

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001943.D
 Acq On : 11 Mar 2020 15:16
 Operator : SY/MD
 Sample : L1893-09
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2(8-9)

Quant Time: Mar 12 03:17:03 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

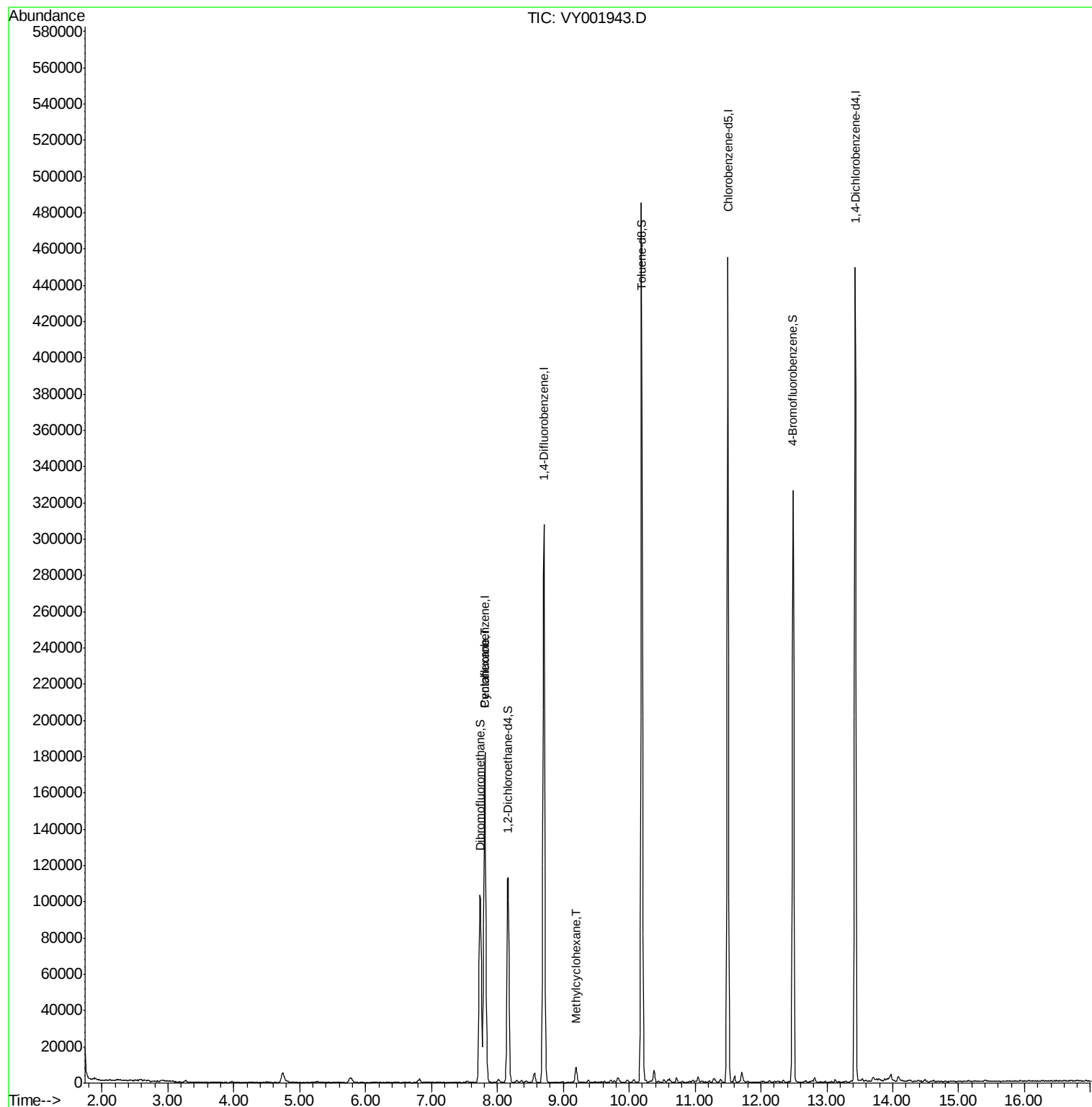
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	134030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	259067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	237103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	107149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86037	60.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.26%	
35) Dibromofluoromethane	7.74	113	75128	53.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.22%	
50) Toluene-d8	10.19	98	316333	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.49	95	108715	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
Target Compounds						
31) Cyclohexane	7.80	56	4512	1.435	ug/l #	26
39) Methylcyclohexane	9.19	83	3639	1.101	ug/l	89

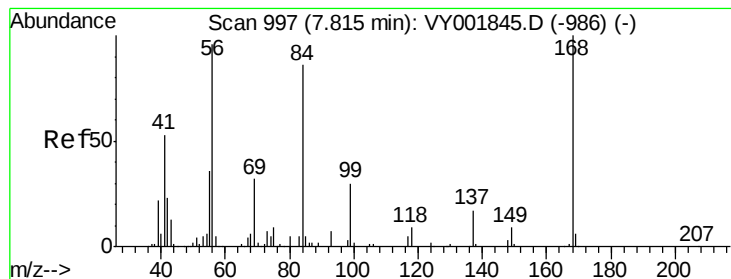
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

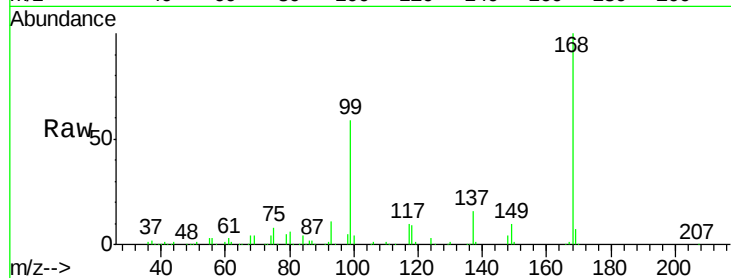
TP-2(8-9)

Tot Ion:168 Resp: 134030

Ion Ratio Lower Upper

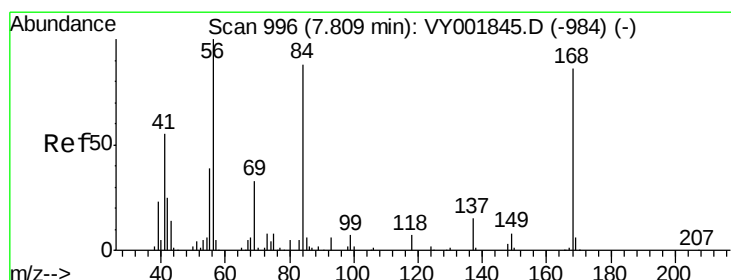
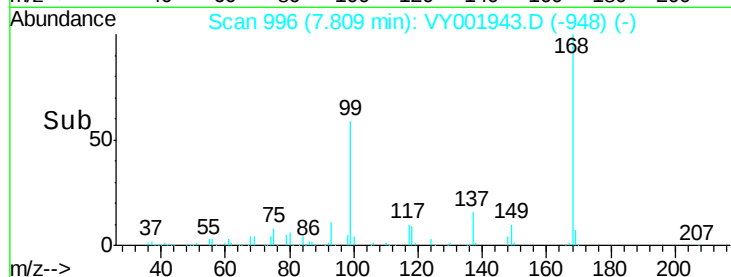
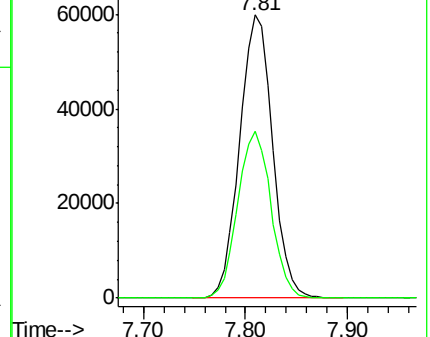
168 100

99 58.9 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#31

Cyclohexane

Concen: 1.435 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

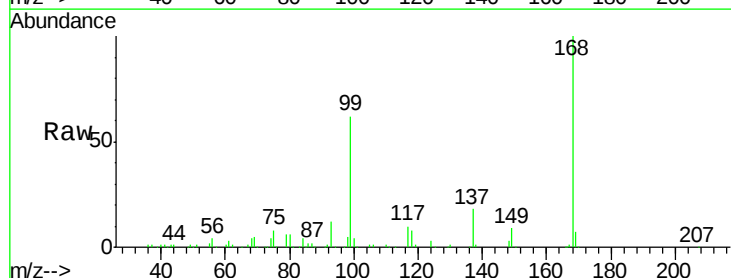
Tgt Ion: 56 Resp: 4512

Ion Ratio Lower Upper

56 100

69 130.2 26.7 40.1#

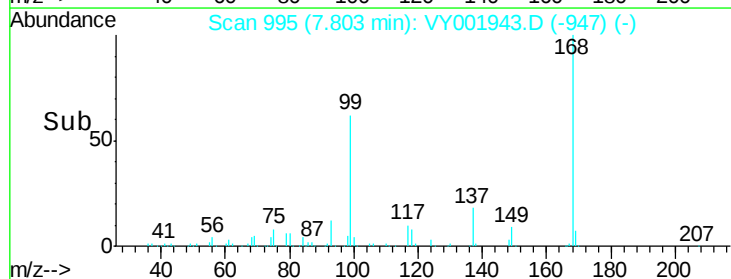
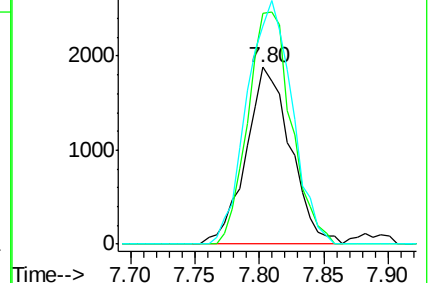
84 123.2 70.4 105.6#

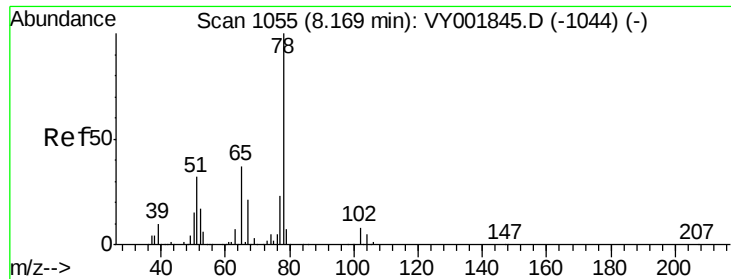


Abundance Ion 56.00 (55.70 to 56.70): VY001845.D (-984) (-)

Ion 69.00 (68.70 to 69.70): VY001845.D (-984) (-)

Ion 84.00 (83.70 to 84.70): VY001845.D (-984) (-)





#33

1,2-Dichloroethane-d4

Concen: 60.130 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

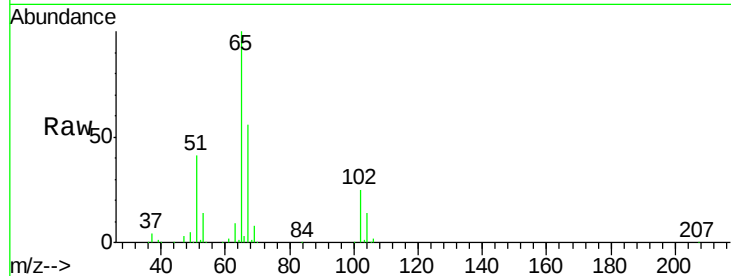
TP-2(8-9)

Tot Ion: 65 Resp: 86037

Ion Ratio Lower Upper

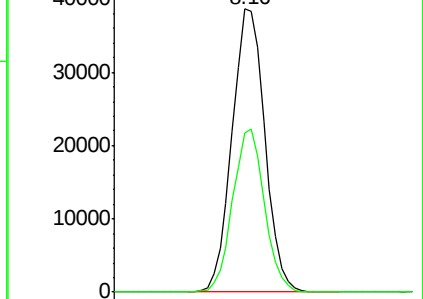
65 100

67 55.5 0.0 110.8

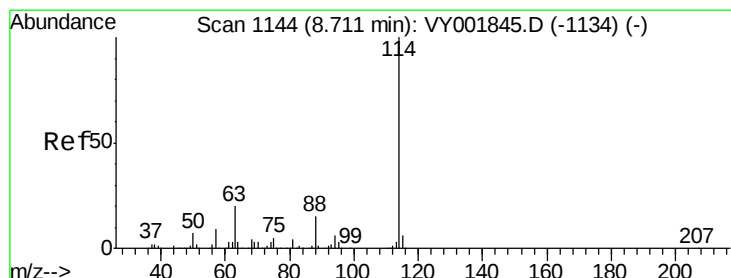
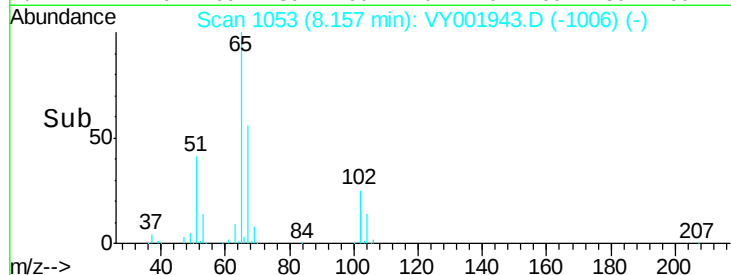


Abundance Ion 64.90 (64.60 to 65.60): VY001943.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001943.D (-1006) (-)



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

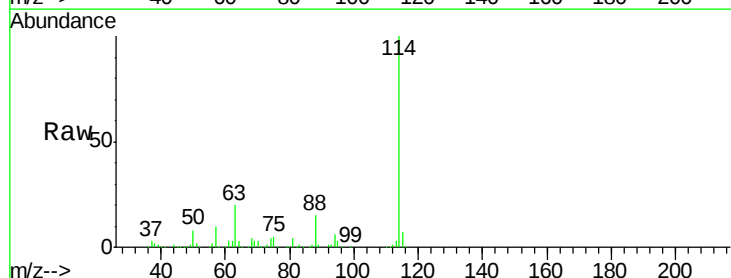
Tgt Ion: 114 Resp: 259067

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

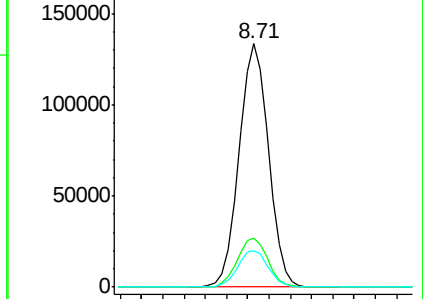
88 15.1 0.0 30.4



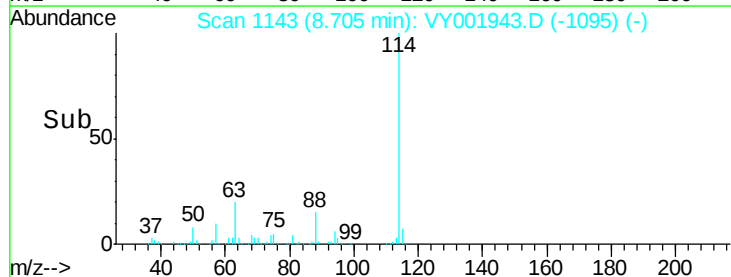
Abundance Ion 113.90 (113.60 to 114.60): VY001943.D (-1095) (-)

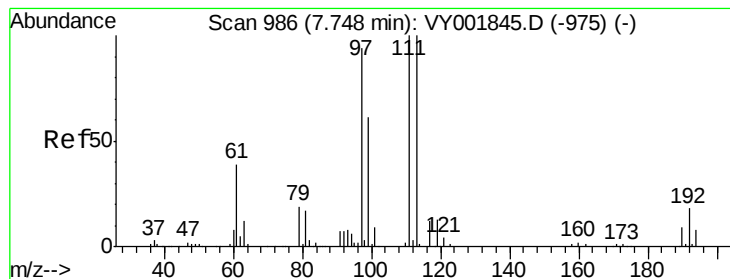
Ion 63.00 (62.70 to 63.70): VY001943.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001943.D (-1095) (-)



Time-->





#35

Dibromofluoromethane

Concen: 53.108 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(8-9)

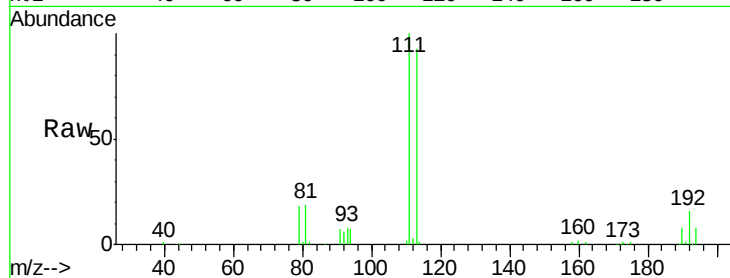
Tot Ion:113 Resp: 75128

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

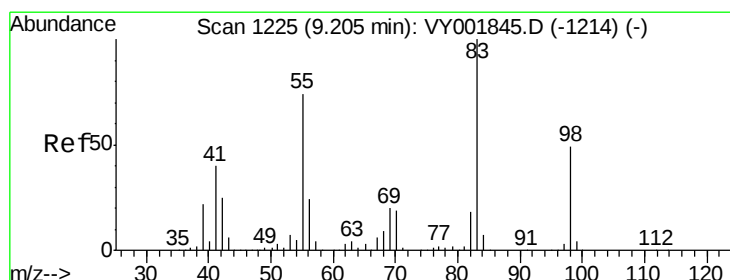
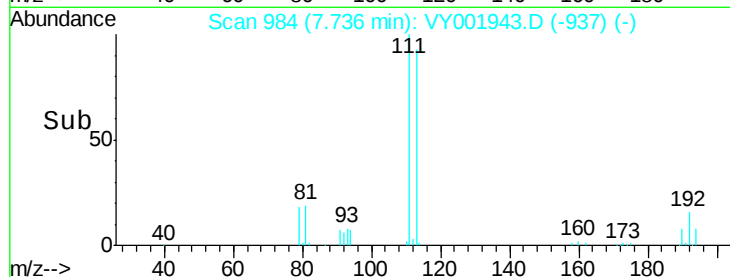
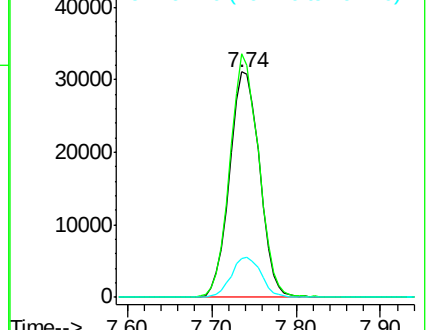
192 17.8 14.2 21.2



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



#39

Methylcyclohexane

Concen: 1.101 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

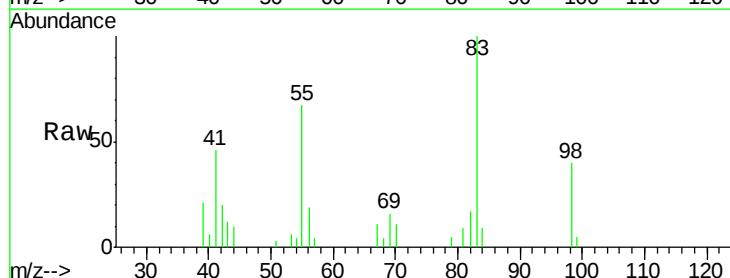
Tgt Ion: 83 Resp: 3639

Ion Ratio Lower Upper

83 100

55 66.8 59.4 89.0

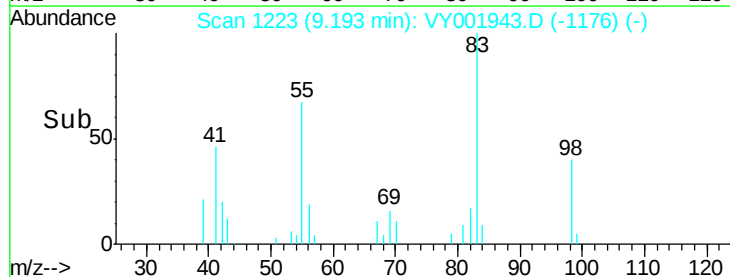
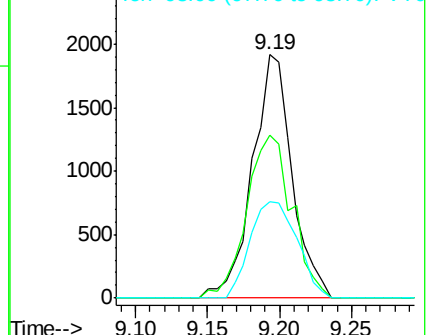
98 39.6 38.9 58.3

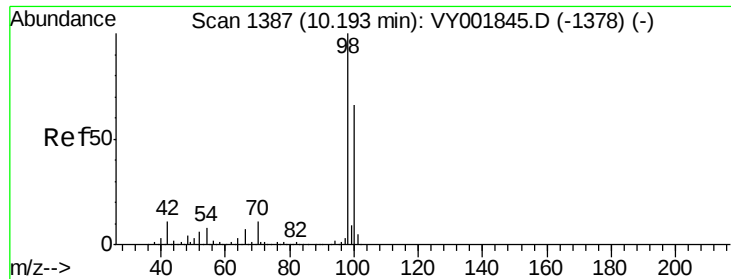


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

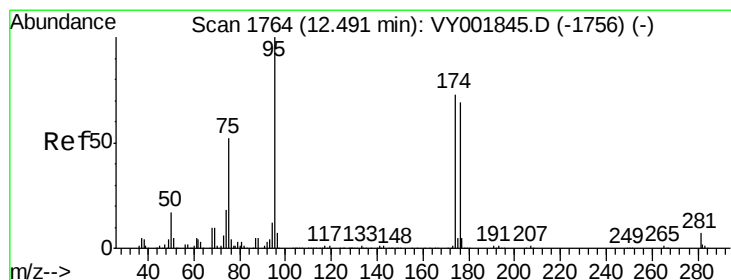
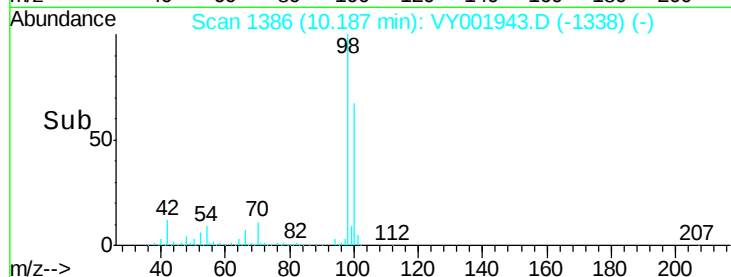
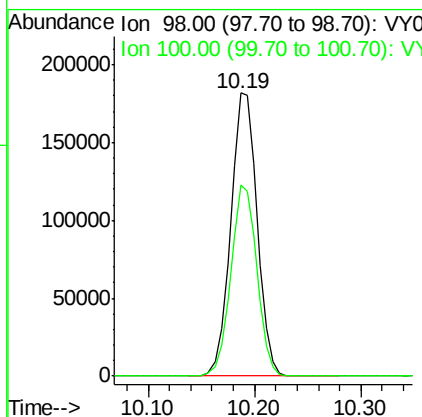
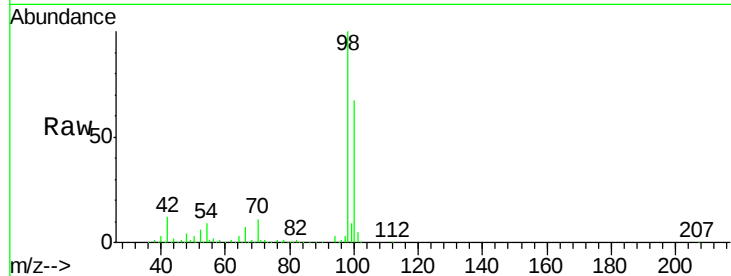




#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001943.D
Acq: 11 Mar 2020 15:16

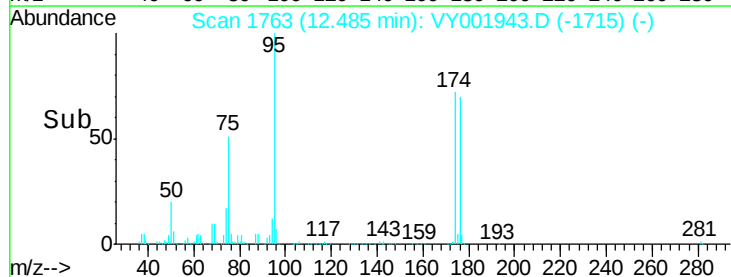
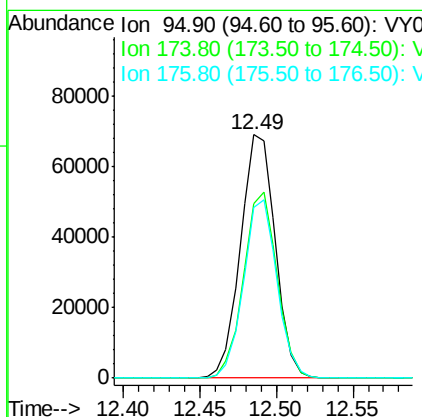
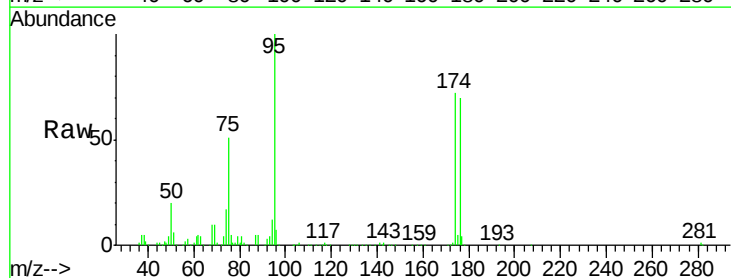
Instrument :
MSVOA_Y
ClientSampleId :
TP-2(8-9)

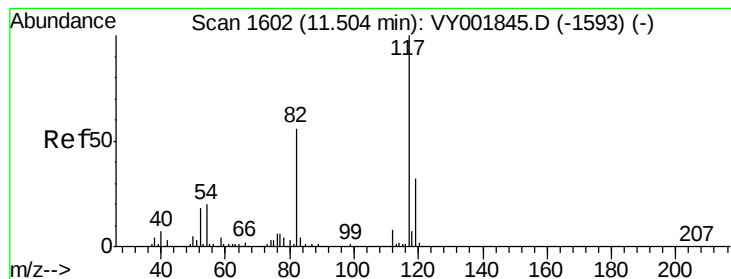
Tot Ion: 98 Resp: 316333
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.413 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001943.D
Acq: 11 Mar 2020 15:16

Tgt Ion: 95 Resp: 108715
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.0
176 70.7 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: VY001943.D

Acq: 11 Mar 2020 15:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(8-9)

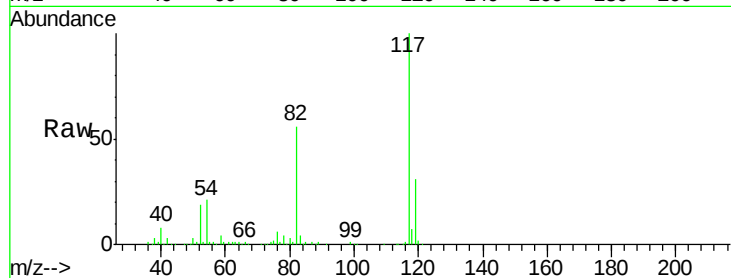
Tot Ion:117 Resp: 237103

Ion Ratio Lower Upper

117 100

82 55.9 44.5 66.7

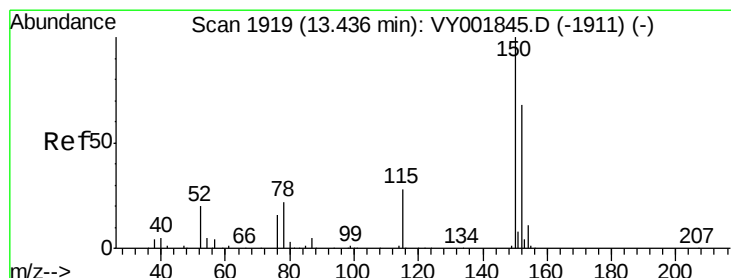
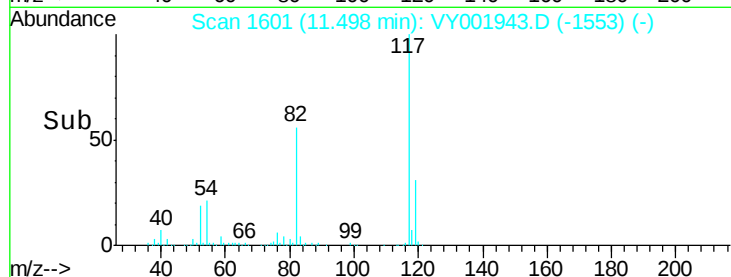
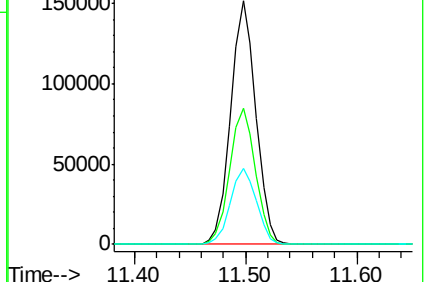
119 31.1 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001943.D

Acq: 11 Mar 2020 15:16

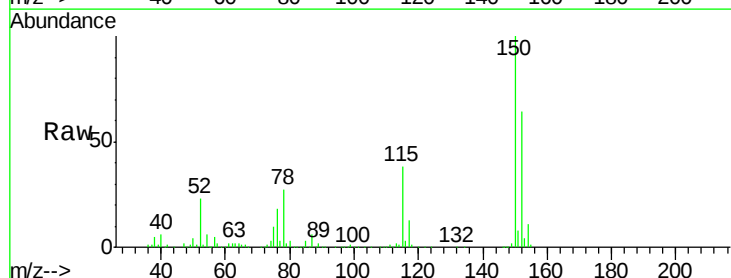
Tgt Ion:152 Resp: 107149

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

150 157.5 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

