

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003234.D
 Acq On : 20 Jul 2020 16:12
 Operator : SY/MD
 Sample : L3308-02RE
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2RE

Quant Time: Jul 21 04:39:34 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

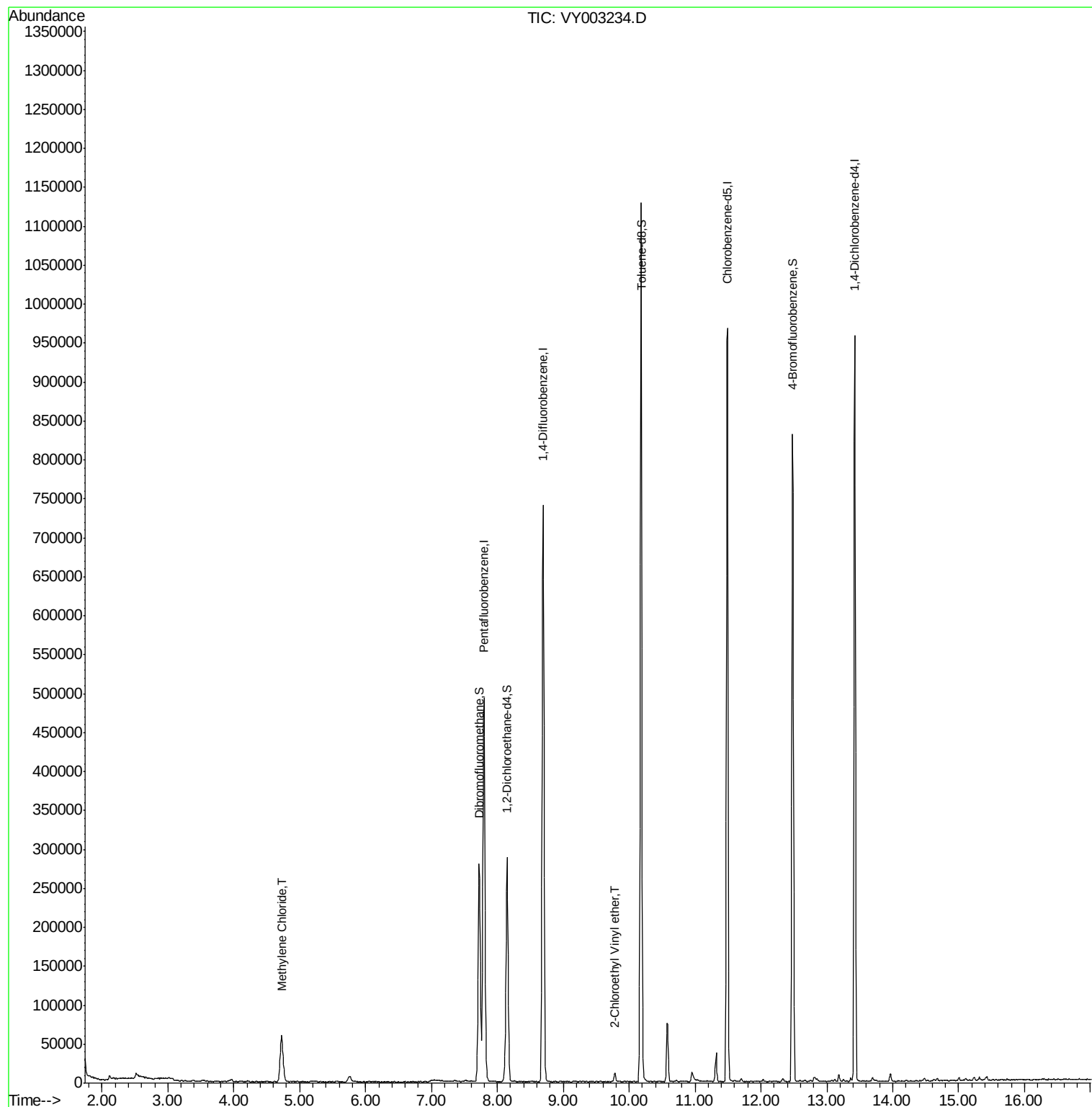
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	397857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	604541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	220244	65.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.18%	
35) Dibromofluoromethane	7.72	113	194576	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
50) Toluene-d8	10.18	98	722787	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
62) 4-Bromofluorobenzene	12.48	95	227110	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
20) Methylene Chloride	4.72	84	44239	6.996	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	4833	2.157	ug/l	97

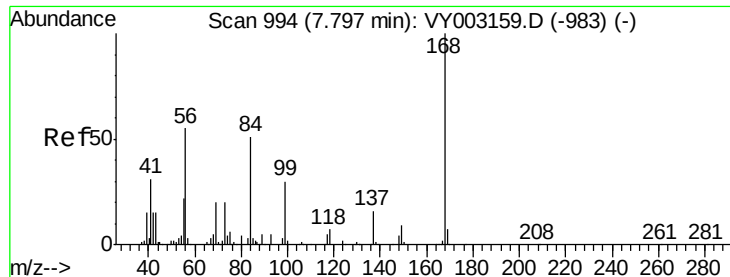
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003234.D

Acq: 20 Jul 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

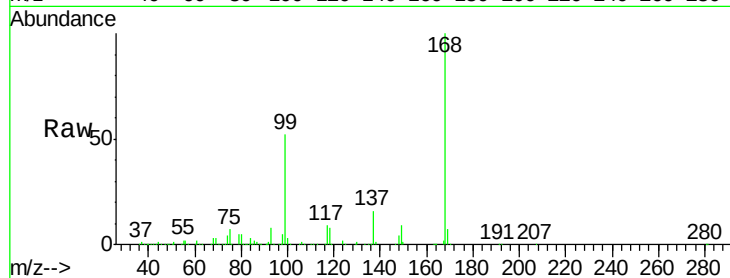
2RE

Tot Ion:168 Resp: 397857

Ion Ratio Lower Upper

168 100

99 51.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003234.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003234.D (-945) (-)

7.80

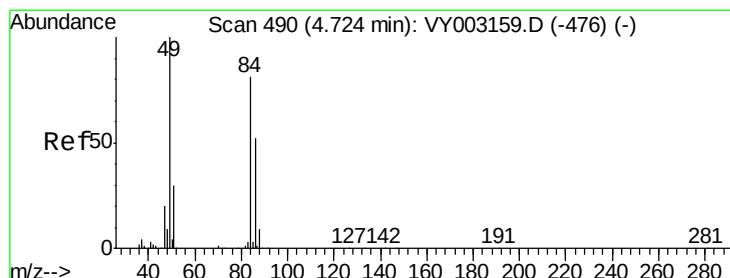
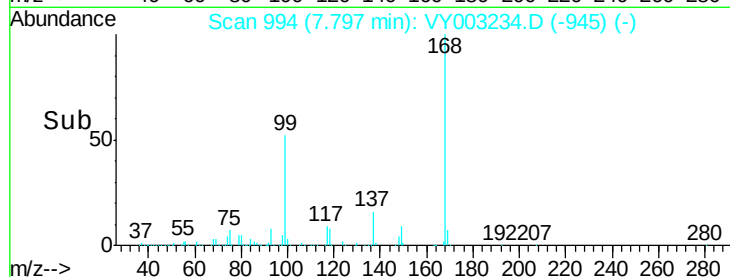
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.996 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003234.D

Acq: 20 Jul 2020 16:12

Tgt Ion: 84 Resp: 44239

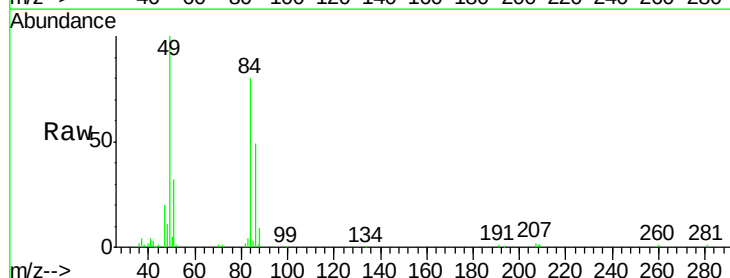
Ion Ratio Lower Upper

84 100

49 125.0 98.2 147.4

51 40.2 29.8 44.6

86 61.1 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003234.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003234.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003234.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003234.D (-441) (-)

4.72

25000

20000

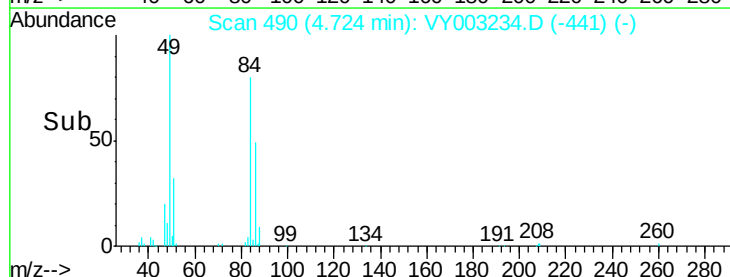
15000

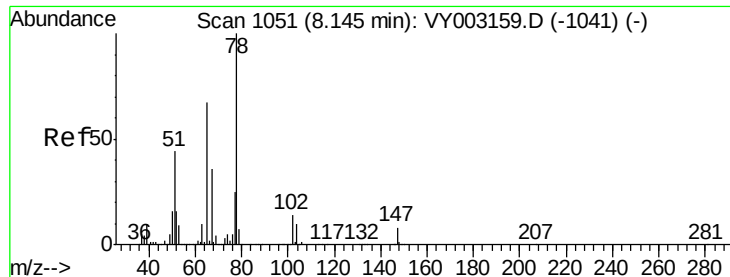
10000

5000

0

Time-->

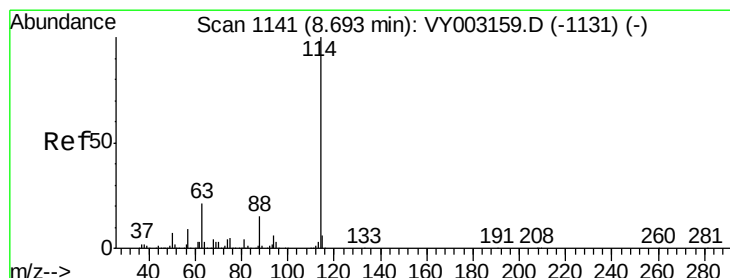
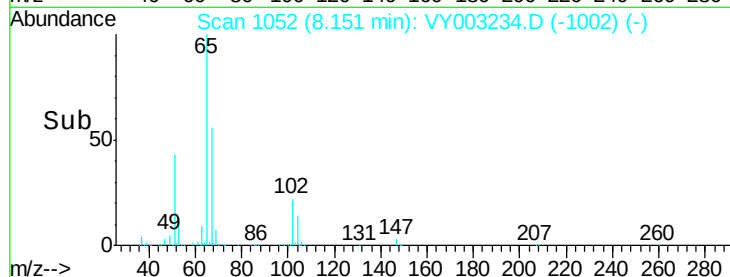
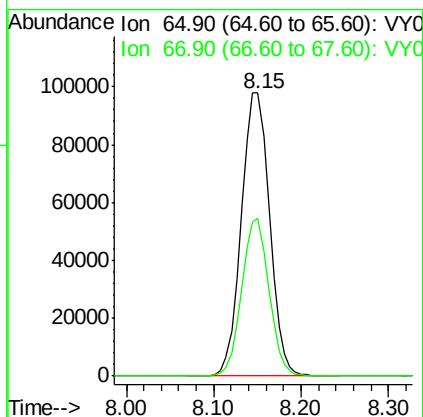
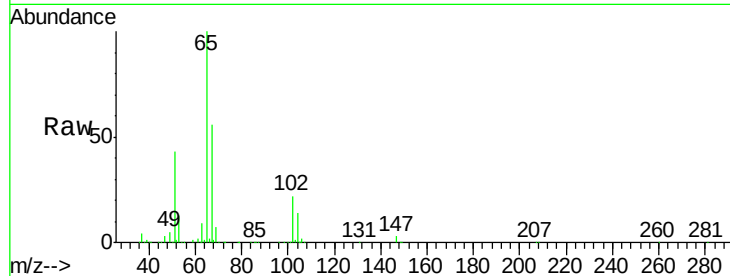




#33
 1,2-Dichloroethane-d4
 Concen: 65.587 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003234.D
 Acq: 20 Jul 2020 16:12

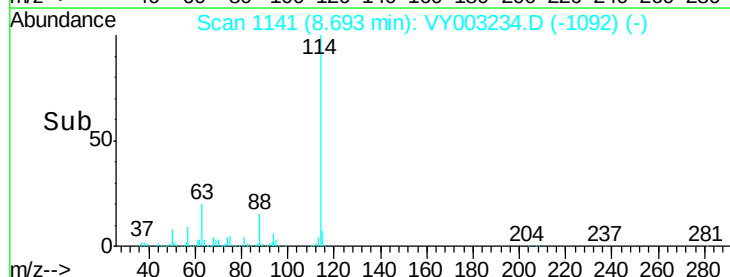
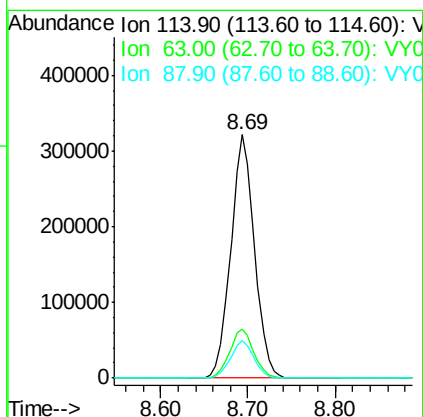
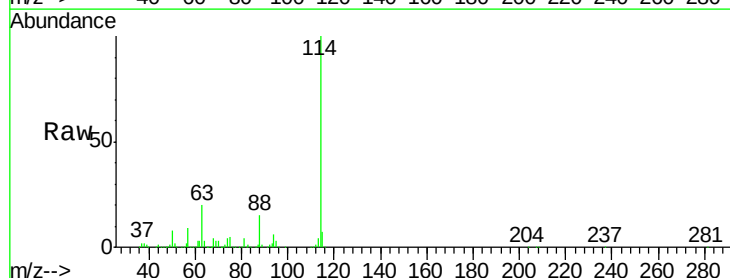
Instrument :
 MSVOA_Y
 ClientSampled :
 2RE

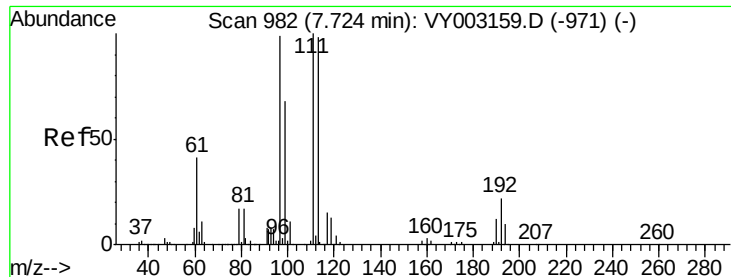
Tot Ion: 65 Resp: 220244
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003234.D
 Acq: 20 Jul 2020 16:12

Tgt Ion: 114 Resp: 604541
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.929 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003234.D

Acq: 20 Jul 2020 16:12

Instrument :

MSVOA_Y

ClientSampled :

2RE

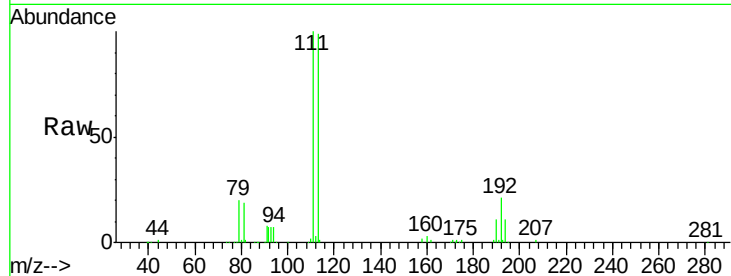
Tot Ion:113 Resp: 194576

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

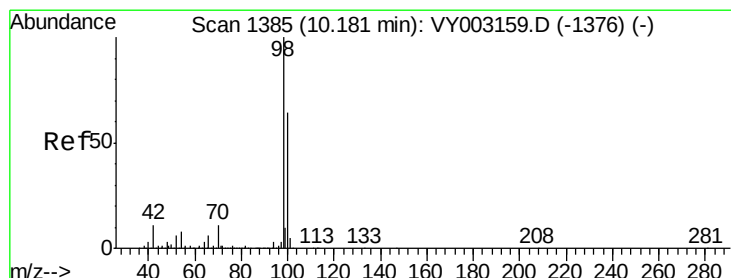
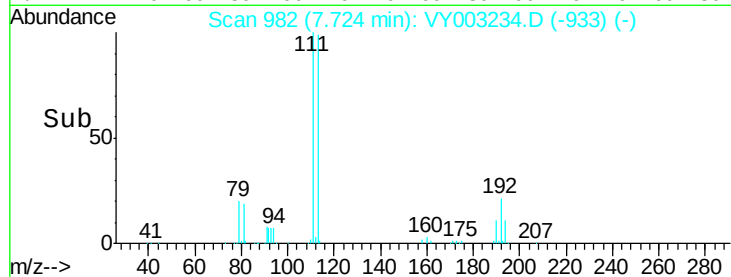
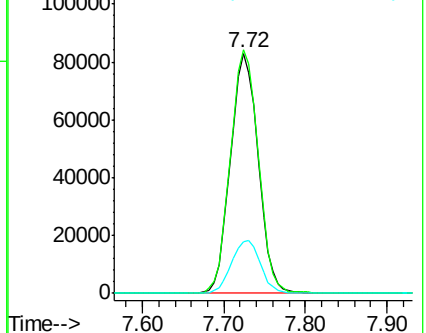
192 22.8 18.8 28.2



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: 55.881 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003234.D

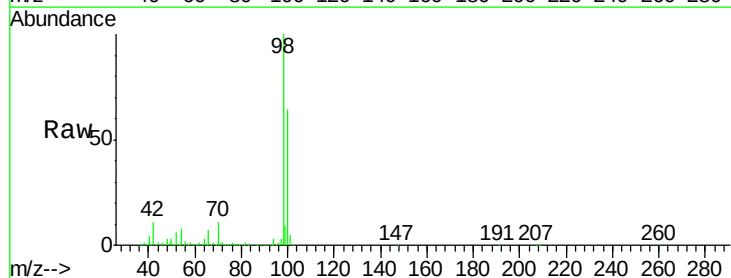
Acq: 20 Jul 2020 16:12

Tgt Ion: 98 Resp: 722787

Ion Ratio Lower Upper

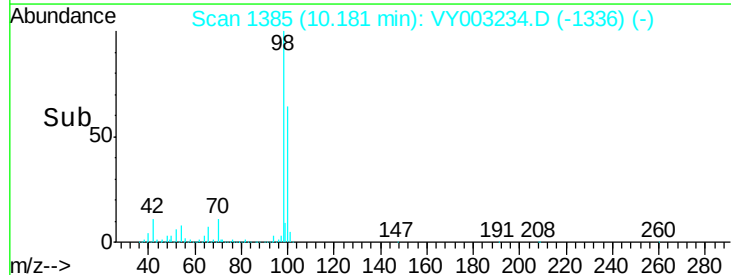
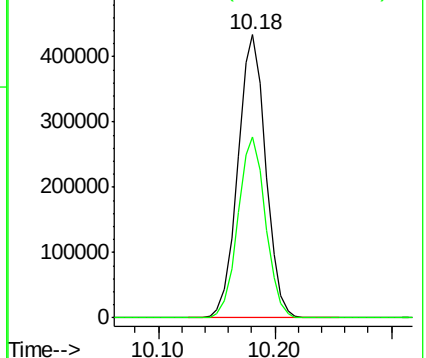
98 100

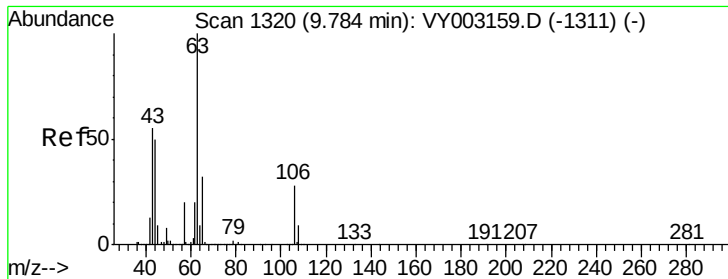
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

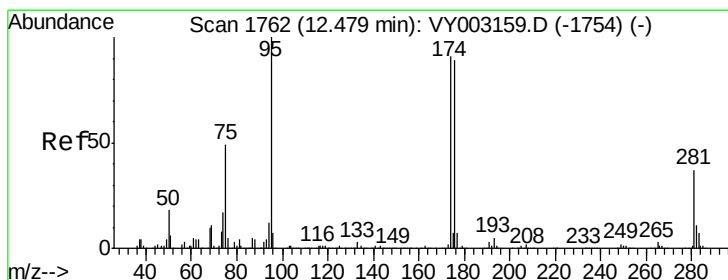
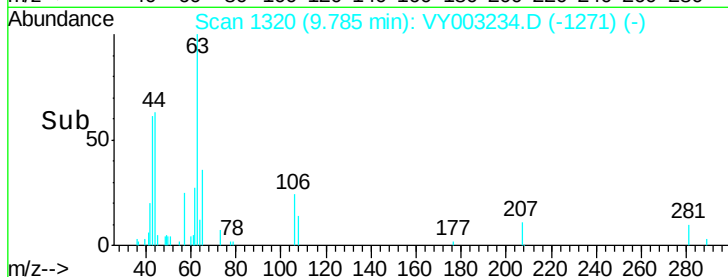
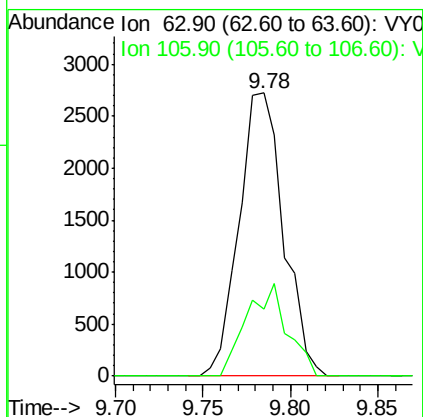
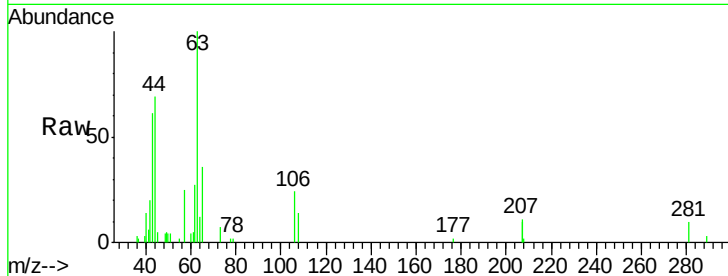




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.157 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003234.D
 Acq: 20 Jul 2020 16:12

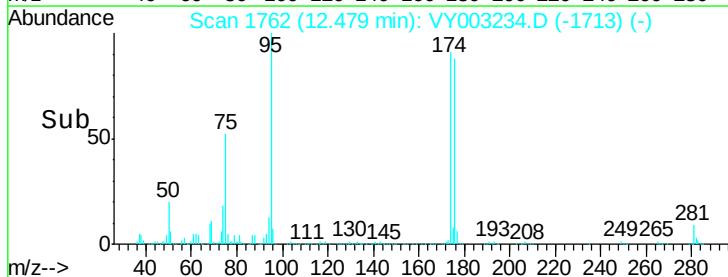
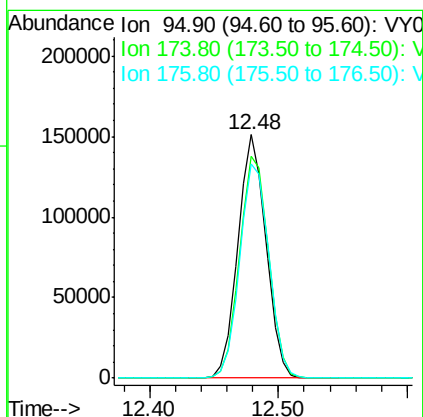
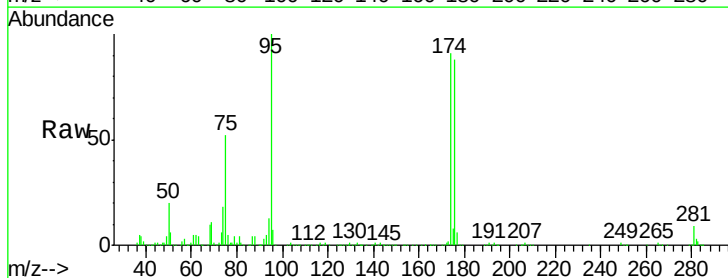
Instrument :
 MSVOA_Y
 ClientSampleId :
 2RE

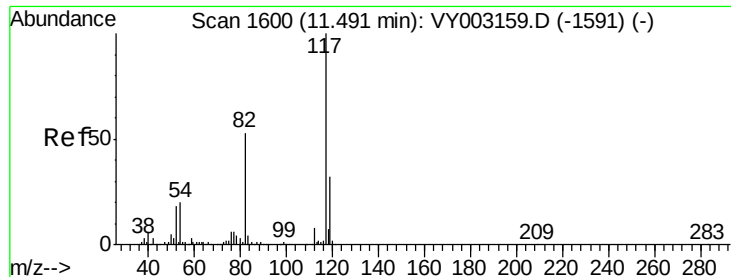
Tot Ion: 63 Resp: 4833
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.9 34.3



#62
 4-Bromofluorobenzene
 Concen: 48.604 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003234.D
 Acq: 20 Jul 2020 16:12

Tgt Ion: 95 Resp: 227110
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 190.6
 176 91.4 0.0 186.4

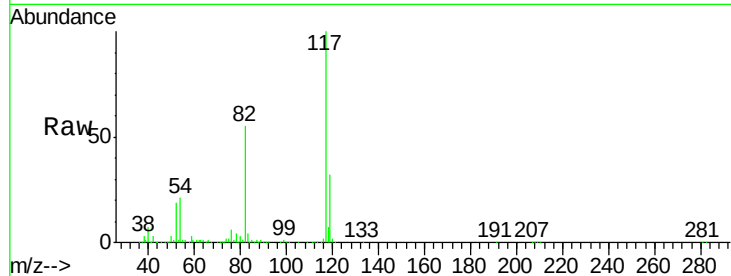




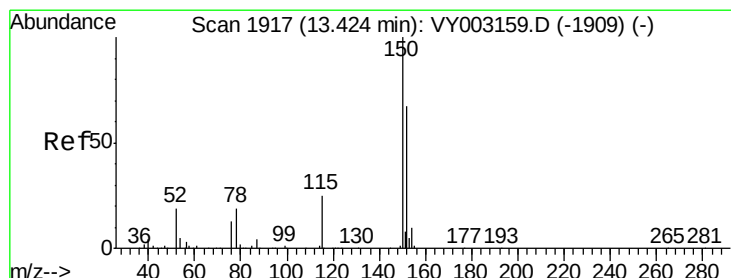
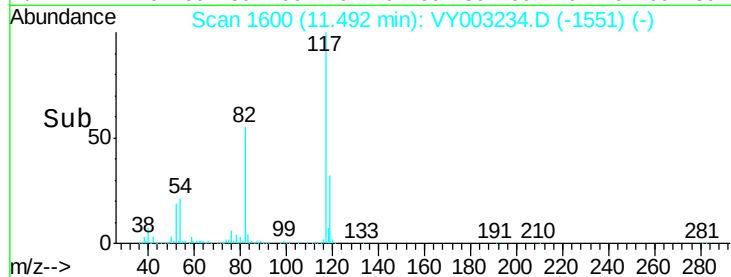
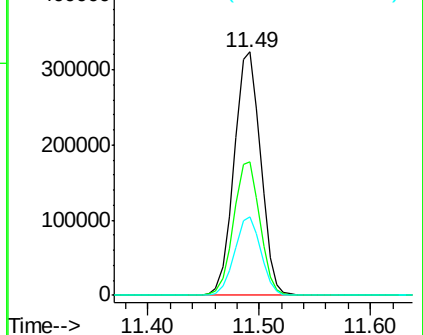
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003234.D
Acq: 20 Jul 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
2RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.0	63.0
119	32.2	25.5	38.3

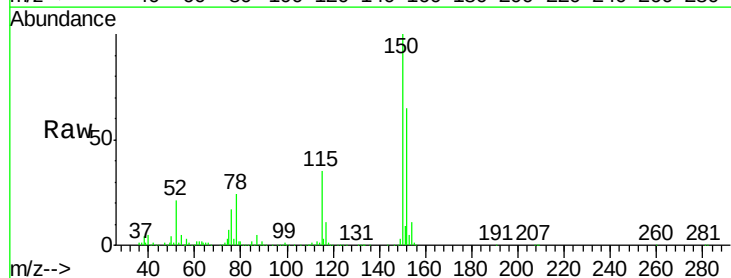


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003234.D
Acq: 20 Jul 2020 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.7
150	155.9	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

