

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001962.D
 Acq On : 12 Mar 2020 18:18
 Operator : SY/MD
 Sample : L1913-05
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B3

Quant Time: Mar 13 06:40:05 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

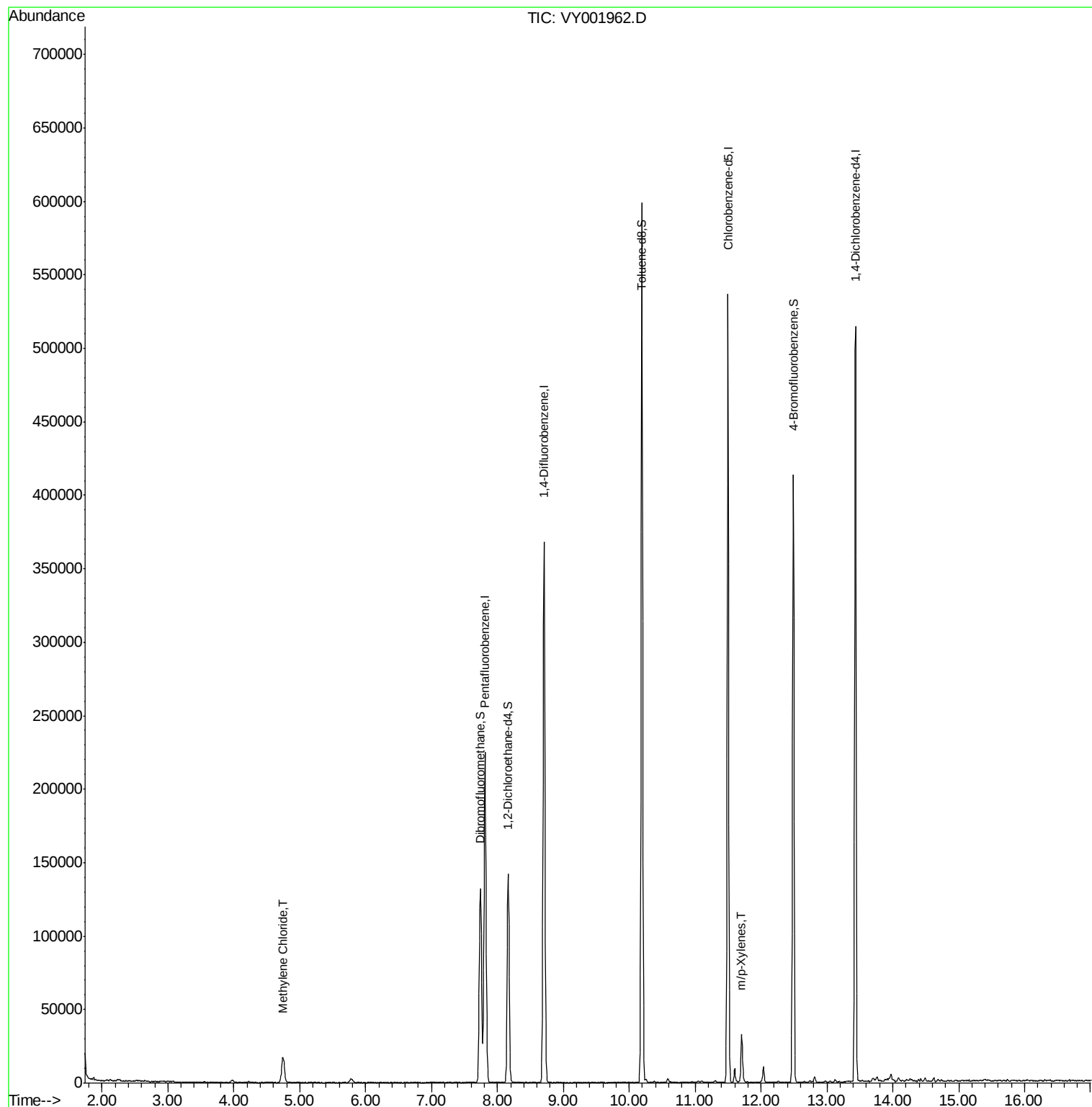
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	168652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	323772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	104791	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	7.74	113	95016	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	10.19	98	395021	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.49	95	136319	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
Target Compounds						
20) Methylene Chloride	4.75	84	13230	5.887	ug/l	98
68) m/p-Xylenes	11.70	106	9450	2.354	ug/l	97

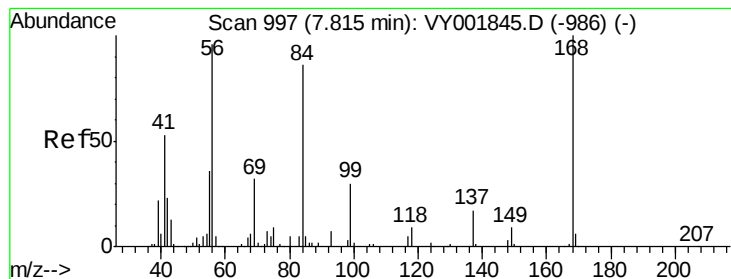
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001962.D

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ClientSampleId :

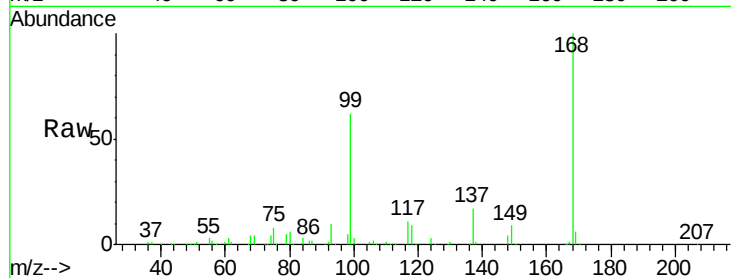
MK-031220-0-1-GRAB-B3

Tot Ion:168 Resp: 168652

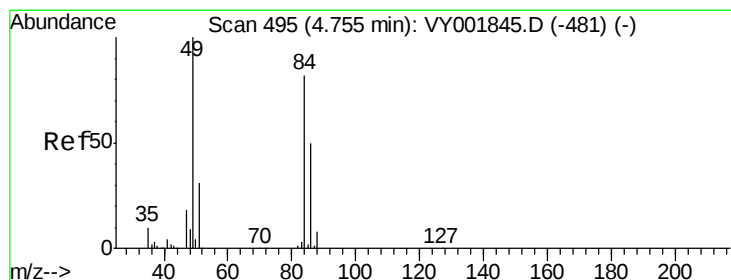
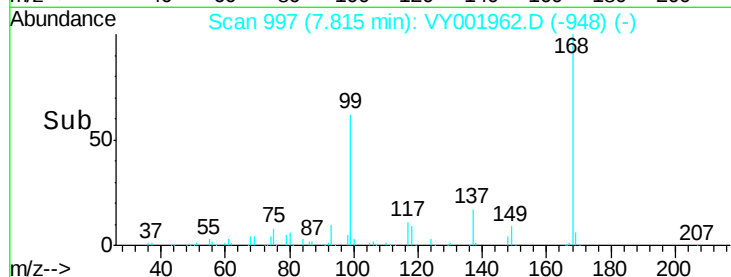
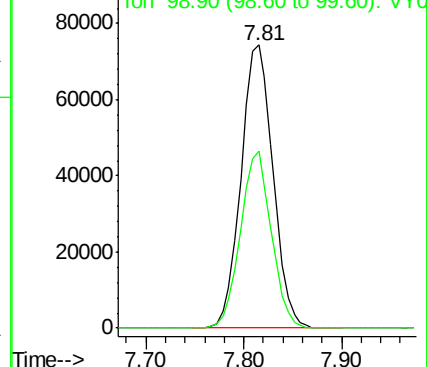
Ion Ratio Lower Upper

168 100

99 62.5 46.7 70.1



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



#20

Methylene Chloride

Concen: 5.887 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY001962.D

Acq: 12 Mar 2020 18:18

Tgt Ion: 84 Resp: 13230

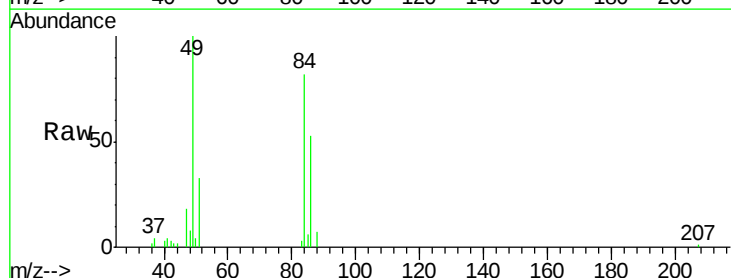
Ion Ratio Lower Upper

84 100

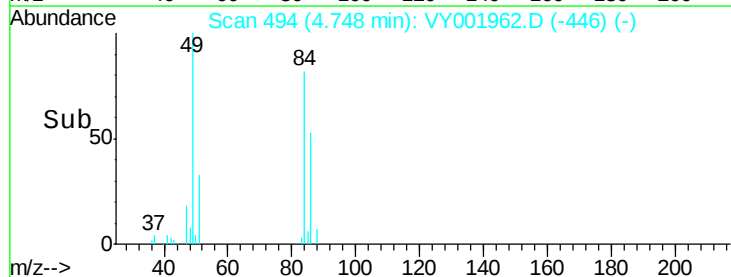
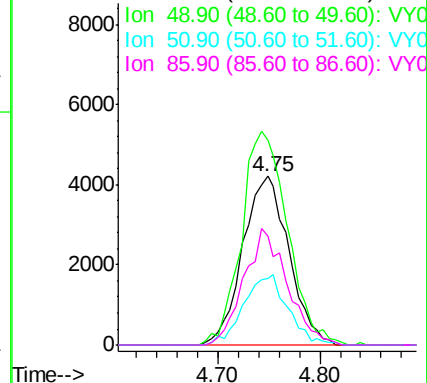
49 121.4 98.2 147.2

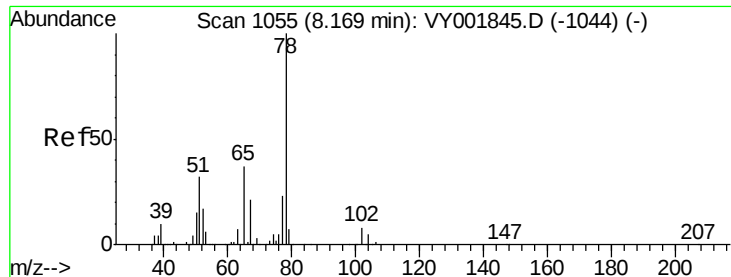
51 39.7 30.2 45.2

86 64.5 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.202 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001962.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

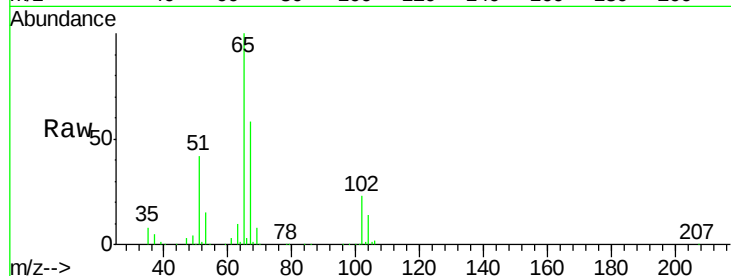
MK-031220-0-1-GRAB-B3

Tot Ion: 65 Resp: 104791

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001962.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001962.D (-1006) (-)

8.16

50000

40000

30000

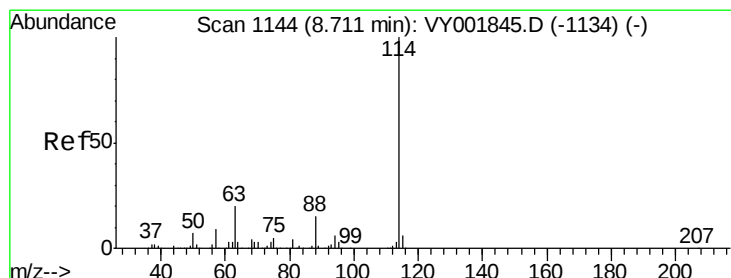
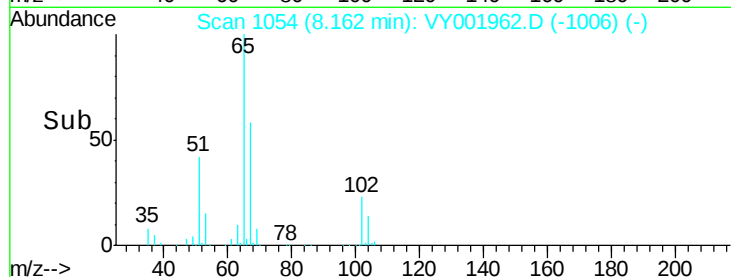
20000

10000

0

Time-->

8.10 8.20 8.30



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001962.D

Acq: 12 Mar 2020 18:18

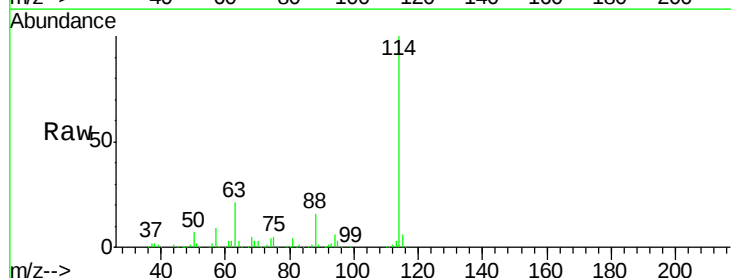
Tgt Ion: 114 Resp: 323772

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

88 16.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VY001962.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001962.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001962.D (-1095) (-)

8.71

200000

150000

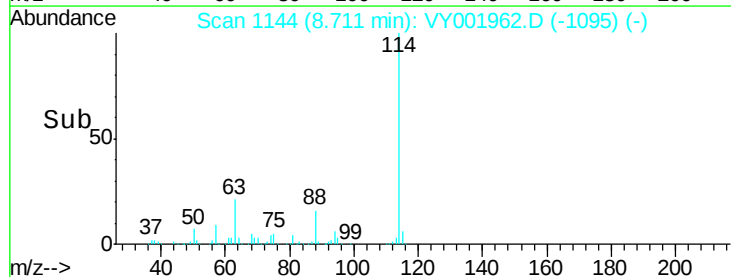
100000

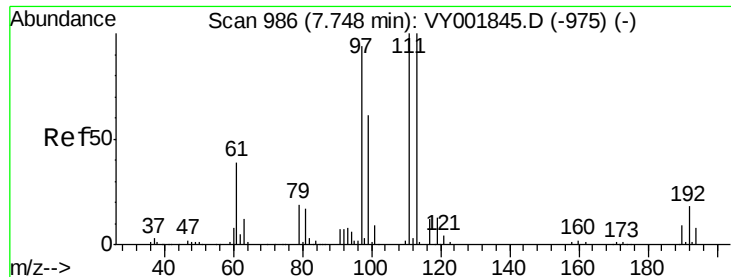
50000

0

Time-->

8.60 8.70 8.80

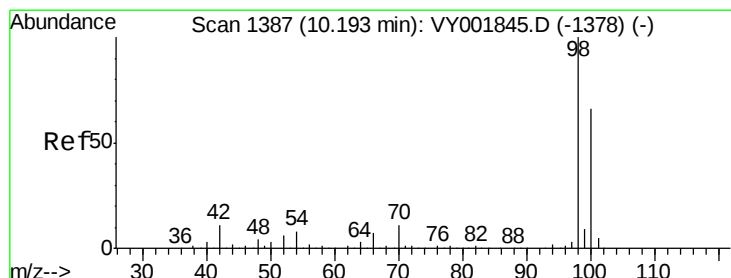
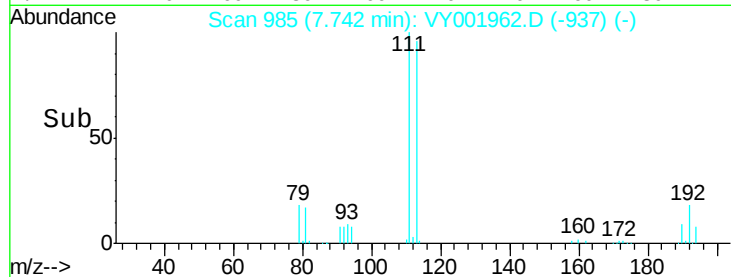
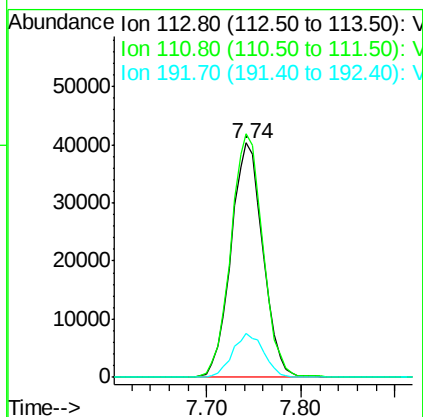
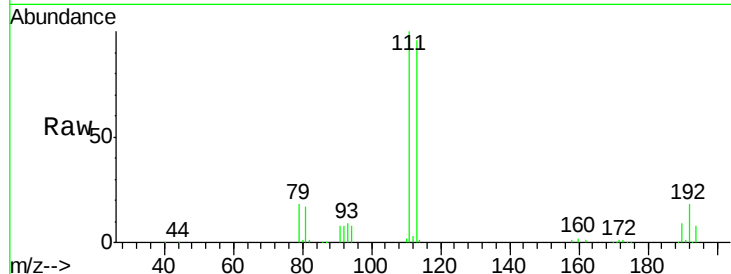




#35
 Dibromofluoromethane
 Concen: 53.744 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001962.D
 Acq: 12 Mar 2020 18:18

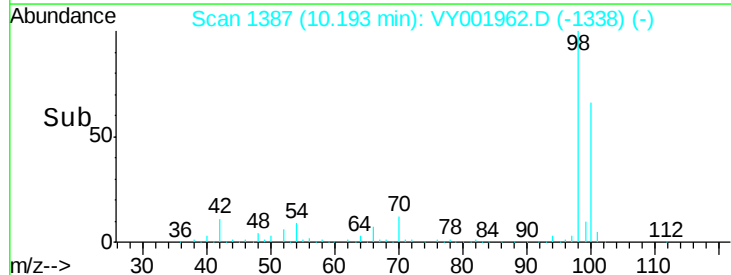
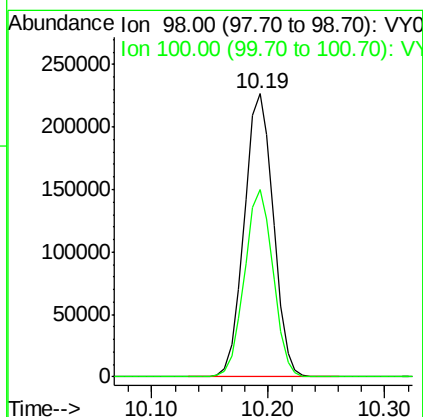
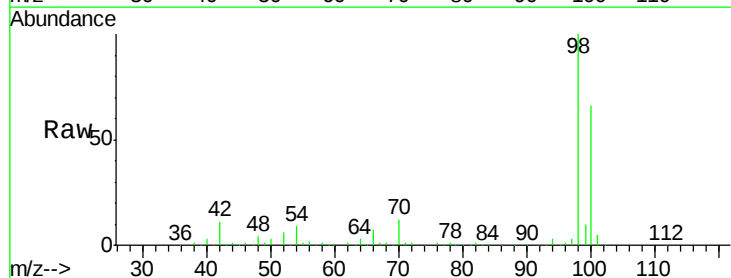
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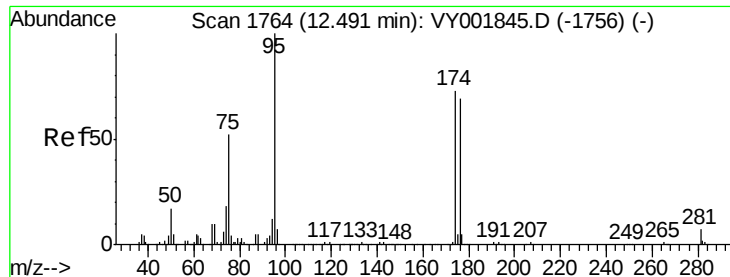
Tot Ion:113 Resp: 95016
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.8
 192 18.5 14.2 21.2



#50
 Toluene-d8
 Concen: 52.987 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VY001962.D
 Acq: 12 Mar 2020 18:18

Tgt Ion: 98 Resp: 395021
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 52.588 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001962.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-0-1-GRAB-B3

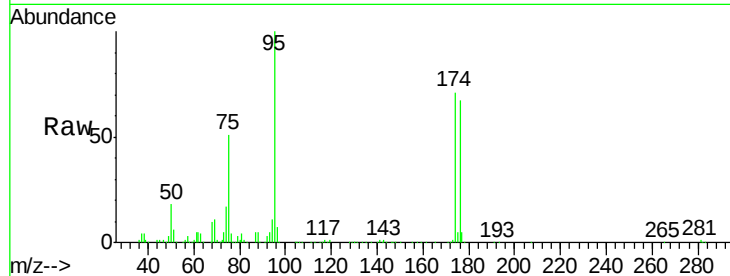
Tot Ion: 95 Resp: 136319

Ion Ratio Lower Upper

95 100

174 70.2 0.0 145.0

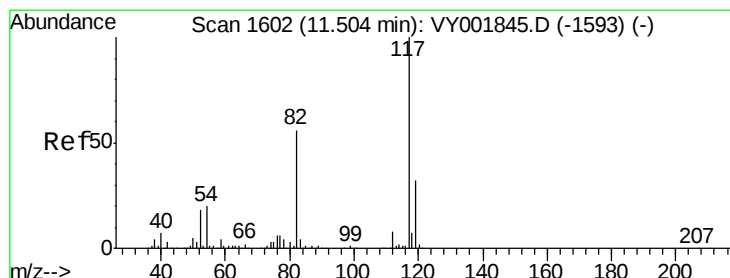
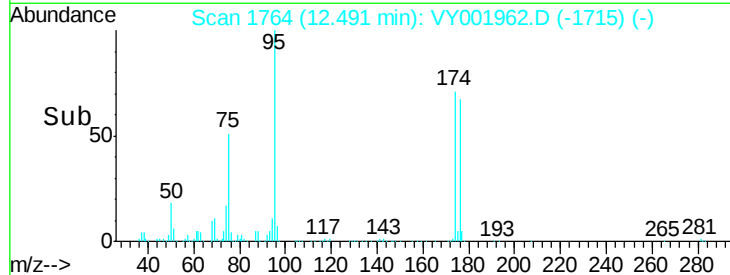
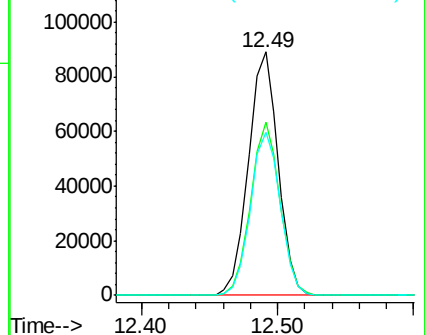
176 67.6 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001962.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY001962.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001962.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY001962.D

Acq: 12 Mar 2020 18:18

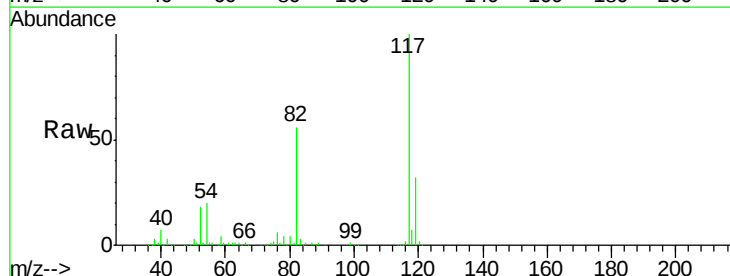
Tgt Ion: 117 Resp: 292229

Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

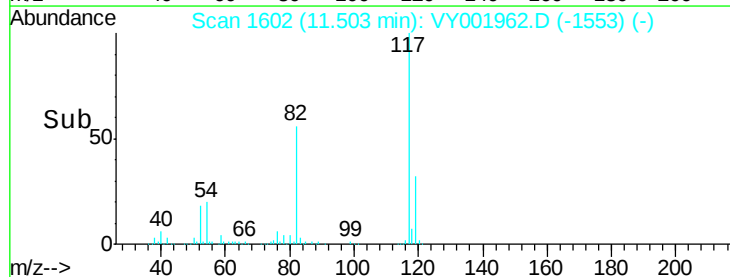
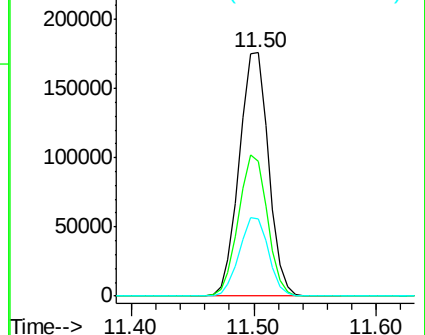
119 31.8 25.7 38.5

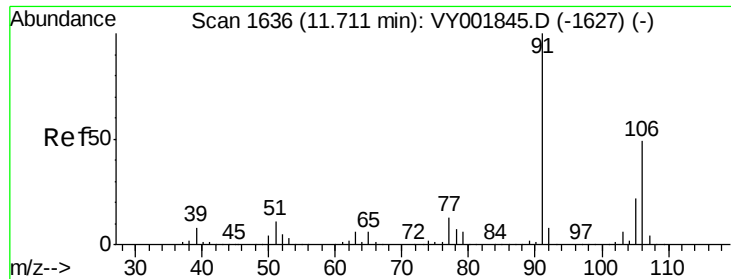


Abundance Ion 116.90 (116.60 to 117.60): VY001962.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001962.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001962.D (-1553) (-)

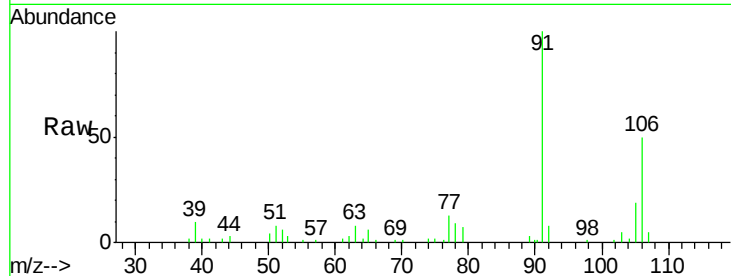




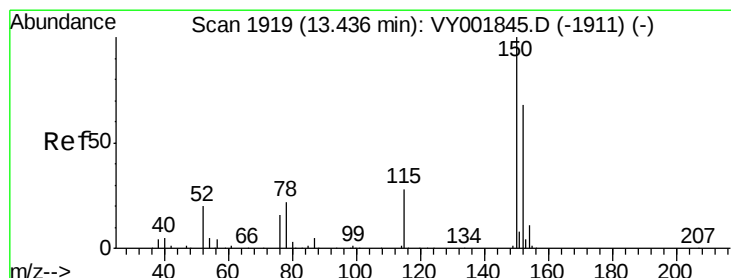
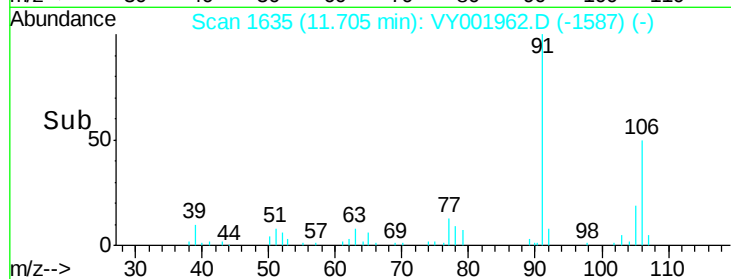
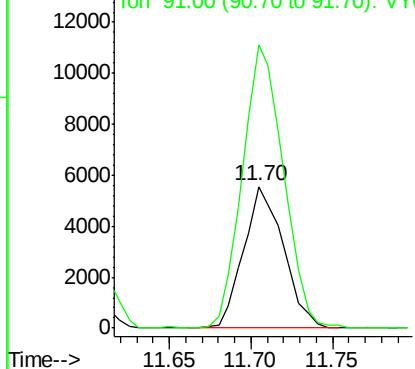
#68
m/p-Xvlenes
Concen: 2.354 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001962.D
Acq: 12 Mar 2020 18:18

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MSVOA_Y
ClientSampleId :
MK-031220-0-1-GRAB-B3

Tot Ion:106 Resp: 9450
Ion Ratio Lower Upper
106 100
91 205.5 161.3 241.9

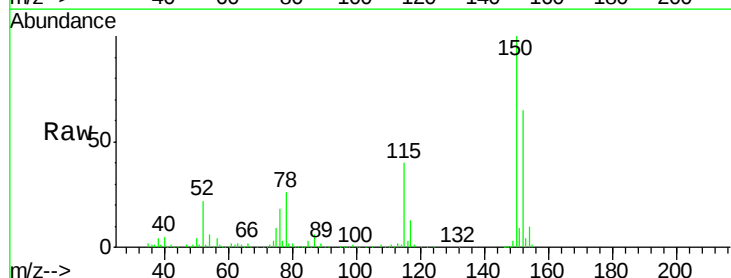


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001962.D
Acq: 12 Mar 2020 18:18

Tgt Ion:152 Resp: 125971
Ion Ratio Lower Upper
152 100
115 62.5 29.9 89.7
150 157.4 0.0 340.6



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

