

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003222.D
 Acq On : 16 Jul 2020 20:08
 Operator : SY/MD
 Sample : L3308-15
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15

Quant Time: Jul 17 06:28:52 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

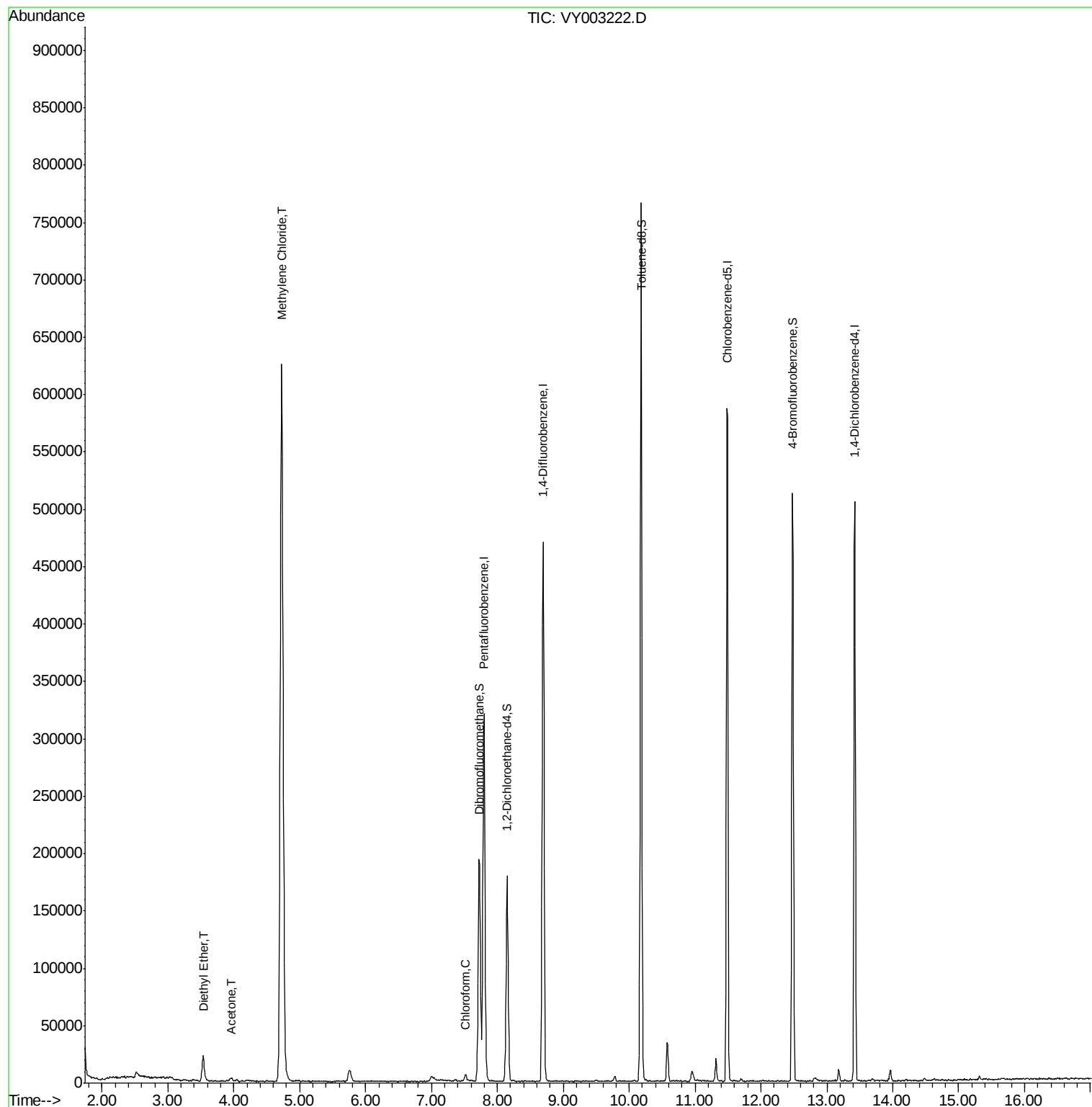
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	392253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	322152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	129127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	140081	63.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.30%	
35) Dibromofluoromethane	7.72	113	136017	60.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.52%	
50) Toluene-d8	10.18	98	486135	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
62) 4-Bromofluorobenzene	12.48	95	137038	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
8) Diethyl Ether	3.54	74	12139	9.537	ug/l	78
16) Acetone	3.96	43	4892	9.951	ug/l #	79
20) Methylene Chloride	4.73	84	471852	208.138	ug/l	98
30) Chloroform	7.52	83	5131	1.203	ug/l #	79

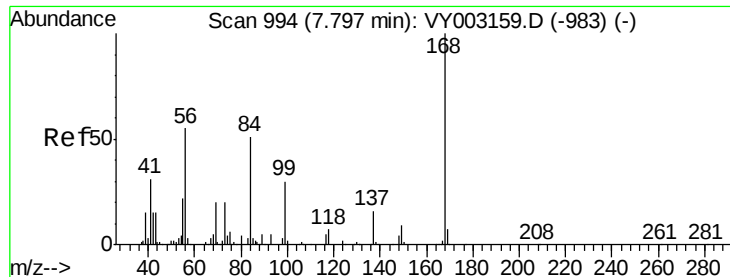
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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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: VY003222.D

Acq: 16 Jul 2020 20:08

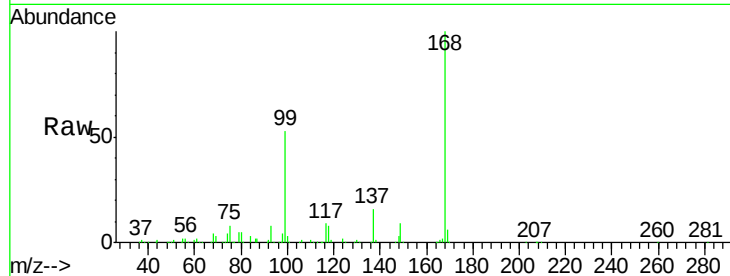
Instrument :
MSVOA_Y
ClientSampleId :
15

Tot Ion:168 Resp: 260766

Ion Ratio Lower Upper

168 100

99 52.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003222.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003222.D (-945) (-)

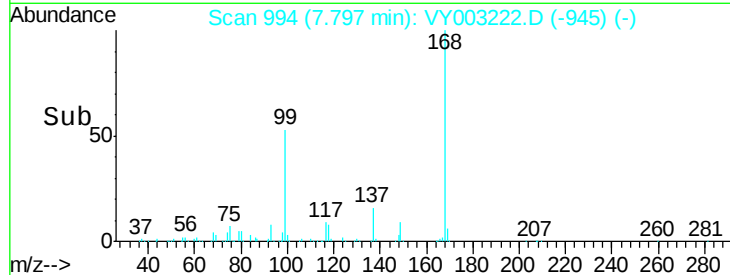
7.80

100000

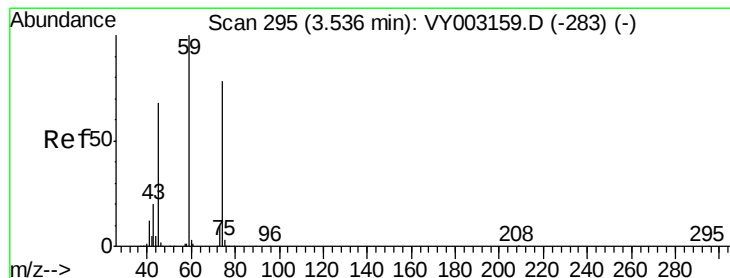
50000

0

Time-->



Time-->



#8

Diethyl Ether

Concen: 9.537 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003222.D

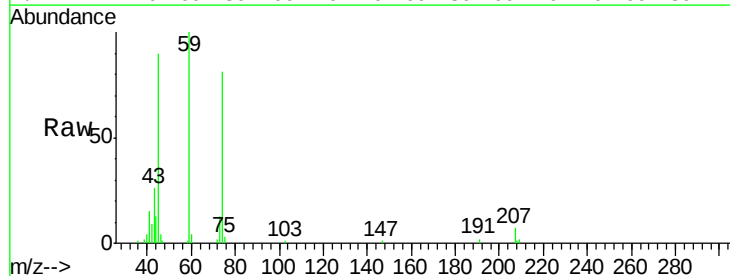
Acq: 16 Jul 2020 20:08

Tgt Ion: 74 Resp: 12139

Ion Ratio Lower Upper

74 100

45 110.9 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003222.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003222.D (-246) (-)

3.54

6000

5000

4000

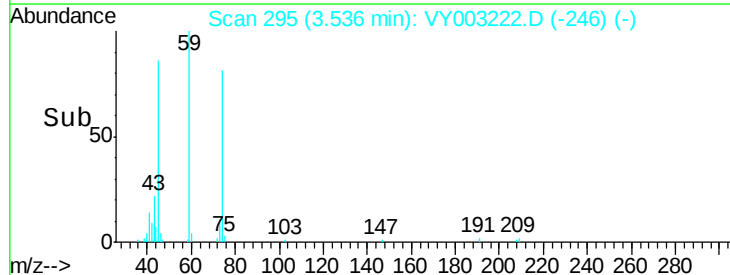
3000

2000

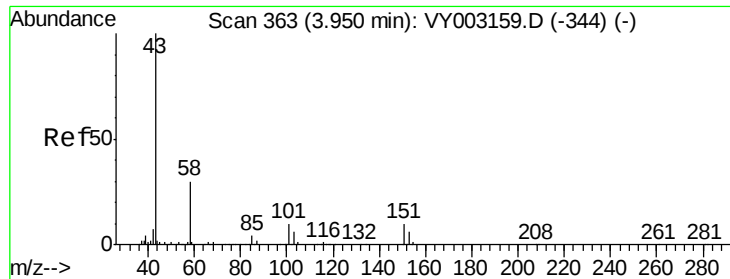
1000

0

Time-->



Time-->



#16

Acetone

Concen: 9.951 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003222.D

Acq: 16 Jul 2020 20:08

Instrument :

MSVOA_Y

ClientSampled :

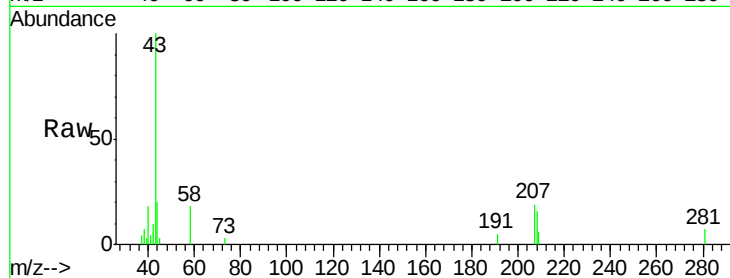
15

Tot Ion: 43 Resp: 4892

Ion Ratio Lower Upper

43 100

58 18.5 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

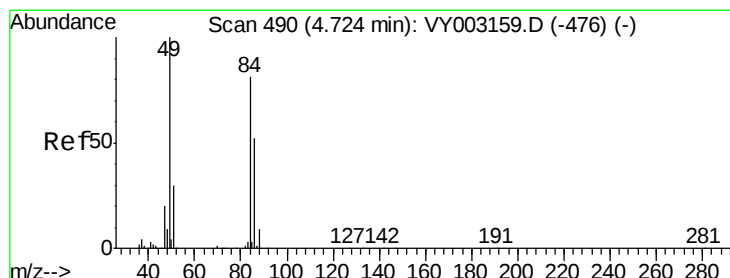
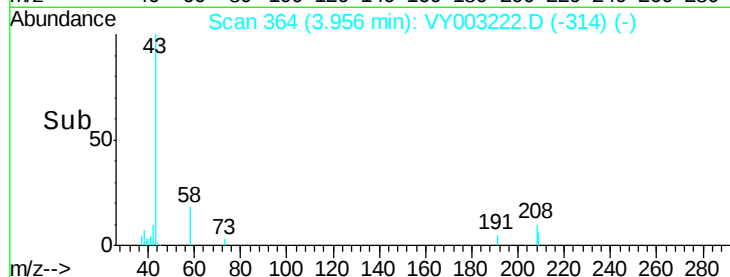
1500

1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 208.138 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003222.D

Acq: 16 Jul 2020 20:08

Tgt Ion: 84 Resp: 471852

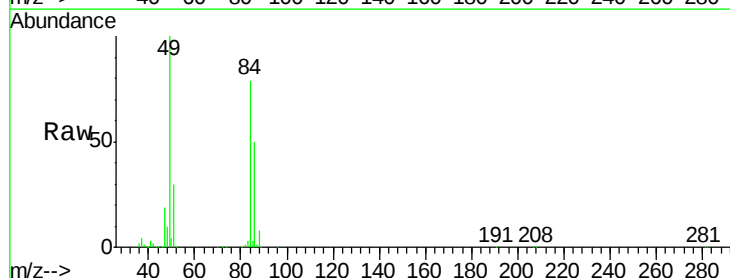
Ion Ratio Lower Upper

84 100

49 126.5 98.2 147.4

51 38.1 29.8 44.6

86 62.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003159.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003159.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003159.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003159.D (-476) (-)

300000

250000

200000

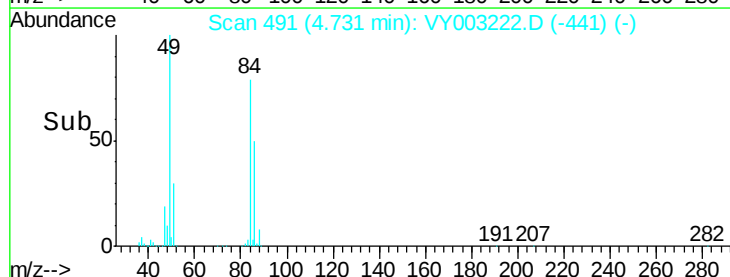
150000

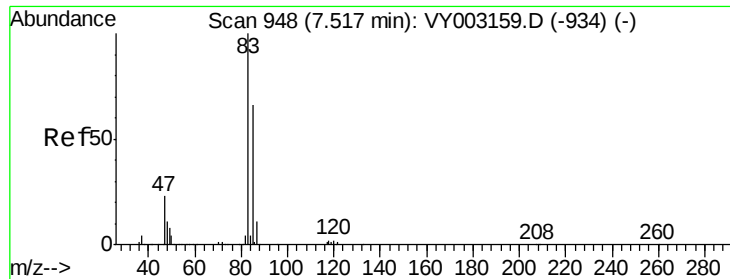
100000

50000

0

Time--> 4.60 4.70 4.80 4.90





#30

Chloroform

Concen: 1.203 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003222.D

Acq: 16 Jul 2020 20:08

Instrument :

MSVOA_Y

ClientSampled :

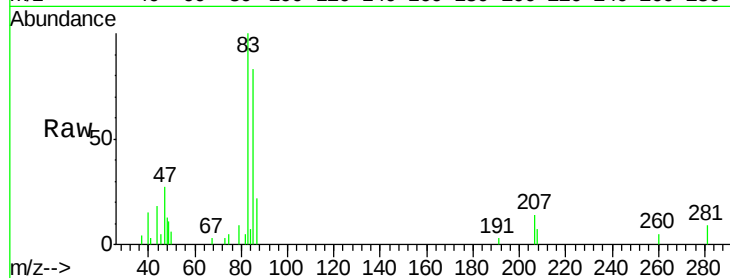
15

Tot Ion: 83 Resp: 5131

Ion Ratio Lower Upper

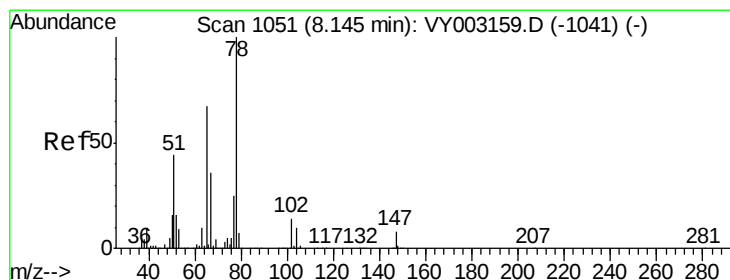
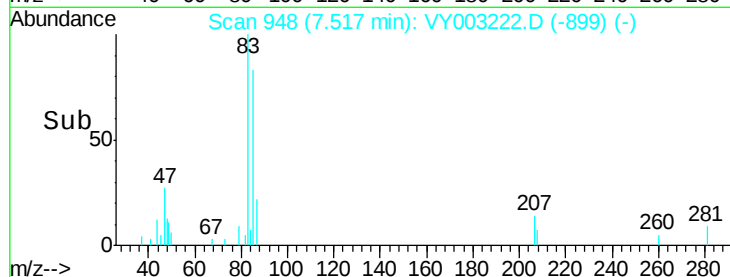
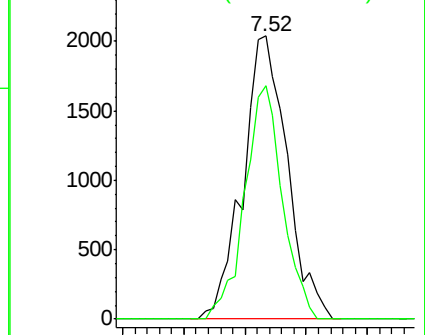
83 100

85 82.6 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: 63.646 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003222.D

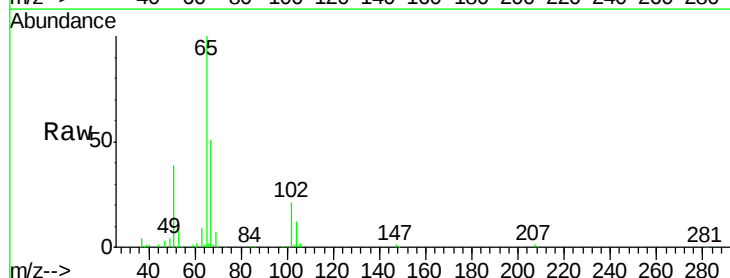
Acq: 16 Jul 2020 20:08

Tgt Ion: 65 Resp: 140081

Ion Ratio Lower Upper

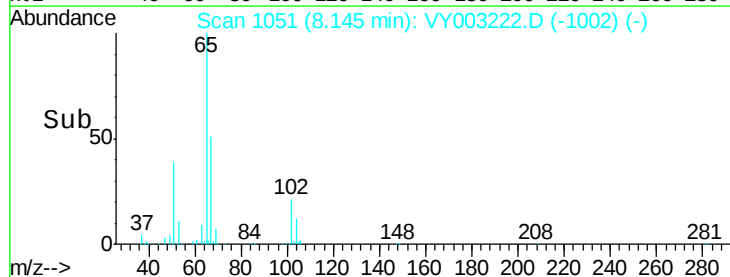
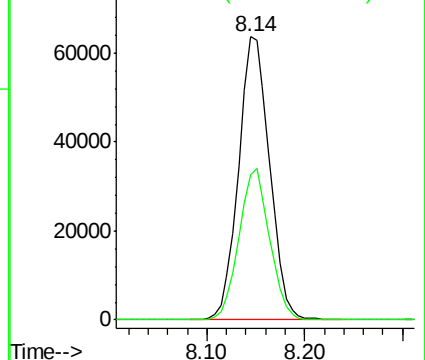
65 100

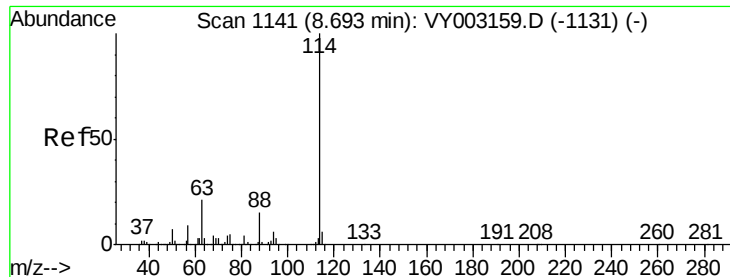
67 52.7 0.0 105.2



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: VY003222.D

Acq: 16 Jul 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

15

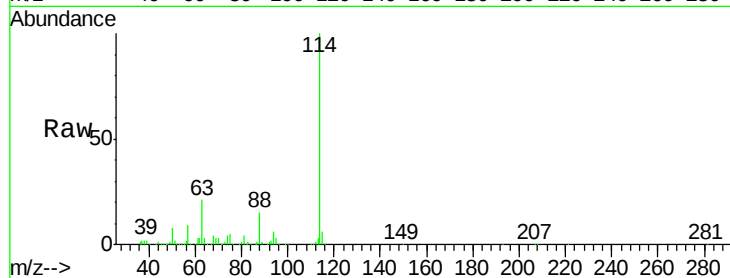
Tot Ion:114 Resp: 392253

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

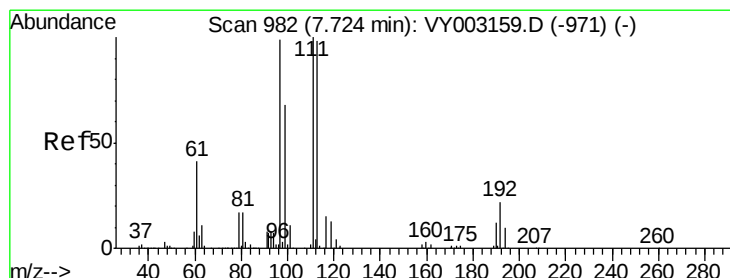
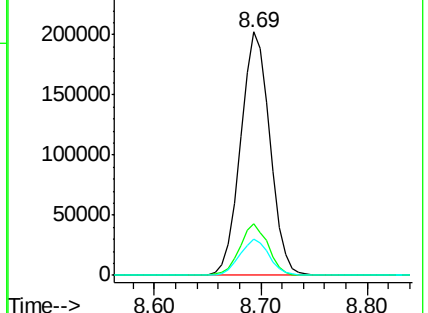
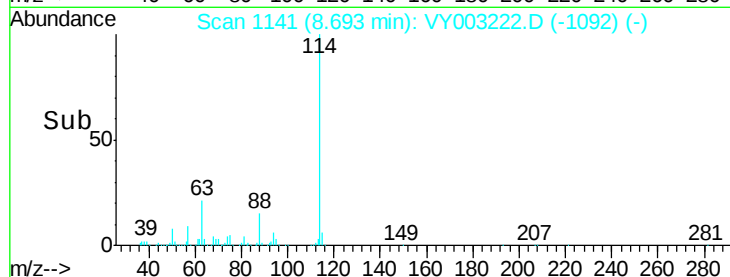
88 14.7 0.0 30.2



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: 60.256 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003222.D

Acq: 16 Jul 2020 20:08

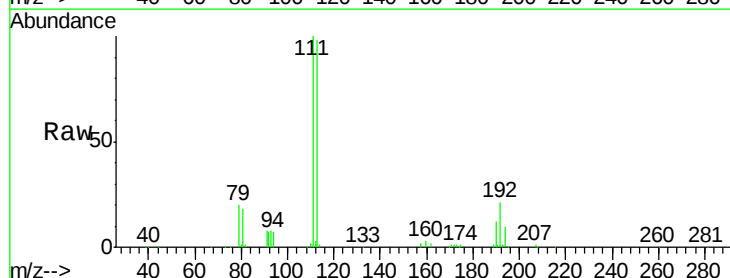
Tgt Ion:113 Resp: 136017

Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

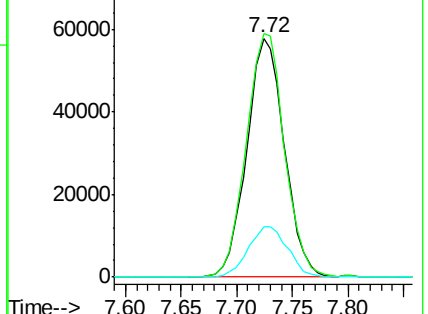
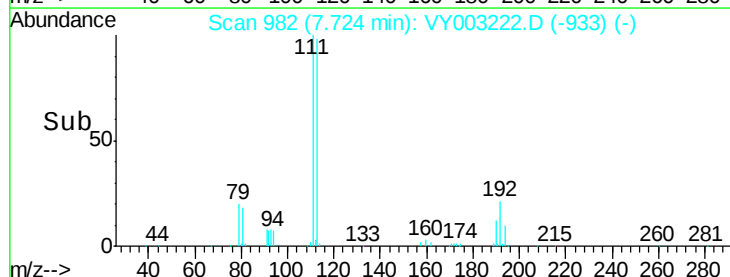
192 22.2 18.8 28.2

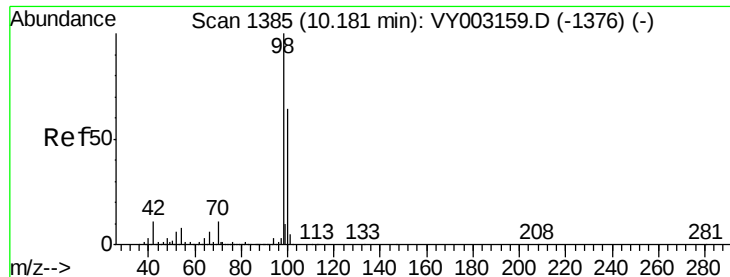


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.926 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003222.D

Acq: 16 Jul 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

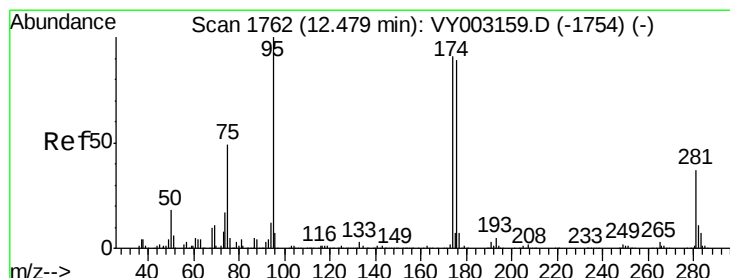
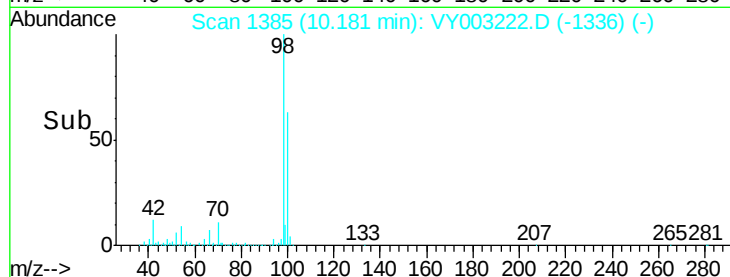
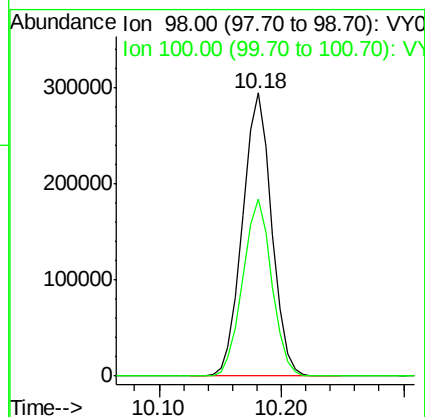
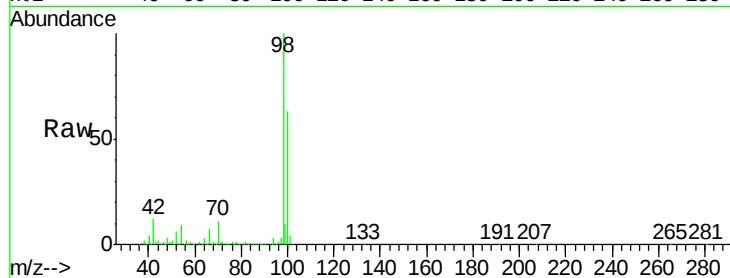
15

Tot Ion: 98 Resp: 486135

Ion Ratio Lower Upper

98 100

100 62.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 45.200 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003222.D

Acq: 16 Jul 2020 20:08

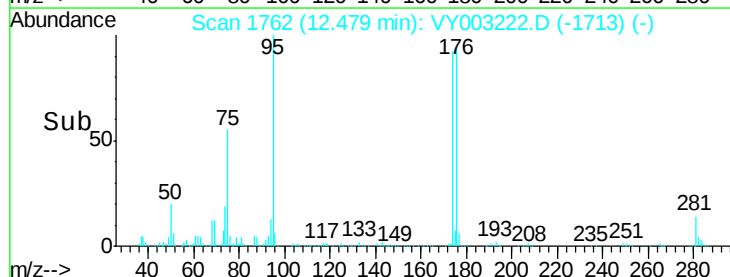
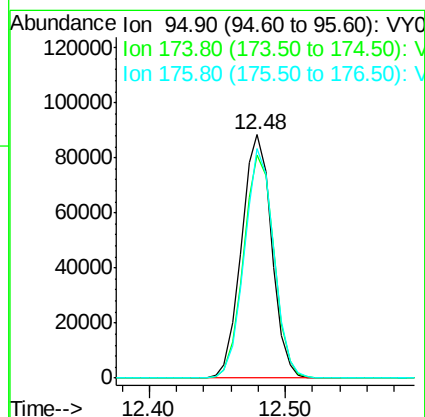
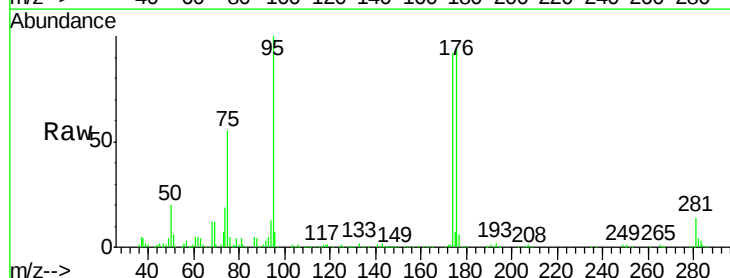
Tgt Ion: 95 Resp: 137038

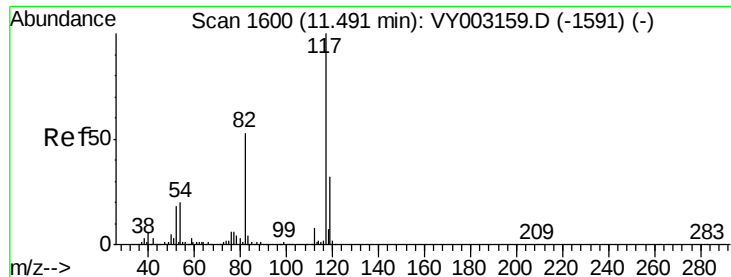
Ion Ratio Lower Upper

95 100

174 92.3 0.0 190.6

176 91.7 0.0 186.4

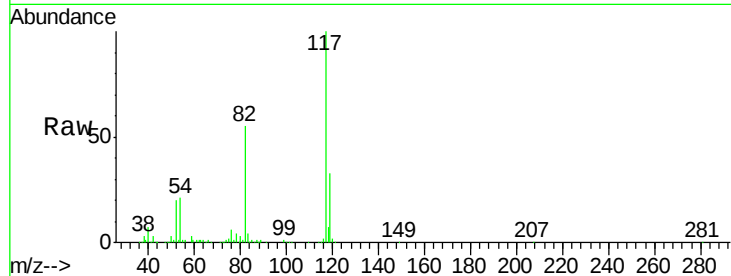




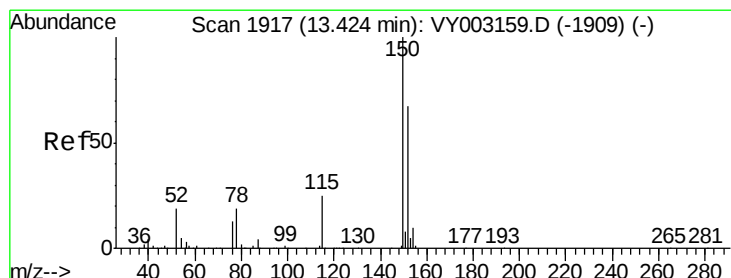
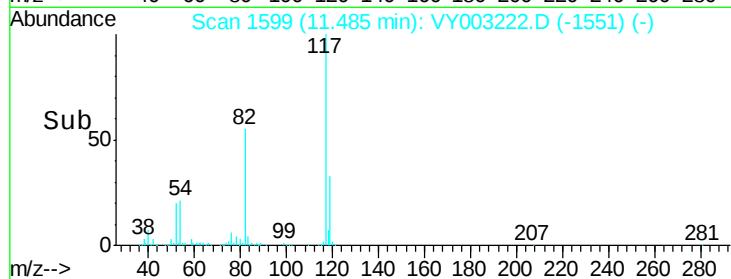
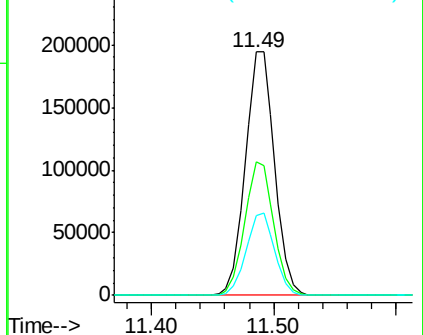
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003222.D
Acq: 16 Jul 2020 20:08

Instrument :
MSVOA_Y
ClientSampled :
15

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.0	63.0
119	32.9	25.5	38.3

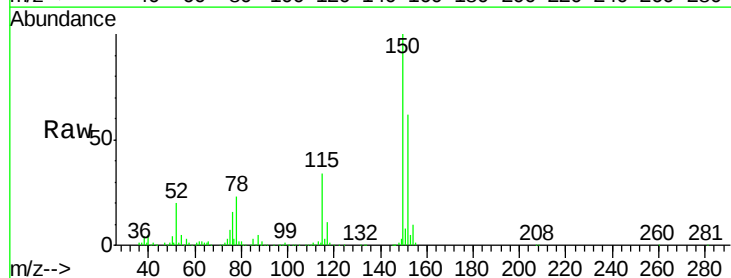


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003222.D
Acq: 16 Jul 2020 20:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	26.9	80.7
150	158.6	0.0	338.0



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

