

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003182.D
 Acq On : 13 Jul 2020 13:47
 Operator : SY/MD
 Sample : L3276-02
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 14 04:11:08 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

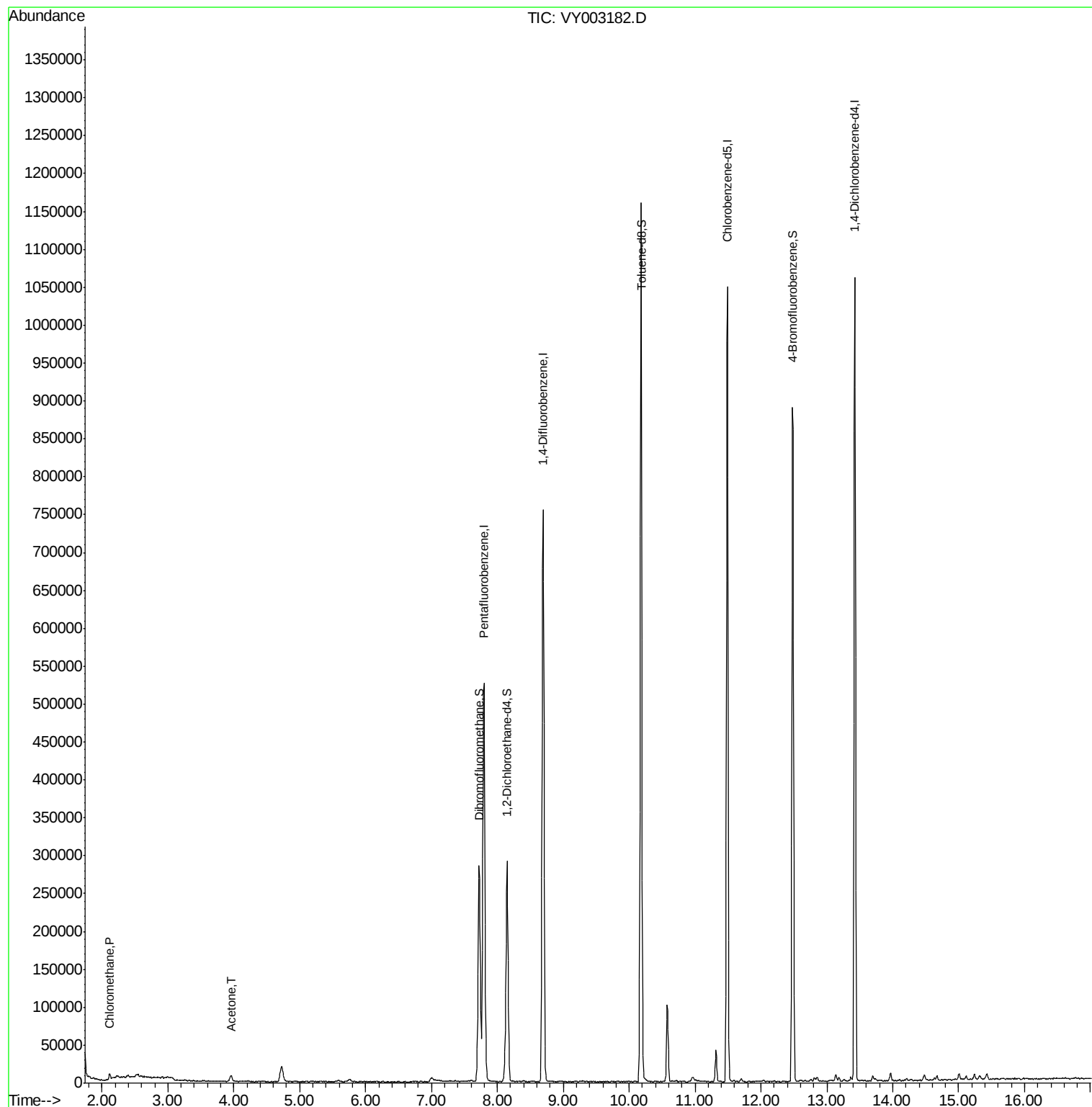
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	438873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	641654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	276256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	222151	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.94%	
35) Dibromofluoromethane	7.72	113	204247	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
50) Toluene-d8	10.18	98	764636	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.48	95	250290	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
3) Chloromethane	2.12	50	5709	1.308	ug/l	Qvalue 100
16) Acetone	3.96	43	12964	15.668	ug/l	96

(#) = 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: VY003182.D

Acq: 13 Jul 2020 13:47

Instrument :

MSVOA_Y

ClientSampled :

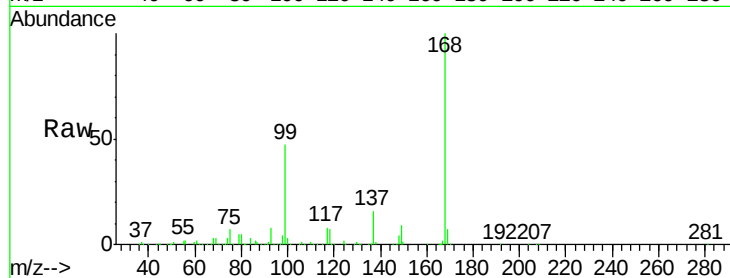
VOC

Tot Ion:168 Resp: 438873

Ion Ratio Lower Upper

168 100

99 47.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003182.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003182.D (-945) (-)

7.80

200000

150000

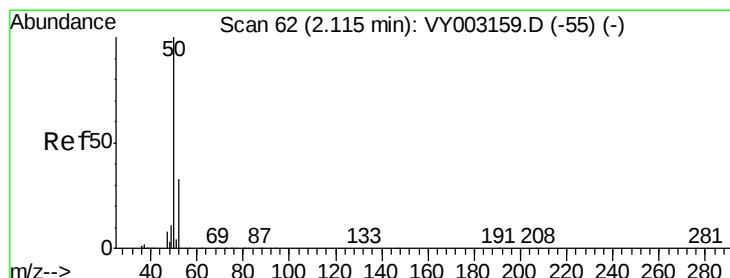
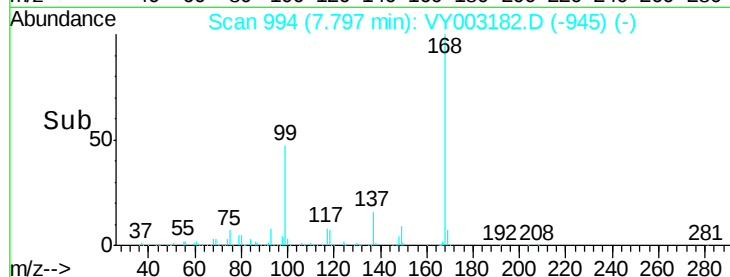
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#3

Chloromethane

Concen: 1.308 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003182.D

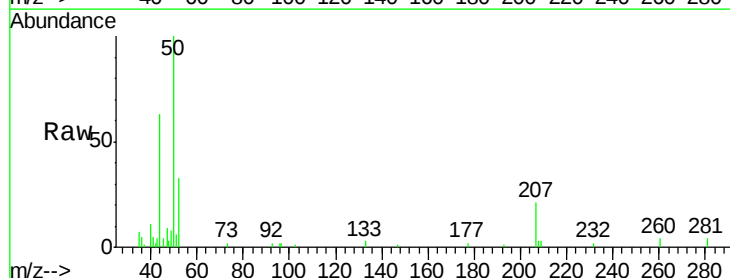
Acq: 13 Jul 2020 13:47

Tgt Ion: 50 Resp: 5709

Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003182.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003182.D (-13) (-)

2.12

4000

3000

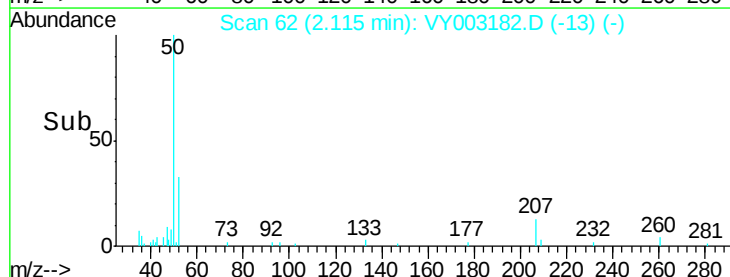
2000

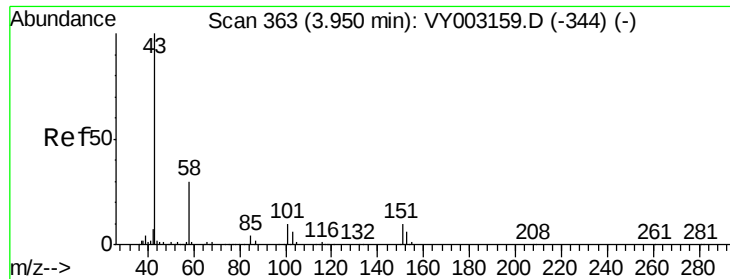
1000

0

2.05 2.10 2.15 2.20

Time-->

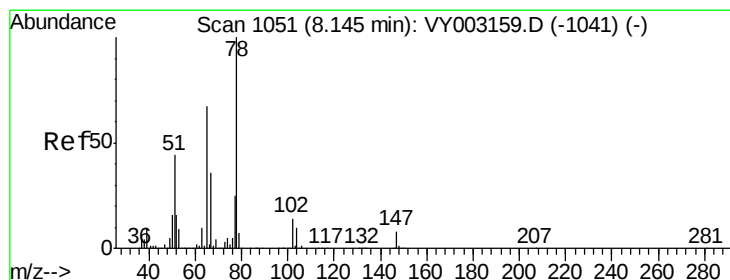
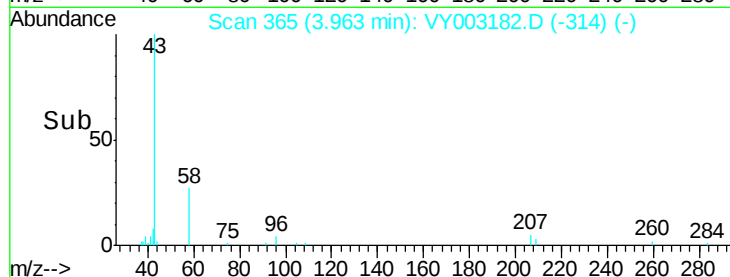
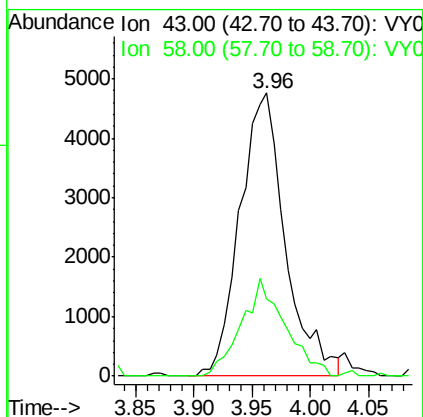
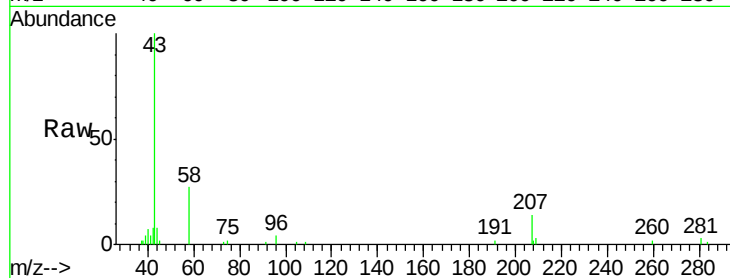




#16
Acetone
Concen: 15.668 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

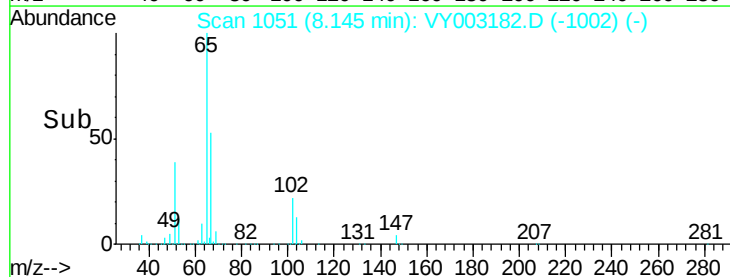
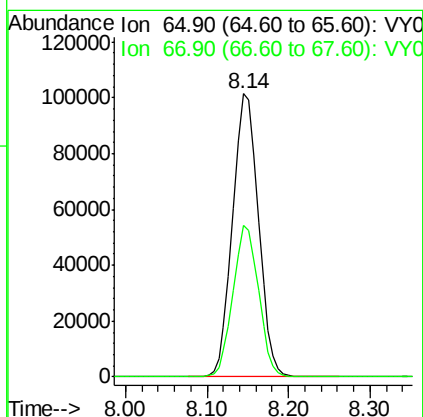
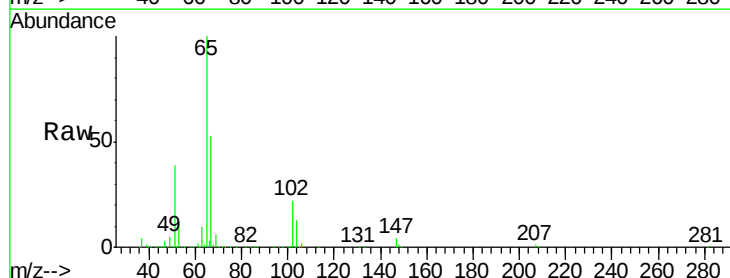
Instrument :
MSVOA_Y
ClientSampled :
VOC

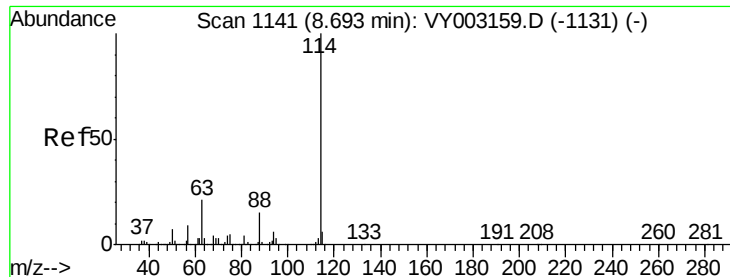
Tot Ion: 43 Resp: 12964
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.6



#33
1,2-Dichloroethane-d4
Concen: 59.972 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion: 65 Resp: 222151
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

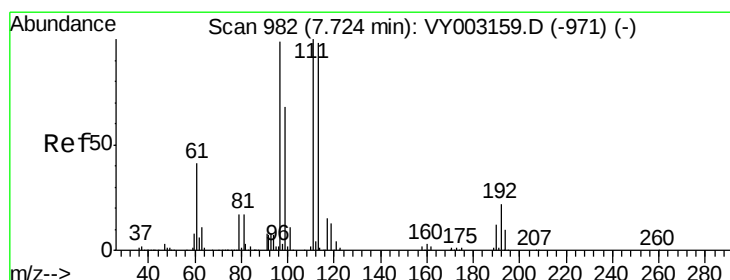
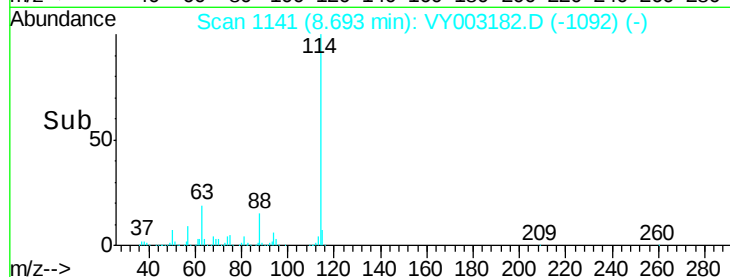
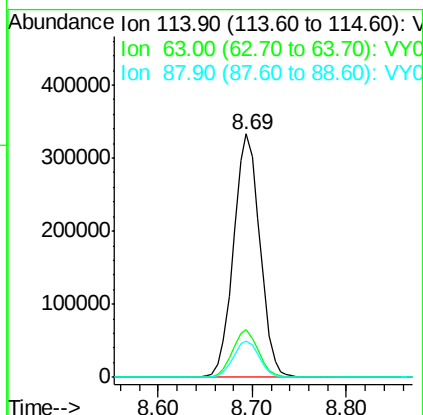
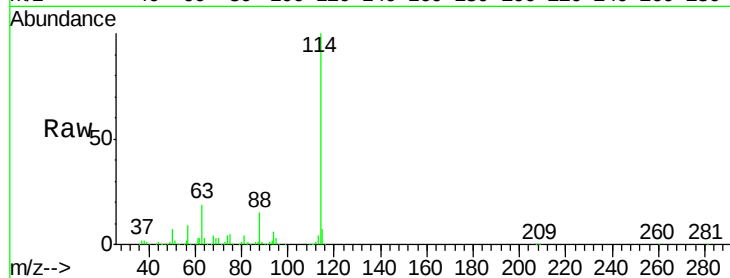




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003182.D
 Acq: 13 Jul 2020 13:47

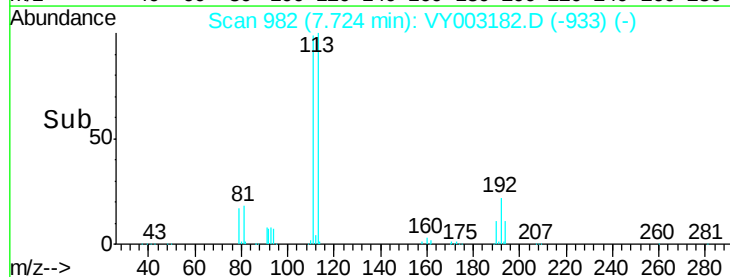
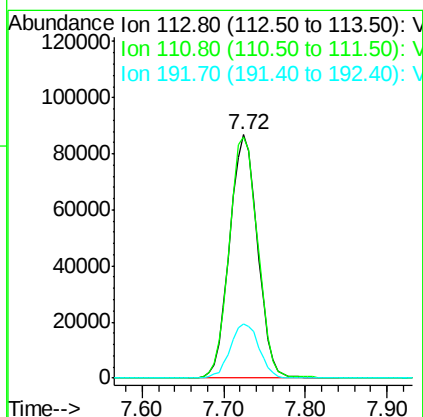
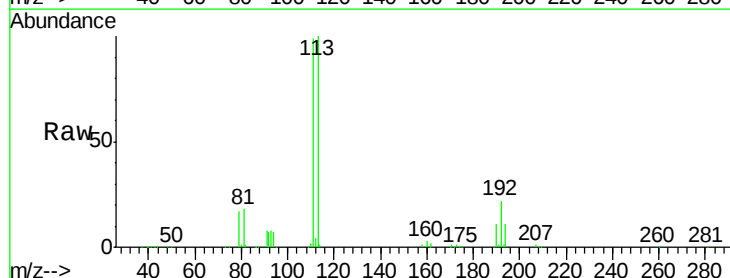
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

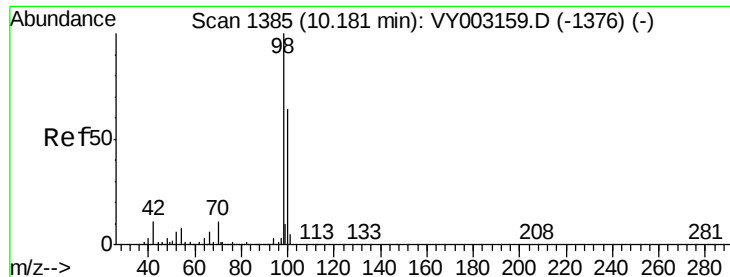
Tot Ion:114 Resp: 641654
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.6 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 55.313 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003182.D
 Acq: 13 Jul 2020 13:47

Tgt Ion:113 Resp: 204247
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.1 123.1
 192 23.0 18.8 28.2





#50

Toluene-d8

Concen: 55.698 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003182.D

Acq: 13 Jul 2020 13:47

Instrument :

MSVOA_Y

ClientSampled :

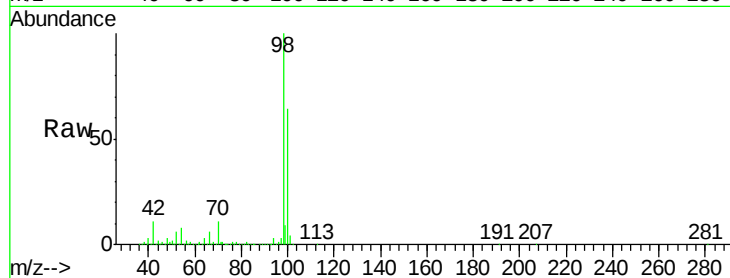
VOC

Tot Ion: 98 Resp: 764636

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

400000

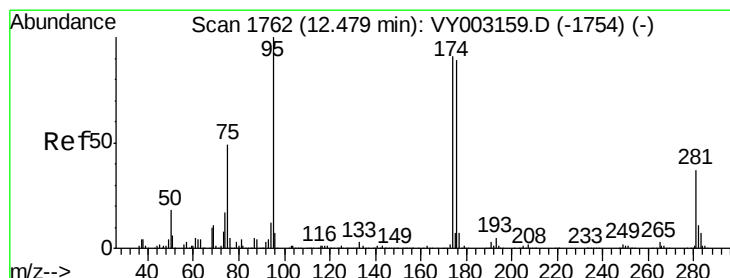
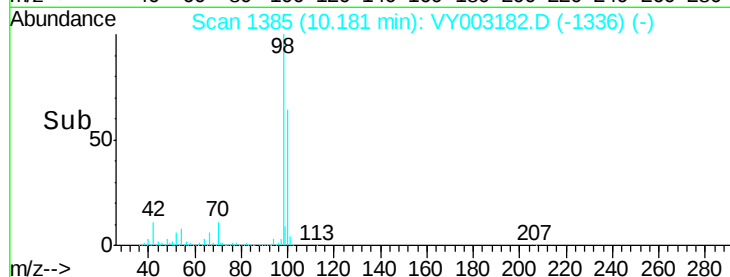
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.467 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003182.D

Acq: 13 Jul 2020 13:47

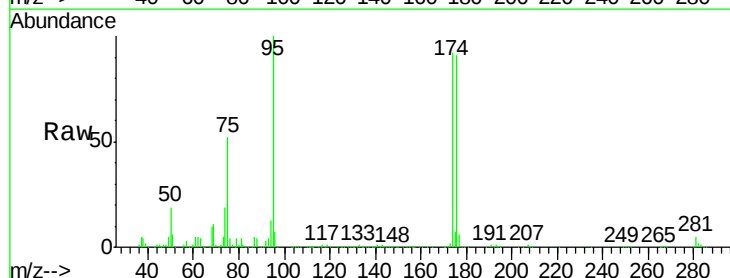
Tgt Ion: 95 Resp: 250290

Ion Ratio Lower Upper

95 100

174 95.8 0.0 190.6

176 93.4 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

200000

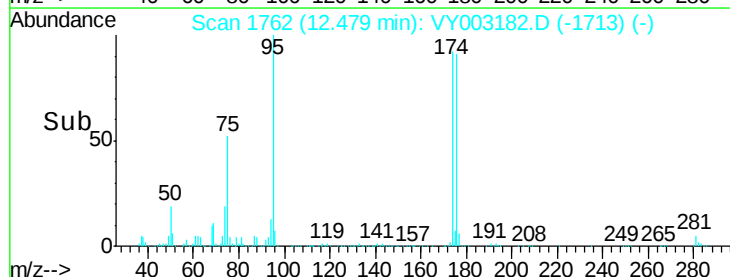
150000

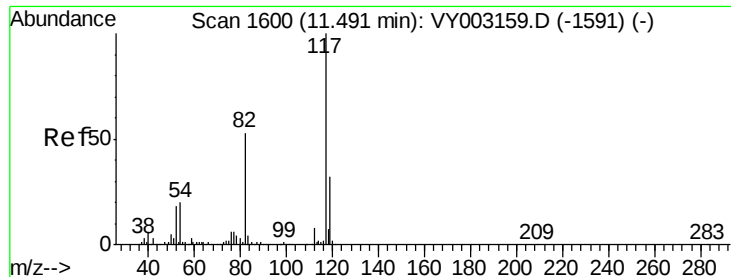
100000

50000

0

Time-->

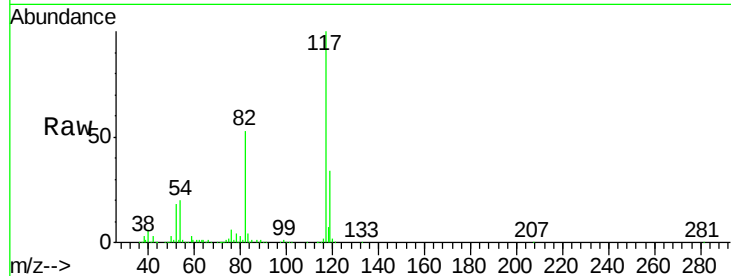




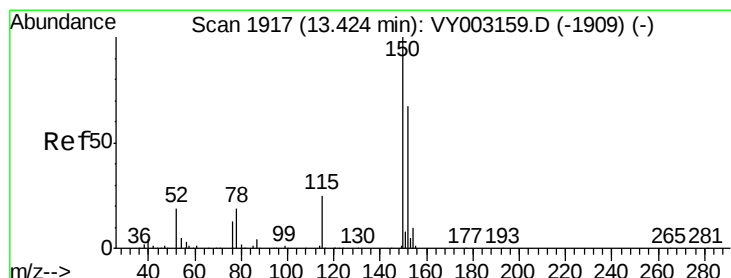
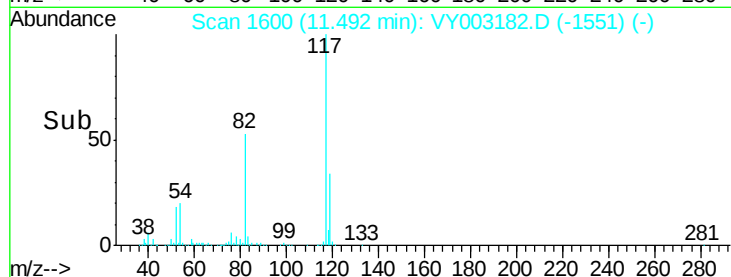
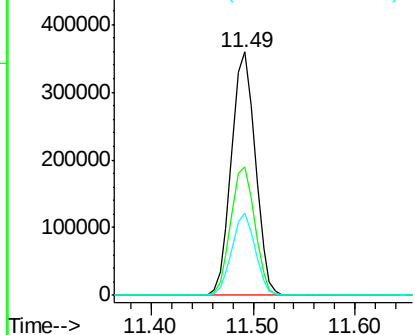
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Instrument :
MSVOA_Y
ClientSampled :
VOC

Tot Ion:117 Resp: 580636
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 33.7 25.5 38.3

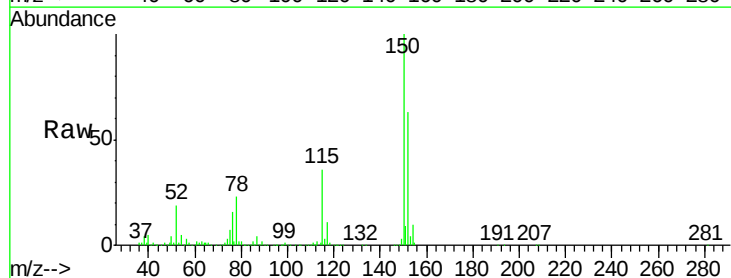


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003182.D
Acq: 13 Jul 2020 13:47

Tgt Ion:152 Resp: 276256
Ion Ratio Lower Upper
152 100
115 55.4 26.9 80.7
150 157.1 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

