

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001967.D
 Acq On : 12 Mar 2020 20:10
 Operator : SY/MD
 Sample : L1913-13
 Misc : 8.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B4

Quant Time: Mar 13 06:51:06 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

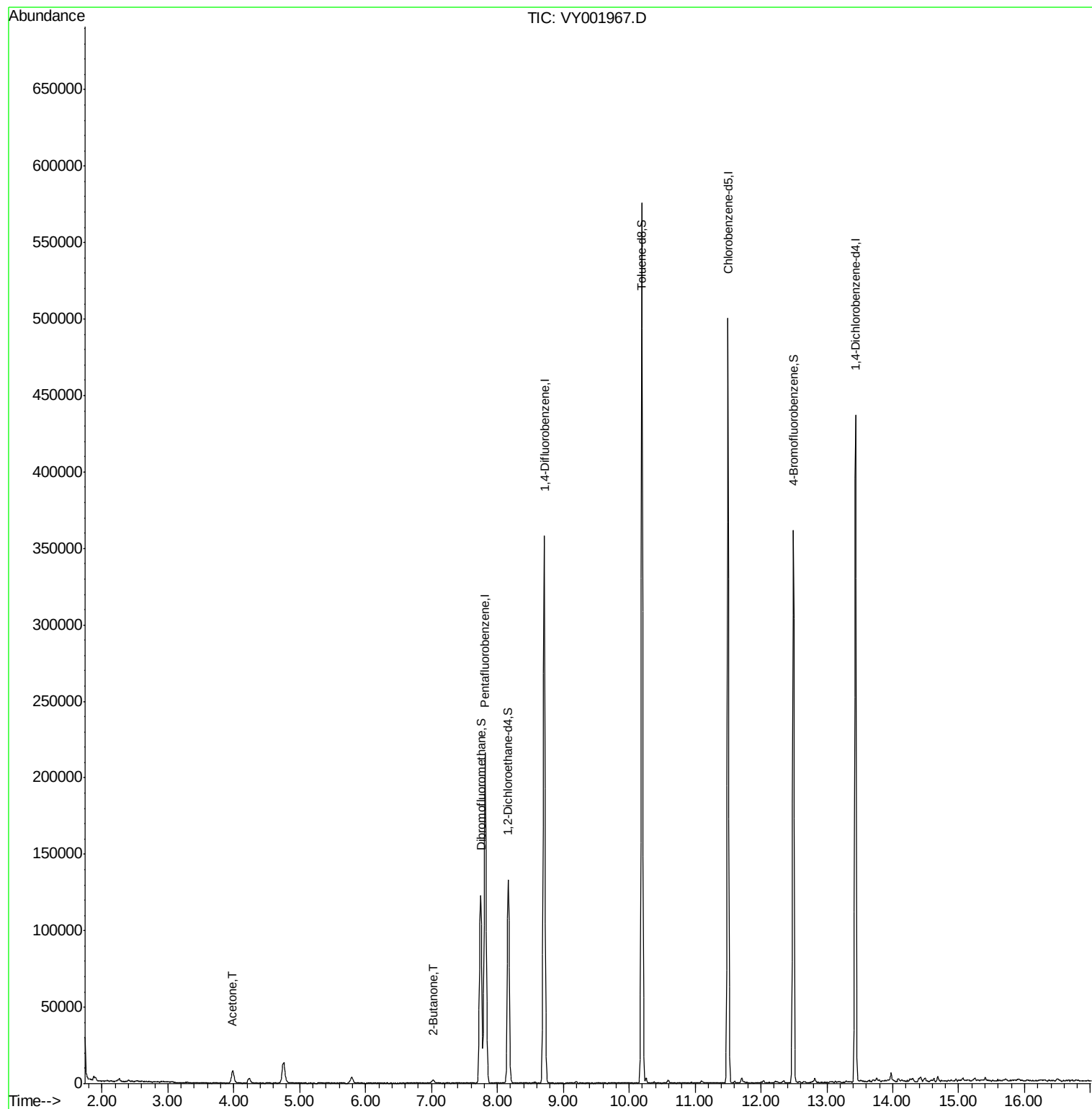
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	160833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99518	57.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.92%	
35) Dibromofluoromethane	7.75	113	89387	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
50) Toluene-d8	10.19	98	367649	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.49	95	118508	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
Target Compounds						
16) Acetone	3.98	43	14760	29.514	ug/l	99
25) 2-Butanone	7.02	43	3165	4.162	ug/l #	83

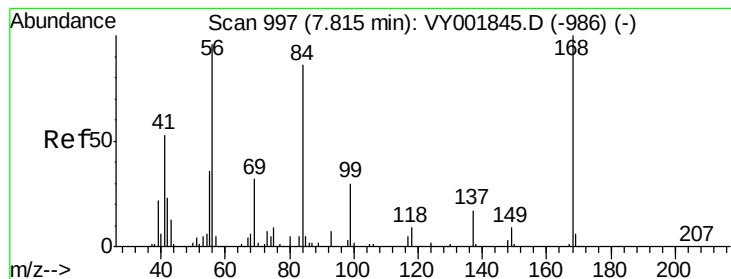
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

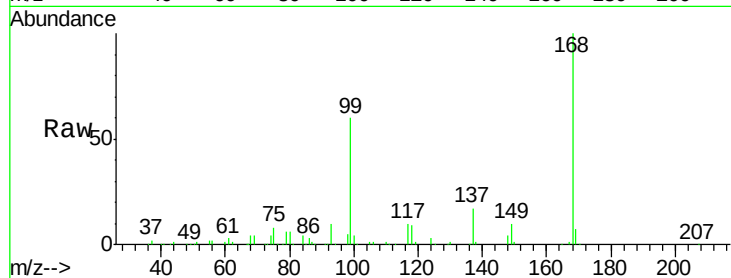
MK-031220-0-1-GRAB-B4

Tot Ion:168 Resp: 160833

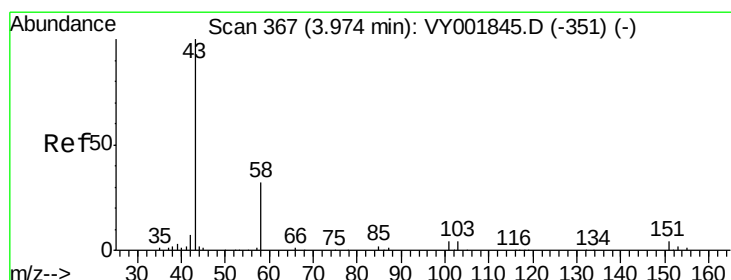
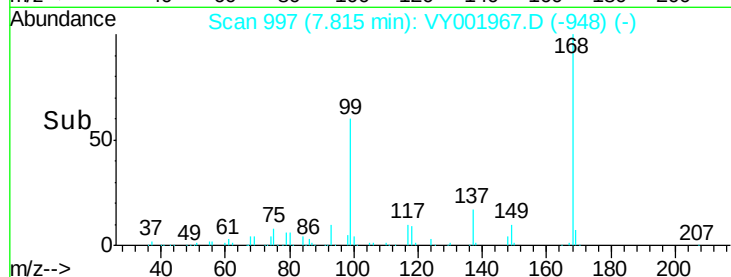
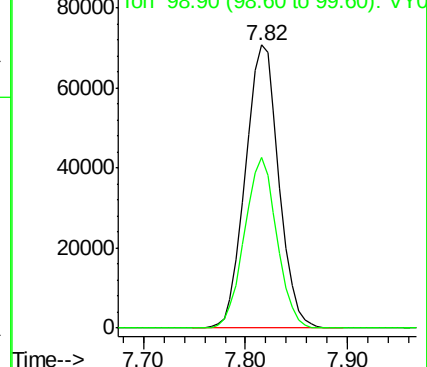
Ion Ratio Lower Upper

168 100

99 60.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001967.D (-948) (-)



#16

Acetone

Concen: 29.514 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001967.D

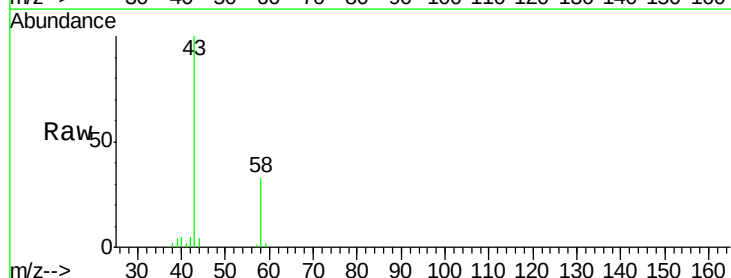
Acq: 12 Mar 2020 20:10

Tgt Ion: 43 Resp: 14760

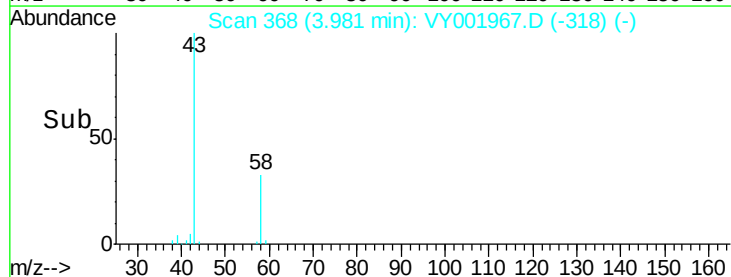
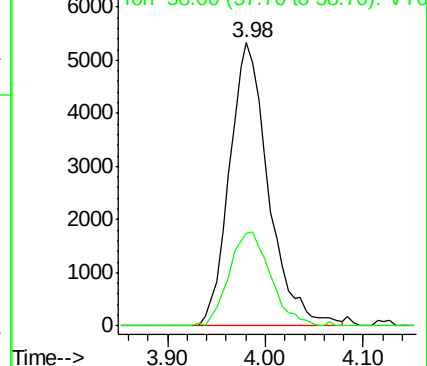
Ion Ratio Lower Upper

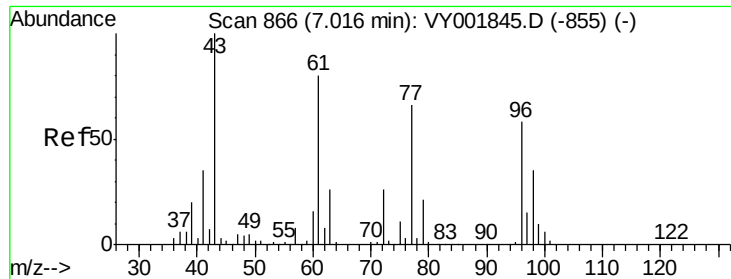
43 100

58 32.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001967.D (-318) (-)

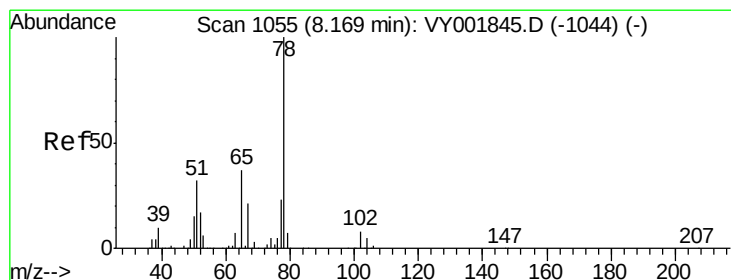
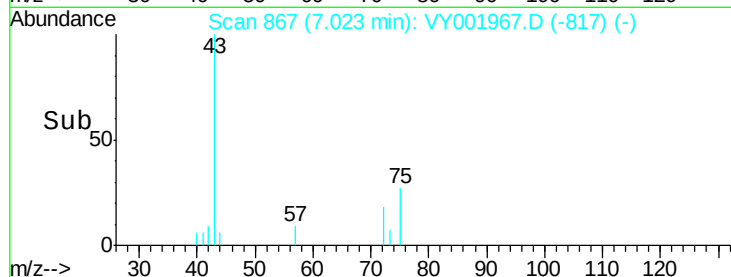
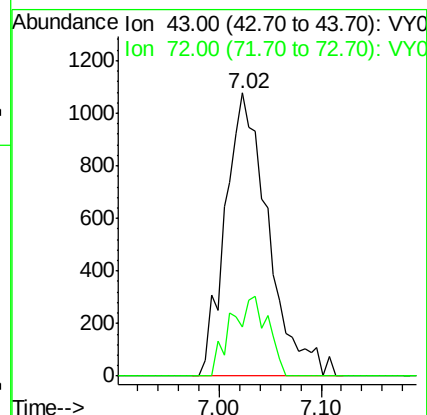
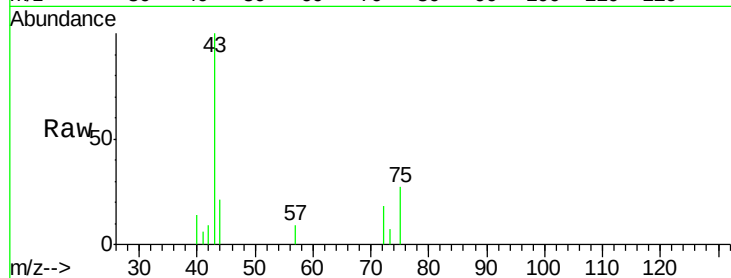




#25
 2-Butanone
 Concen: 4.162 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY001967.D
 Acq: 12 Mar 2020 20:10

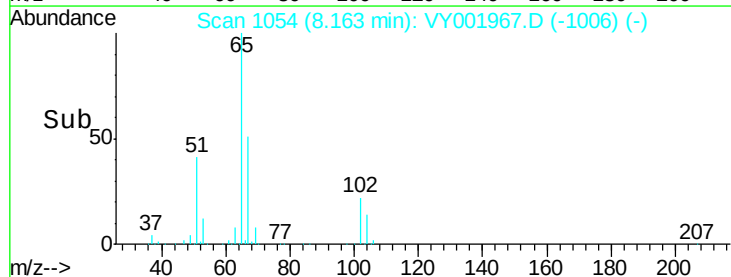
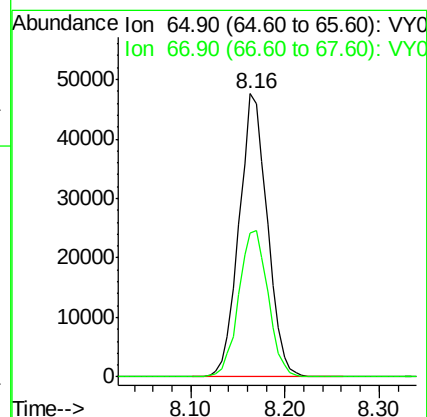
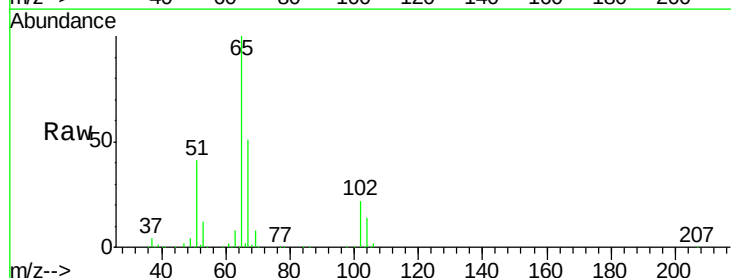
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B4

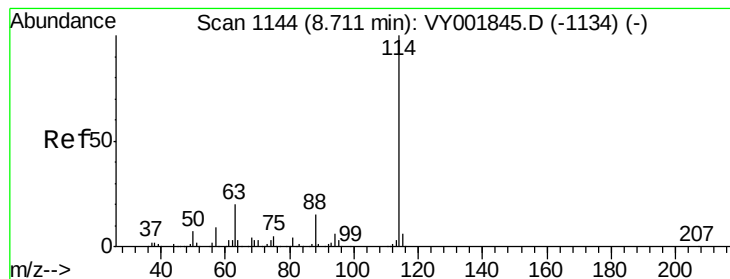
Tot Ion: 43 Resp: 3165
 Ion Ratio Lower Upper
 43 100
 72 17.5 20.9 31.3#



#33
 1,2-Dichloroethane-d4
 Concen: 57.960 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001967.D
 Acq: 12 Mar 2020 20:10

Tgt Ion: 65 Resp: 99518
 Ion Ratio Lower Upper
 65 100
 67 53.8 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: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-0-1-GRAB-B4

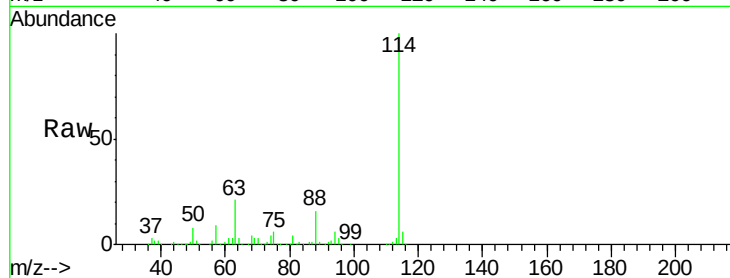
Tot Ion:114 Resp: 304903

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

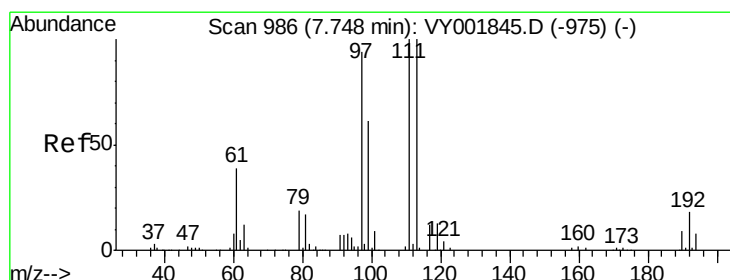
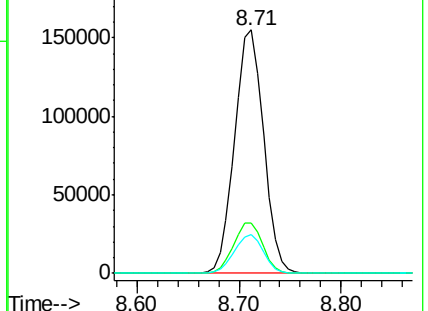
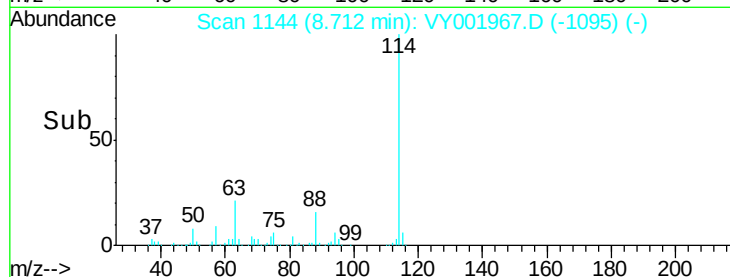
88 15.8 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 53.689 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

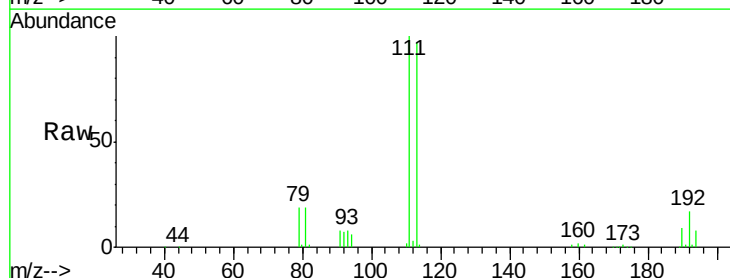
Tgt Ion:113 Resp: 89387

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

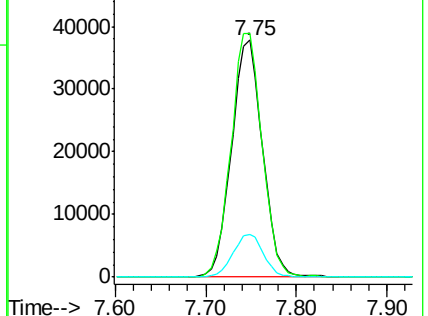
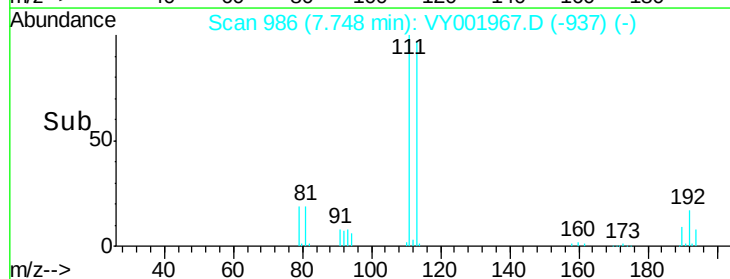
192 17.8 14.2 21.2

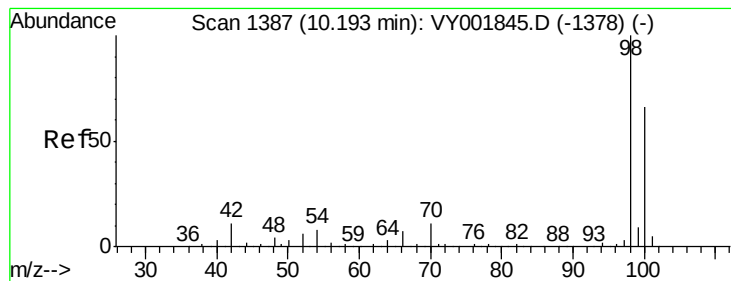


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.367 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

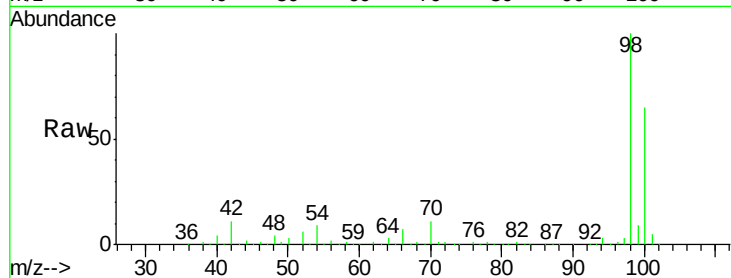
MK-031220-0-1-GRAB-B4

Tot Ion: 98 Resp: 367649

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

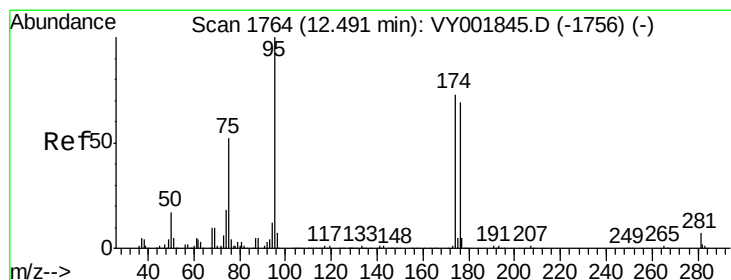
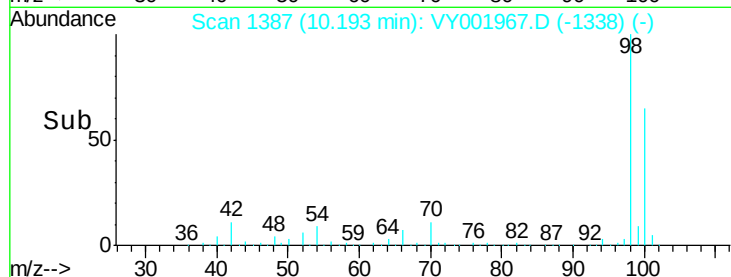
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.546 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001967.D

Acq: 12 Mar 2020 20:10

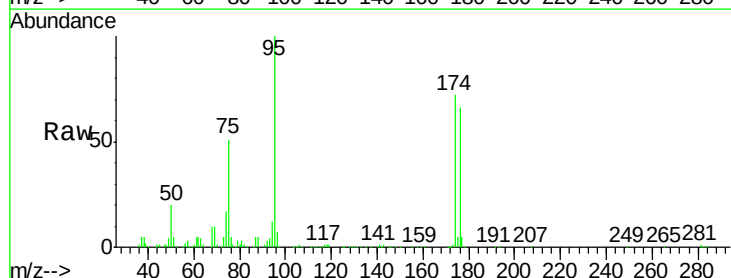
Tgt Ion: 95 Resp: 118508

Ion Ratio Lower Upper

95 100

174 71.1 0.0 145.0

176 68.4 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

100000

80000

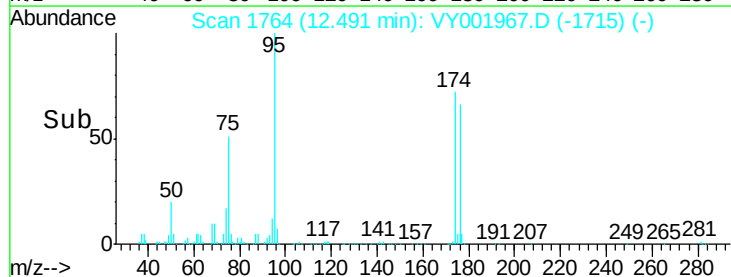
60000

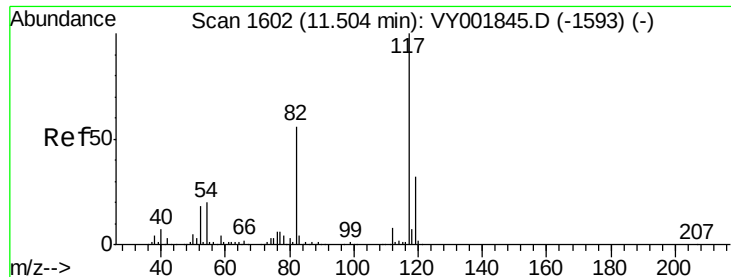
40000

20000

0

Time--> 12.40 12.50

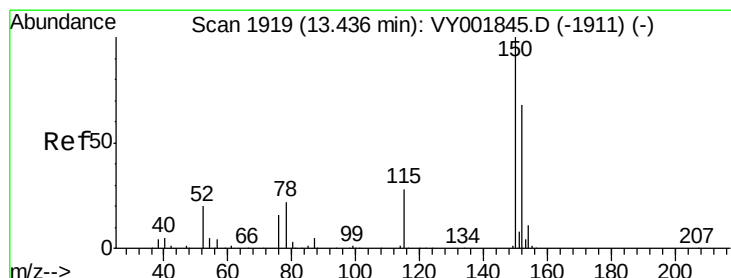
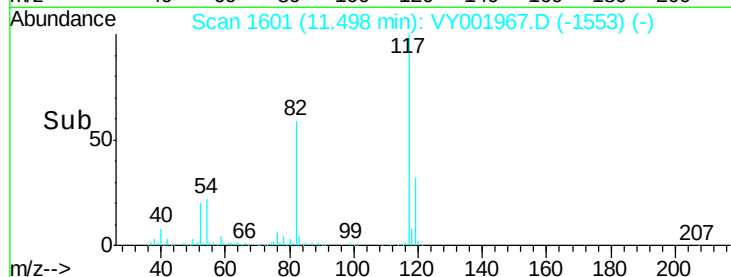
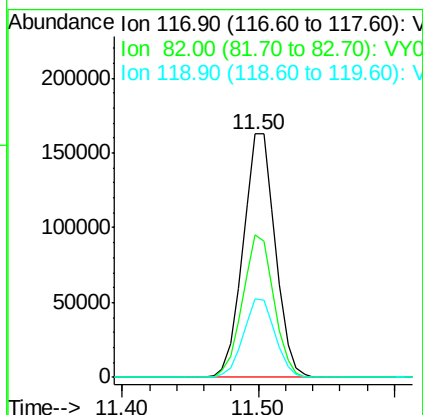
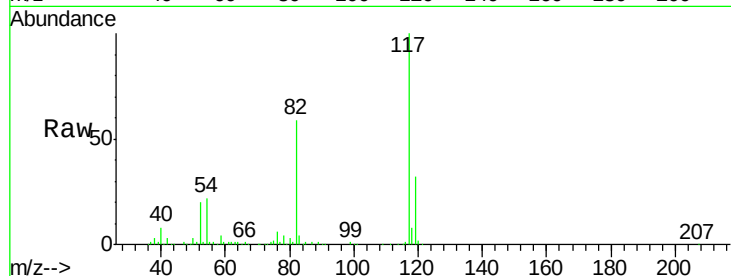




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001967.D
Acq: 12 Mar 2020 20:10

Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-0-1-GRAB-B4

Tot Ion:117 Resp: 268583
Ion Ratio Lower Upper
117 100
82 58.7 44.5 66.7
119 32.3 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: VY001967.D
Acq: 12 Mar 2020 20:10

Tgt Ion:152 Resp: 104220
Ion Ratio Lower Upper
152 100
115 61.3 29.9 89.7
150 159.2 0.0 340.6

