d8	10.19	98	363554	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.49	95	106255	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
68) m/p-Xylenes	11.71	106	4262	1.215	ug/l	98

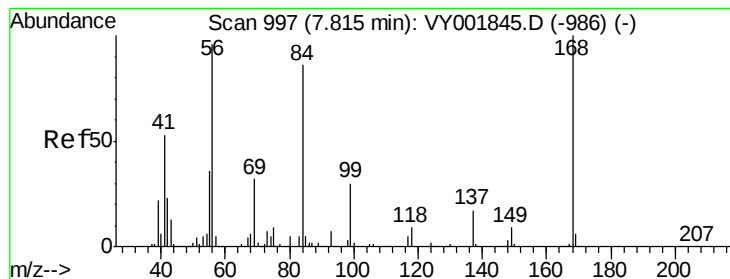
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001966.D

Acq: 12 Mar 2020 19:48

Instrument :

MSVOA_Y

ClientSampleId :

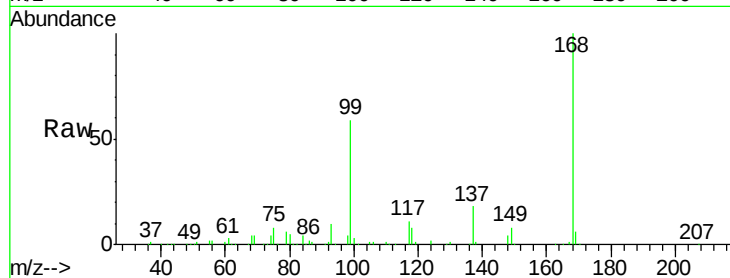
MK-031220-4-5-GRAB-B4

Tot Ion:168 Resp: 161674

Ion Ratio Lower Upper

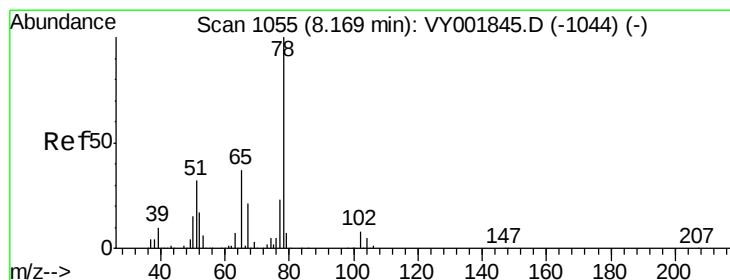
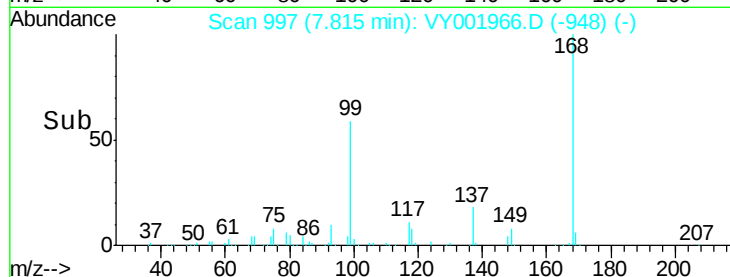
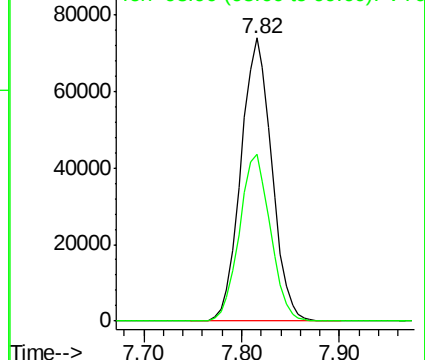
168 100

99 59.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.730 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001966.D

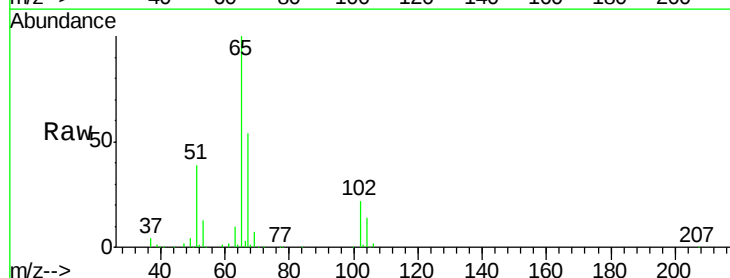
Acq: 12 Mar 2020 19:48

Tgt Ion: 65 Resp: 99641

Ion Ratio Lower Upper

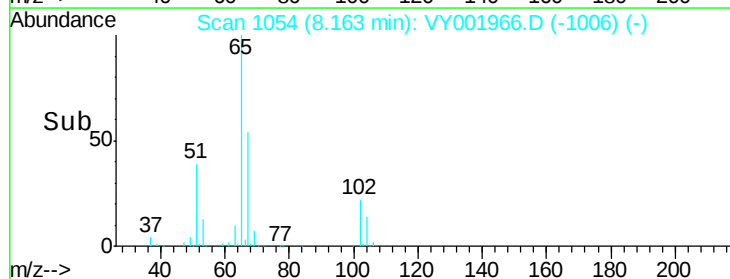
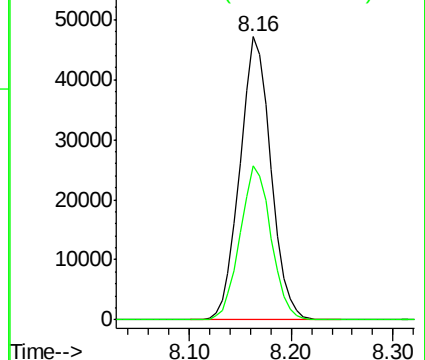
65 100

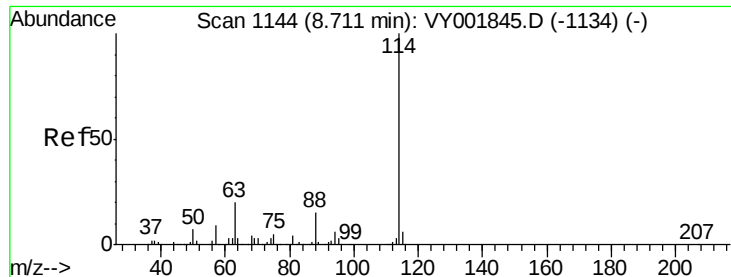
67 54.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

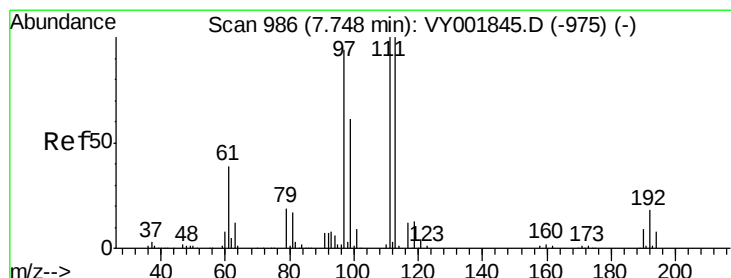
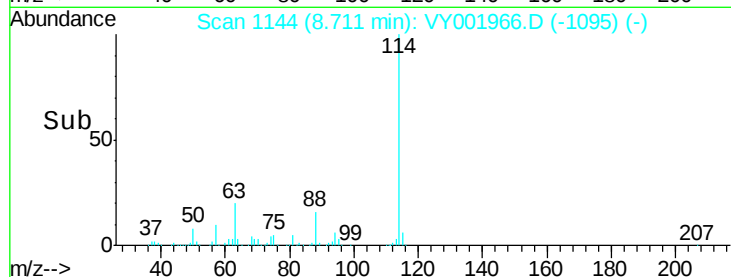
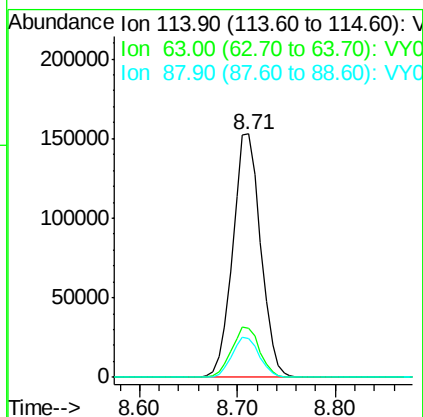
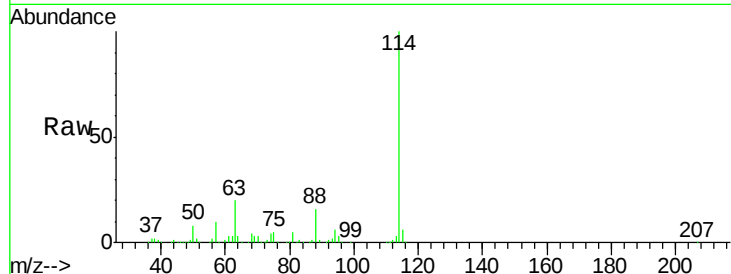




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001966.D
 Acq: 12 Mar 2020 19:48

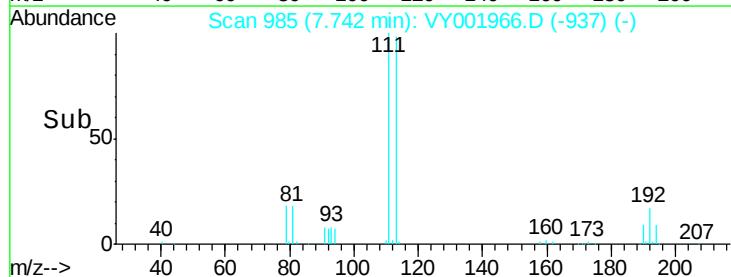
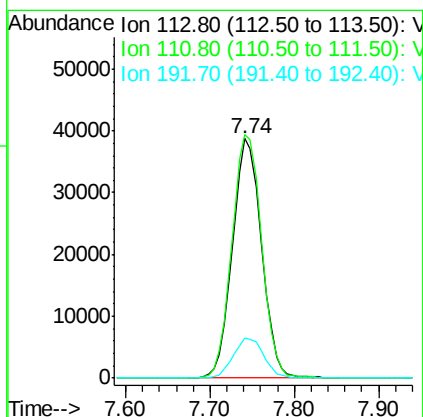
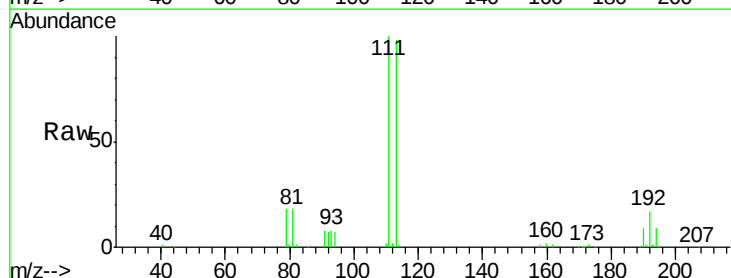
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B4

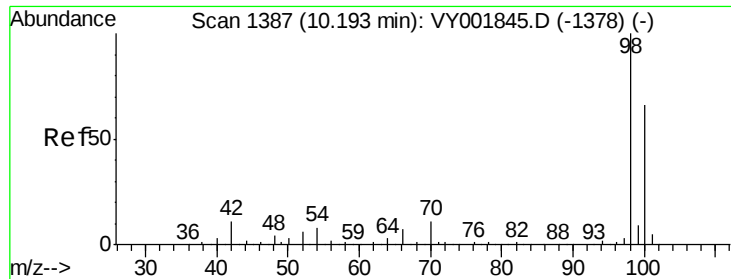
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.4
88	15.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 54.670 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001966.D
 Acq: 12 Mar 2020 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	17.4	14.2	21.2





#50

Toluene-d8

Concen: 52.181 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001966.D

Acq: 12 Mar 2020 19:48

Instrument :

MSVOA_Y

ClientSampleId :

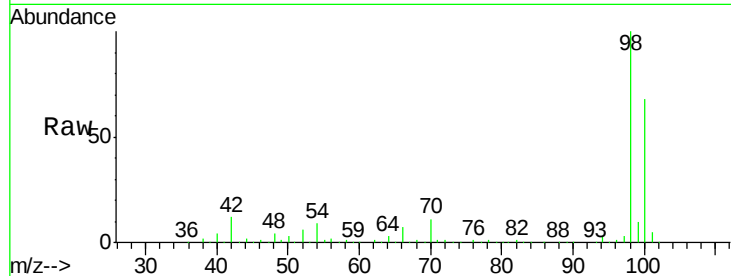
MK-031220-4-5-GRAB-B4

Tot Ion: 98 Resp: 363554

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

250000

200000

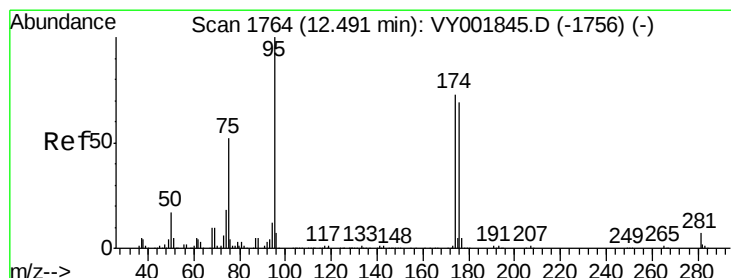
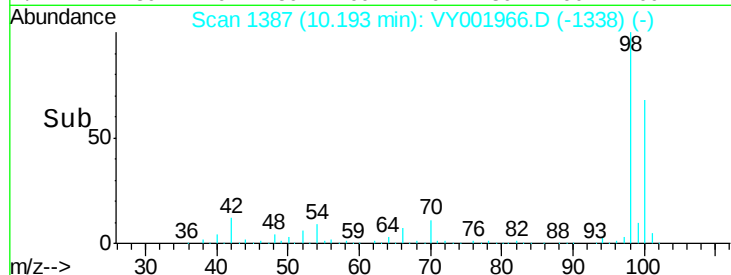
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.861 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001966.D

Acq: 12 Mar 2020 19:48

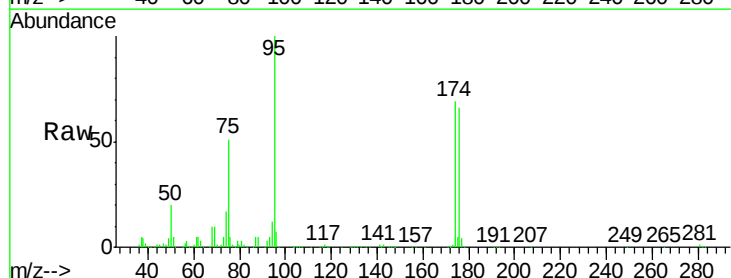
Tgt Ion: 95 Resp: 106255

Ion Ratio Lower Upper

95 100

174 70.6 0.0 145.0

176 68.4 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

80000

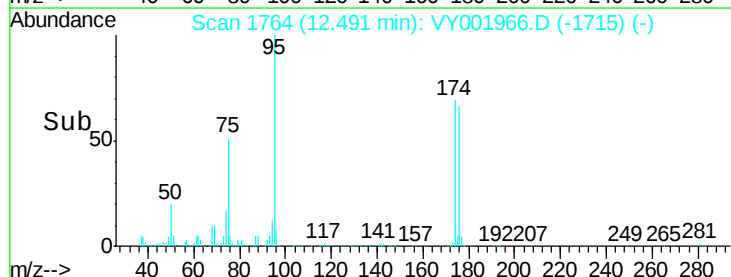
60000

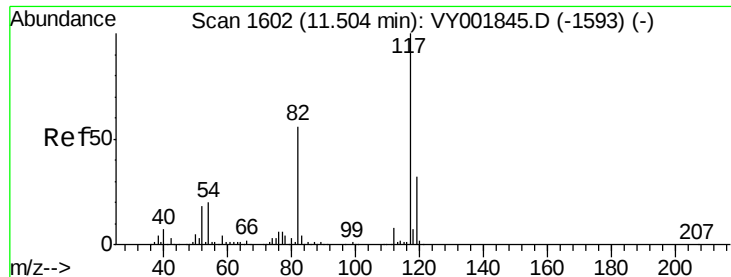
40000

20000

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Time-->

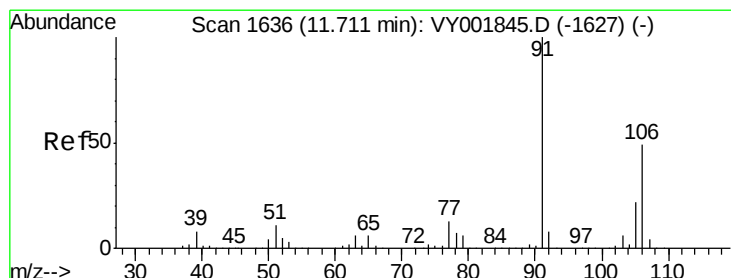
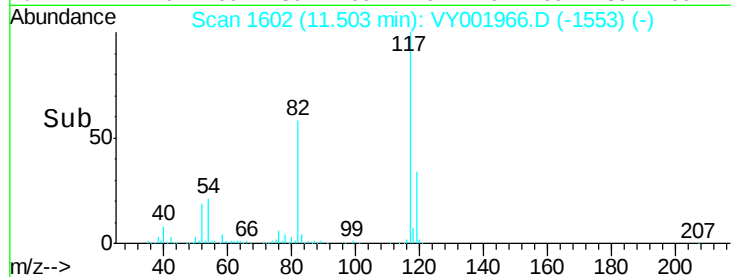
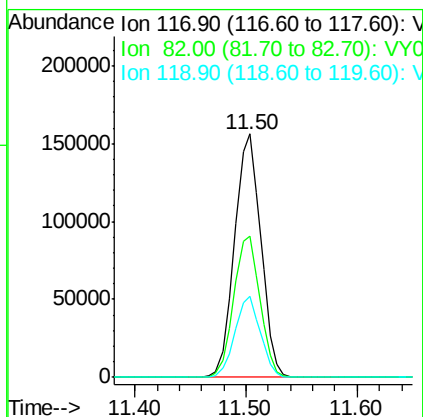
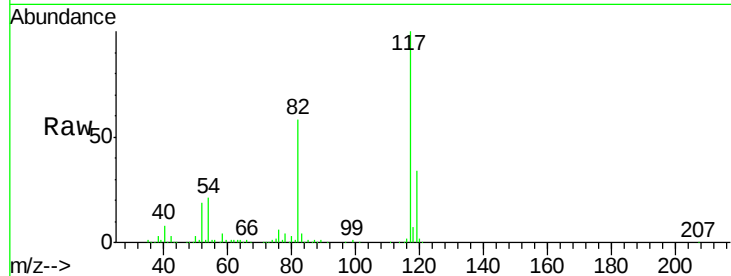




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001966.D
Acq: 12 Mar 2020 19:48

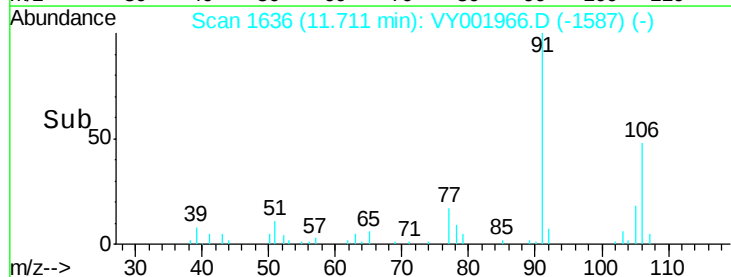
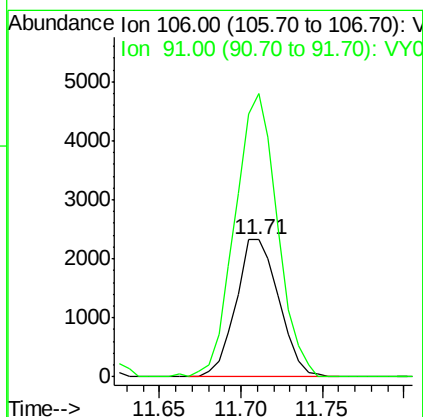
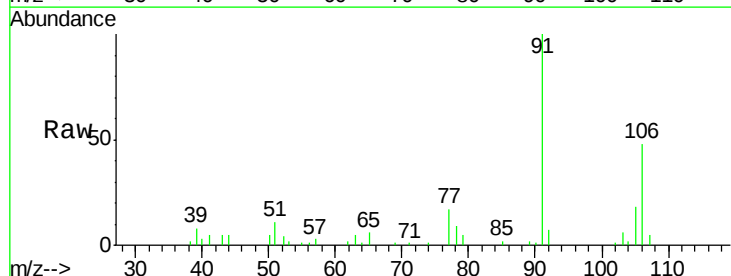
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-4-5-GRAB-B4

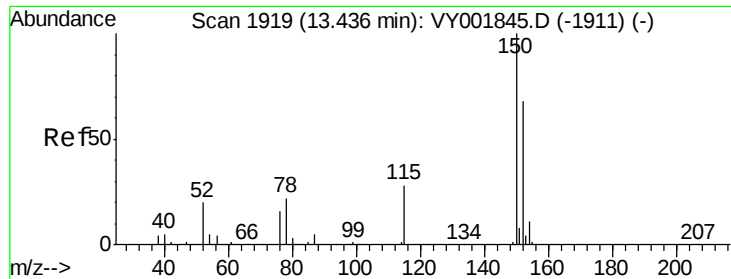
Tot Ion:117 Resp: 255318
Ion Ratio Lower Upper
117 100
82 58.1 44.5 66.7
119 33.5 25.7 38.5



#68
m/p-Xylenes
Concen: 1.215 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001966.D
Acq: 12 Mar 2020 19:48

Tgt Ion:106 Resp: 4262
Ion Ratio Lower Upper
106 100
91 204.0 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001966.D

Acq: 12 Mar 2020 19:48

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-4-5-GRAB-B4

Tot Ion:152 Resp: 85577

Ion Ratio Lower Upper

152 100

115 61.7 29.9 89.7

150 156.2 0.0 340.6

