

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001964.D
 Acq On : 12 Mar 2020 19:03
 Operator : SY/MD
 Sample : L1913-09
 Misc : 6.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B2

Quant Time: Mar 13 06:46:41 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

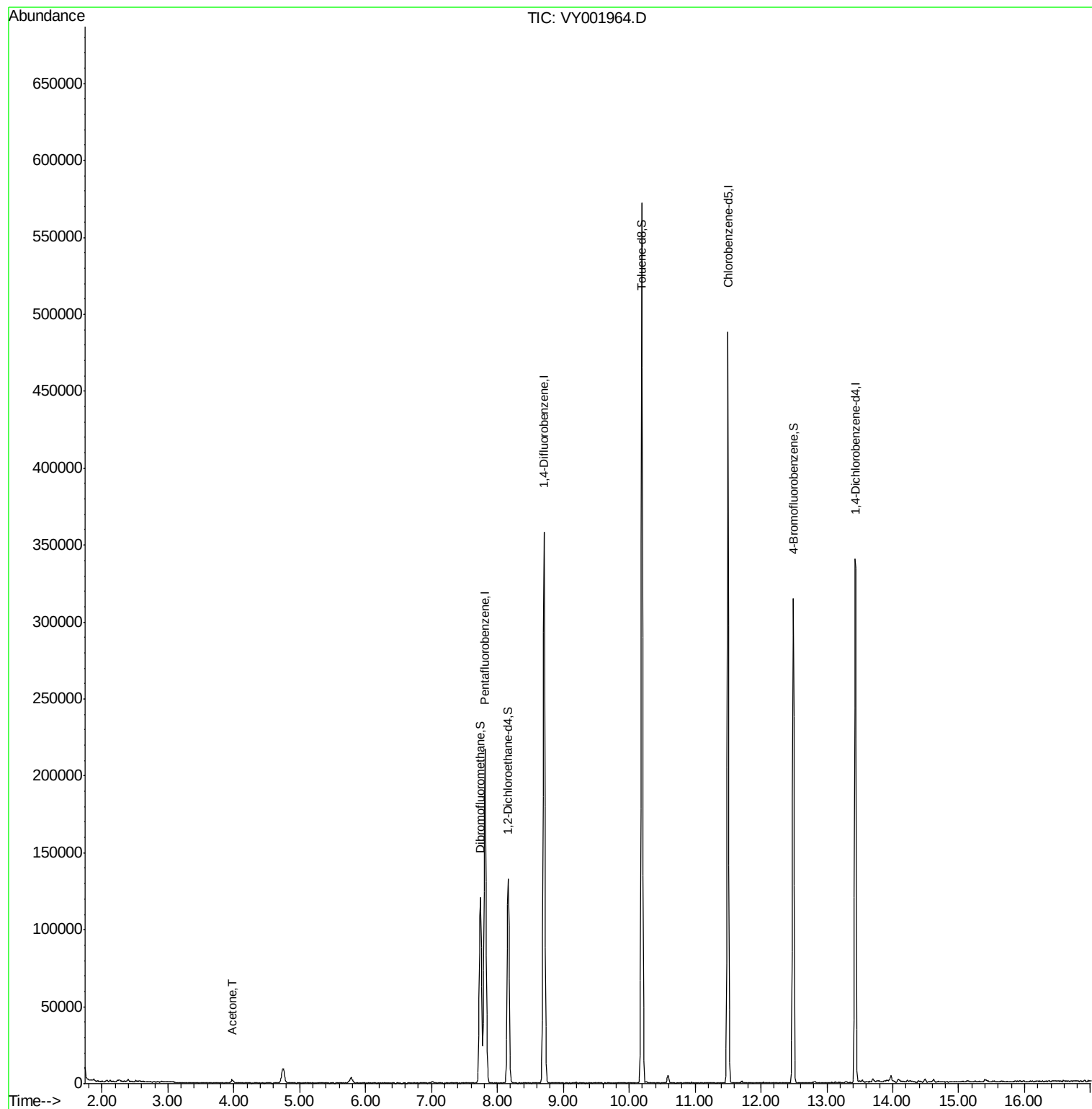
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	161898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	307378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	84050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100406	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
35) Dibromofluoromethane	7.74	113	85459	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.19	98	369985	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.49	95	104239	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
Target Compounds						
16) Acetone	3.97	43	4219	8.381	ug/l	Qvalue 93

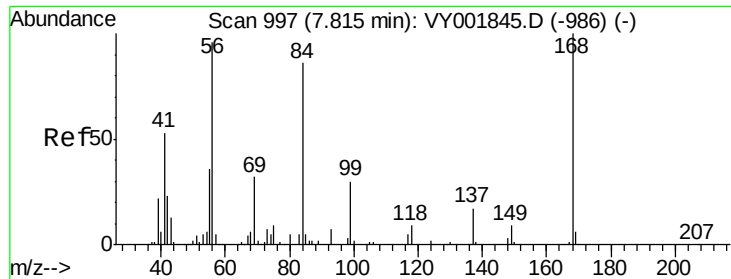
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001964.D

Acq: 12 Mar 2020 19:03

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MSVOA_Y

ClientSampleId :

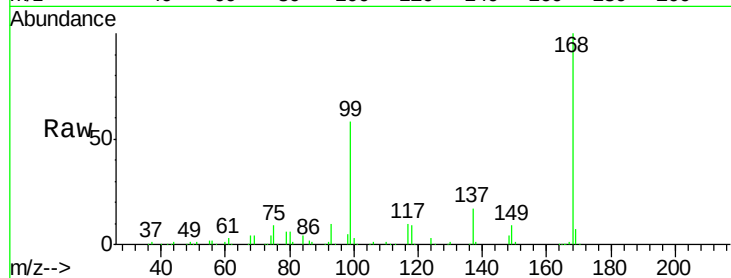
MK-031220-0-1-GRAB-B2

Tot Ion:168 Resp: 161898

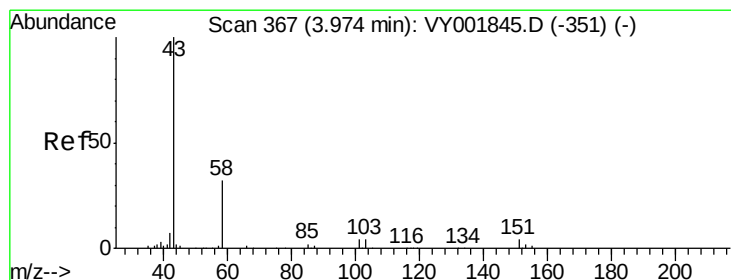
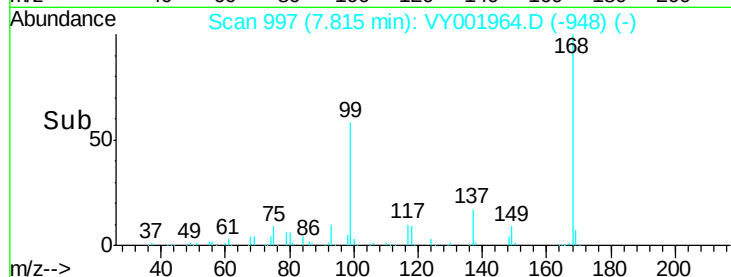
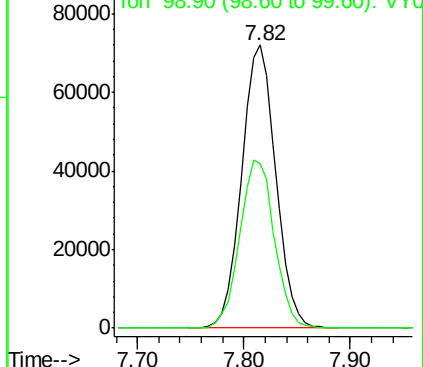
Ion Ratio Lower Upper

168 100

99 58.2 46.7 70.1



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



#16

Acetone

Concen: 8.381 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001964.D

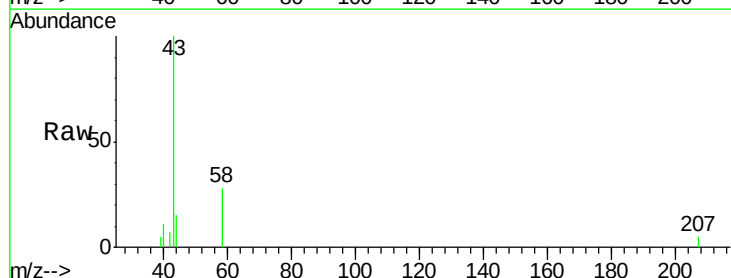
Acq: 12 Mar 2020 19:03

Tgt Ion: 43 Resp: 4219

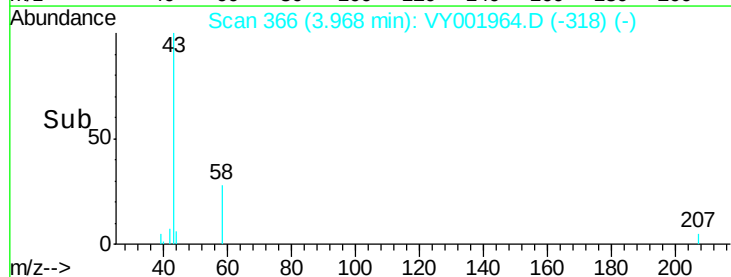
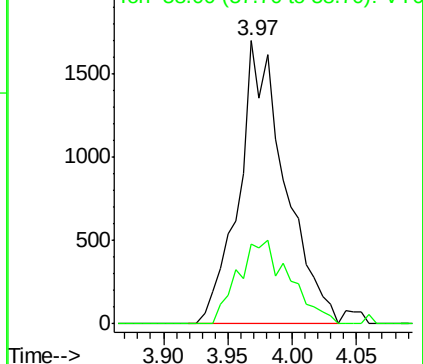
Ion Ratio Lower Upper

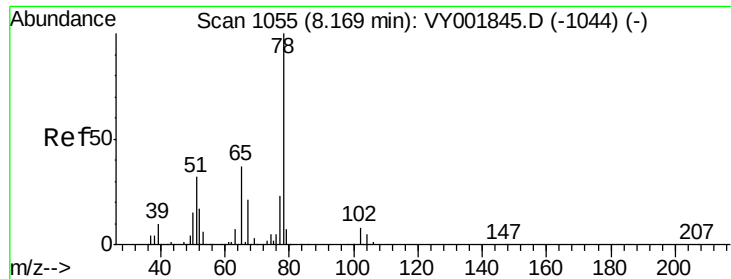
43 100

58 28.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

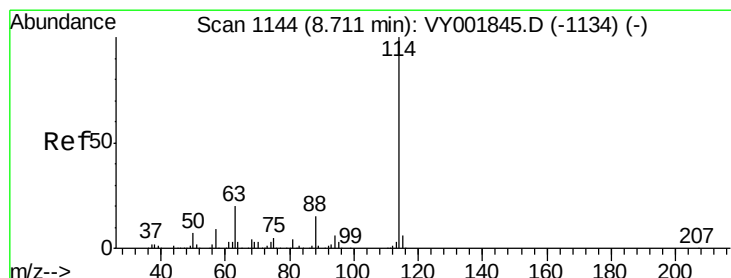
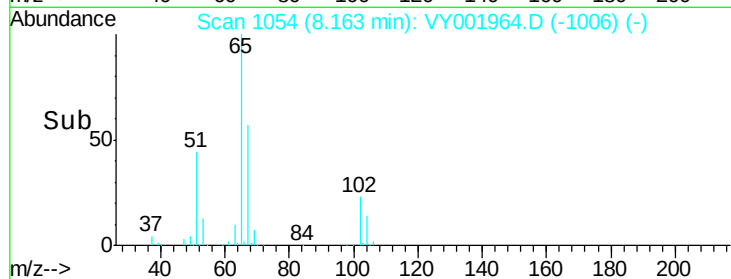
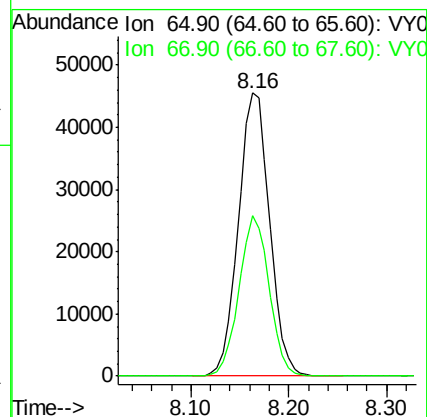
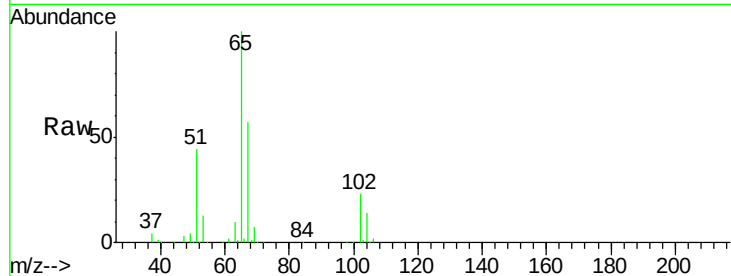




#33
 1,2-Dichloroethane-d4
 Concen: 58.093 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001964.D
 Acq: 12 Mar 2020 19:03

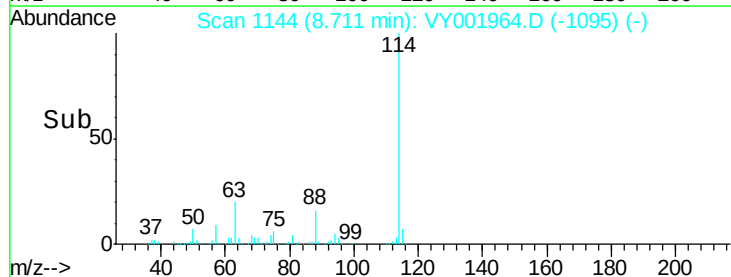
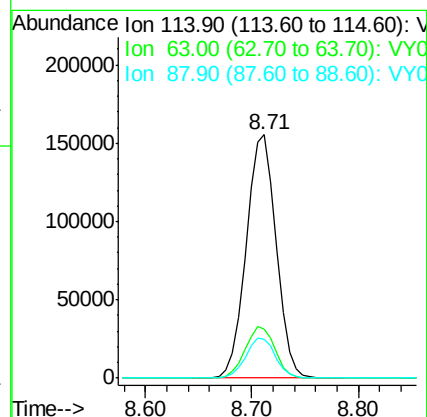
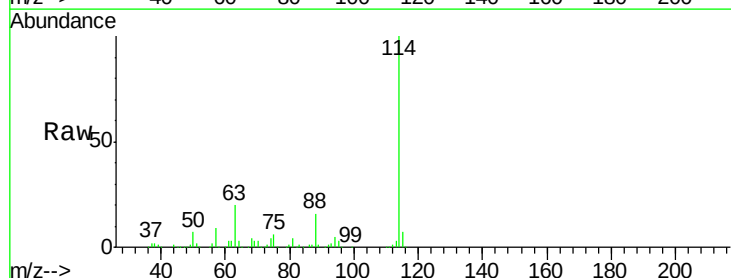
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B2

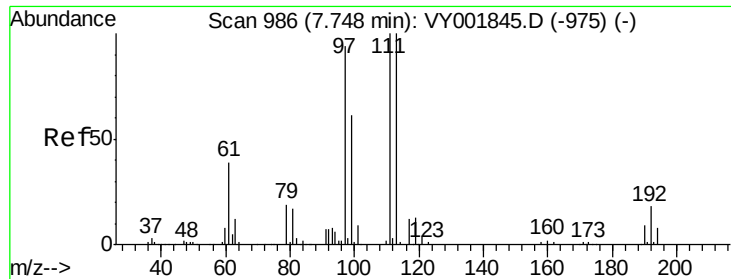
Tot Ion: 65 Resp: 100406
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001964.D
 Acq: 12 Mar 2020 19:03

Tgt Ion: 114 Resp: 307378
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.9 0.0 30.4

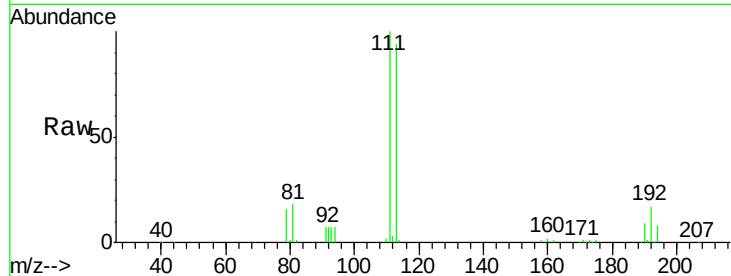




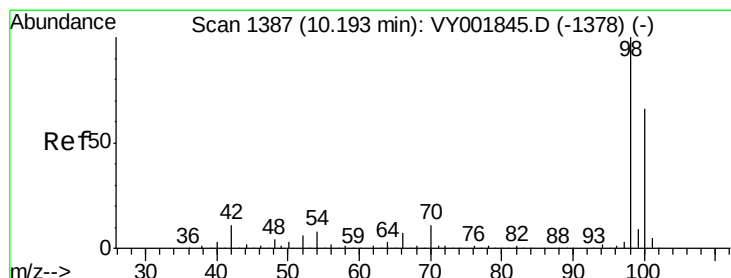
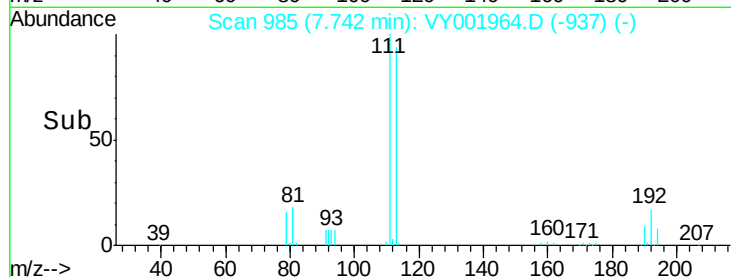
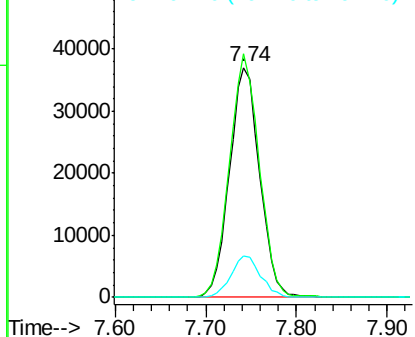
#35
 Dibromofluoromethane
 Concen: 50.916 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001964.D
 Acq: 12 Mar 2020 19:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-0-1-GRAB-B2

Tot Ion:113 Resp: 85459
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.8
 192 17.8 14.2 21.2

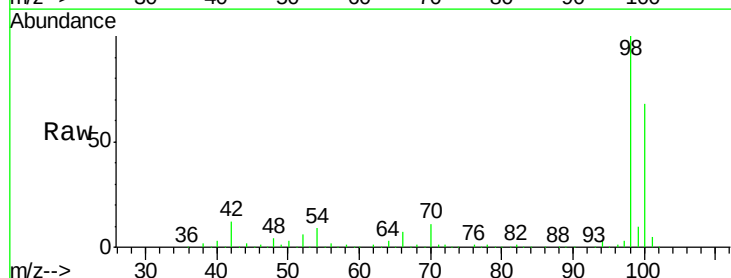


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

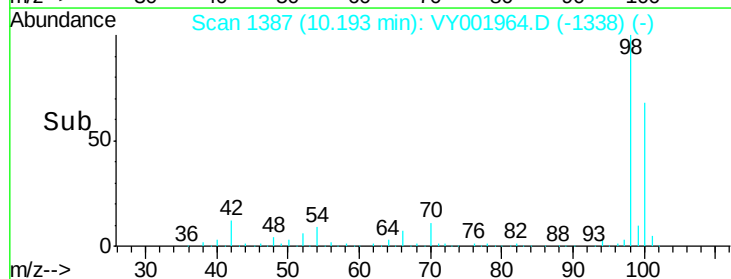
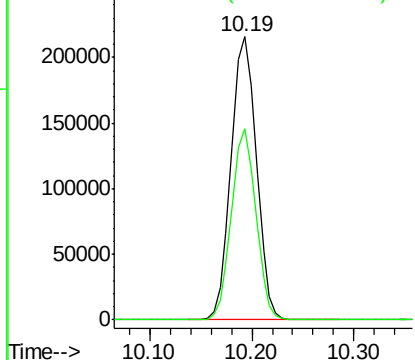


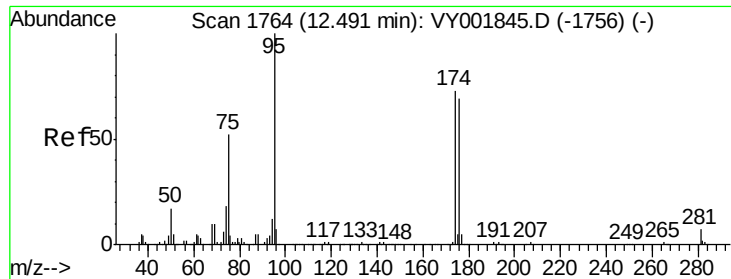
#50
 Toluene-d8
 Concen: 52.275 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001964.D
 Acq: 12 Mar 2020 19:03

Tgt Ion: 98 Resp: 369985
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 42.357 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001964.D

Acq: 12 Mar 2020 19:03

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-0-1-GRAB-B2

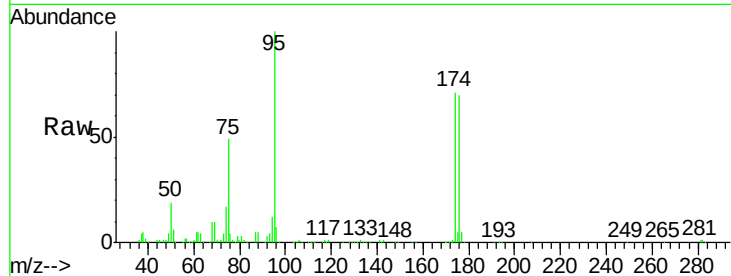
Tot Ion: 95 Resp: 104239

Ion Ratio Lower Upper

95 100

174 70.5 0.0 145.0

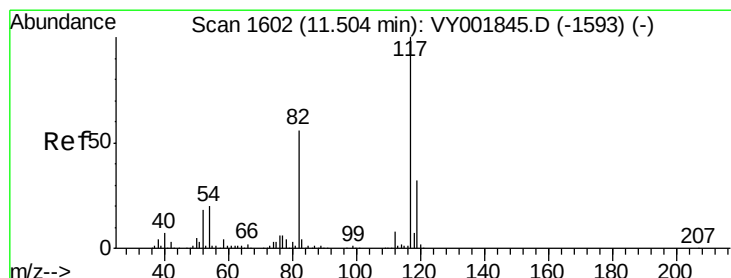
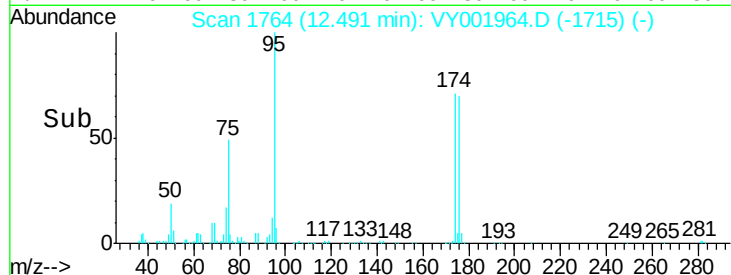
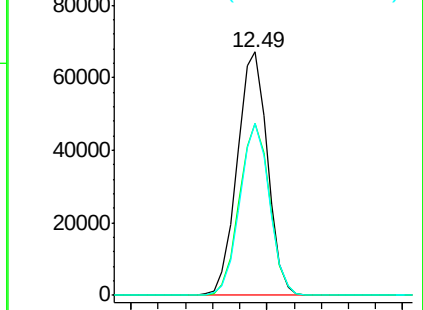
176 69.0 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001964.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY001964.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001964.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001964.D

Acq: 12 Mar 2020 19:03

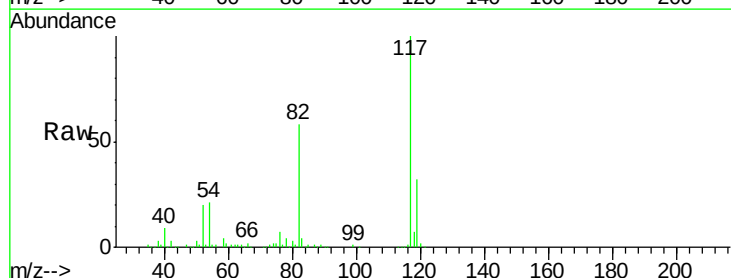
Tgt Ion: 117 Resp: 255524

Ion Ratio Lower Upper

117 100

82 58.2 44.5 66.7

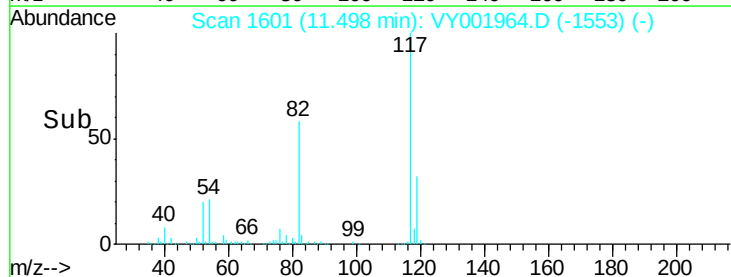
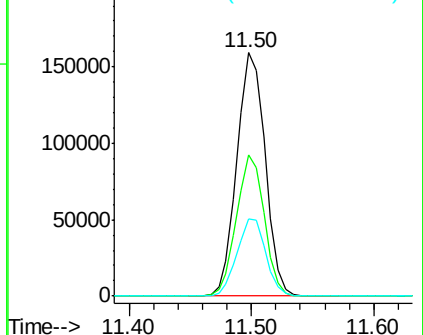
119 31.6 25.7 38.5

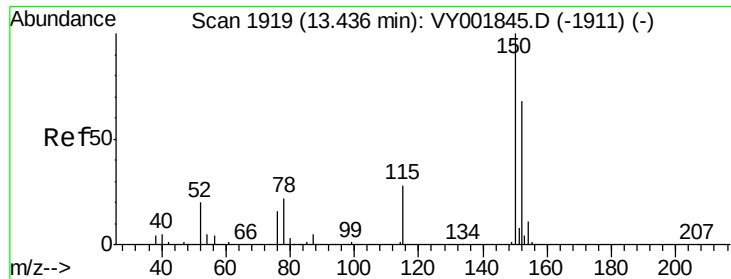


Abundance Ion 116.90 (116.60 to 117.60): VY001964.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001964.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001964.D (-1553) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001964.D

Acq: 12 Mar 2020 19:03

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-0-1-GRAB-B2

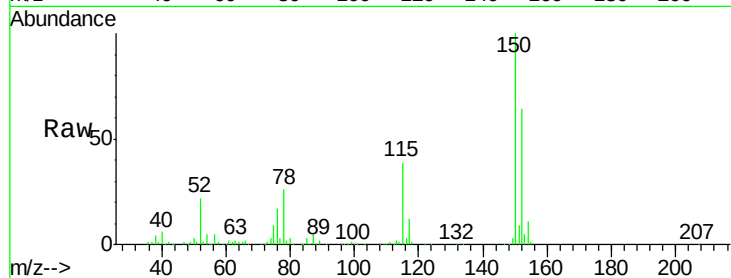
Tot Ion:152 Resp: 84050

Ion Ratio Lower Upper

152 100

115 61.3 29.9 89.7

150 158.7 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

