

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001965.D
 Acq On : 12 Mar 2020 19:25
 Operator : SY/MD
 Sample : L1913-12
 Misc : 5.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B2

Quant Time: Mar 13 06:48:14 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

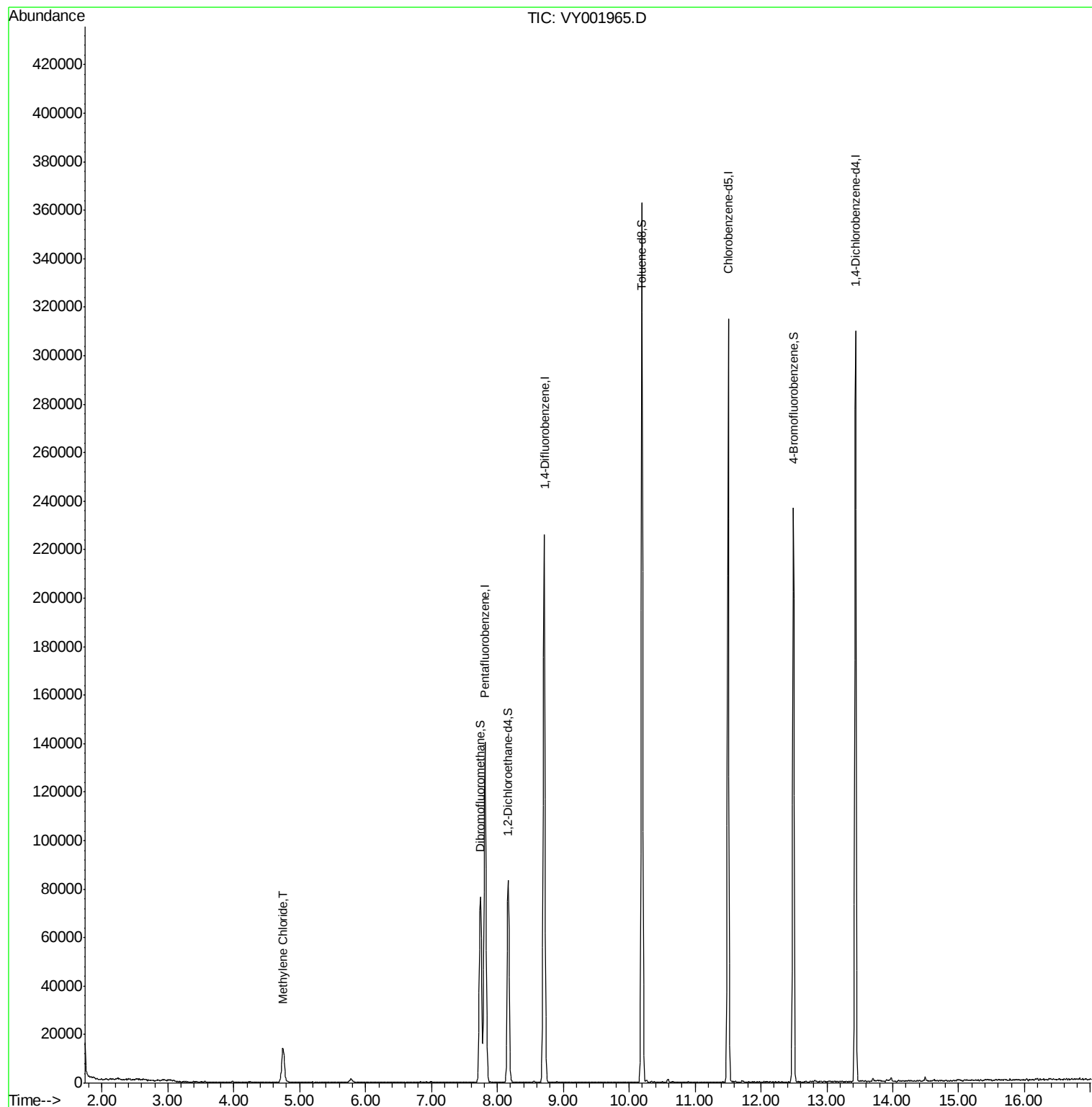
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	104614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	194809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	170385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	73448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	62184	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	7.74	113	56361	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.19	98	234010	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.49	95	77845	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
20) Methylene Chloride	4.74	84	10564	7.578	ug/l	Qvalue 91

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

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QLast Update : Thu Mar 05 04:05:33 2020
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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: VY001965.D

Acq: 12 Mar 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

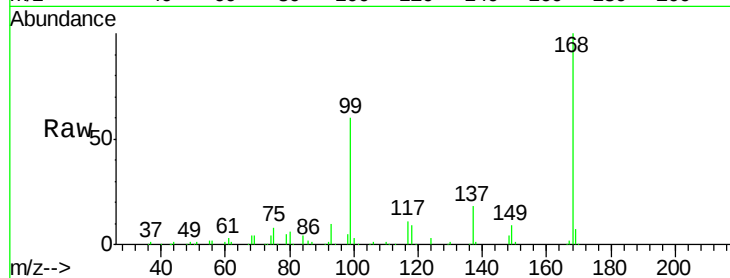
MK-031220-4-5-GRAB-B2

Tot Ion:168 Resp: 104614

Ion Ratio Lower Upper

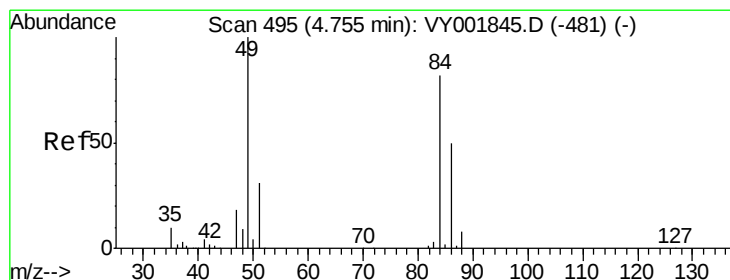
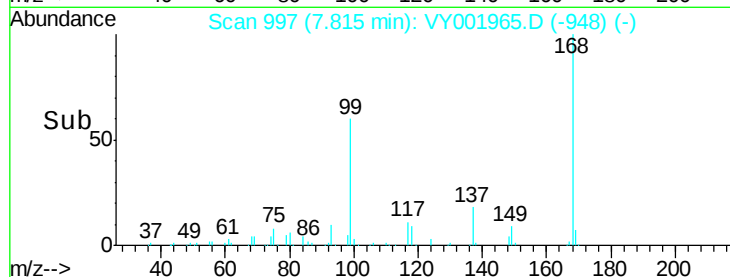
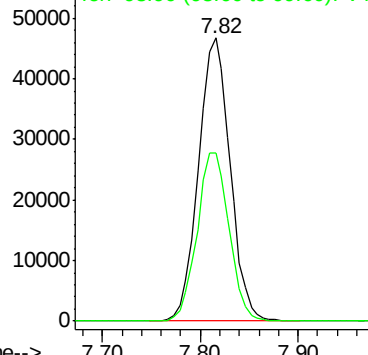
168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#20

Methylene Chloride

Concen: 7.578 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001965.D

Acq: 12 Mar 2020 19:25

Tgt Ion: 84 Resp: 10564

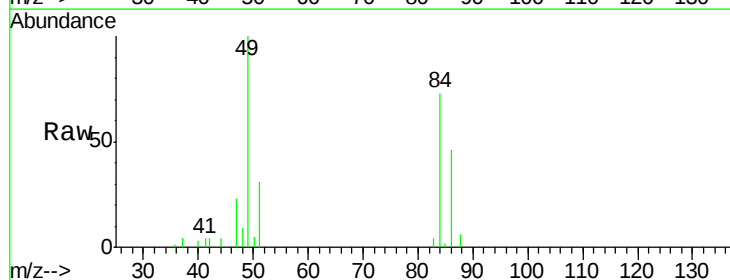
Ion Ratio Lower Upper

84 100

49 136.8 98.2 147.2

51 42.2 30.2 45.2

86 63.6 48.9 73.3

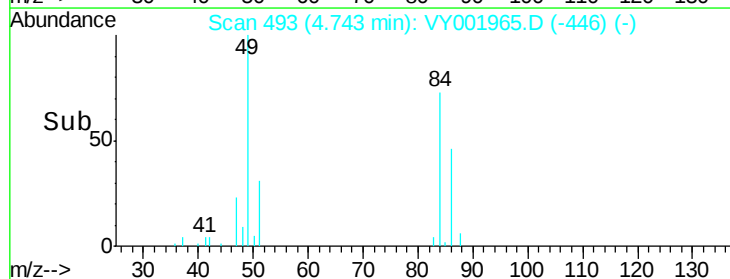
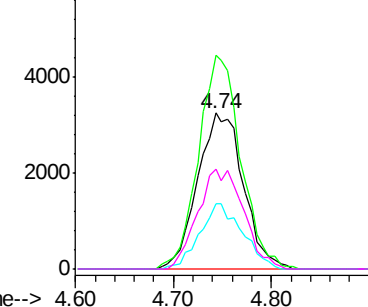


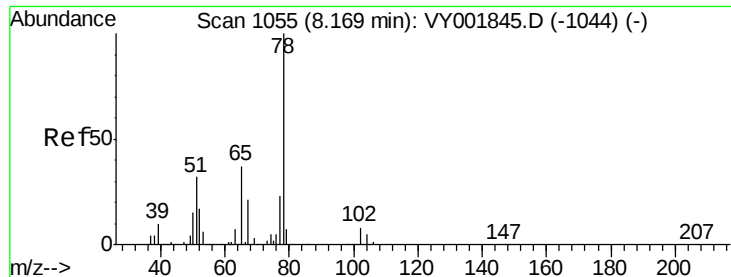
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

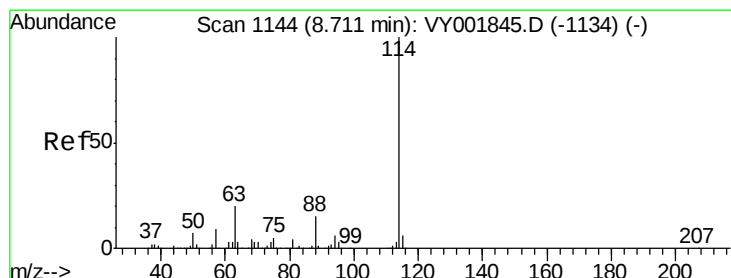
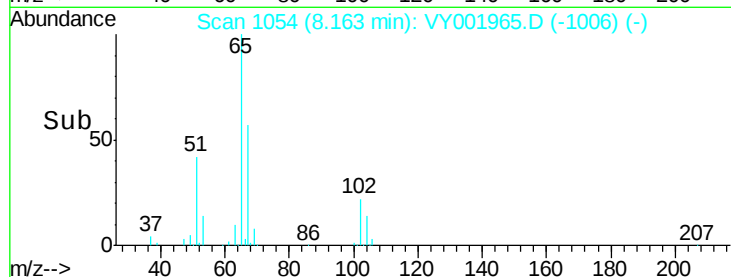
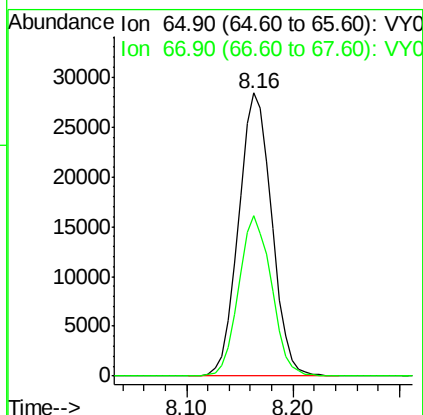
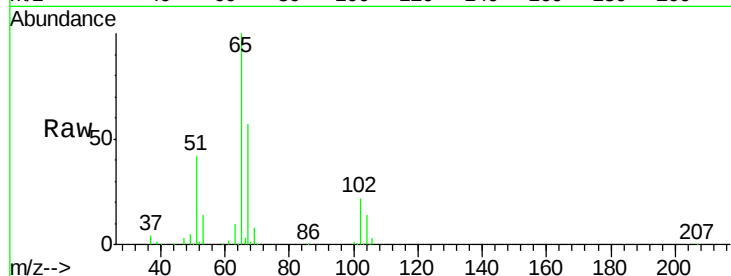




#33
 1,2-Dichloroethane-d4
 Concen: 55.679 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001965.D
 Acq: 12 Mar 2020 19:25

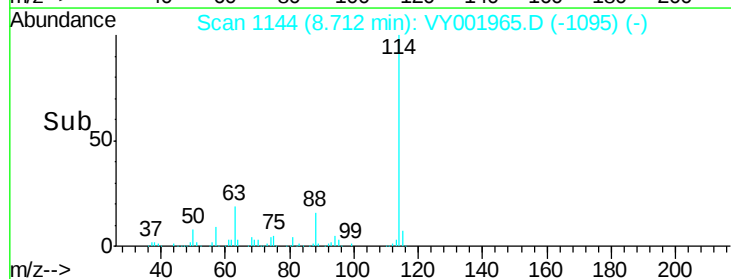
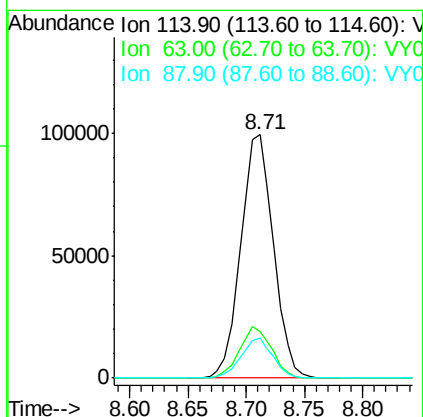
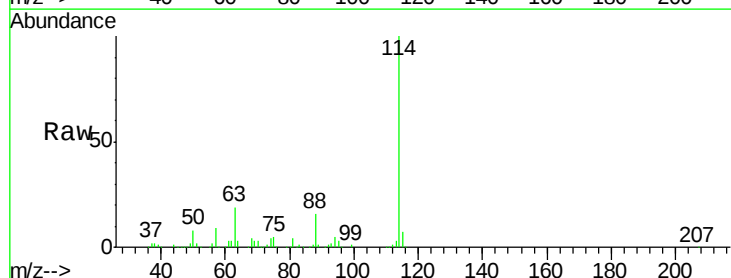
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B2

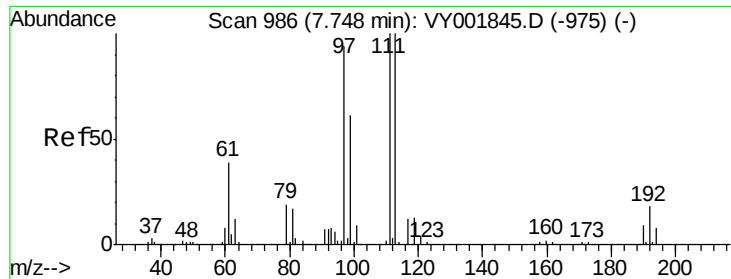
Tot Ion: 65 Resp: 62184
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001965.D
 Acq: 12 Mar 2020 19:25

Tgt Ion: 114 Resp: 194809
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 16.4 0.0 30.4

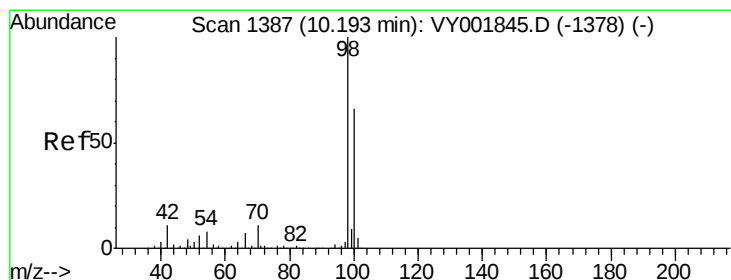
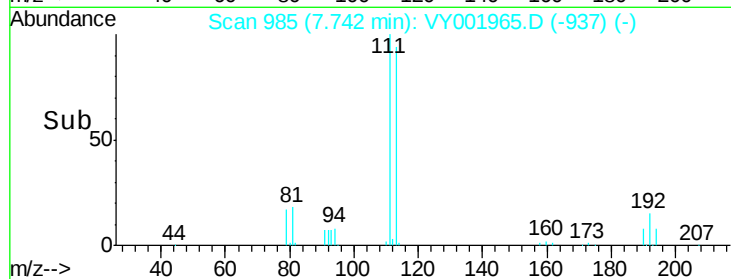
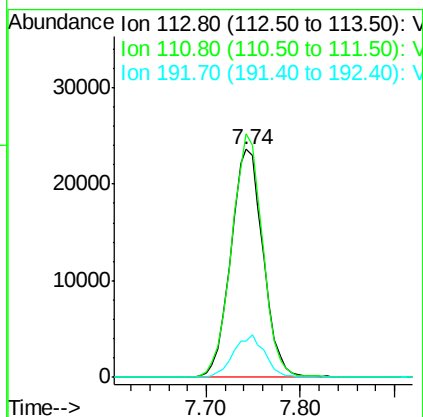
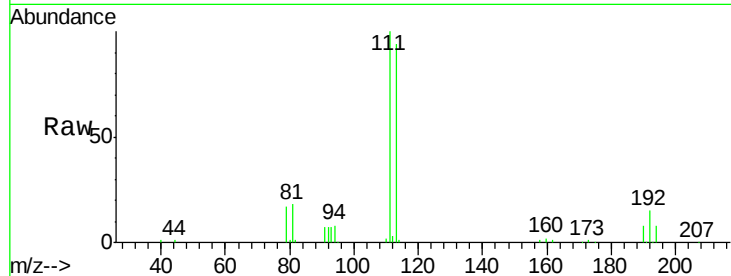




#35
 Dibromofluoromethane
 Concen: 52.984 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001965.D
 Acq: 12 Mar 2020 19:25

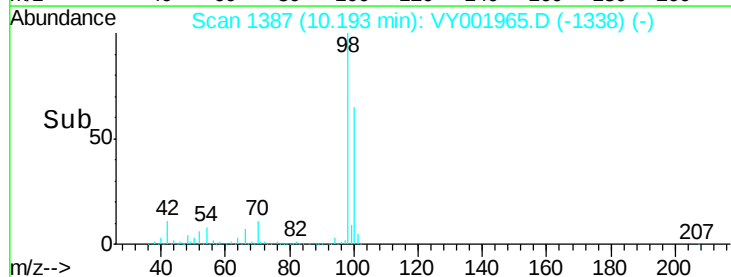
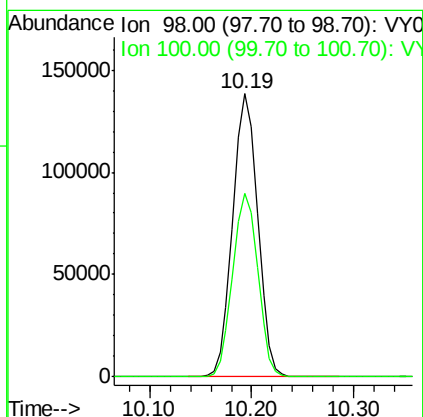
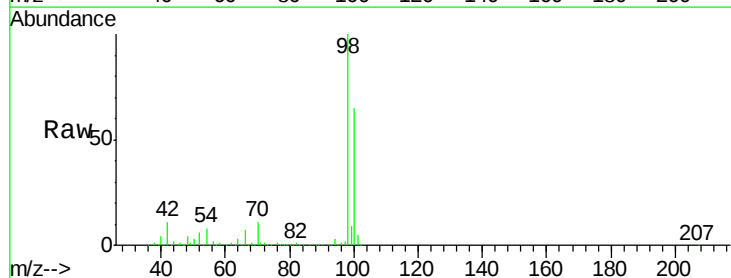
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B2

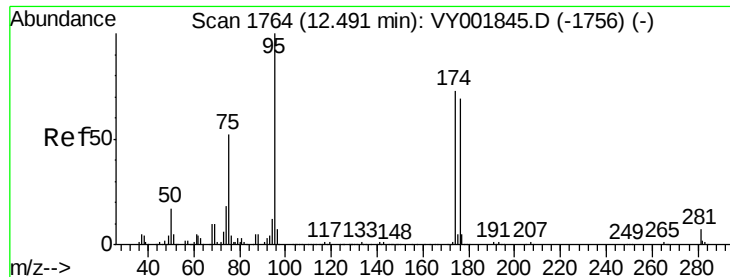
Tot Ion:113 Resp: 56361
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 18.1 14.2 21.2



#50
 Toluene-d8
 Concen: 52.169 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001965.D
 Acq: 12 Mar 2020 19:25

Tgt Ion: 98 Resp: 234010
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 49.910 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001965.D

Acq: 12 Mar 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

MK-031220-4-5-GRAB-B2

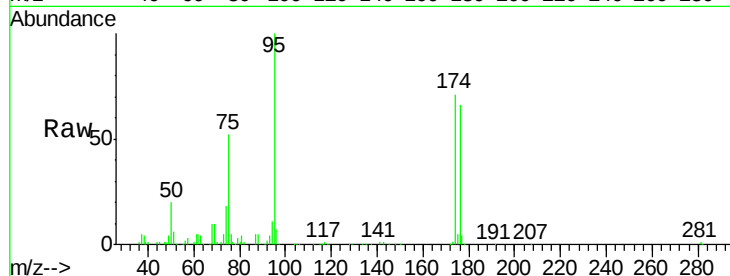
Tot Ion: 95 Resp: 77845

Ion Ratio Lower Upper

95 100

174 71.2 0.0 145.0

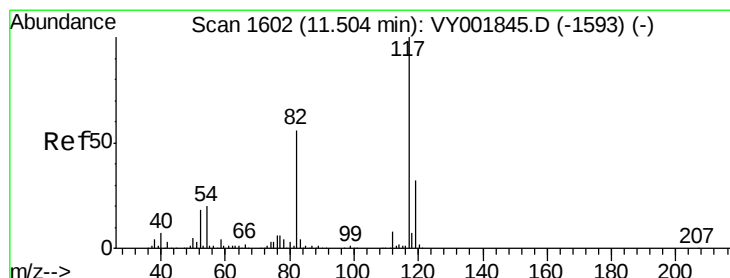
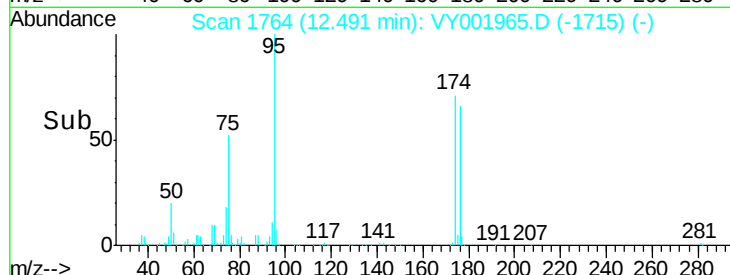
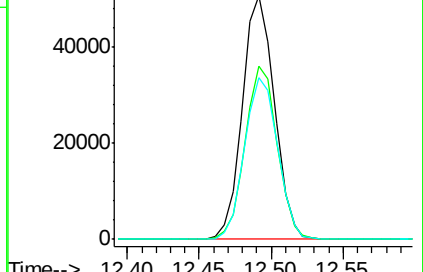
176 68.4 0.0 137.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001965.D

Acq: 12 Mar 2020 19:25

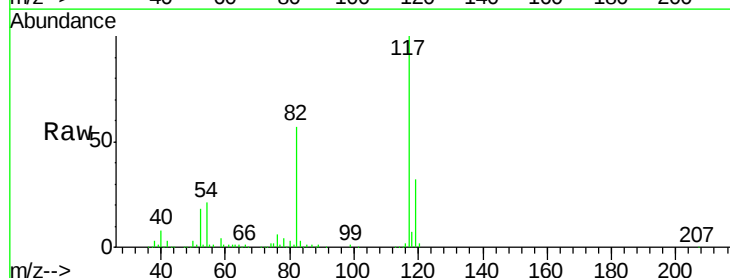
Tgt Ion: 117 Resp: 170385

Ion Ratio Lower Upper

117 100

82 56.9 44.5 66.7

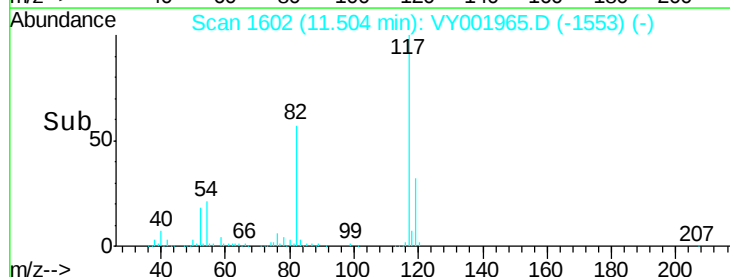
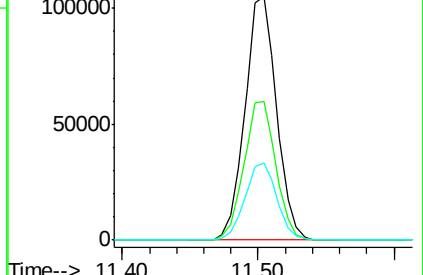
119 31.7 25.7 38.5

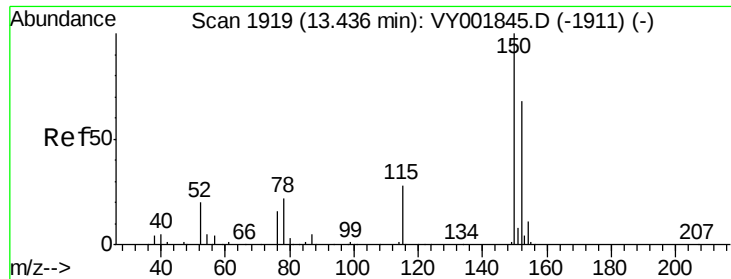


Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001845.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001845.D (-1593) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VY001965.D
 Acq: 12 Mar 2020 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B2

Tot Ion:152 Resp: 73448
 Ion Ratio Lower Upper
 152 100
 115 60.9 29.9 89.7
 150 160.6 0.0 340.6

