

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001910.D
 Acq On : 09 Mar 2020 16:02
 Operator : SY/MD
 Sample : L1852-02
 Misc : 5.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-S2

Quant Time: Mar 10 12:14:24 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

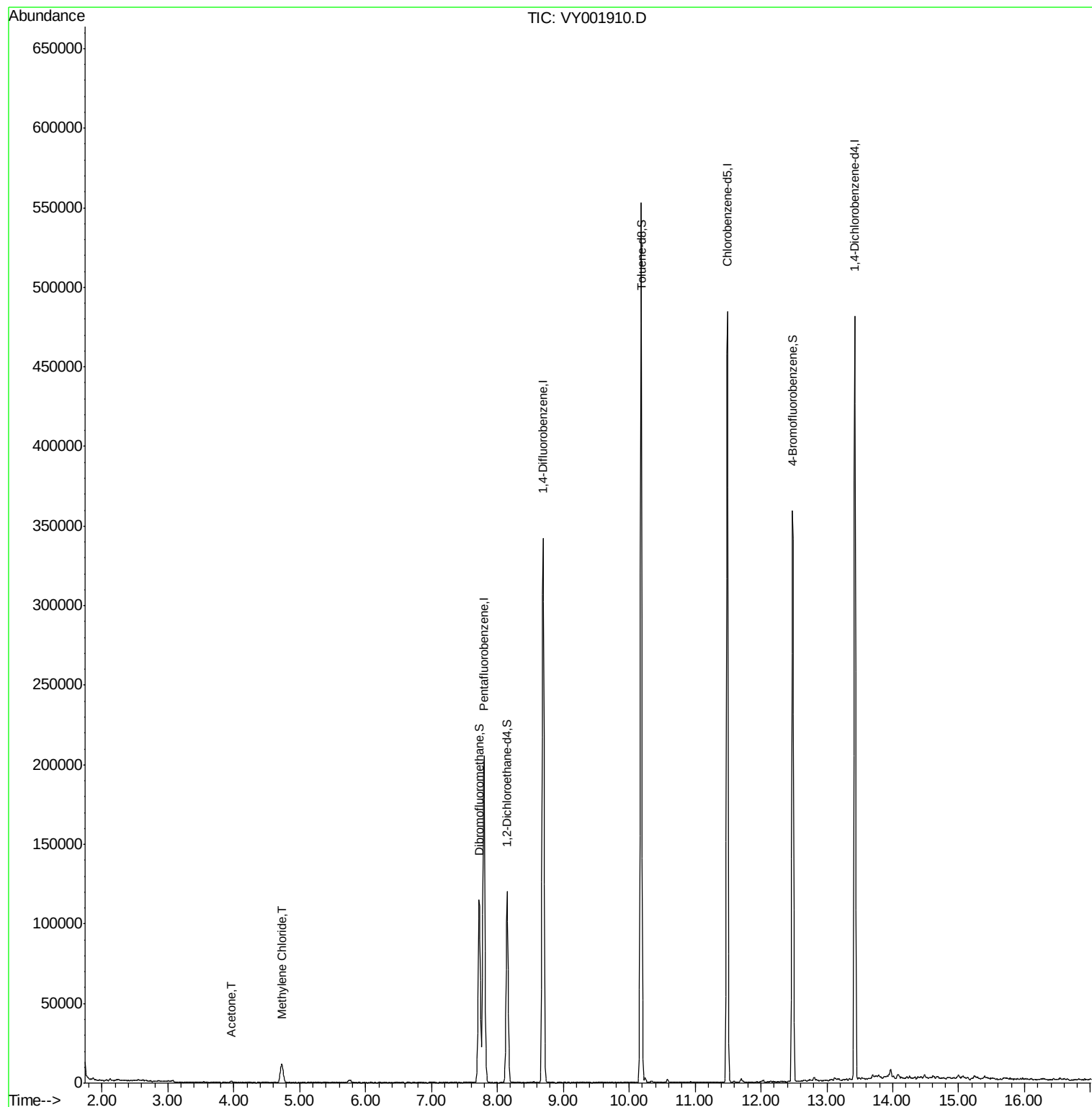
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	152437	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	289263	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	262690	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	114355	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90679	55.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	7.72	113	83717	53.00	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.00%	
50) Toluene-d8	10.18	98	351697	52.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.48	95	118745	51.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.54%	
Target Compounds						
16) Acetone	3.96	43	1487	3.137	ug/l	91
20) Methylene Chloride	4.72	84	9050	4.455	ug/l	87

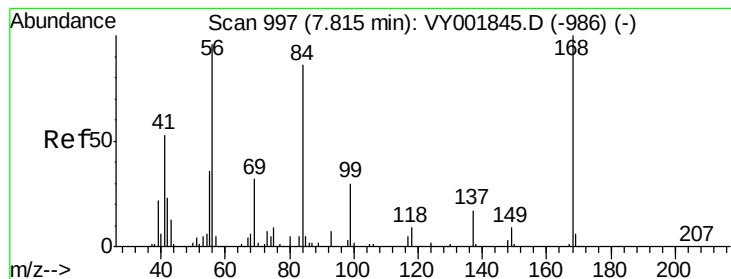
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampled :

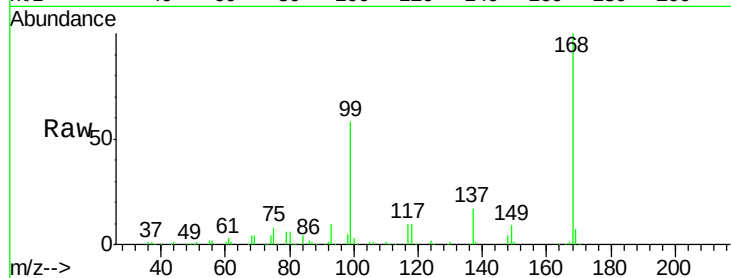
TP-1-S2

Tot Ion:168 Resp: 152437

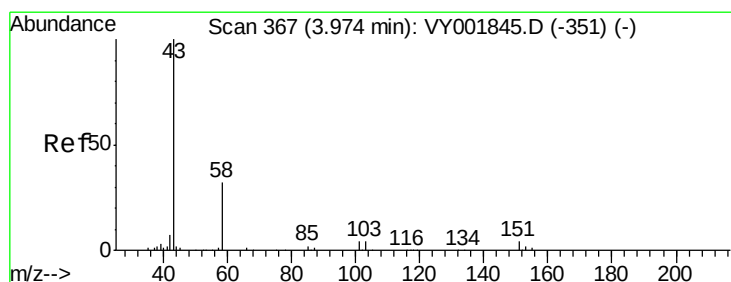
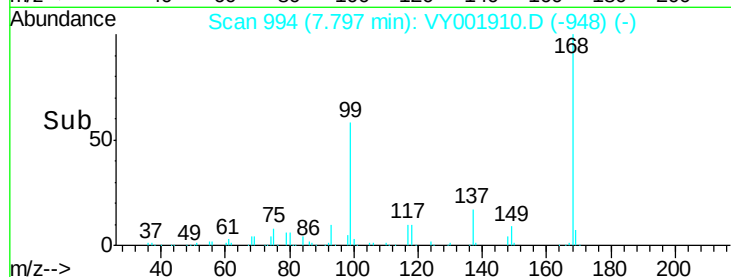
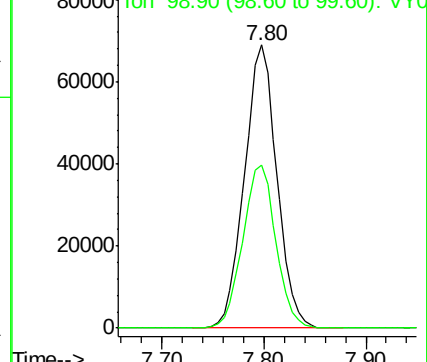
Ion Ratio Lower Upper

168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001910.D (-948) (-)



#16

Acetone

Concen: 3.137 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001910.D

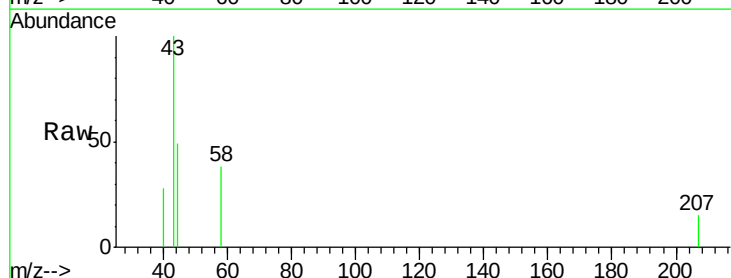
Acq: 09 Mar 2020 16:02

Tgt Ion: 43 Resp: 1487

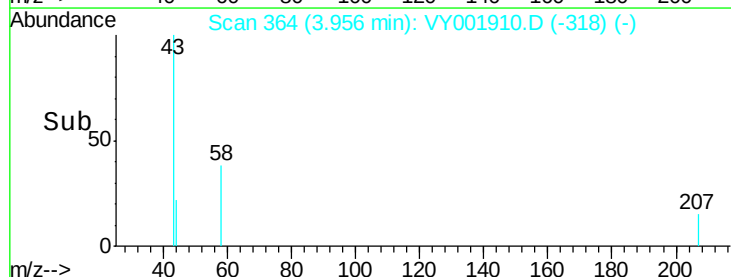
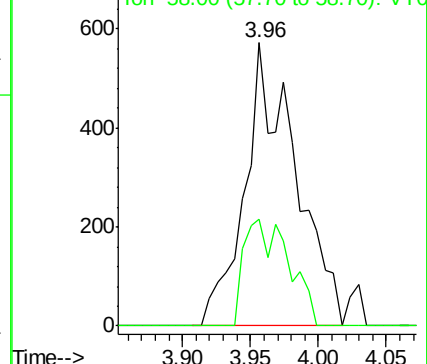
Ion Ratio Lower Upper

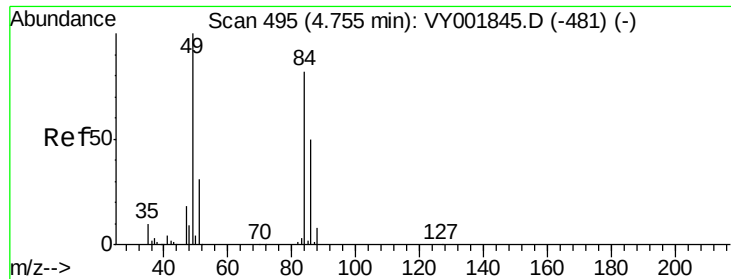
43 100

58 37.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001910.D (-318) (-)





#20

Methylene Chloride

Concen: 4.455 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.03 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampled :

TP-1-S2

Tot Ion: 84 Resp: 9050

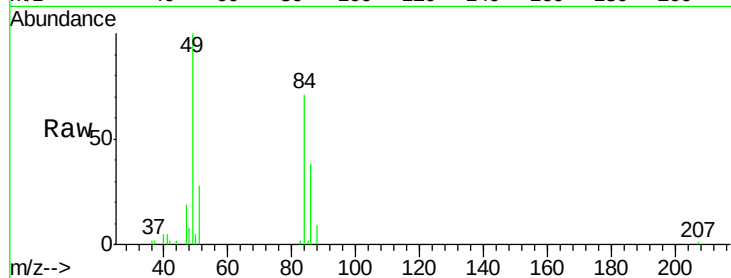
Ion Ratio Lower Upper

84 100

49 141.8 98.2 147.2

51 39.1 30.2 45.2

86 53.4 48.9 73.3

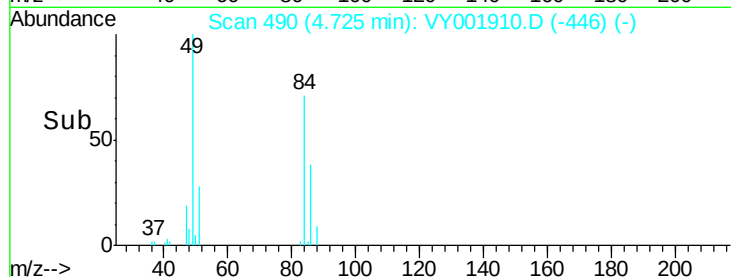
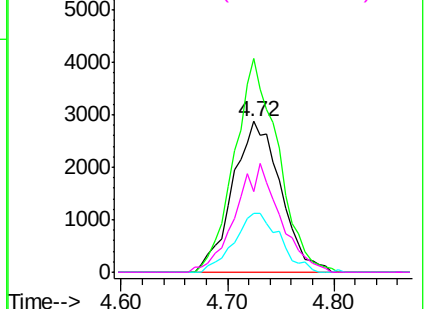


Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 55.721 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001910.D

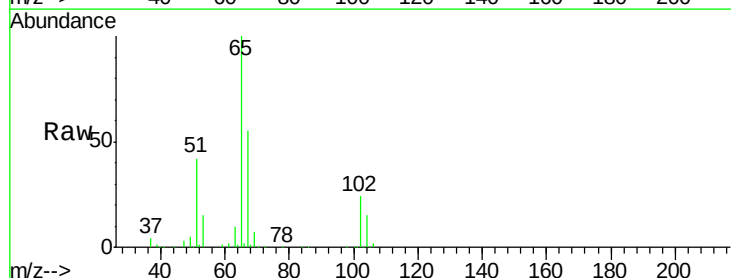
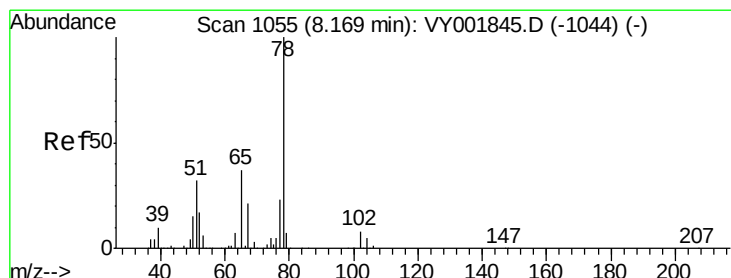
Acq: 09 Mar 2020 16:02

Tgt Ion: 65 Resp: 90679

Ion Ratio Lower Upper

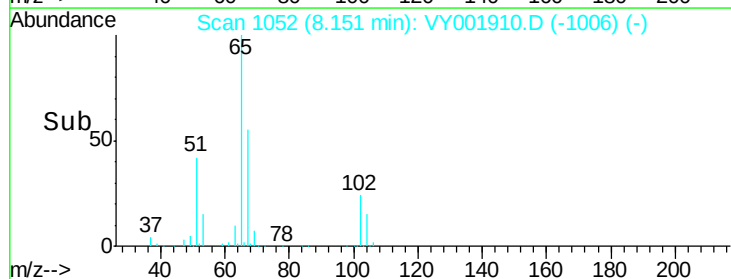
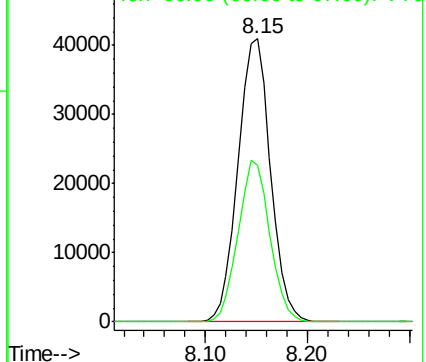
65 100

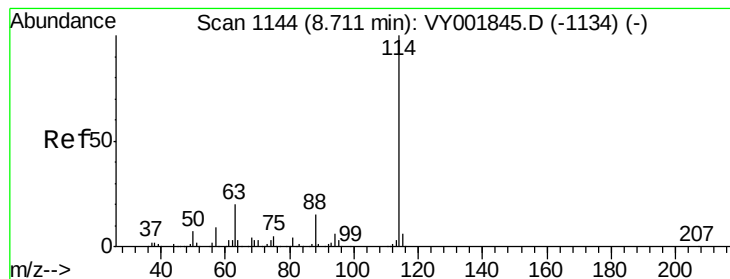
67 55.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-S2

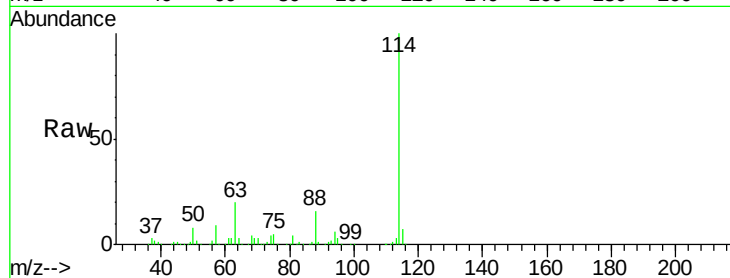
Tot Ion:114 Resp: 289263

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

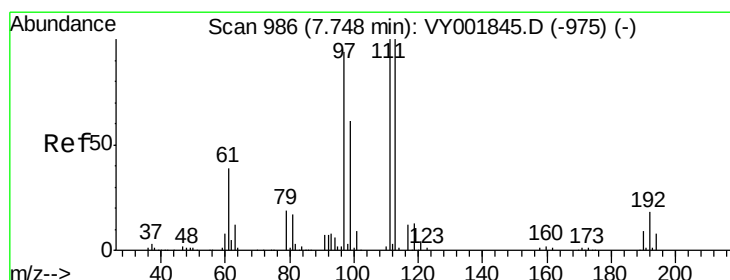
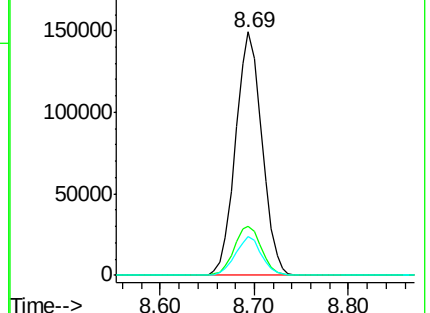
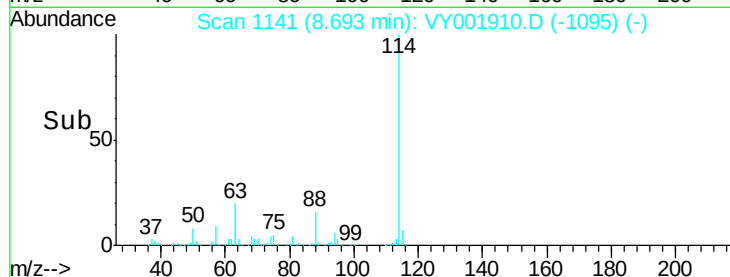
88 15.9 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 53.002 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.02 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

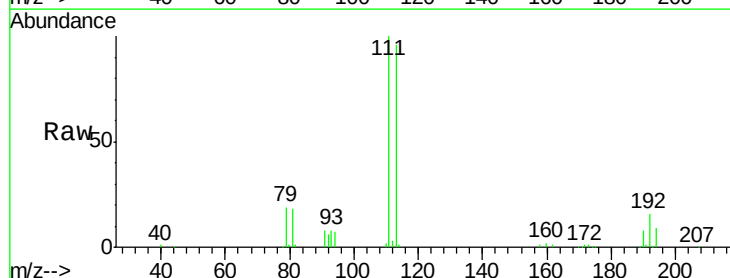
Tgt Ion:113 Resp: 83717

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

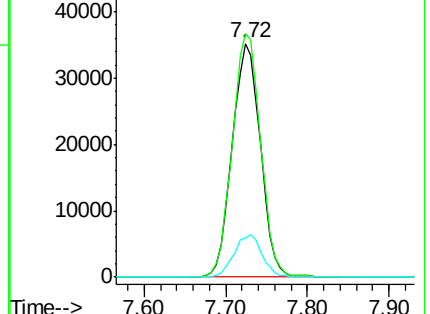
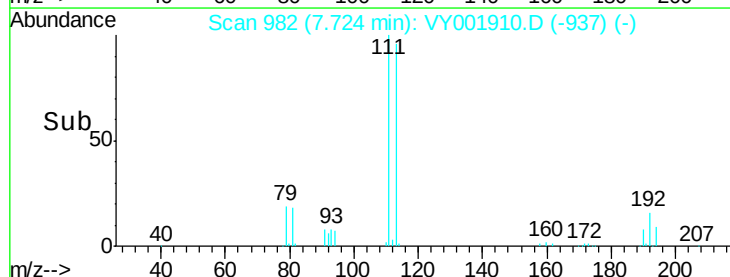
192 17.9 14.2 21.2

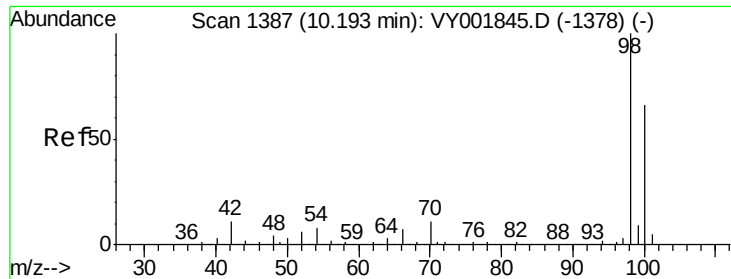


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.803 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

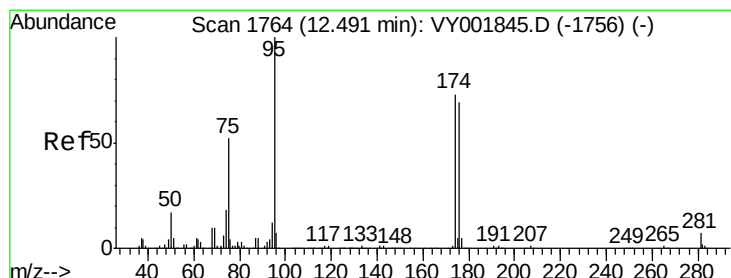
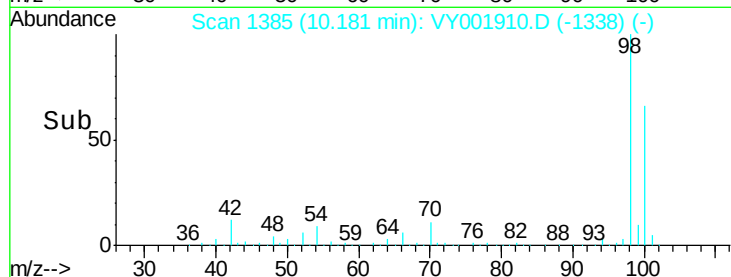
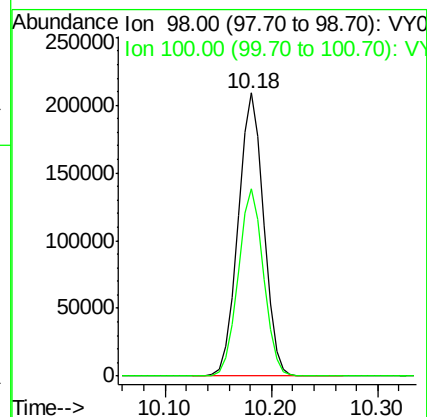
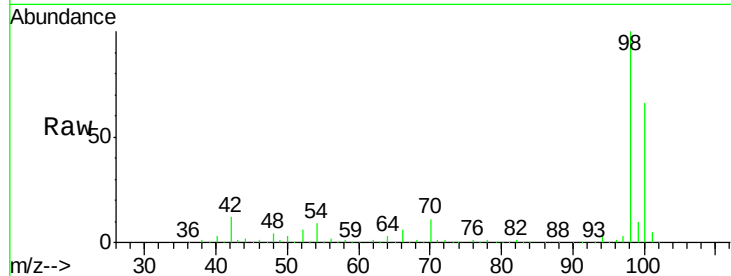
TP-1-S2

Tot Ion: 98 Resp: 351697

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 51.273 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

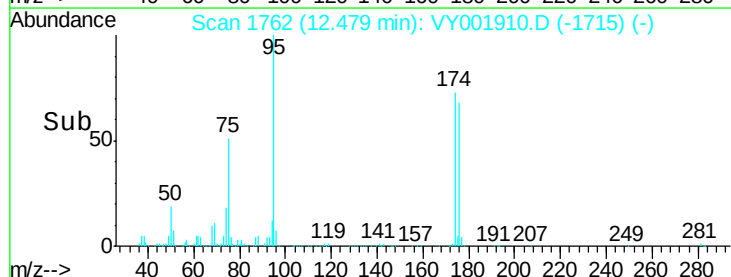
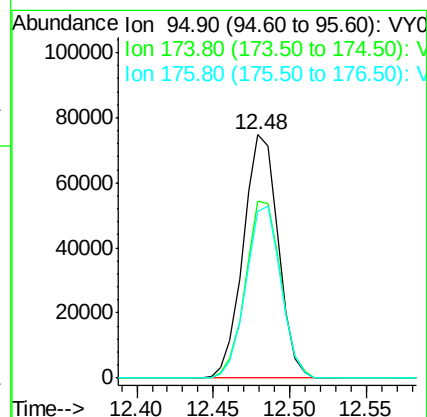
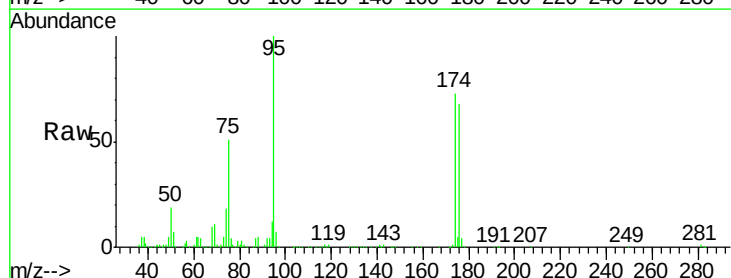
Tgt Ion: 95 Resp: 118745

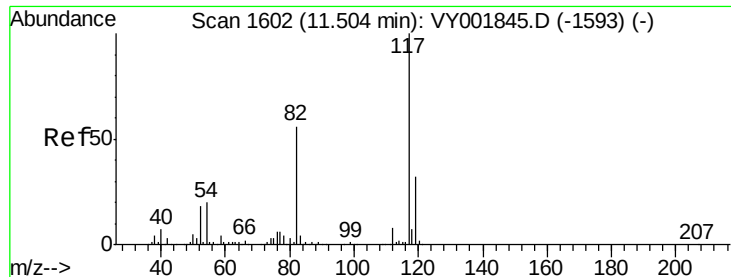
Ion Ratio Lower Upper

95 100

174 73.2 0.0 145.0

176 70.4 0.0 137.4

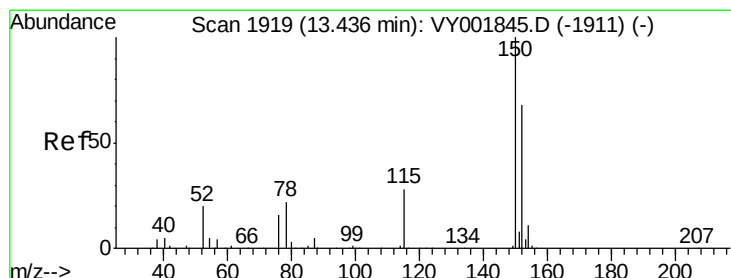
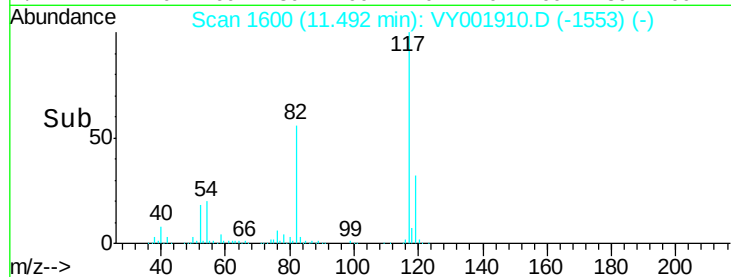
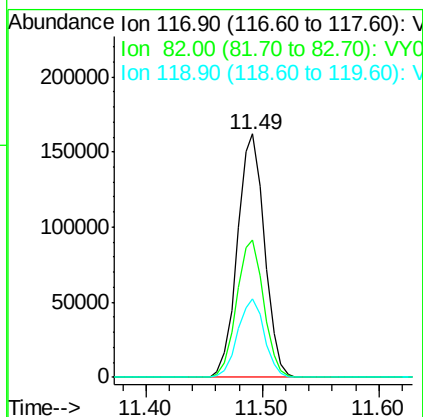
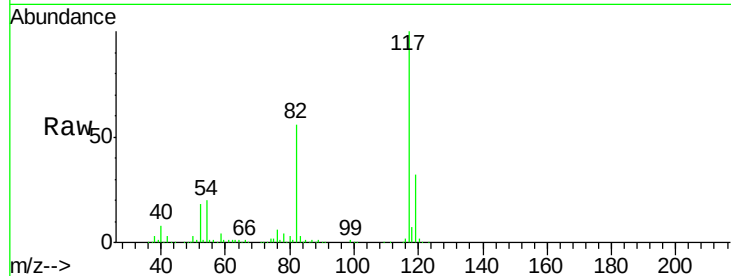




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001910.D
Acq: 09 Mar 2020 16:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S2

Tot Ion:117 Resp: 262690
Ion Ratio Lower Upper
117 100
82 56.3 44.5 66.7
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001910.D
Acq: 09 Mar 2020 16:02

Tgt Ion:152 Resp: 114355
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 156.4 0.0 340.6

