

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001961.D
 Acq On : 12 Mar 2020 17:56
 Operator : SY/MD
 Sample : L1913-04
 Misc : 7.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B1

Quant Time: Mar 13 06:38:47 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

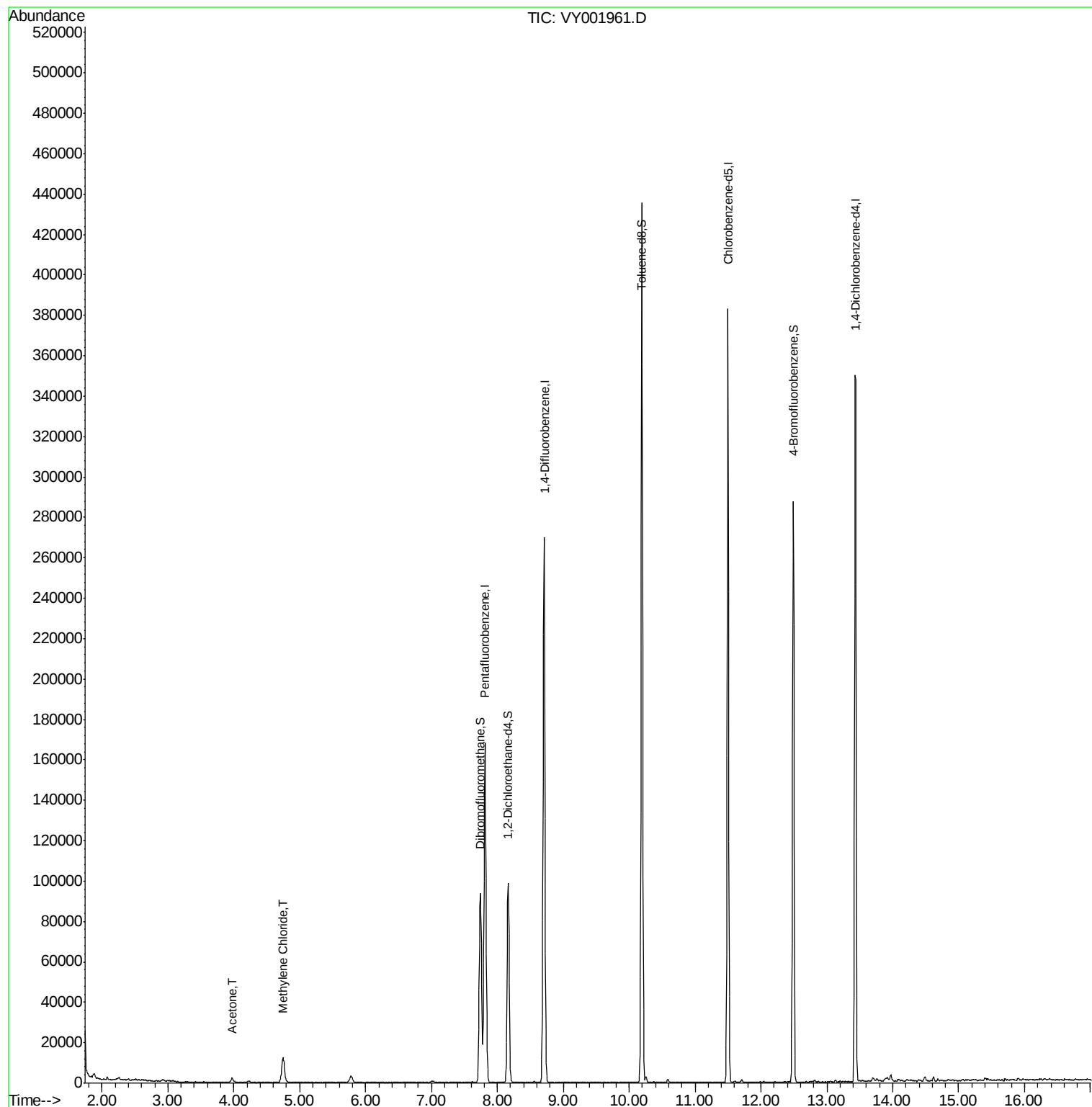
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	124958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	205335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	88059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	74350	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
35) Dibromofluoromethane	7.74	113	67445	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	10.19	98	282185	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.49	95	93717	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
Target Compounds						
16) Acetone	3.97	43	3615	9.304	ug/l	93
20) Methylene Chloride	4.75	84	9472	5.688	ug/l	96

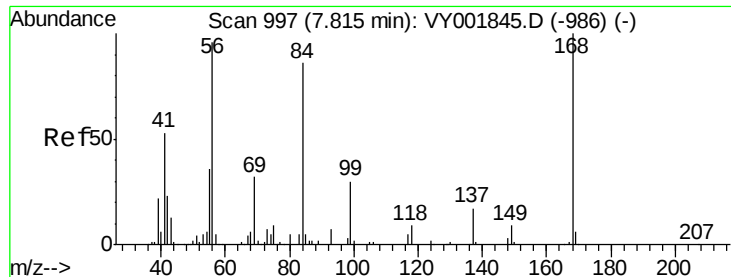
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
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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: VY001961.D

Acq: 12 Mar 2020 17:56

Instrument :

MSVOA_Y

ClientSampleId :

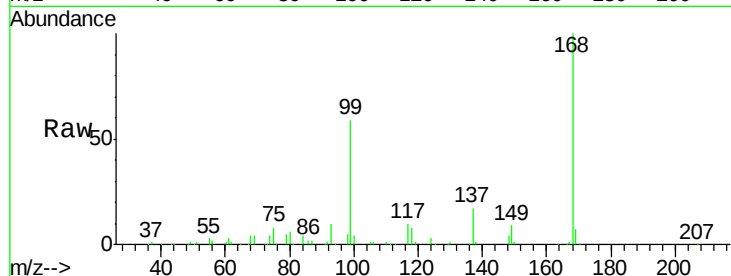
MK-031220-4-5-GRAB-B1

Tot Ion:168 Resp: 124958

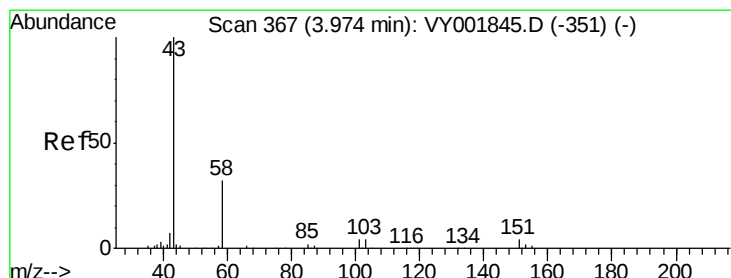
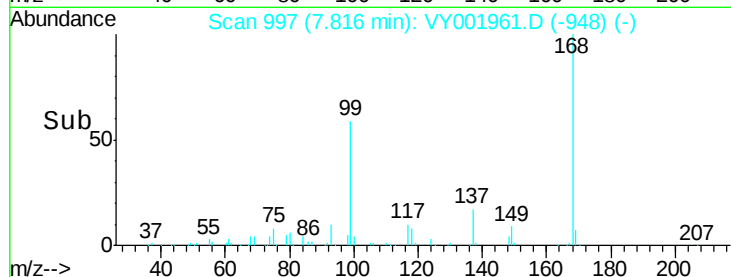
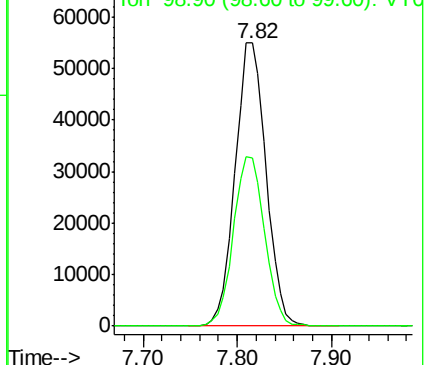
Ion Ratio Lower Upper

168 100

99 59.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001961.D (-948) (-)



#16

Acetone

Concen: 9.304 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001961.D

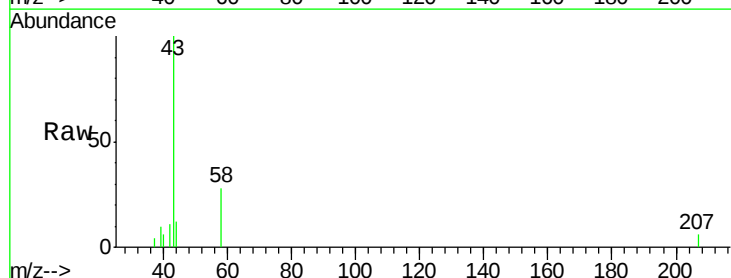
Acq: 12 Mar 2020 17:56

Tgt Ion: 43 Resp: 3615

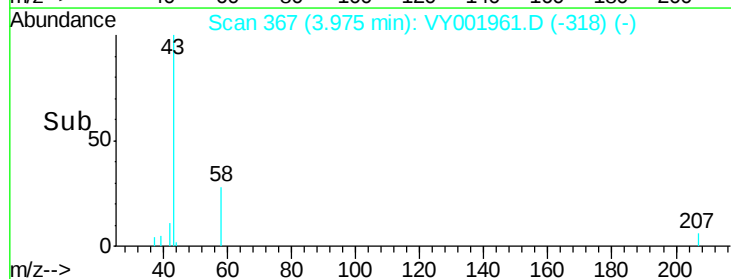
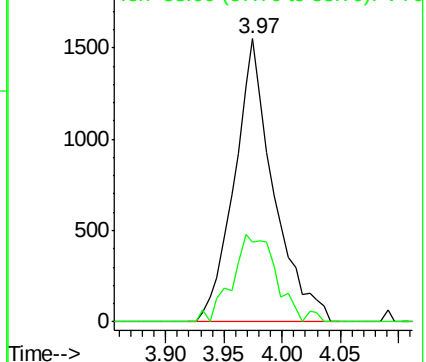
Ion Ratio Lower Upper

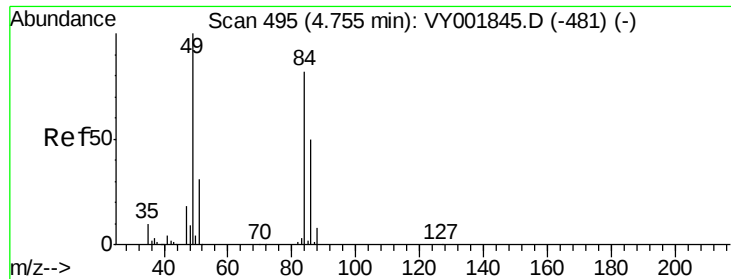
43 100

58 28.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001961.D (-318) (-)

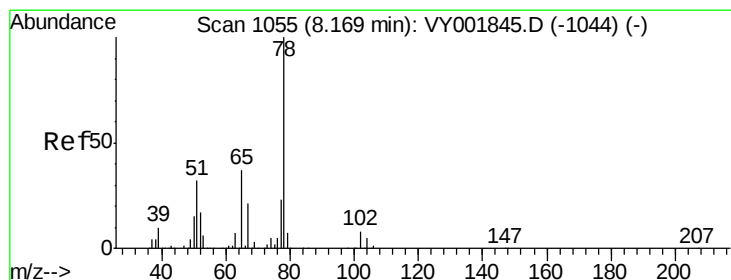
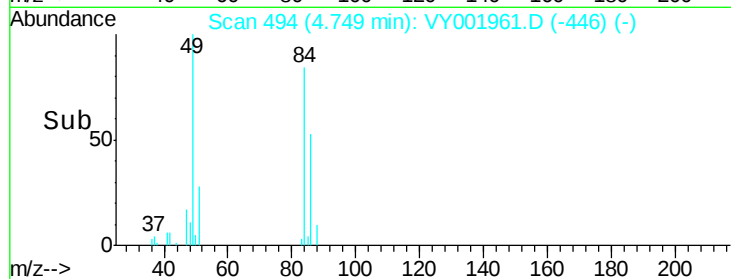
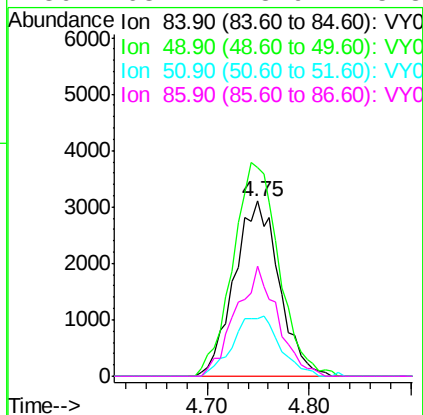
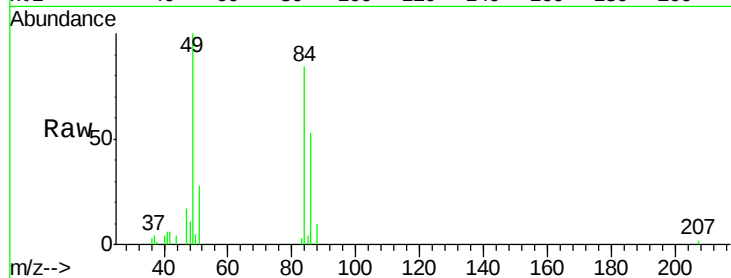




#20
Methvlene Chloride
Concen: 5.688 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001961.D
Acq: 12 Mar 2020 17:56

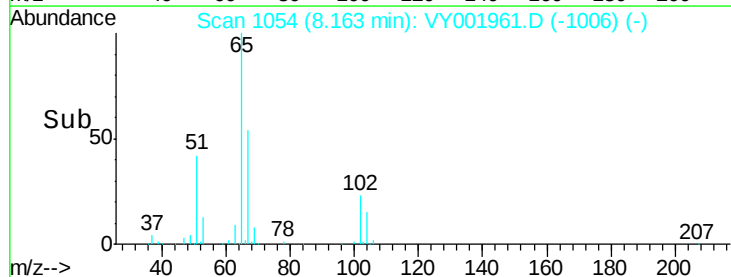
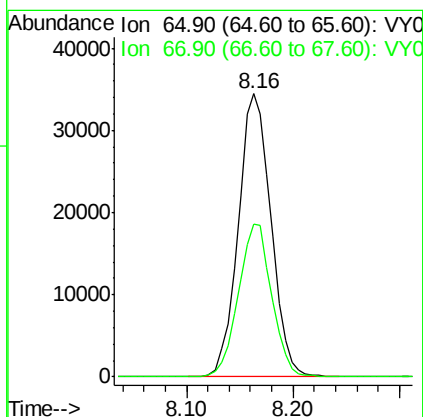
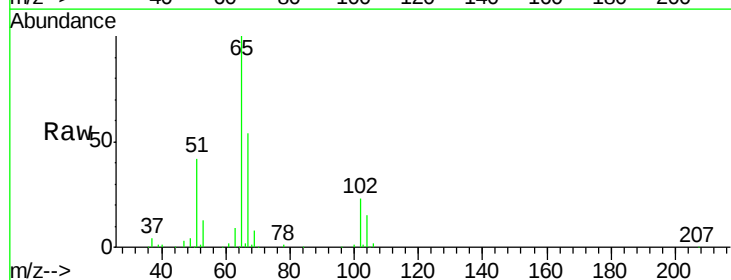
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-4-5-GRAB-B1

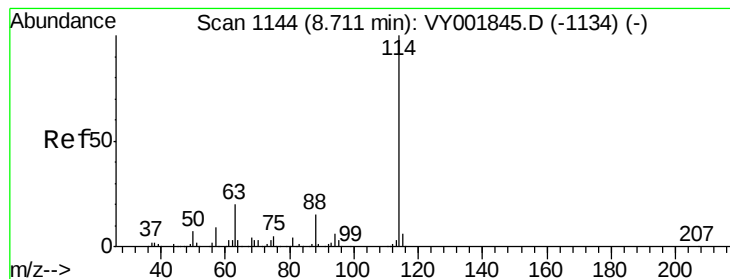
Tot Ion: 84 Resp: 9472
Ion Ratio Lower Upper
84 100
49 118.9 98.2 147.2
51 33.1 30.2 45.2
86 63.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 55.734 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001961.D
Acq: 12 Mar 2020 17:56

Tgt Ion: 65 Resp: 74350
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001961.D

Acq: 12 Mar 2020 17:56

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-4-5-GRAB-B1

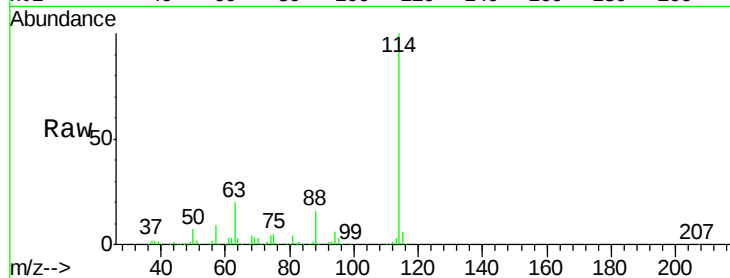
Tot Ion:114 Resp: 234022

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

88 15.9 0.0 30.4



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

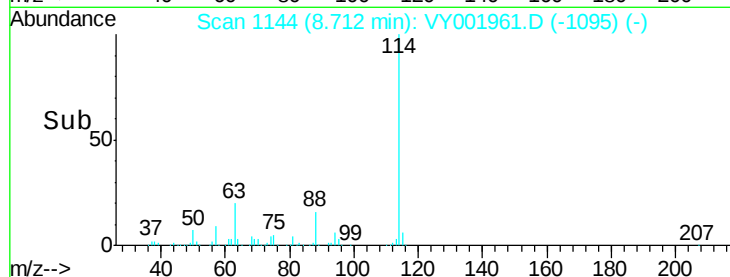
150000

100000

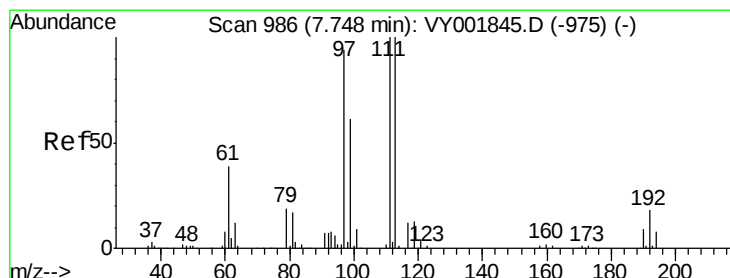
50000

0

8.60 8.65 8.70 8.75 8.80



Time-->



#35

Dibromofluoromethane

Concen: 52.779 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001961.D

Acq: 12 Mar 2020 17:56

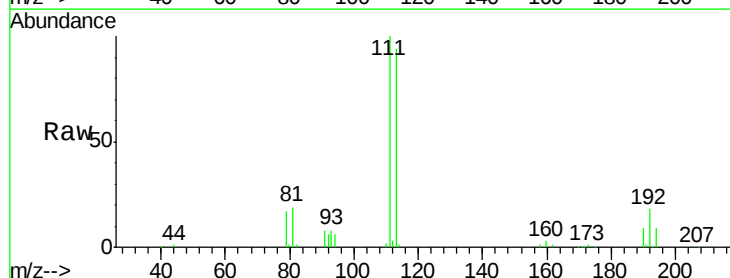
Tgt Ion:113 Resp: 67445

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

192 18.1 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

40000

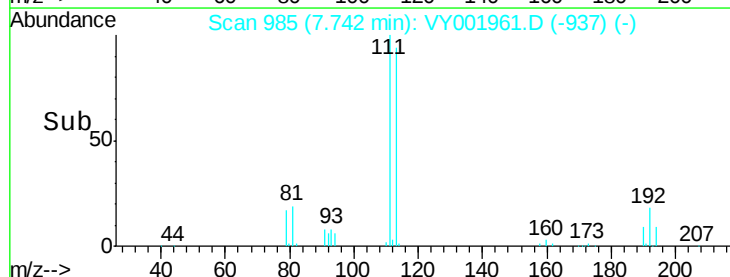
30000

20000

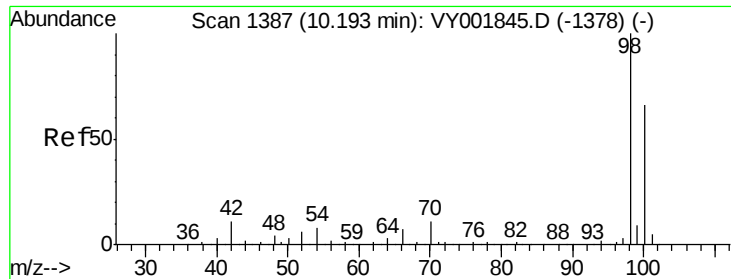
10000

0

7.70 7.74 7.78



Time-->



#50

Toluene-d8

Concen: 52.368 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001961.D

Acq: 12 Mar 2020 17:56

Instrument :

MSVOA_Y

ClientSampleId :

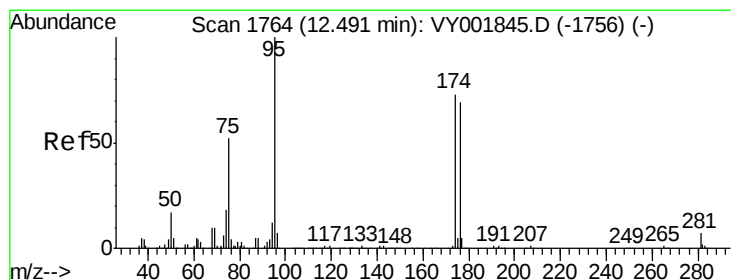
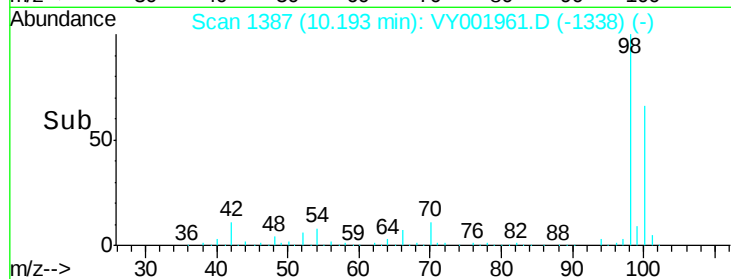
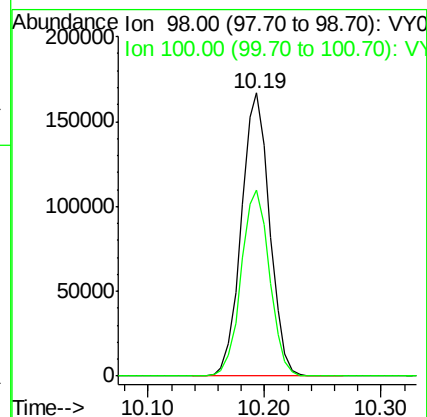
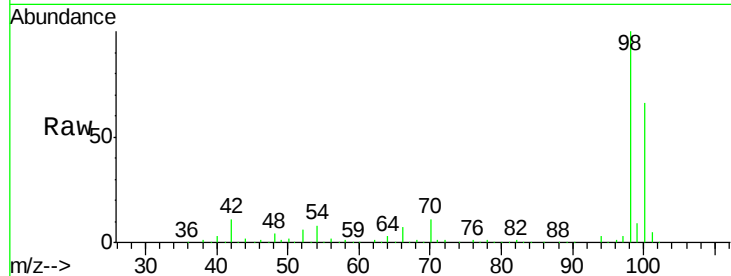
MK-031220-4-5-GRAB-B1

Tot Ion: 98 Resp: 282185

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 50.018 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001961.D

Acq: 12 Mar 2020 17:56

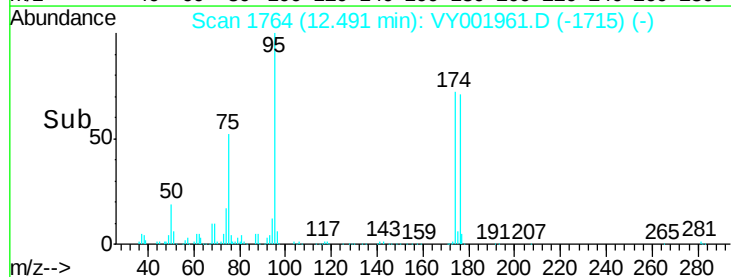
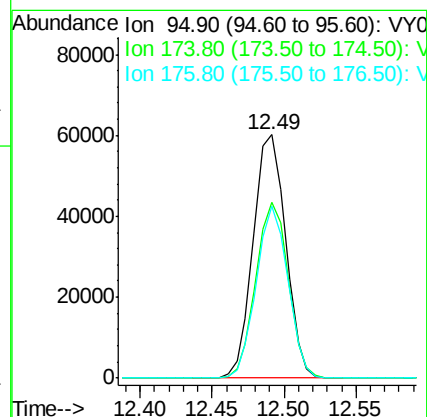
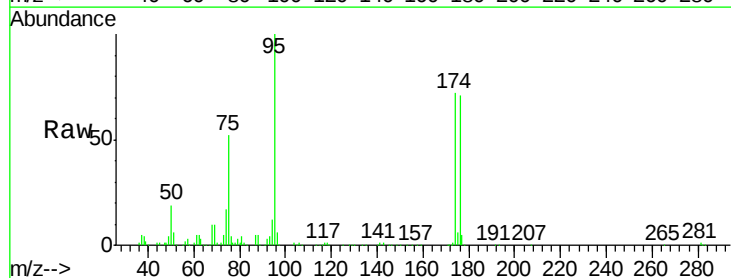
Tgt Ion: 95 Resp: 93717

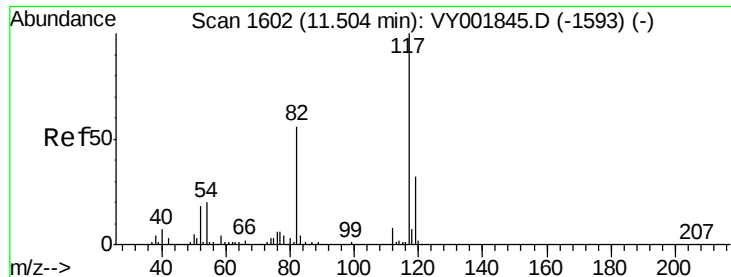
Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.0

176 68.9 0.0 137.4

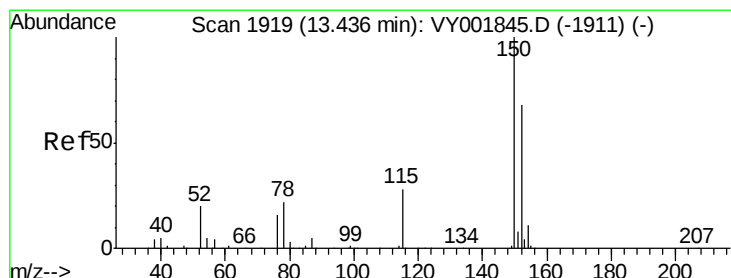
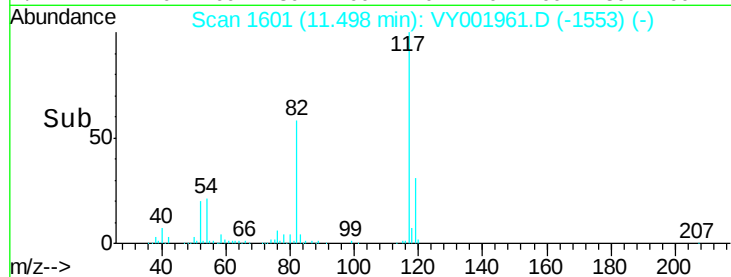
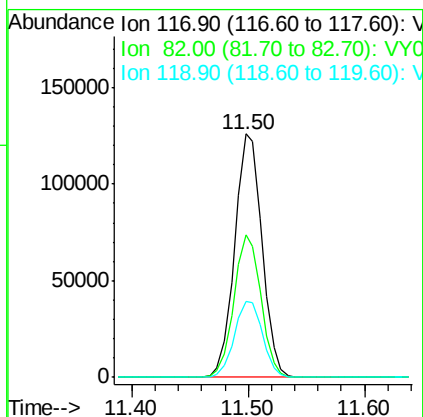
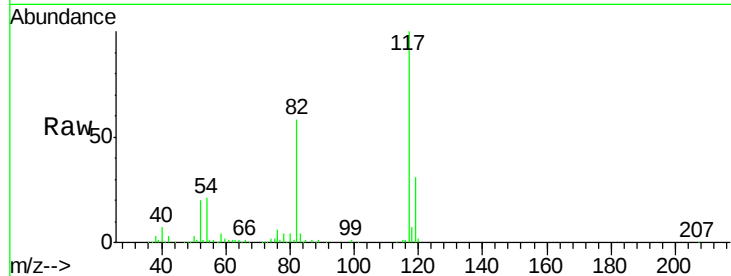




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001961.D
Acq: 12 Mar 2020 17:56

Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-4-5-GRAB-B1

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.5	66.7
119	31.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001961.D
Acq: 12 Mar 2020 17:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.9	89.7
150	157.4	0.0	340.6

