

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003304.D
 Acq On : 22 Jul 2020 21:33
 Operator : SY/MD
 Sample : L3308-21RE
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 21RE

Quant Time: Jul 23 06:35:55 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

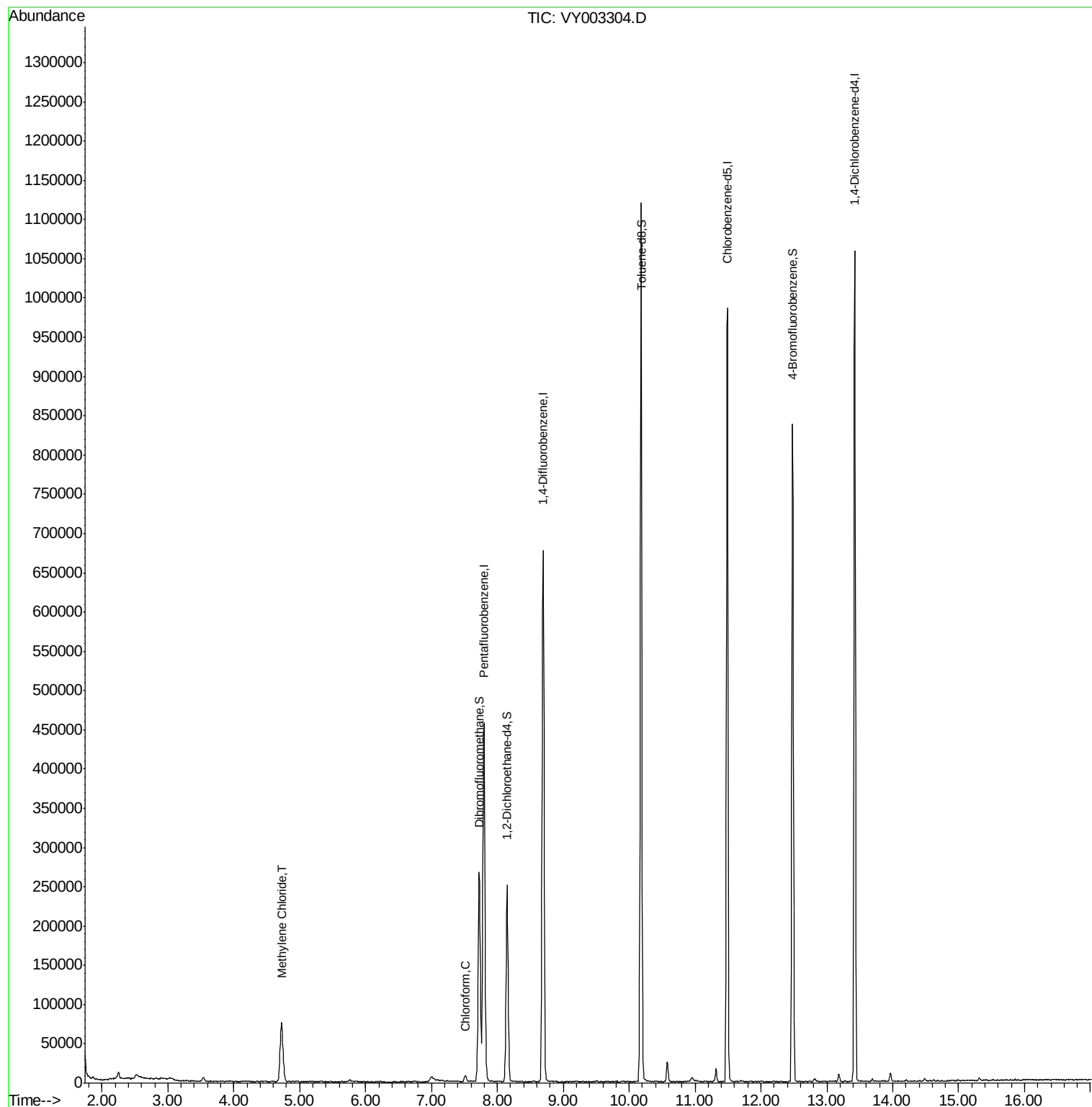
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	379461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	588627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	548946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	196344	61.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.60%	
35) Dibromofluoromethane	7.72	113	185048	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
50) Toluene-d8	10.18	98	719403	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
62) 4-Bromofluorobenzene	12.48	95	227536	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
Target Compounds						
20) Methylene Chloride	4.72	84	57734	11.846	ug/l	96
30) Chloroform	7.51	83	6979	1.125	ug/l	97

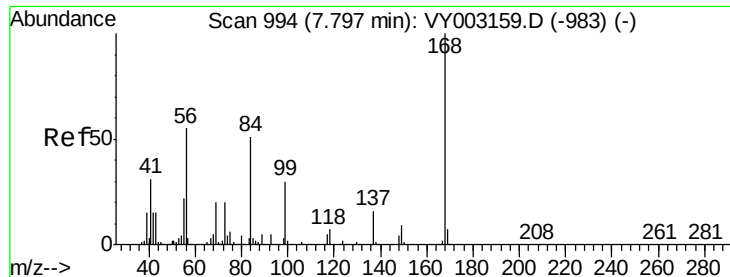
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003304.D

Acq: 22 Jul 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

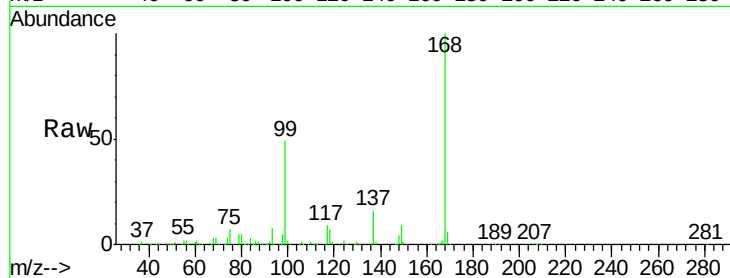
21RE

Tot Ion:168 Resp: 379461

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003304.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003304.D (-945) (-)

7.80

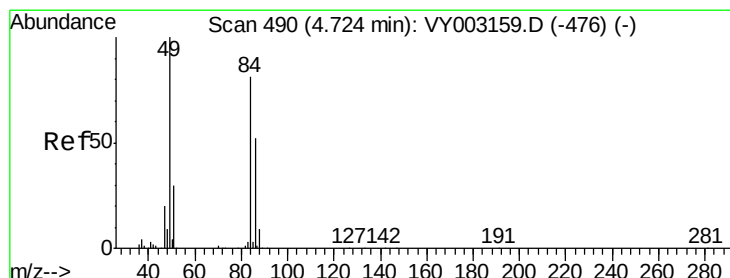
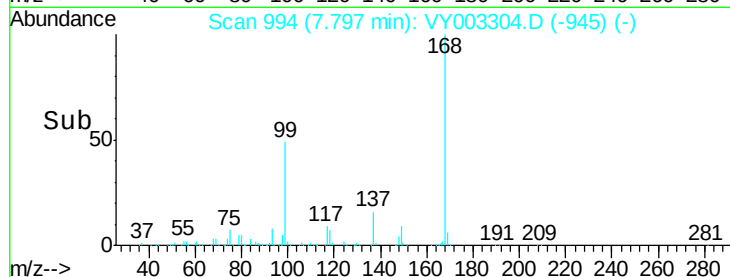
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.846 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

Tgt Ion: 84 Resp: 57734

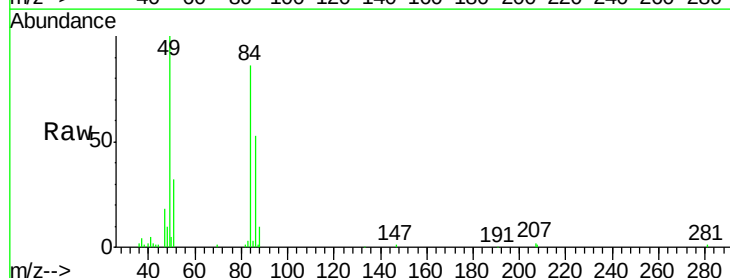
Ion Ratio Lower Upper

84 100

49 116.0 98.2 147.4

51 36.9 29.8 44.6

86 61.0 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003304.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003304.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003304.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003304.D (-441) (-)

4.72

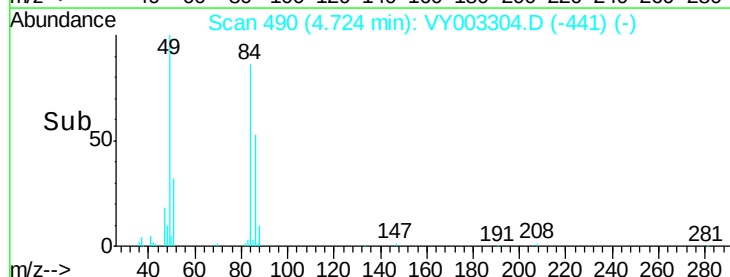
30000

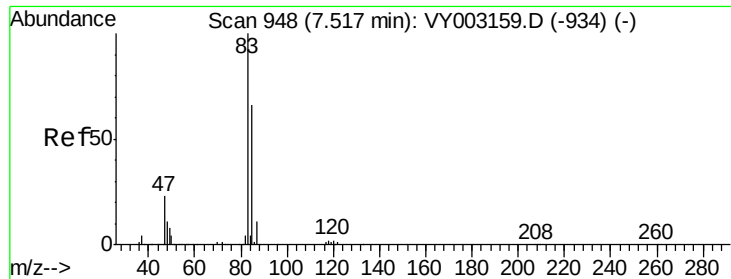
20000

10000

0

Time-->

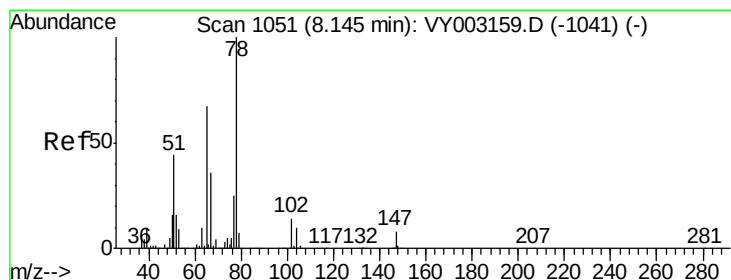
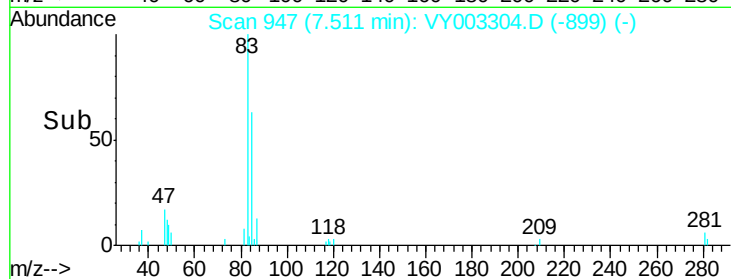
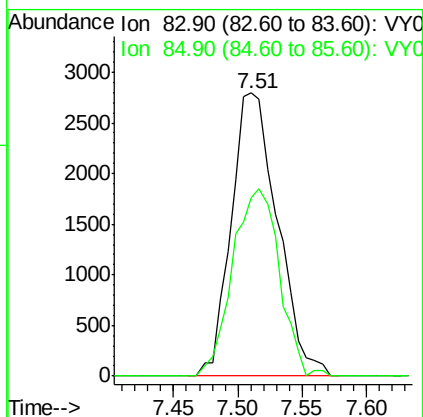
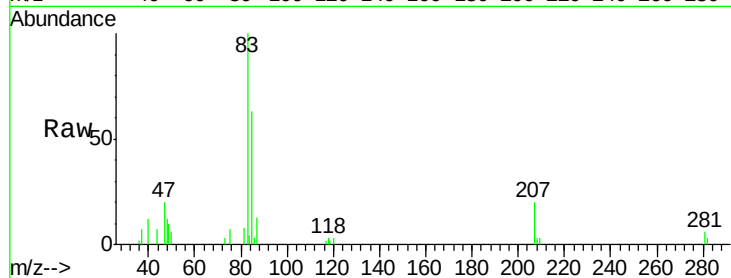




#30
Chloroform
Concen: 1.125 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

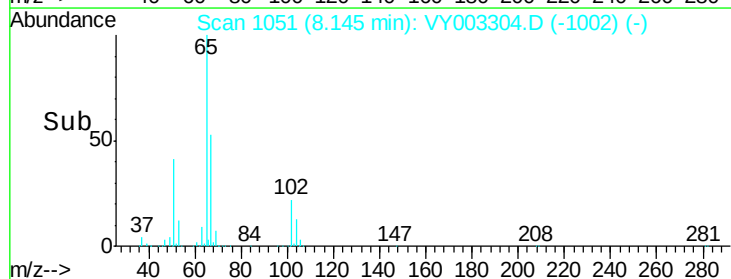
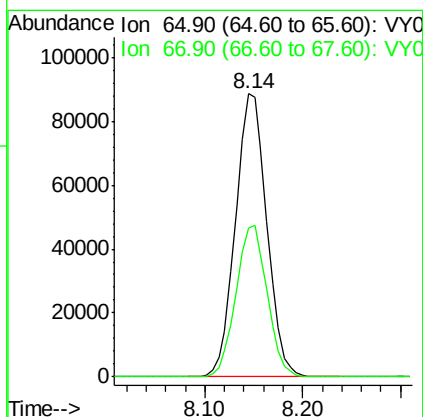
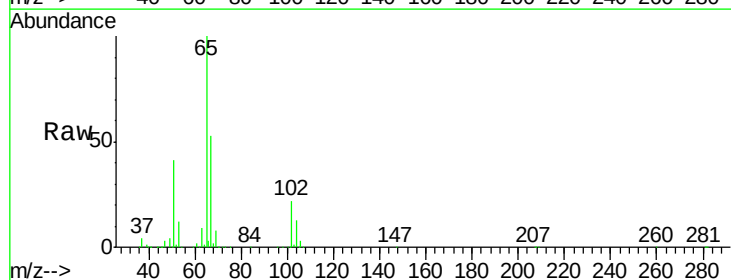
Instrument :
MSVOA_Y
ClientSampled :
21RE

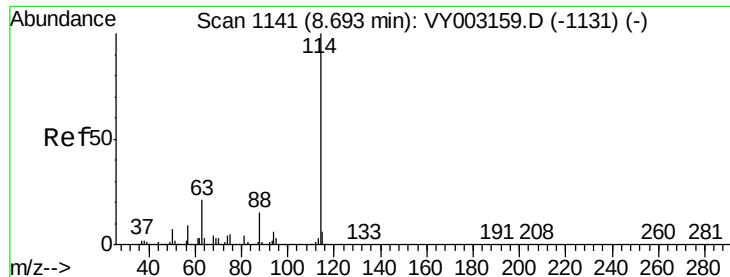
Tot Ion: 83 Resp: 6979
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 61.304 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

Tgt Ion: 65 Resp: 196344
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

21RE

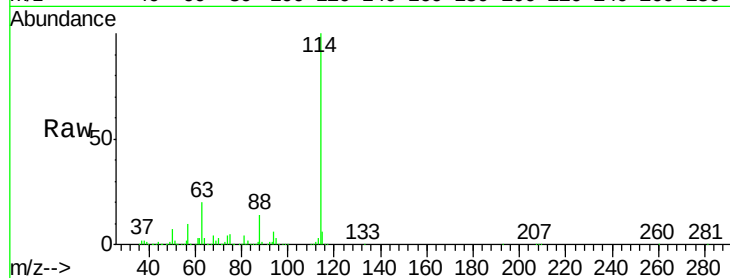
Tot Ion:114 Resp: 588627

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

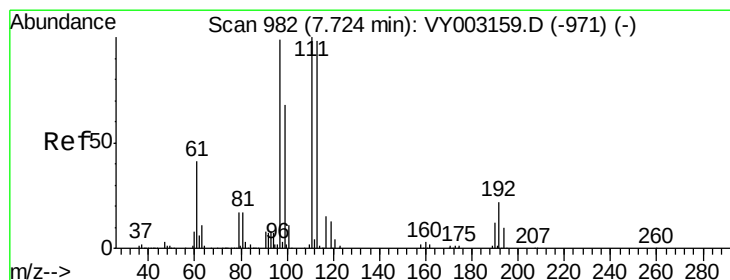
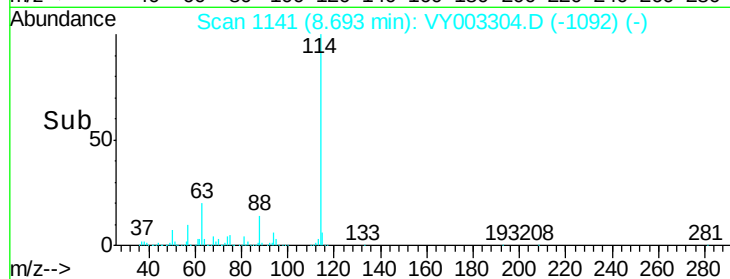
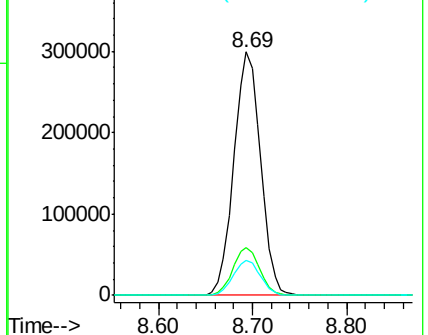
88 14.4 0.0 30.2



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: 54.628 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

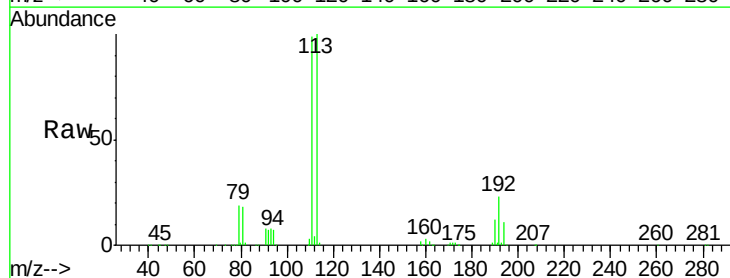
Tgt Ion:113 Resp: 185048

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

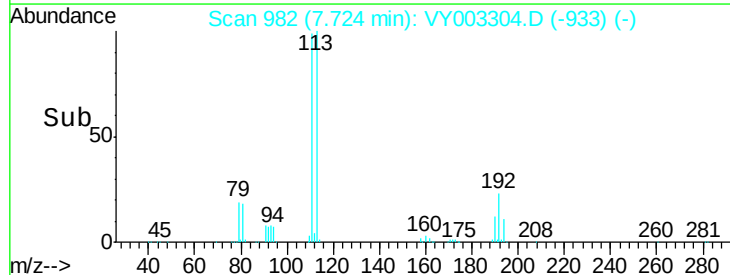
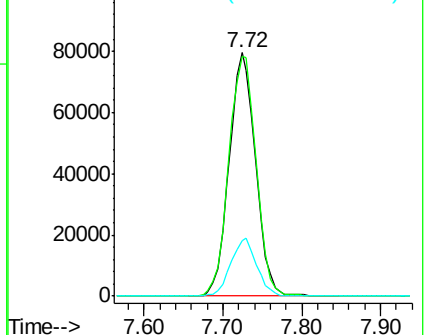
192 23.1 18.8 28.2

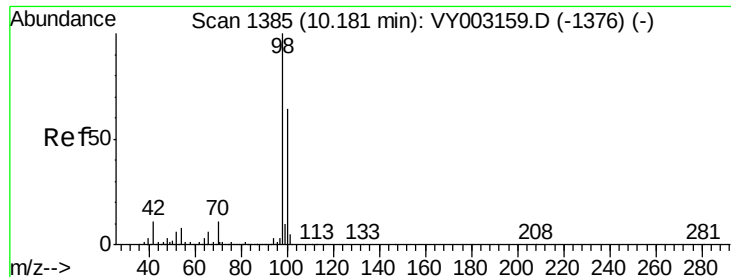


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.124 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

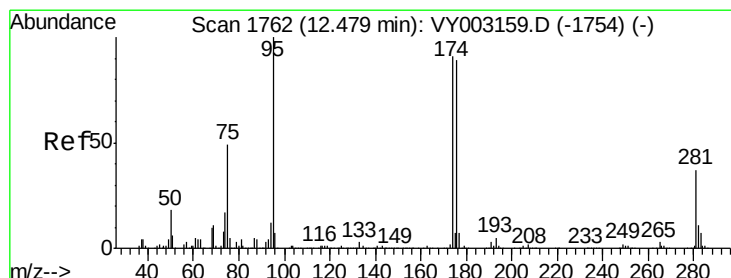
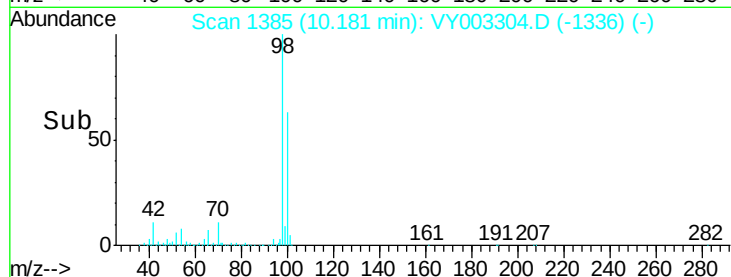
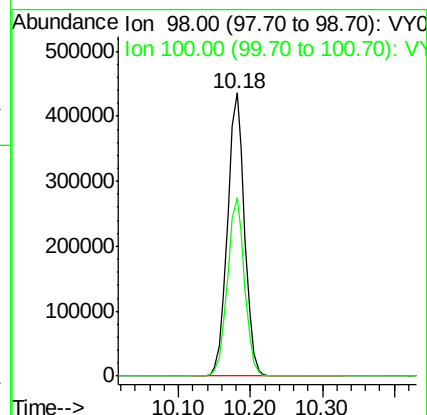
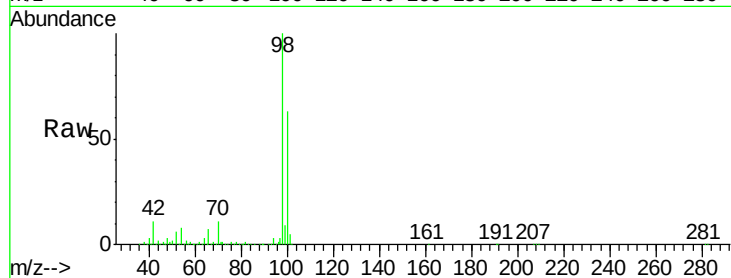
21RE

Tot Ion: 98 Resp: 719403

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.012 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

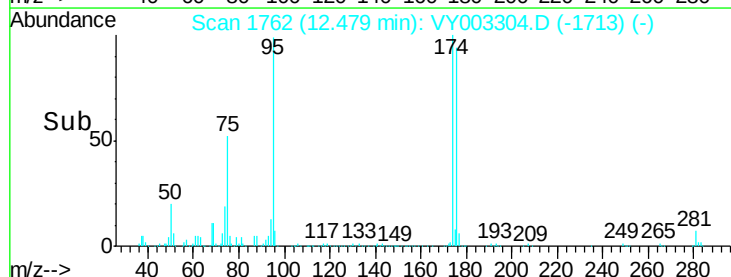
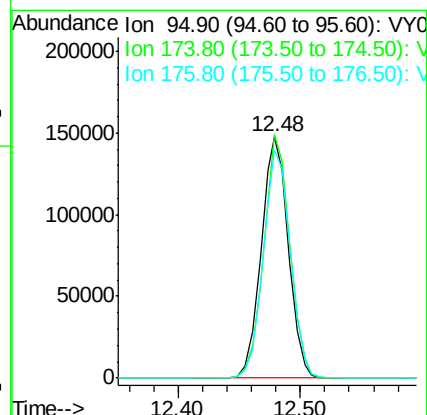
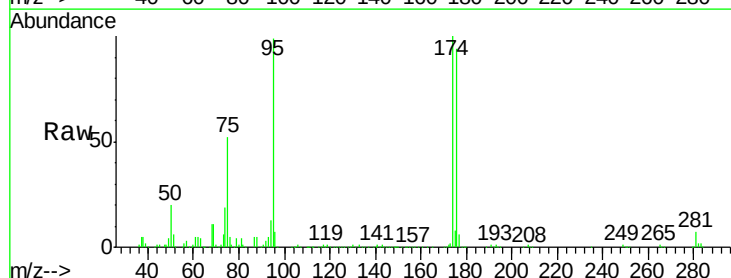
Tgt Ion: 95 Resp: 227536

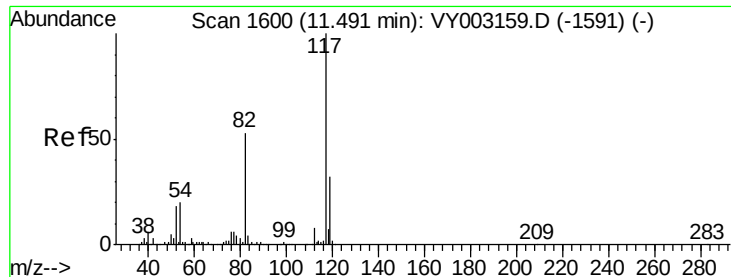
Ion Ratio Lower Upper

95 100

174 97.6 0.0 190.6

176 94.5 0.0 186.4

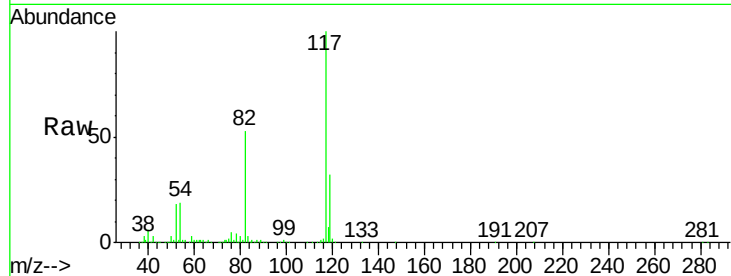




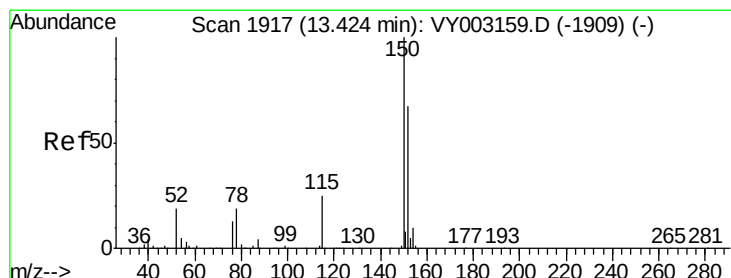
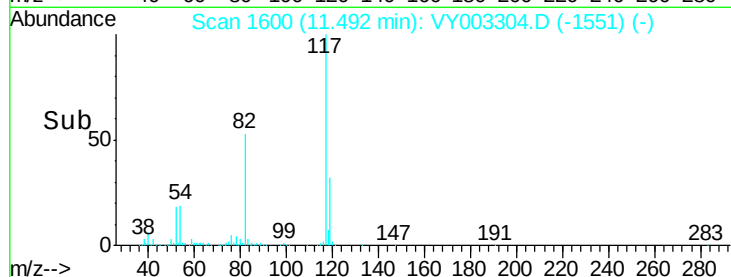
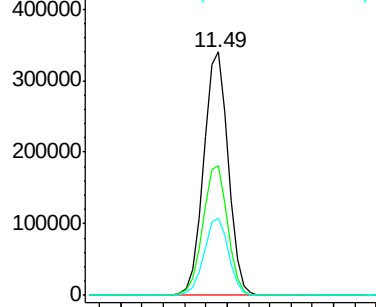
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

Instrument :
MSVOA_Y
ClientSampled :
21RE

Tot Ion:117 Resp: 548946
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 31.6 25.5 38.3

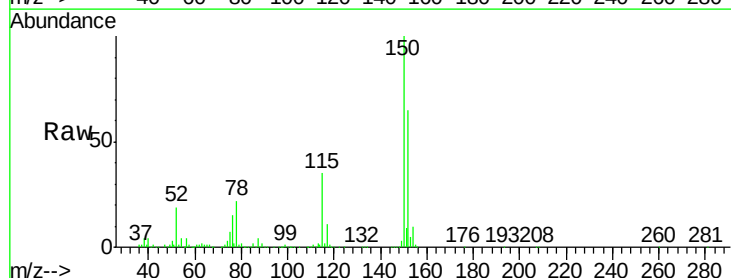


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

Tgt Ion:152 Resp: 274149
Ion Ratio Lower Upper
152 100
115 54.2 26.9 80.7
150 155.6 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

