

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002854.D
 Acq On : 05 Jun 2020 17:25
 Operator : SY/MD
 Sample : L2936-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 06 08:29:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

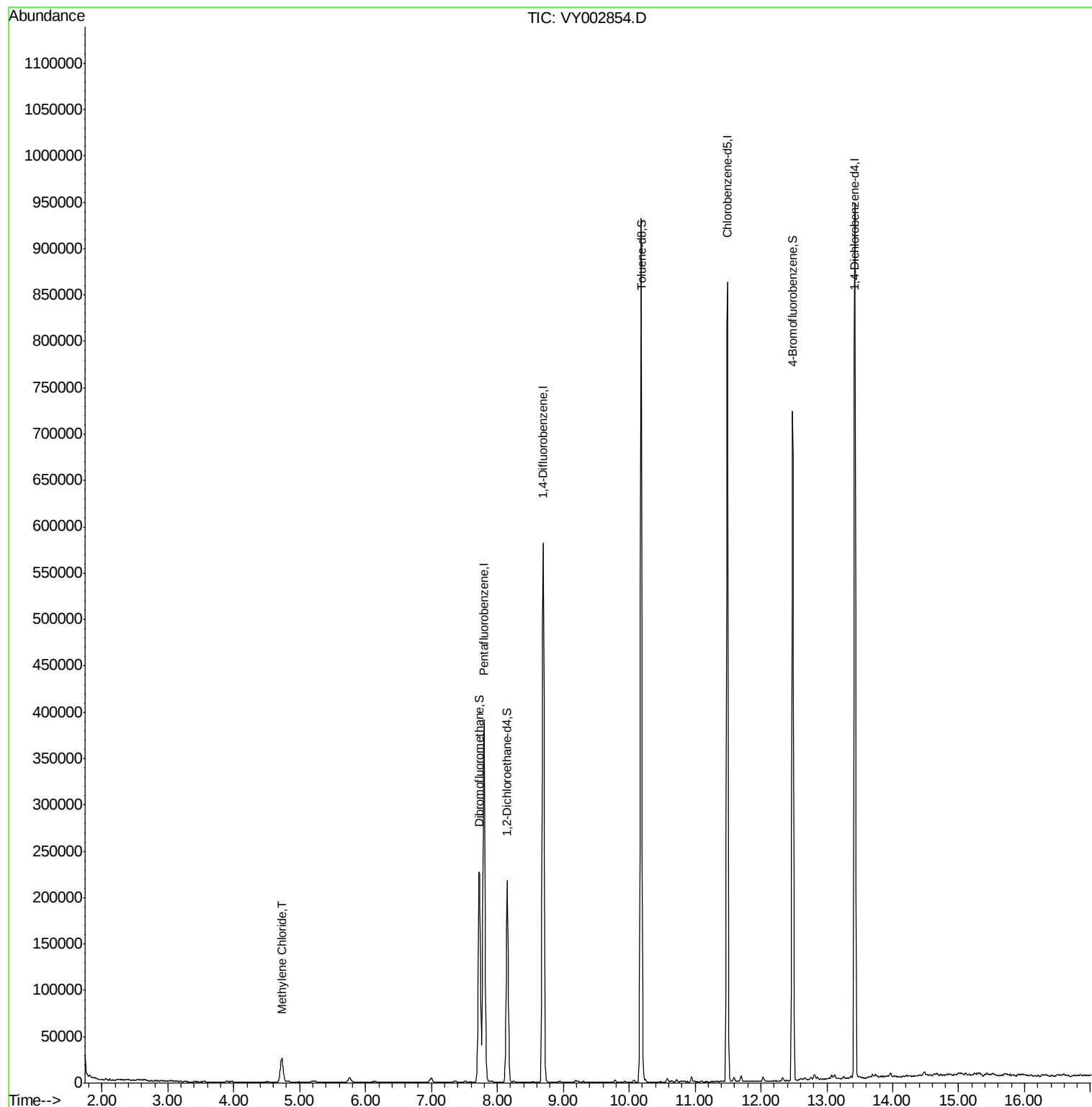
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	325021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	534321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	503341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	166047	58.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.68%	
35) Dibromofluoromethane	7.72	113	167775	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	10.18	98	627213	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.48	95	224583	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
20) Methylene Chloride	4.73	84	21081	6.519	ug/l	Qvalue 99

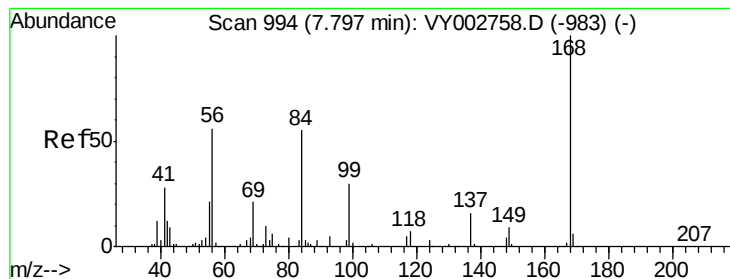
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002854.D

Acq: 05 Jun 2020 17:25

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MSVOA_Y

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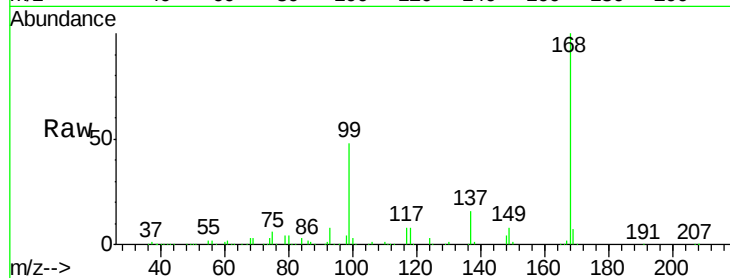
VOC

Tot Ion:168 Resp: 325021

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002854.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002854.D (-945) (-)

7.80

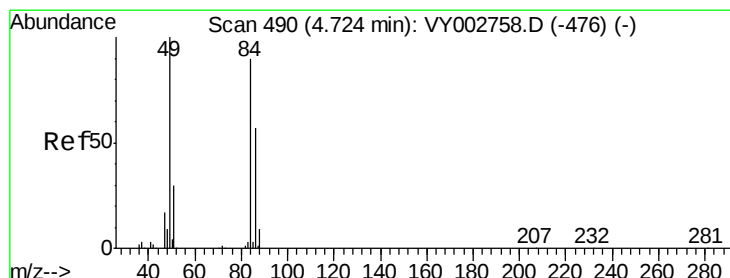
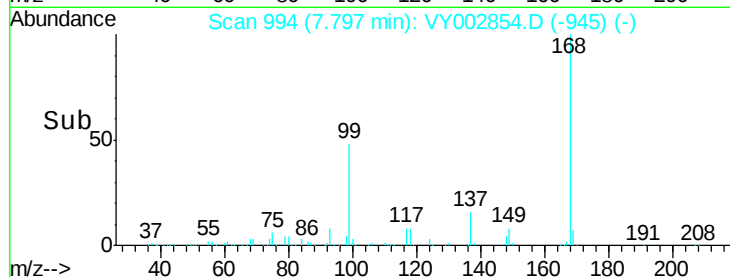
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.519 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002854.D

Acq: 05 Jun 2020 17:25

Tgt Ion: 84 Resp: 21081

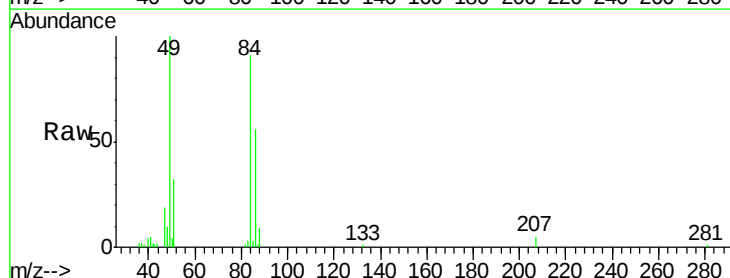
Ion Ratio Lower Upper

84 100

49 110.0 88.5 132.7

51 34.9 26.8 40.2

86 61.5 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002854.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002854.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002854.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002854.D (-441) (-)

4.73

12000

10000

8000

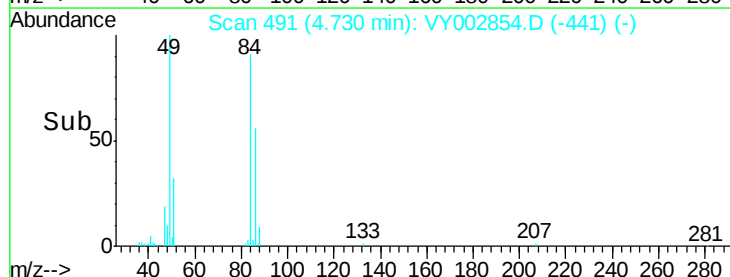
6000

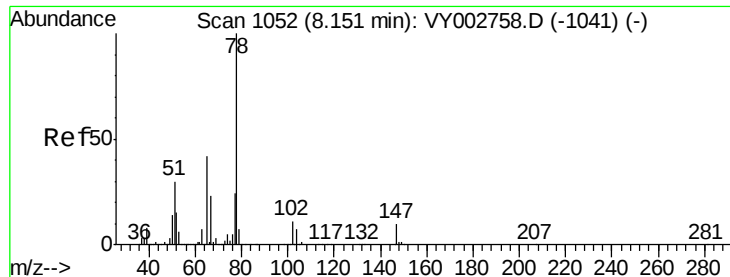
4000

2000

0

Time-->

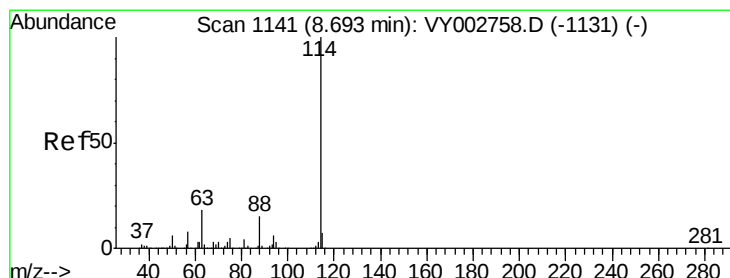
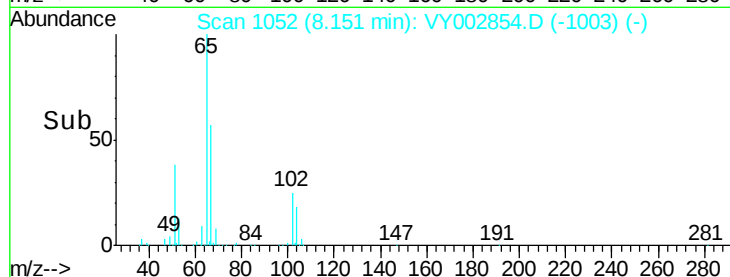
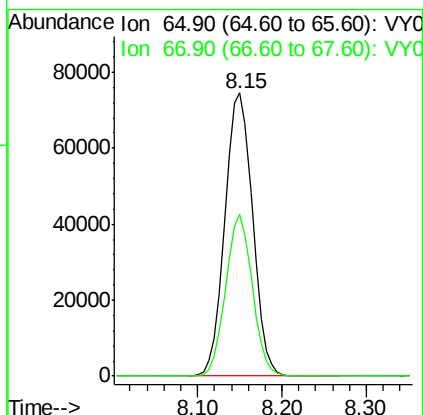
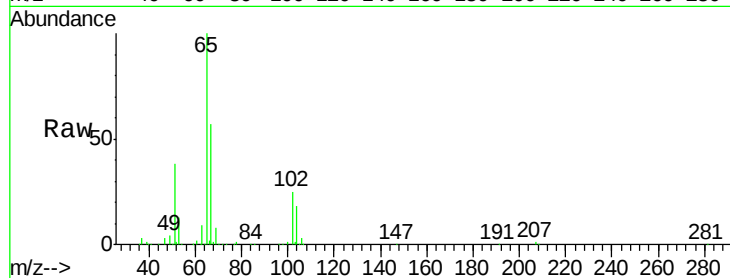




#33
 1,2-Dichloroethane-d4
 Concen: 58.838 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002854.D
 Acq: 05 Jun 2020 17:25

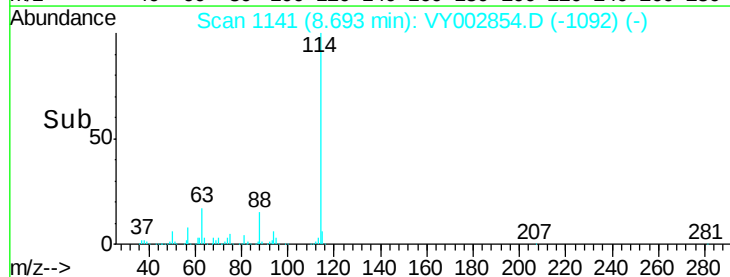
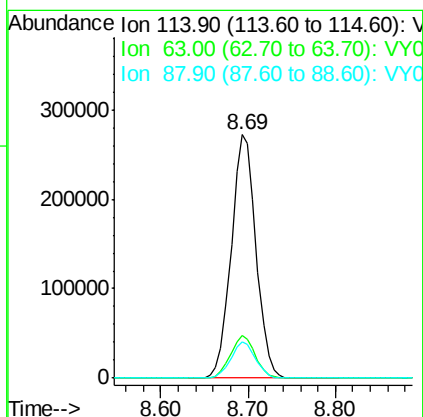
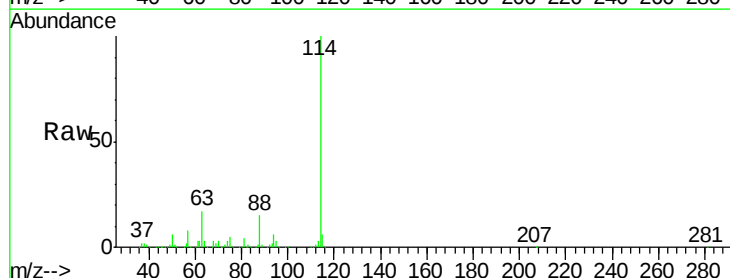
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

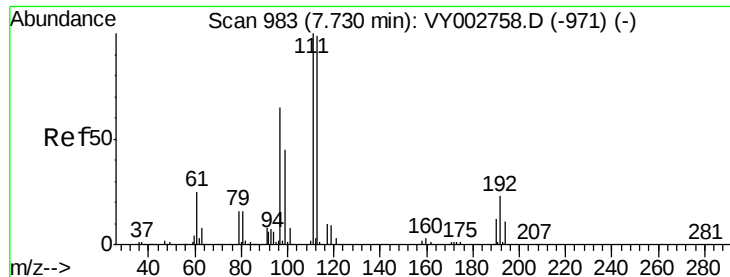
Tot Ion: 65 Resp: 166047
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002854.D
 Acq: 05 Jun 2020 17:25

Tgt Ion: 114 Resp: 534321
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.8 0.0 29.2

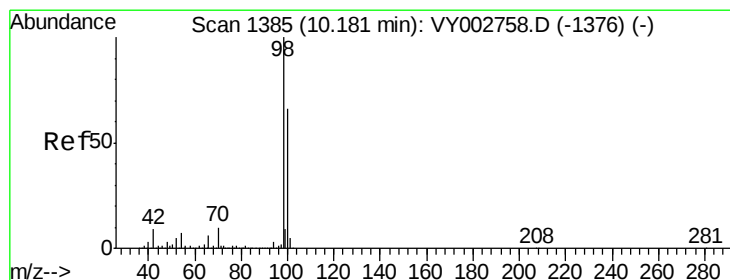
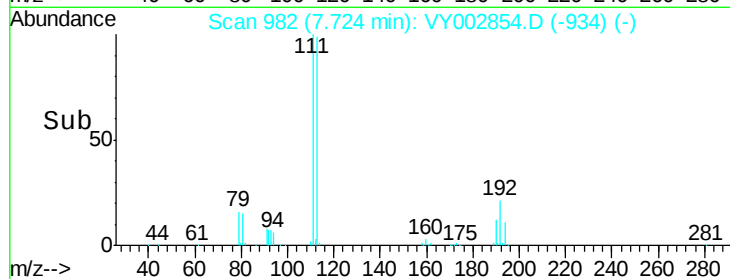
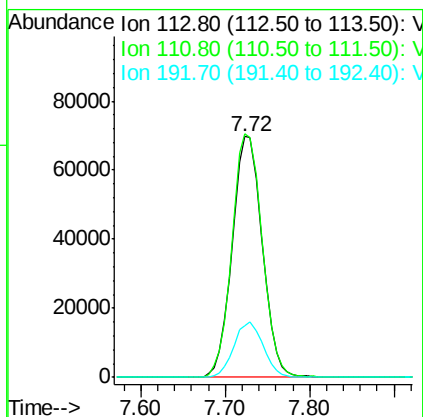
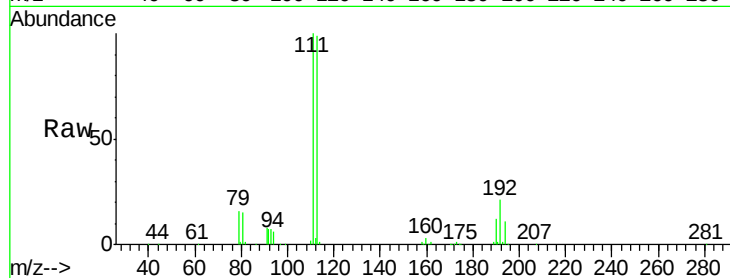




#35
Dibromofluoromethane
Concen: 53.578 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002854.D
Acq: 05 Jun 2020 17:25

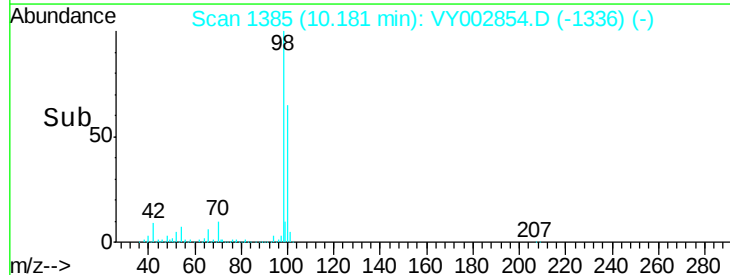
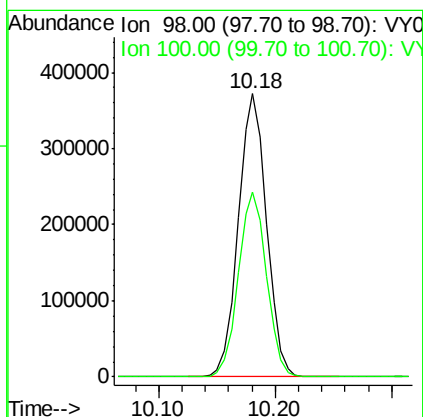
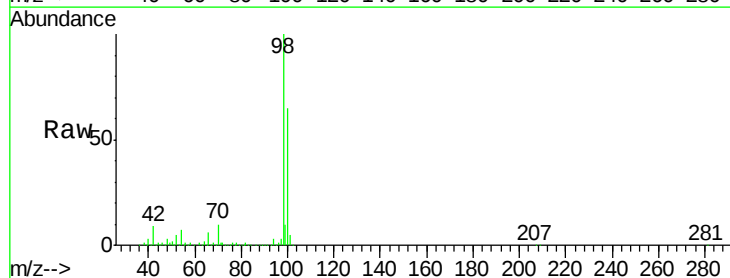
Instrument :
MSVOA_Y
ClientSampleId :
VOC

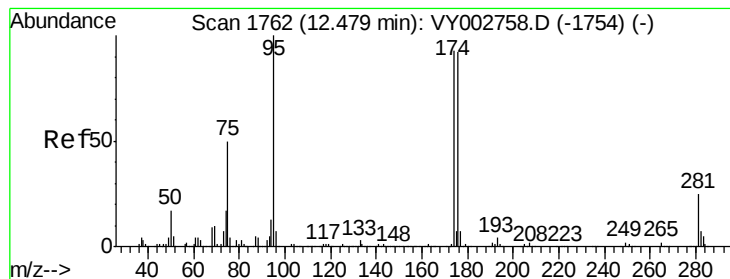
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	22.6	18.9	28.3



#50
Toluene-d8
Concen: 49.539 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002854.D
Acq: 05 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 51.904 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002854.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VOC

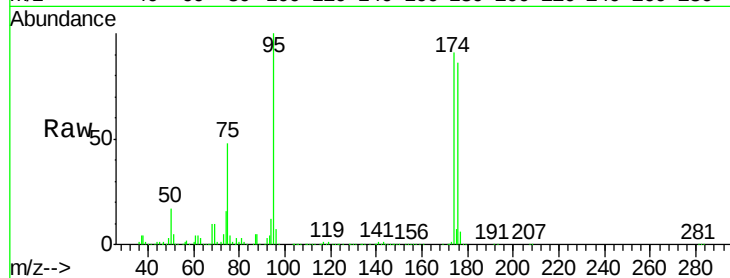
Tot Ion: 95 Resp: 224583

Ion Ratio Lower Upper

95 100

174 92.7 0.0 191.2

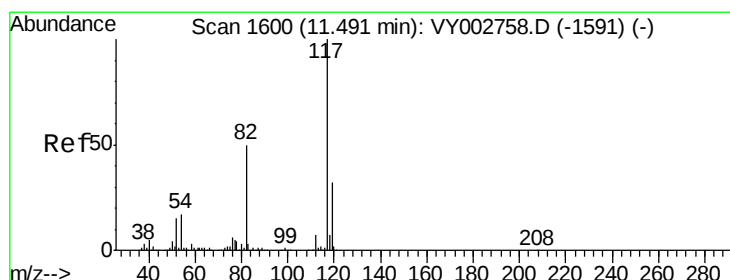
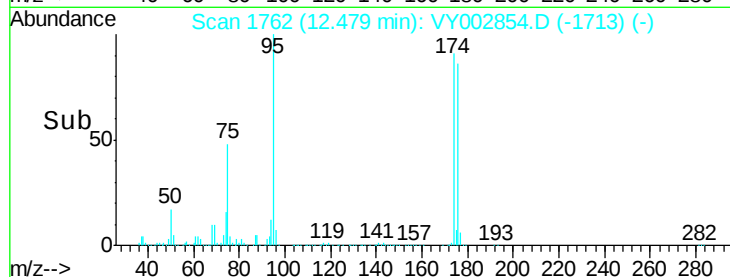
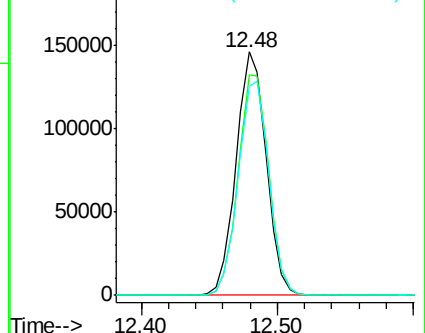
176 89.8 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002854.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002854.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002854.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002854.D

Acq: 05 Jun 2020 17:25

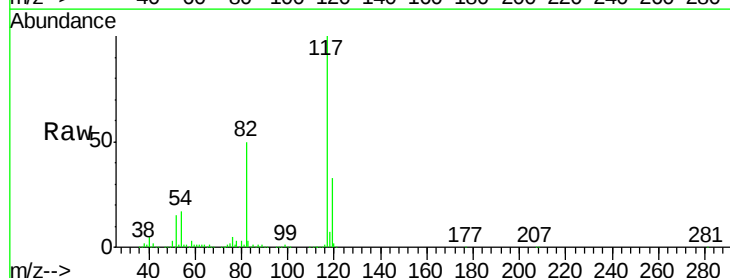
Tgt Ion: 117 Resp: 503341

Ion Ratio Lower Upper

117 100

82 50.0 40.2 60.4

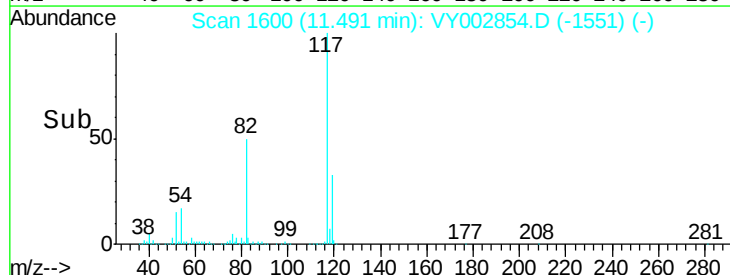
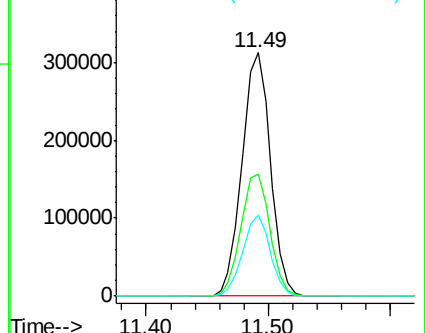
119 33.1 25.8 38.8

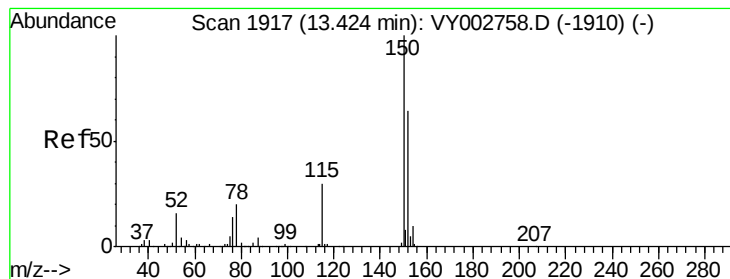


Abundance Ion 116.90 (116.60 to 117.60): VY002854.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002854.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002854.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002854.D

Acq: 05 Jun 2020 17:25

Instrument :

MSVOA_Y

ClientSampleId :

VOC

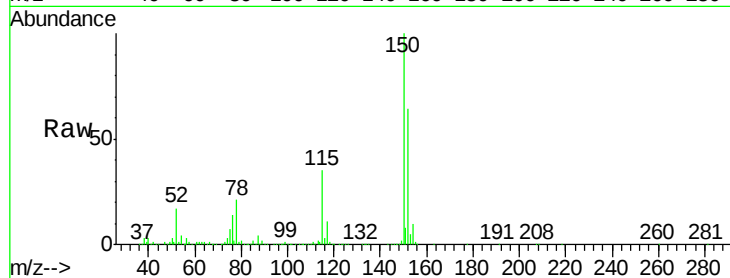
Tot Ion:152 Resp: 260203

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

150 156.0 0.0 344.8



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

