

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv071320\
 Data File : VY003181.D
 Acq On : 13 Jul 2020 13:04
 Operator : SY/MD
 Sample : L3276-02
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 15 15:59:07 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

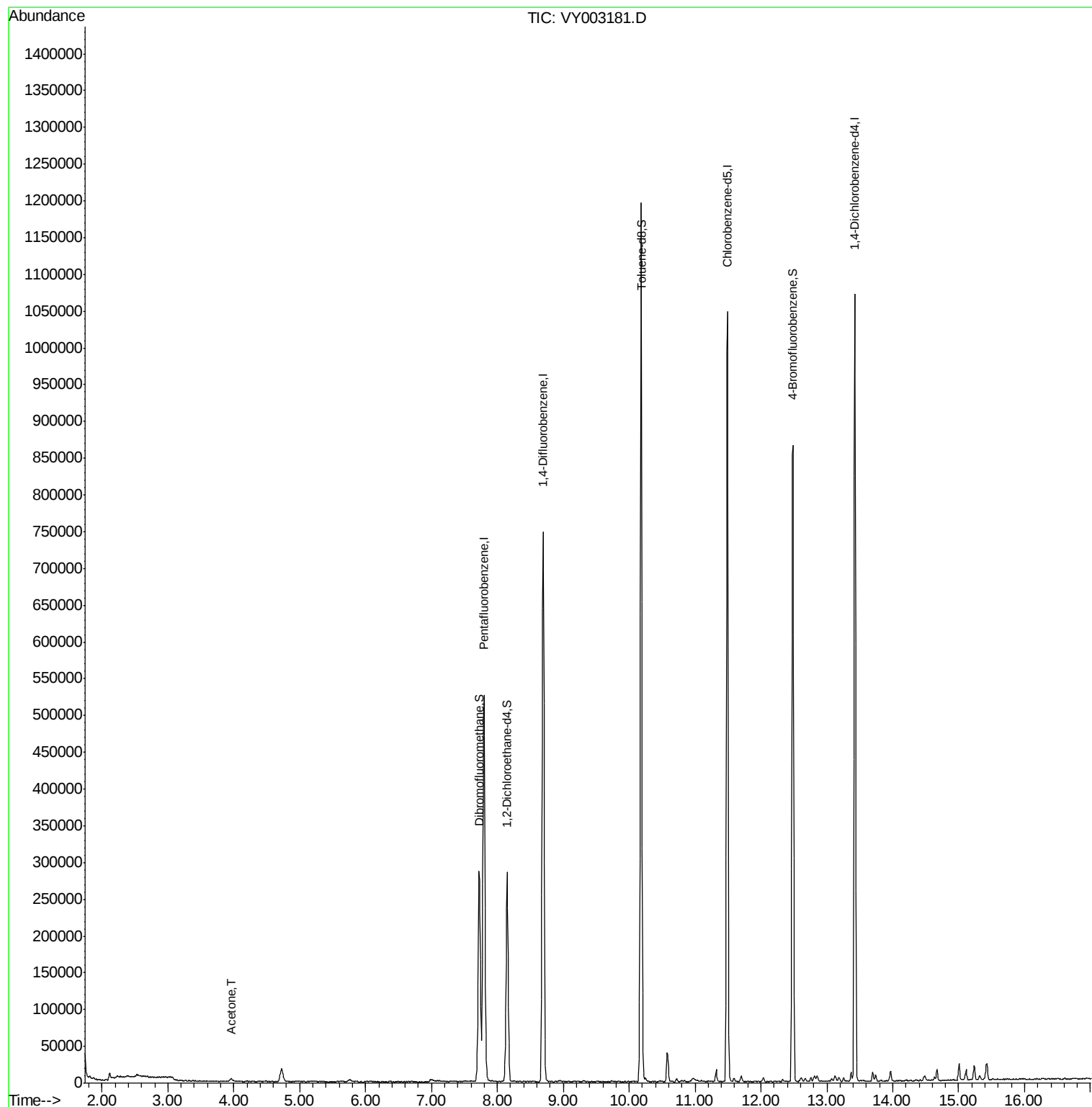
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	440000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	656020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	585065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	278824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	223704	60.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.48%	
35) Dibromofluoromethane	7.72	113	204163	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	10.18	98	778053	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.48	95	253962	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
Target Compounds						
16) Acetone	3.96	43	7815	9.421	ug/l #	82

(#) = 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: VY003181.D

Acq: 13 Jul 2020 13:04

Instrument :

MSVOA_Y

ClientSampled :

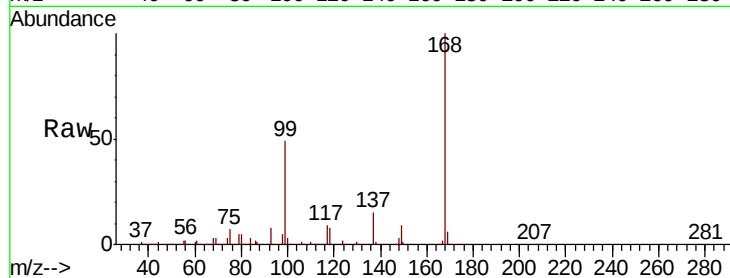
VOC

Tot Ion:168 Resp: 440000

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003181.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003181.D (-945) (-)

7.80

200000

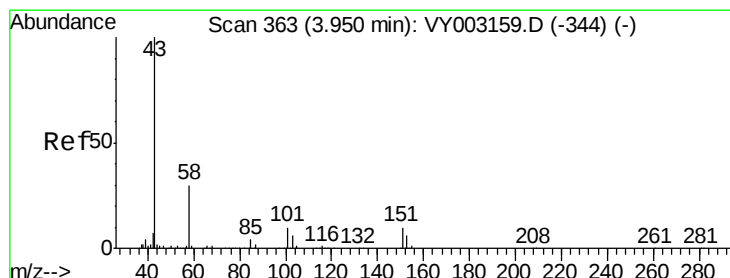
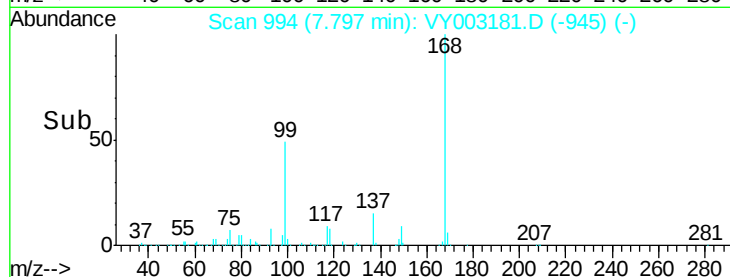
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.421 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003181.D

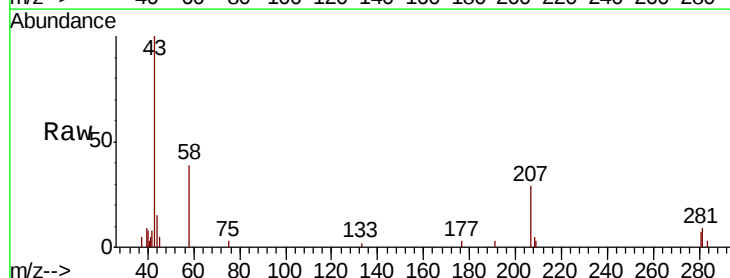
Acq: 13 Jul 2020 13:04

Tgt Ion: 43 Resp: 7815

Ion Ratio Lower Upper

43 100

58 39.2 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003181.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003181.D (-314) (-)

3.96

3000

2500

2000

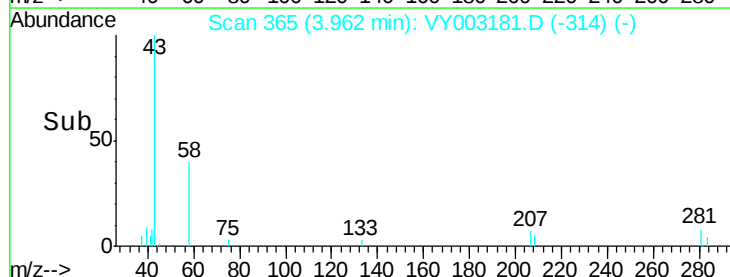
1500

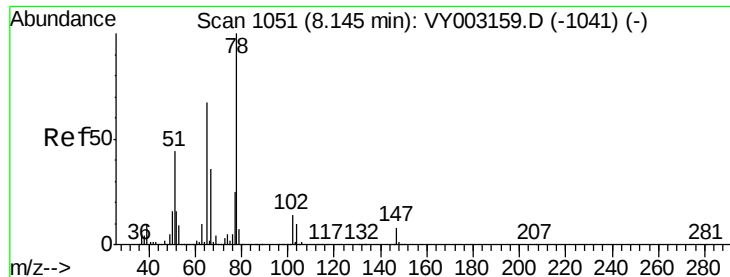
1000

500

0

Time-->

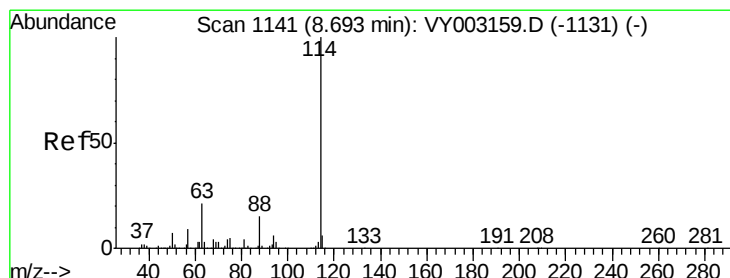
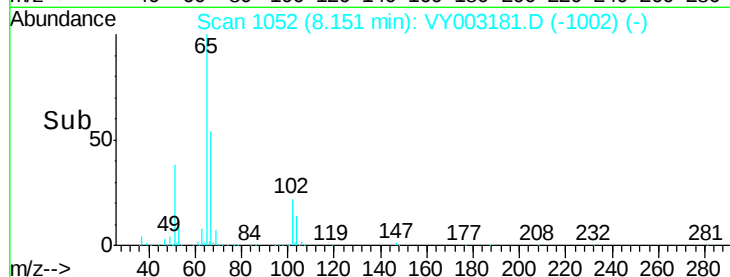
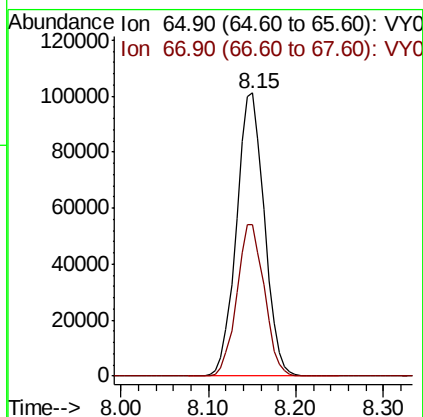
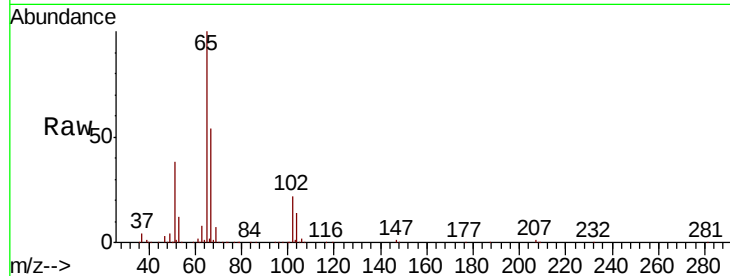




#33
 1,2-Dichloroethane-d4
 Concen: 60.237 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003181.D
 Acq: 13 Jul 2020 13:04

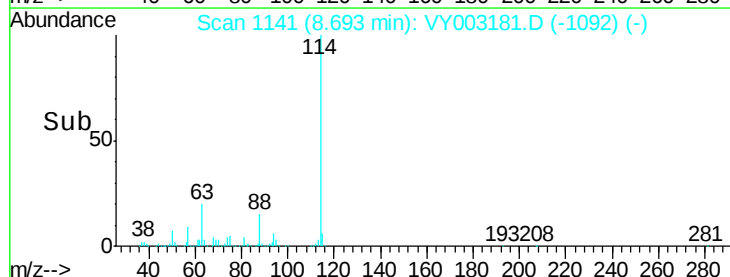
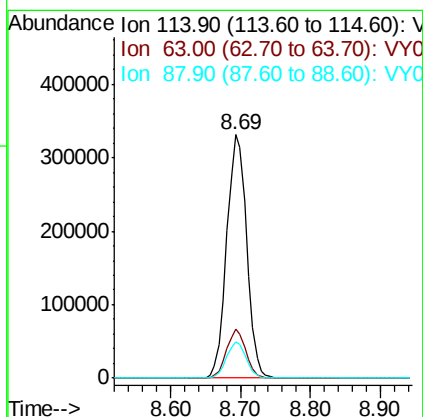
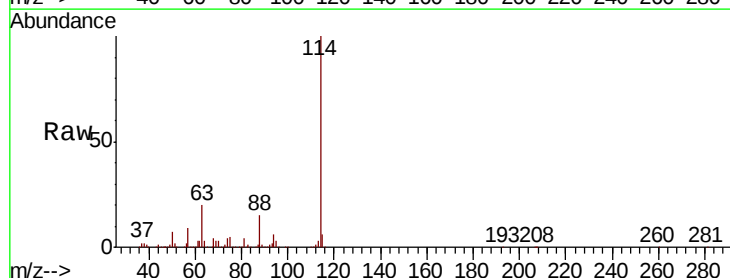
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

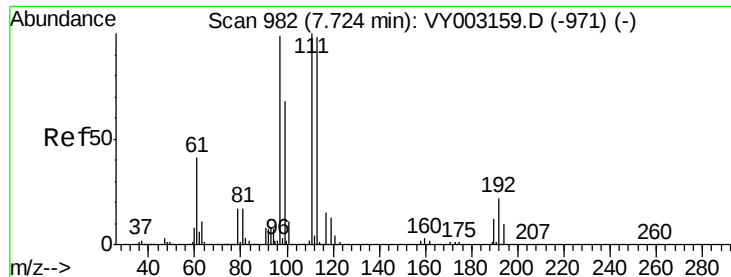
Tot Ion: 65 Resp: 223704
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003181.D
 Acq: 13 Jul 2020 13:04

Tgt Ion: 114 Resp: 656020
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 14.8 0.0 30.2

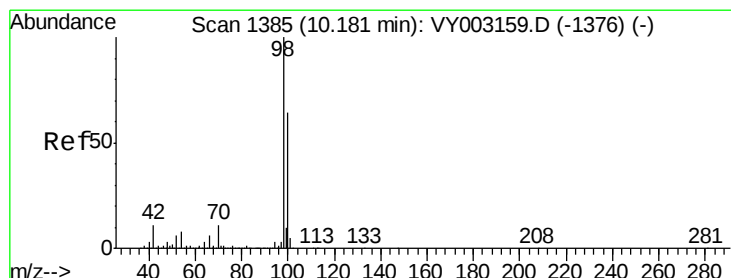
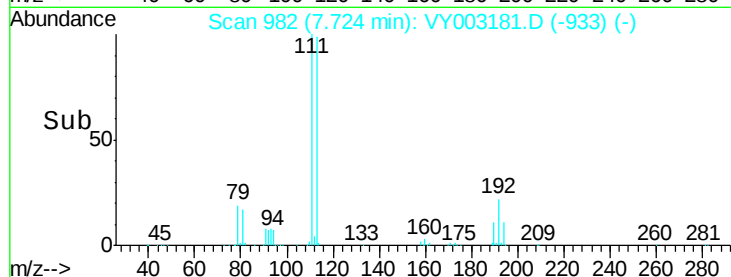
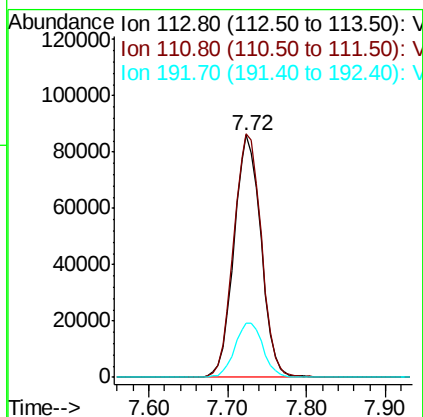
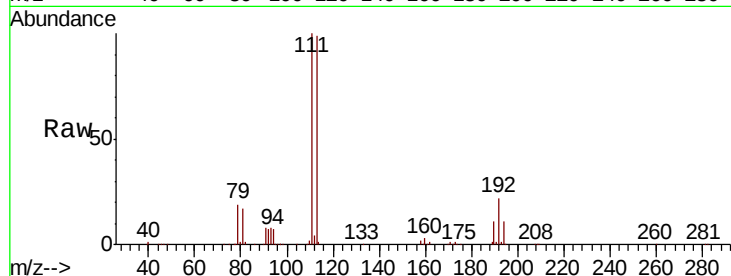




#35
 Dibromofluoromethane
 Concen: 54.080 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003181.D
 Acq: 13 Jul 2020 13:04

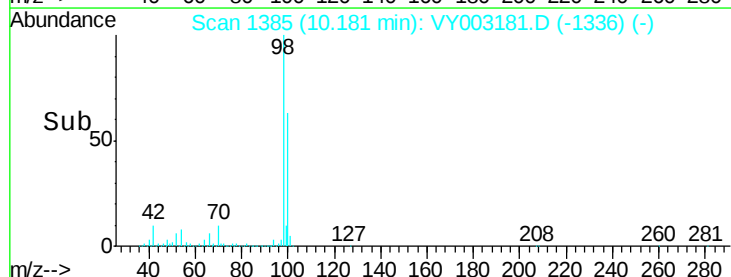
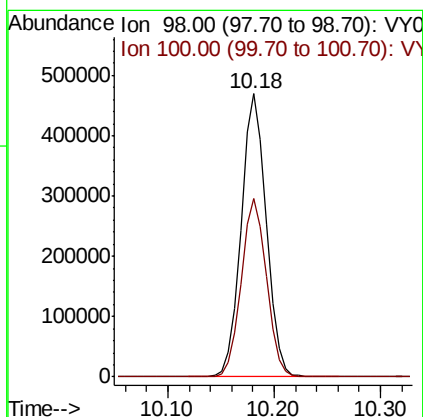
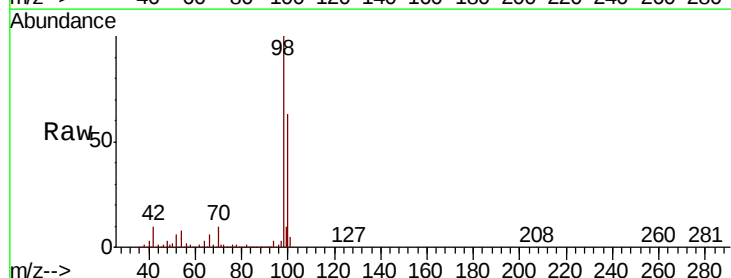
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

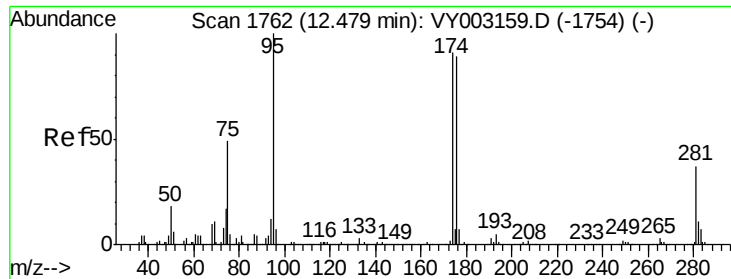
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.1	123.1
192	23.3	18.8	28.2



#50
 Toluene-d8
 Concen: 55.434 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003181.D
 Acq: 13 Jul 2020 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1

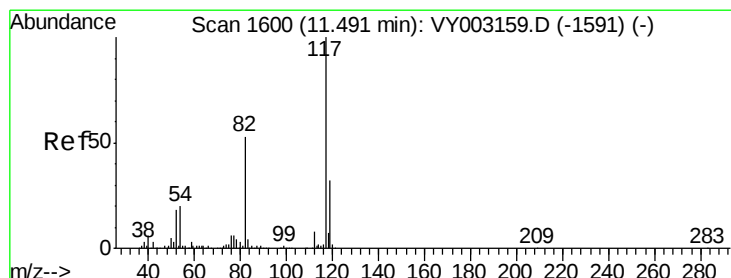
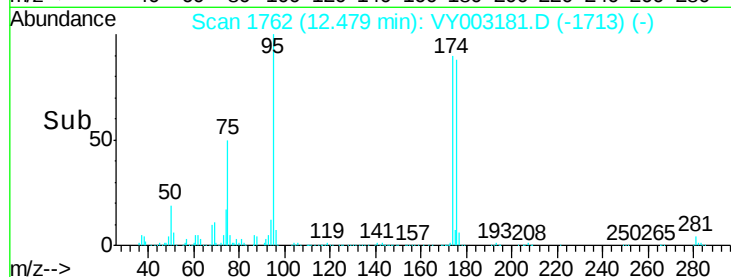
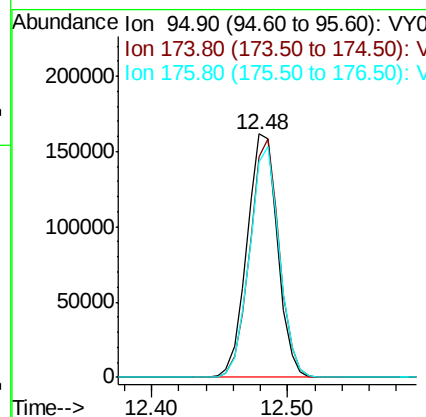
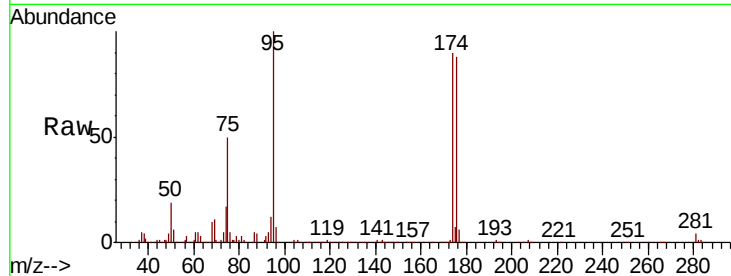




#62
4-Bromofluorobenzene
Concen: 50.086 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003181.D
Acq: 13 Jul 2020 13:04

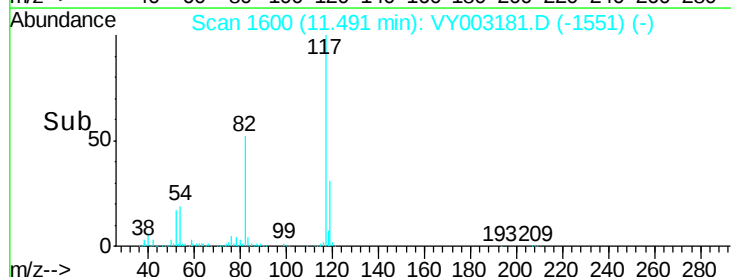
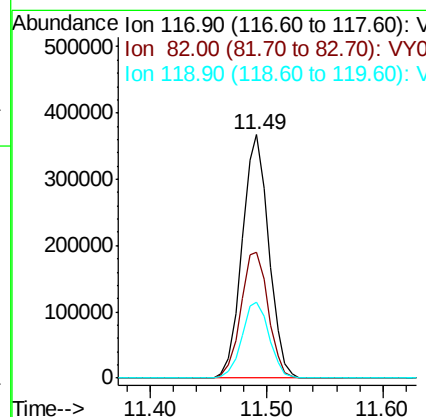
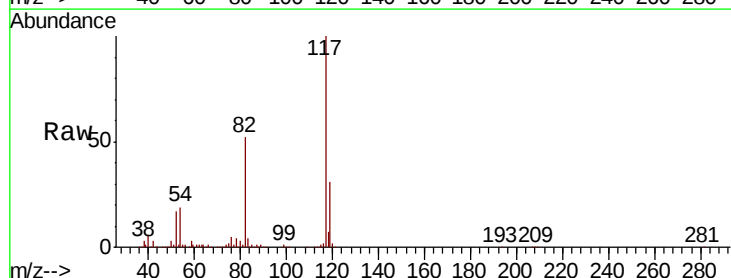
Instrument :
MSVOA_Y
ClientSampleId :
VOC

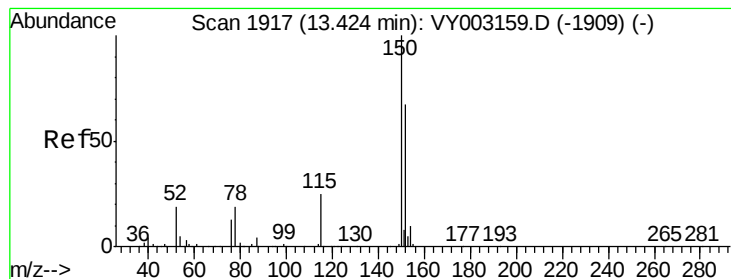
Tot Ion: 95 Resp: 253962
Ion Ratio Lower Upper
95 100
174 93.9 0.0 190.6
176 92.2 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003181.D
Acq: 13 Jul 2020 13:04

Tgt Ion: 117 Resp: 585065
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 31.2 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: VY003181.D

Acq: 13 Jul 2020 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VOC

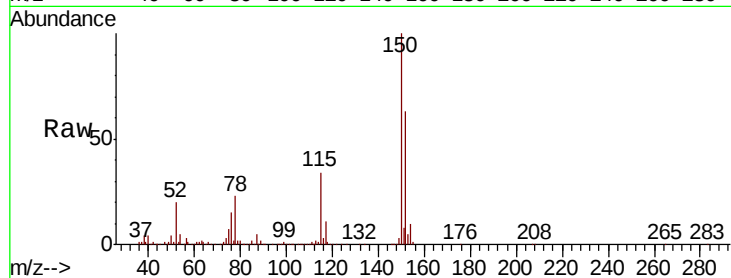
Tot Ion:152 Resp: 278824

Ion Ratio Lower Upper

152 100

115 54.4 26.9 80.7

150 157.4 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

