

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003211.D
 Acq On : 16 Jul 2020 15:56
 Operator : SY/MD
 Sample : L3308-01
 Misc : 5.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Quant Time: Jul 17 06:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

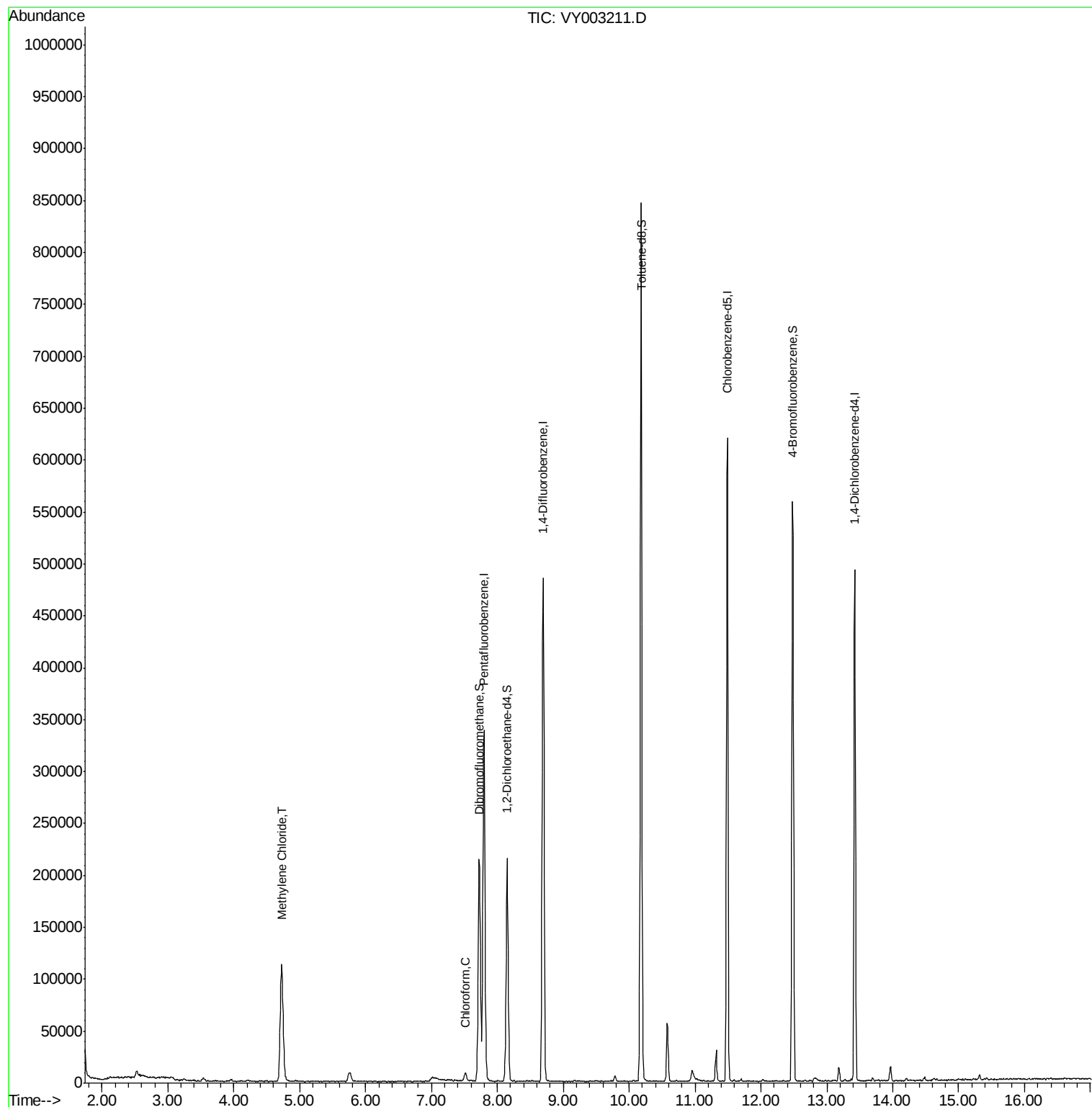
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	273658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	413330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	331468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	122732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	164627	71.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.54%	
35) Dibromofluoromethane	7.72	113	151742	63.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.58%	
50) Toluene-d8	10.18	98	545298	61.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.32%	
62) 4-Bromofluorobenzene	12.48	95	149594	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
20) Methylene Chloride	4.72	84	83673	30.039	ug/l	95
30) Chloroform	7.52	83	8066	1.803	ug/l	100

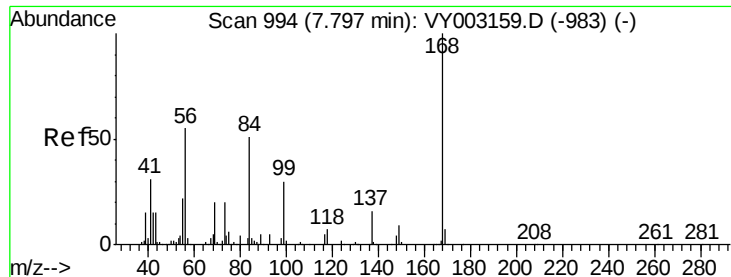
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

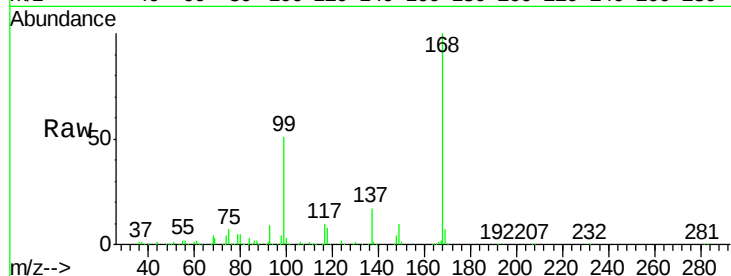
Instrument :
MSVOA_Y
ClientSampled :
1

Tot Ion:168 Resp: 273658

Ion Ratio Lower Upper

168 100

99 50.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003211.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003211.D (-945) (-)

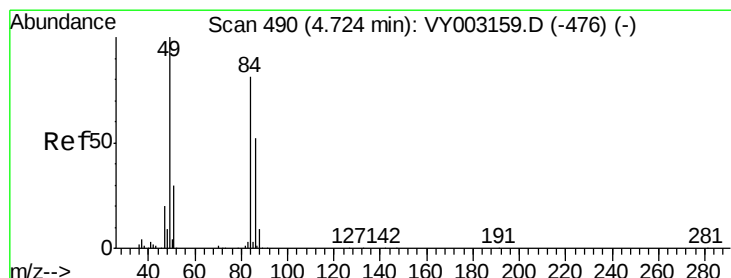
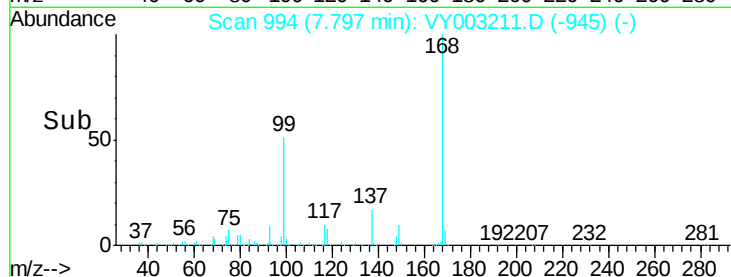
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 30.039 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

Tgt Ion: 84 Resp: 83673

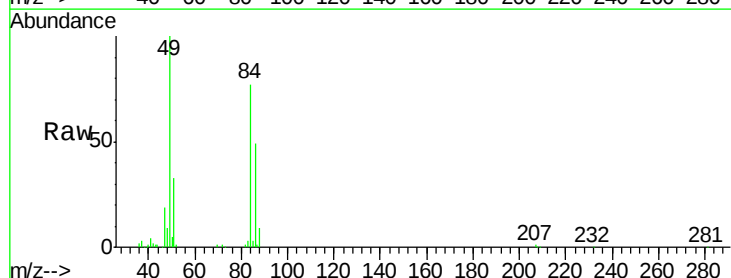
Ion Ratio Lower Upper

84 100

49 130.3 98.2 147.4

51 41.9 29.8 44.6

86 63.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003211.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003211.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003211.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003211.D (-441) (-)

4.72

50000

40000

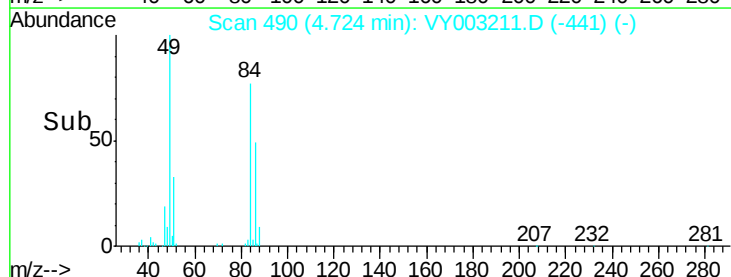
30000

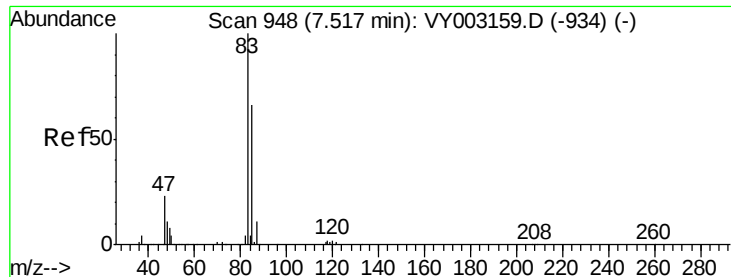
20000

10000

0

Time-->





#30

Chloroform

Concen: 1.803 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

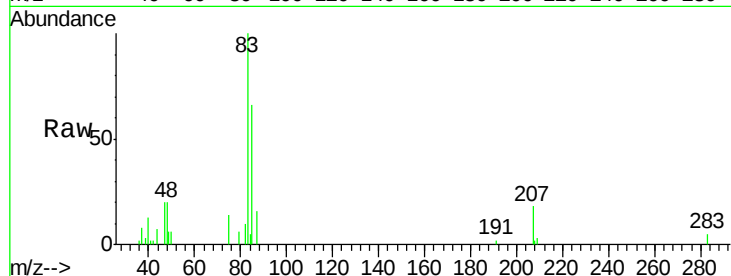
1

Tot Ion: 83 Resp: 8066

Ion Ratio Lower Upper

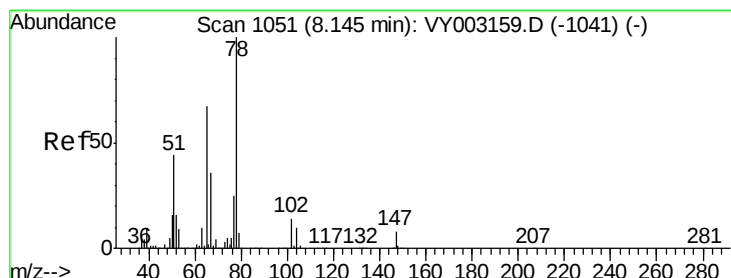
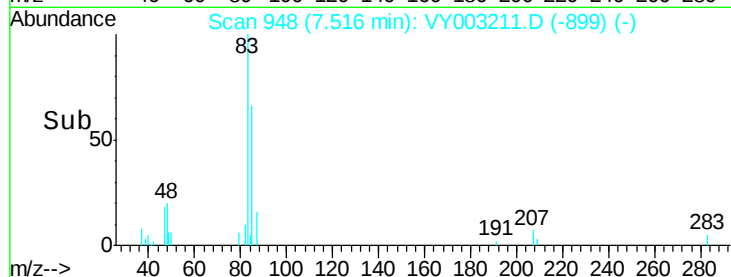
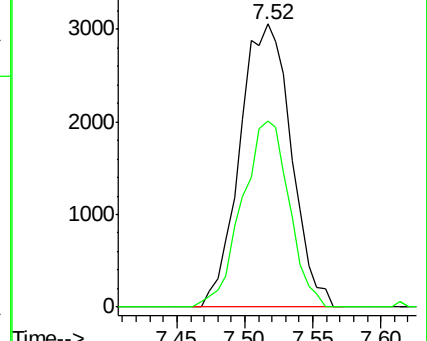
83 100

85 65.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 71.274 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003211.D

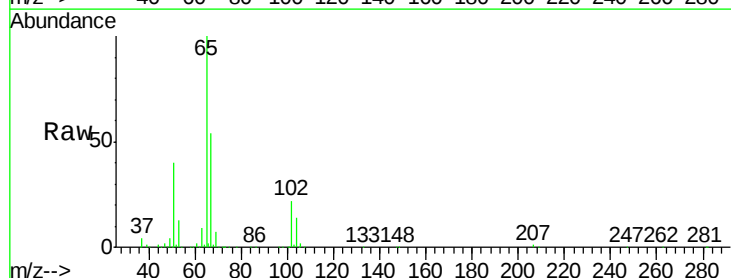
Acq: 16 Jul 2020 15:56

Tgt Ion: 65 Resp: 164627

Ion Ratio Lower Upper

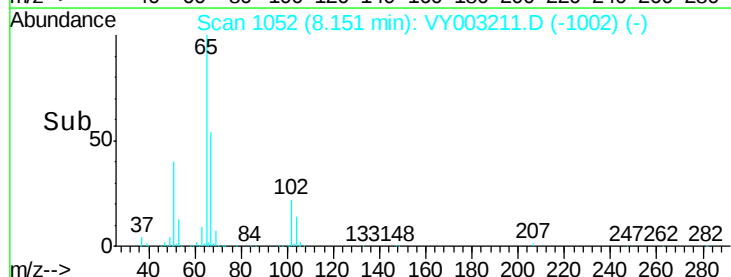
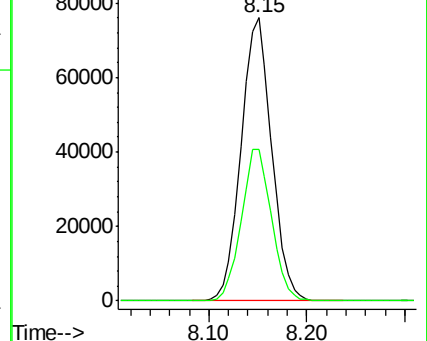
65 100

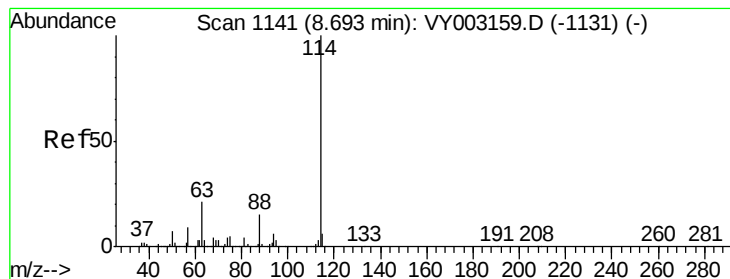
67 52.9 0.0 105.2



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. -0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

Instrument :

MSVOA_Y

ClientSampled :

1

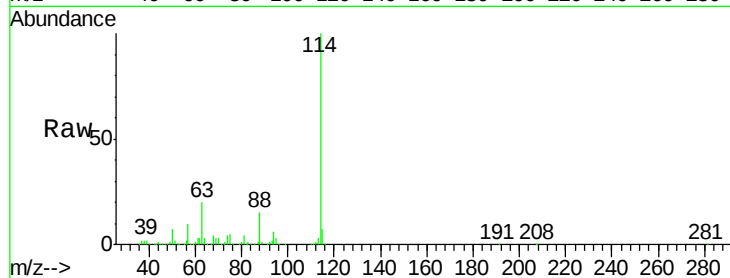
Tot Ion:114 Resp: 413330

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

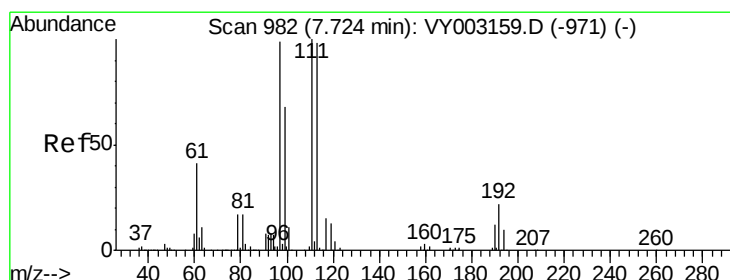
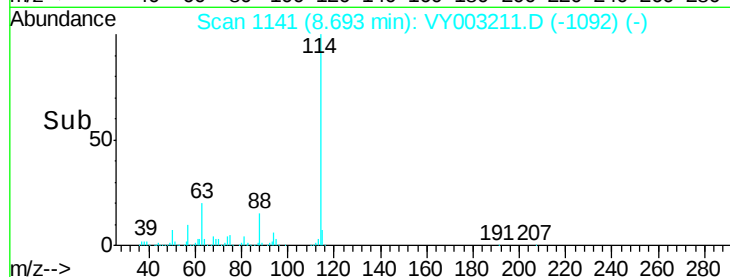
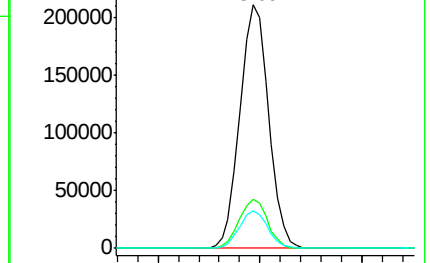
88 15.4 0.0 30.2



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: 63.794 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

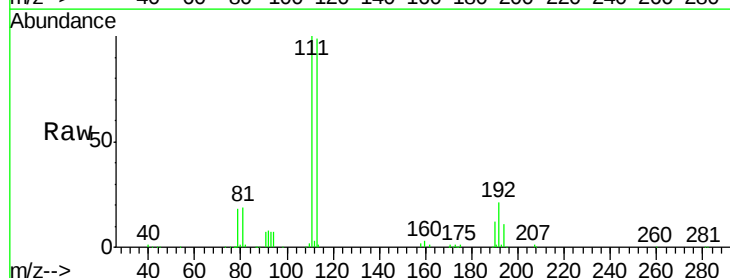
Tgt Ion:113 Resp: 151742

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

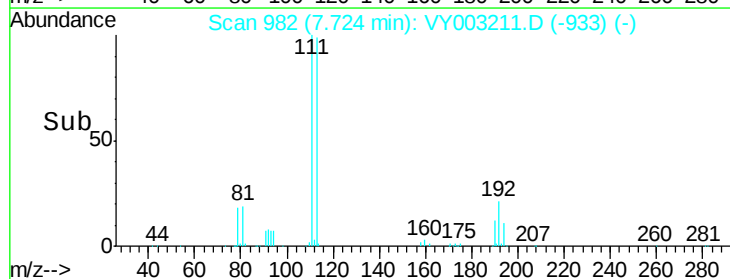
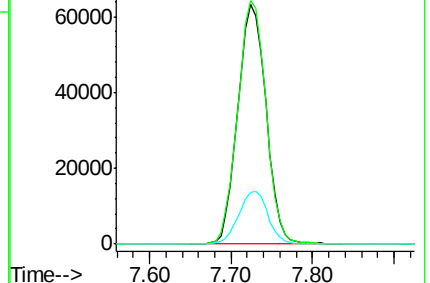
192 22.7 18.8 28.2

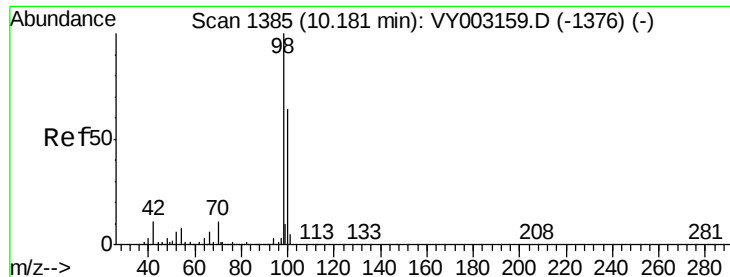


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 61.662 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

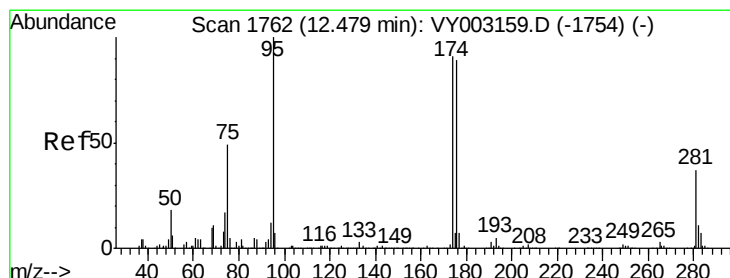
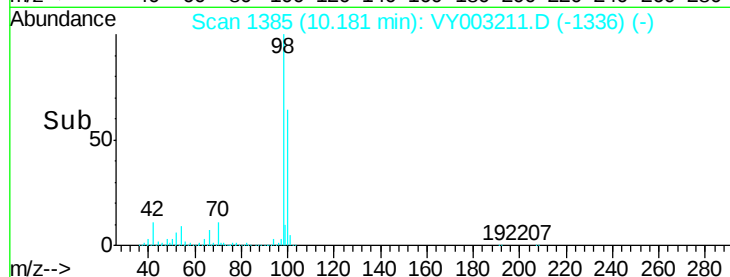
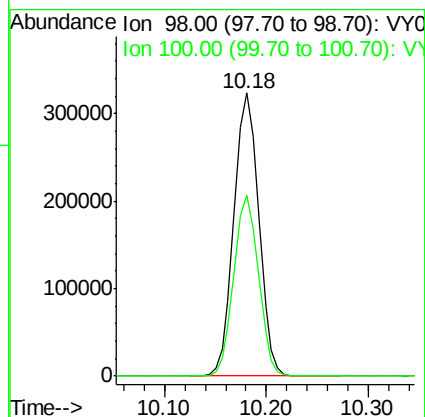
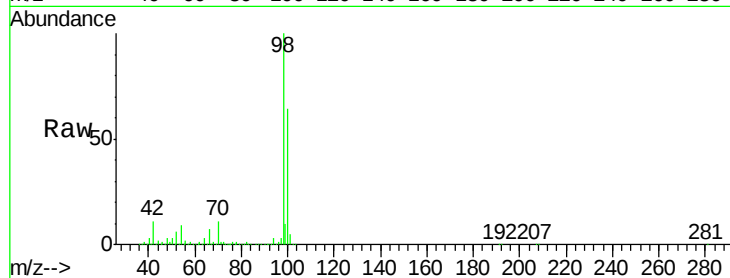
1

Tot Ion: 98 Resp: 545298

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 46.825 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003211.D

Acq: 16 Jul 2020 15:56

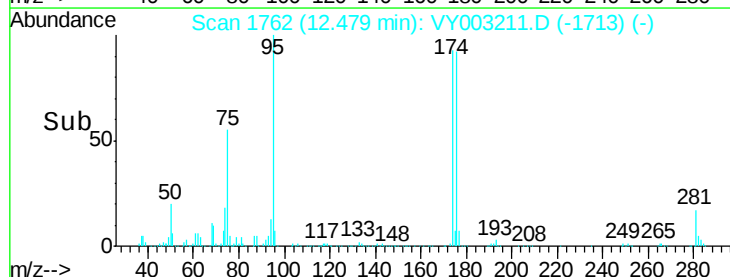
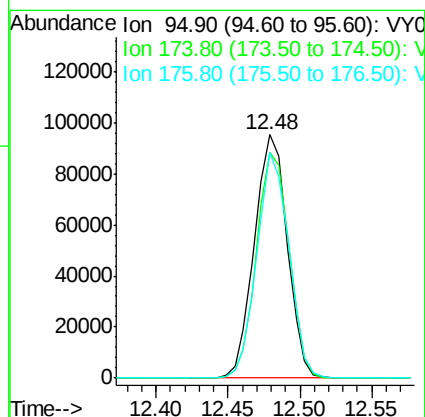
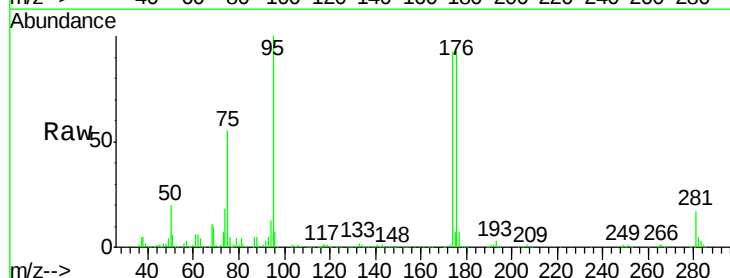
Tgt Ion: 95 Resp: 149594

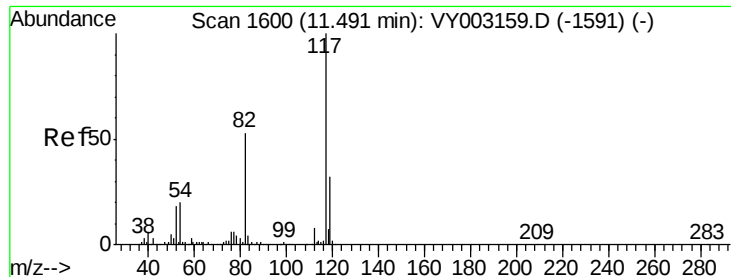
Ion Ratio Lower Upper

95 100

174 92.9 0.0 190.6

176 90.2 0.0 186.4

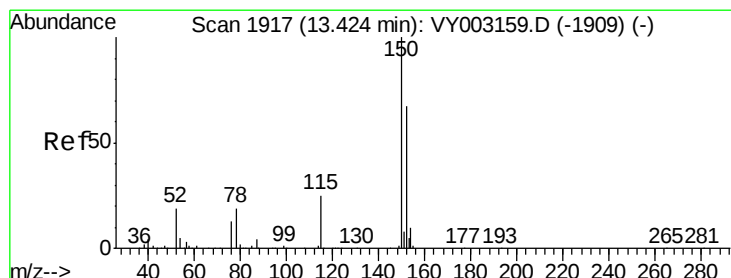
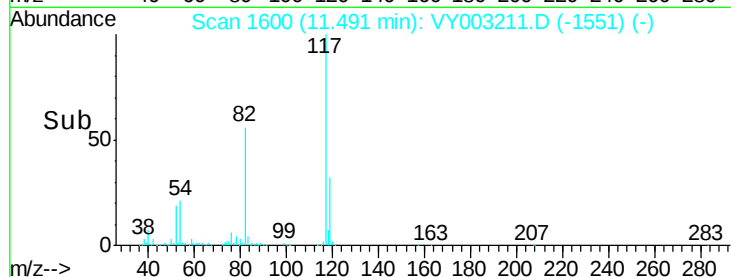
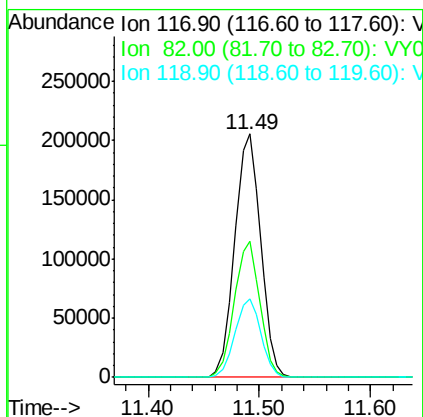
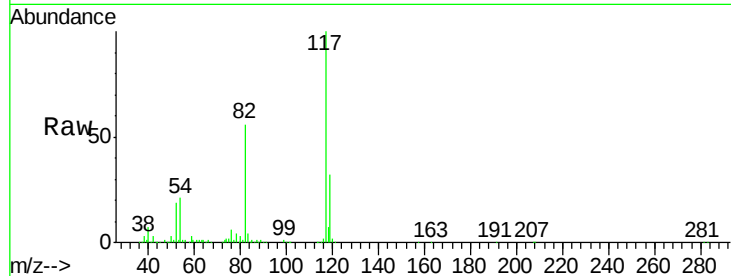




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003211.D
Acq: 16 Jul 2020 15:56

Instrument :
MSVOA_Y
ClientSampled :
1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.0	63.0
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003211.D
Acq: 16 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.9	80.7
150	157.6	0.0	338.0

