

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003350.D
 Acq On : 24 Jul 2020 22:26
 Operator : SY/MD
 Sample : L3436-18
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18

Quant Time: Jul 25 06:45:09 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

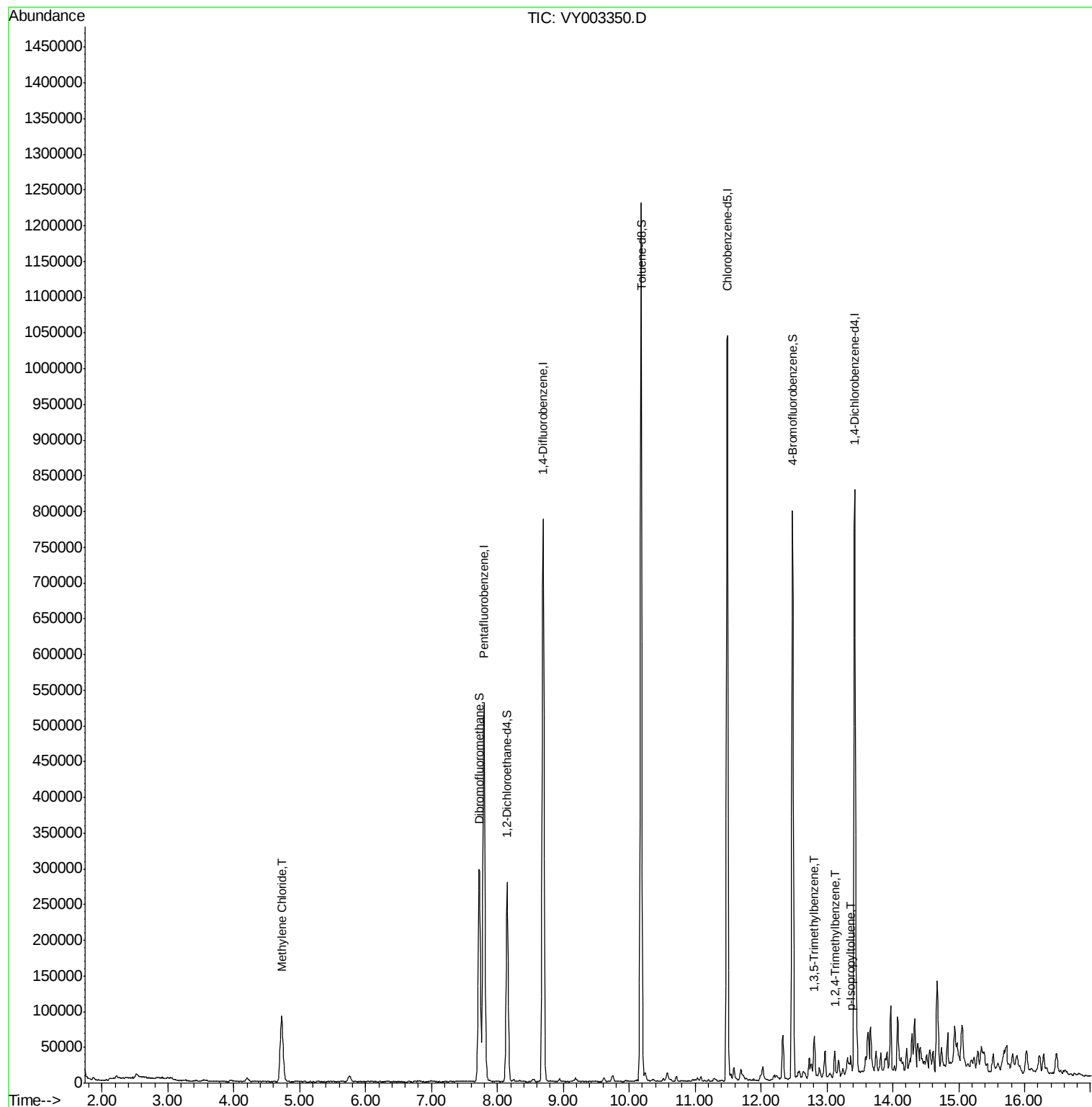
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	441289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	683377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	587114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	213030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	214993	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.72	113	210323	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
50) Toluene-d8	10.18	98	810443	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.48	95	225128	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
Target Compounds						
20) Methylene Chloride	4.72	84	72228	13.211	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	22855	2.020	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	19433	1.707	ug/l	95
86) p-Isopropyltoluene	13.36	119	13754	1.073	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
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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: VY003350.D

Acq: 24 Jul 2020 22:26

Instrument :

MSVOA_Y

ClientSampleId :

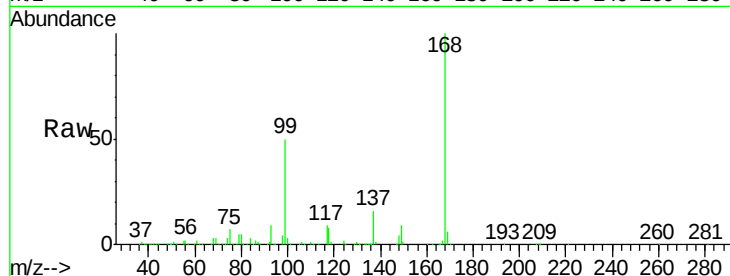
18

Tot Ion:168 Resp: 441289

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003350.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003350.D (-945) (-)

7.80

200000

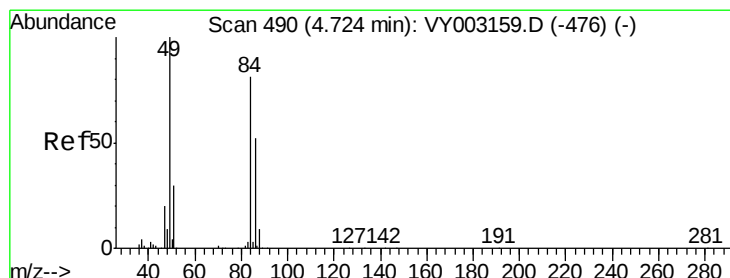
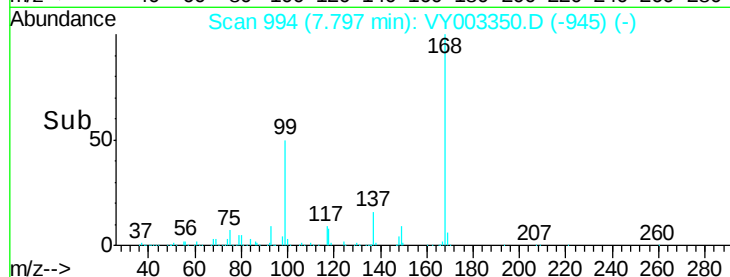
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.211 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003350.D

Acq: 24 Jul 2020 22:26

Tgt Ion: 84 Resp: 72228

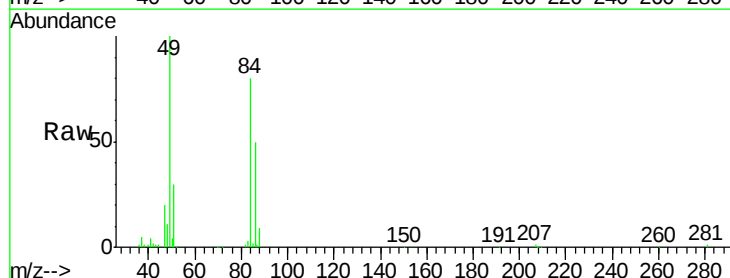
Ion Ratio Lower Upper

84 100

49 124.3 98.2 147.4

51 36.7 29.8 44.6

86 62.2 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003350.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003350.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003350.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003350.D (-441) (-)

4.72

40000

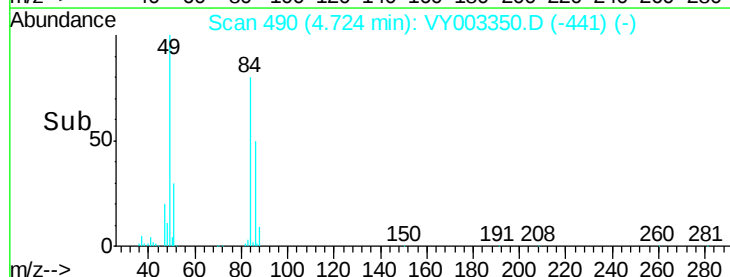
30000

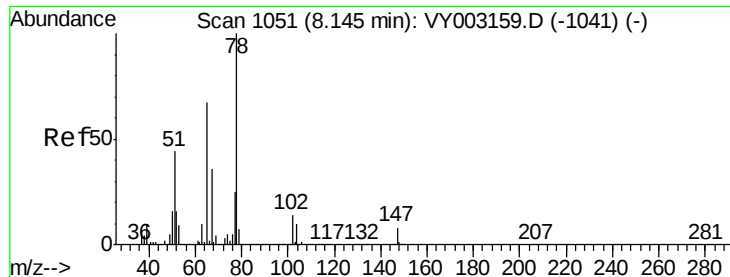
20000

10000

0

Time-->

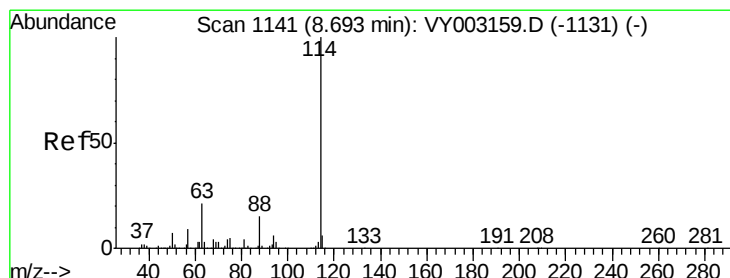
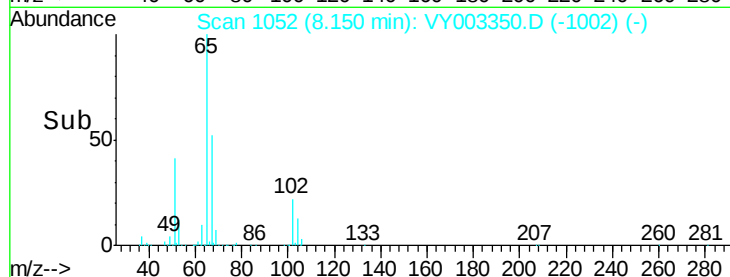
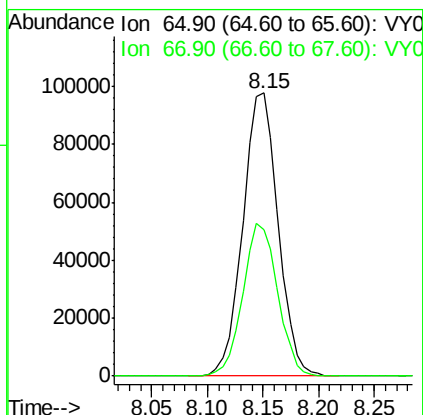
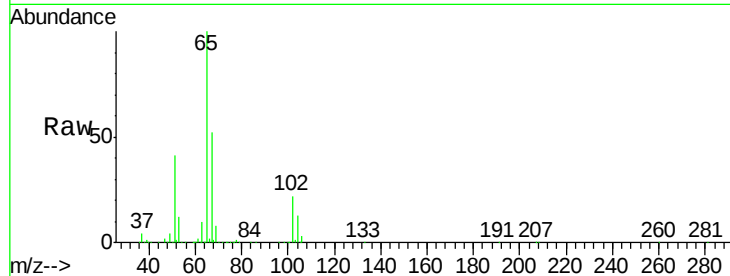




#33
 1,2-Dichloroethane-d4
 Concen: 57.722 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003350.D
 Acq: 24 Jul 2020 22:26

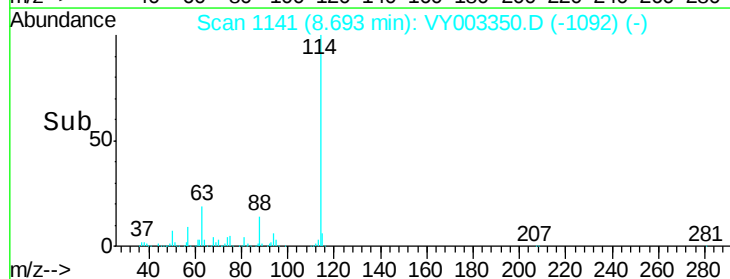
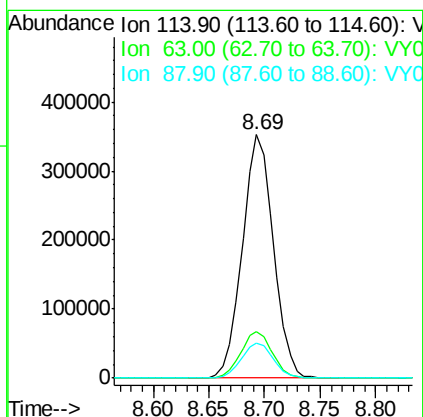
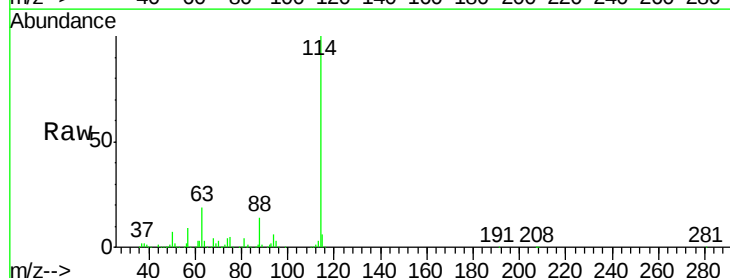
Instrument :
 MSVOA_Y
 ClientSampled :
 18

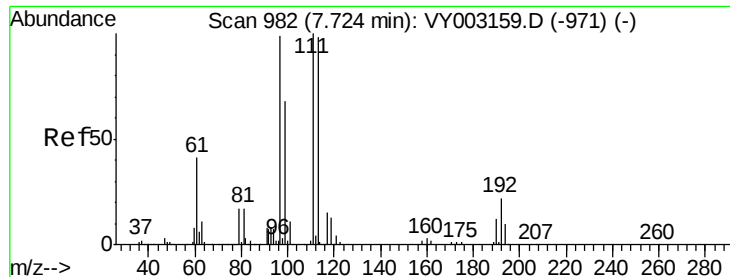
Tot Ion: 65 Resp: 214993
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003350.D
 Acq: 24 Jul 2020 22:26

Tgt Ion: 114 Resp: 683377
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 14.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.481 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003350.D

Acq: 24 Jul 2020 22:26

Instrument :

MSVOA_Y

ClientSampleId :

18

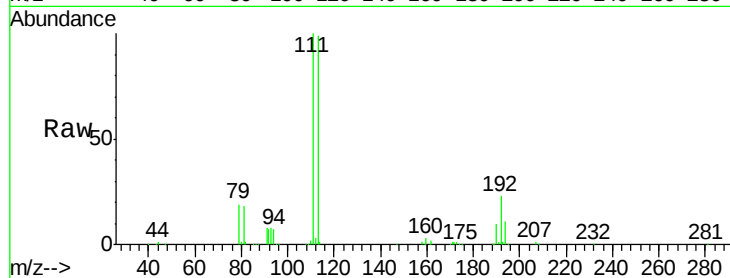
Tot Ion:113 Resp: 210323

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

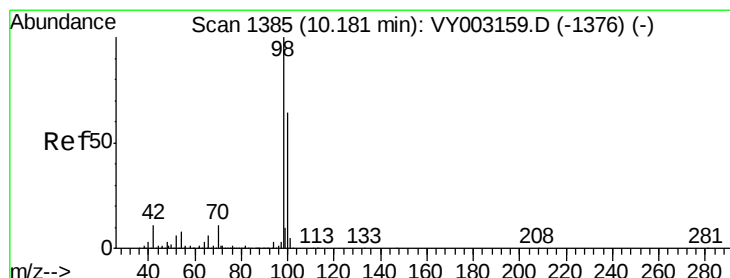
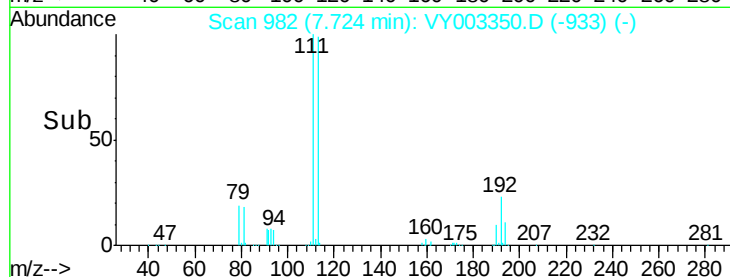
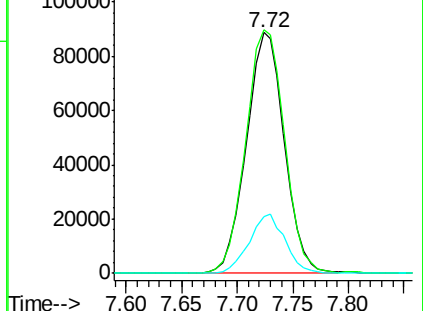
192 23.2 18.8 28.2



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: 55.430 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003350.D

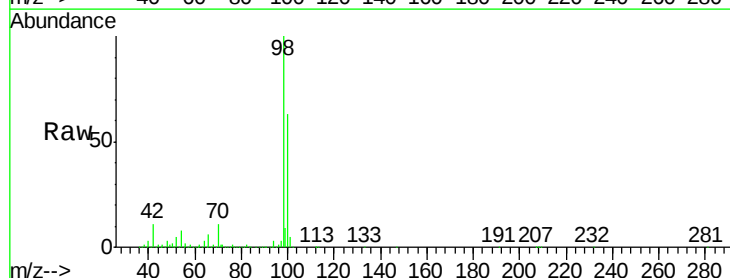
Acq: 24 Jul 2020 22:26

Tgt Ion: 98 Resp: 810443

Ion Ratio Lower Upper

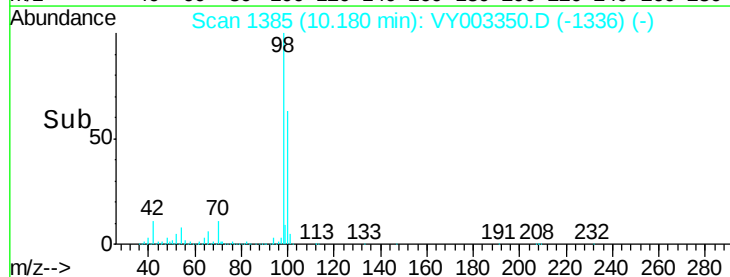
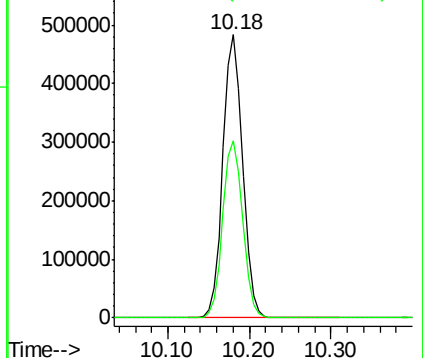
98 100

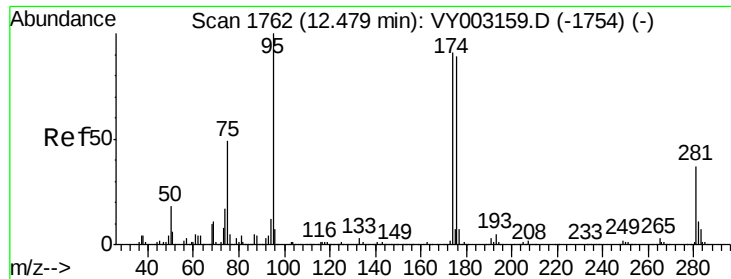
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

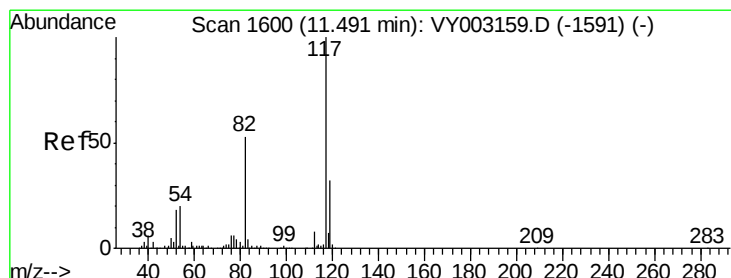
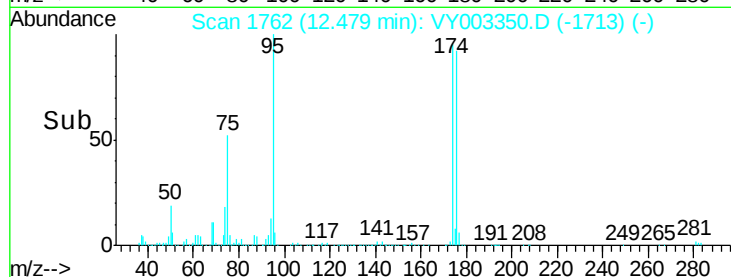
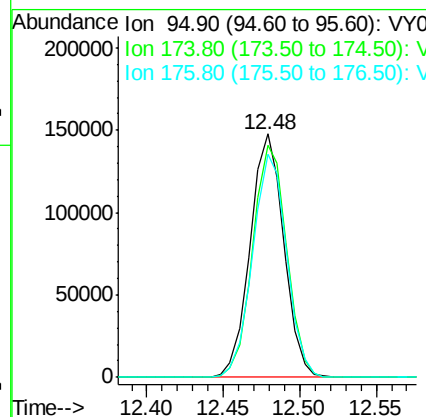
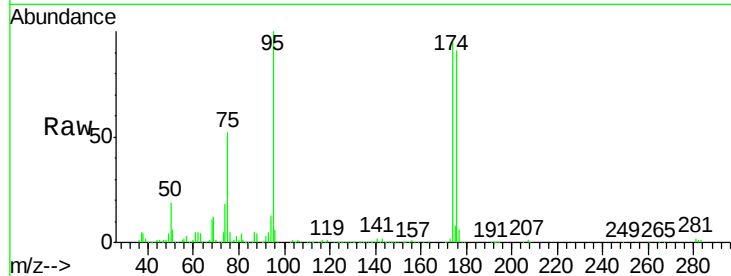




#62
4-Bromofluorobenzene
Concen: 42.622 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003350.D
Acq: 24 Jul 2020 22:26

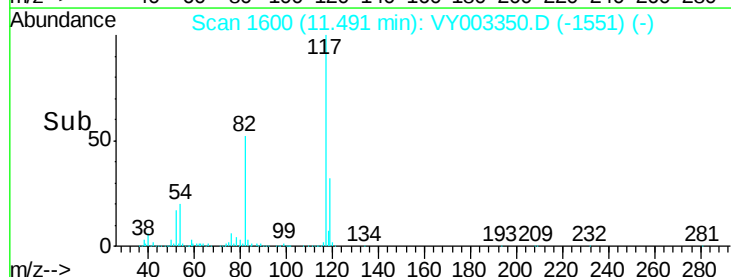
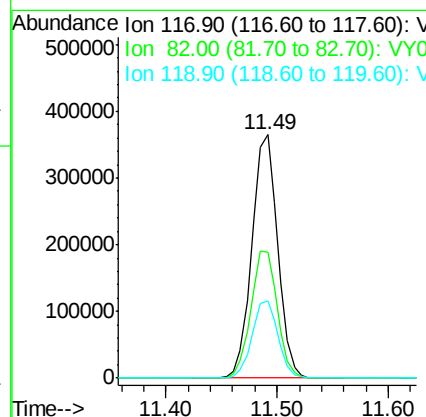
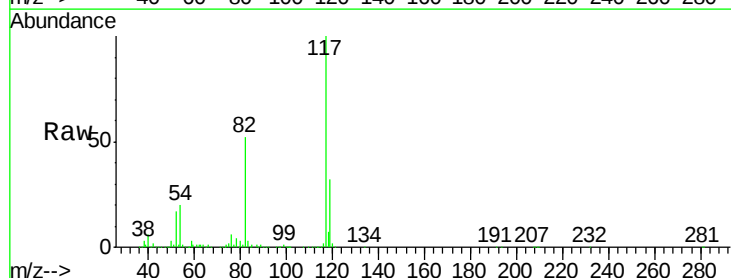
Instrument :
MSVOA_Y
ClientSampleId :
18

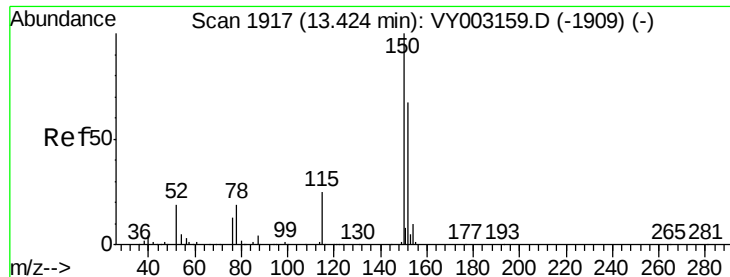
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	190.6
176	92.9	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003350.D
Acq: 24 Jul 2020 22:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.0	63.0
119	31.7	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: VY003350.D

Acq: 24 Jul 2020 22:26

Instrument :

MSVOA_Y

ClientSampleId :

18

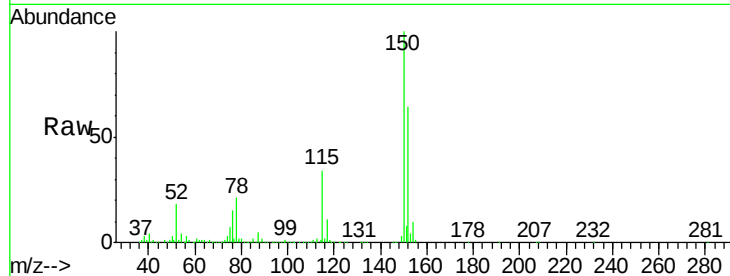
Tot Ion:152 Resp: 213030

Ion Ratio Lower Upper

152 100

115 55.1 26.9 80.7

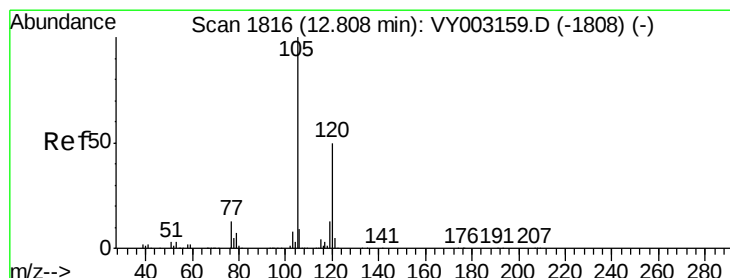
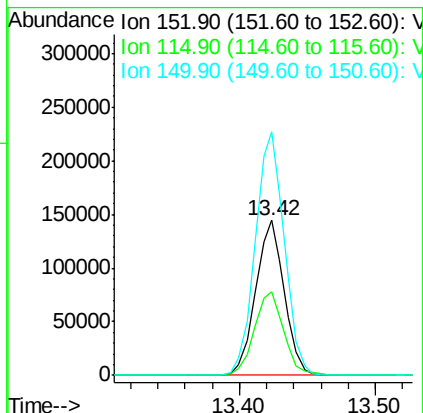
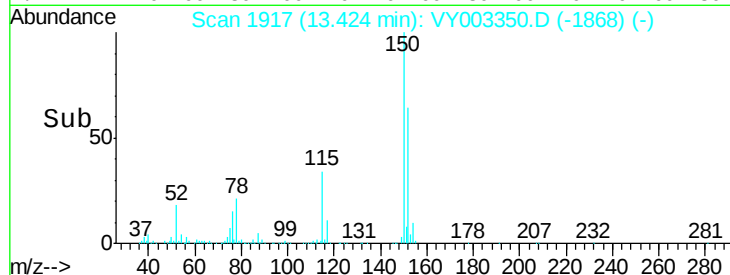
150 159.6 0.0 338.0



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



#80

1,3,5-Trimethylbenzene

Concen: 2.020 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003350.D

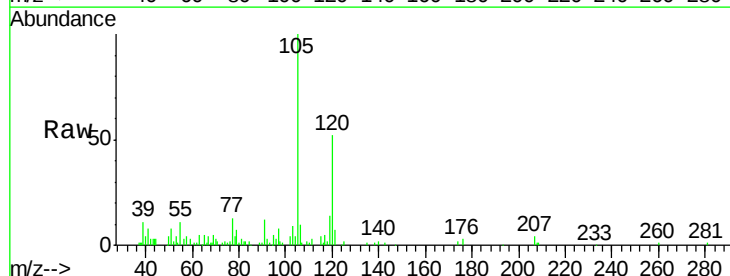
Acq: 24 Jul 2020 22:26

Tgt Ion:105 Resp: 22855

Ion Ratio Lower Upper

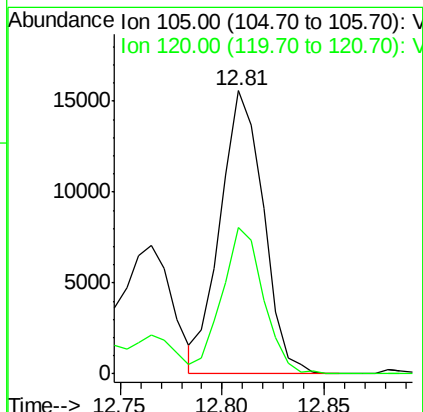
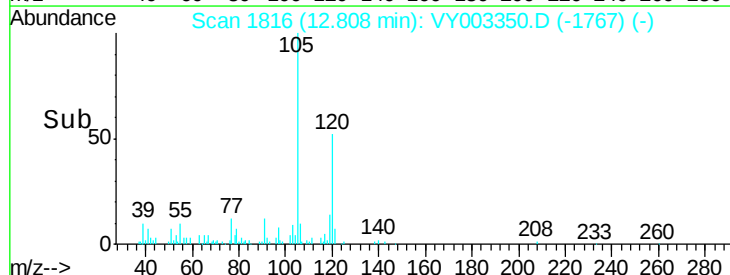
105 100

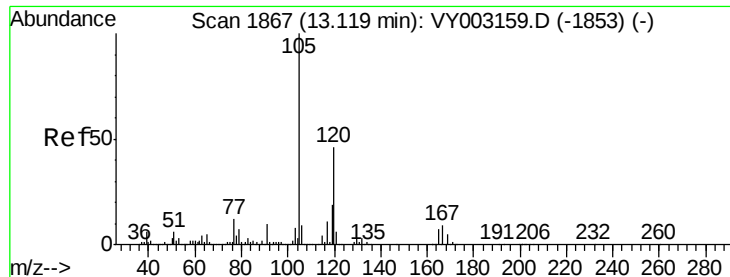
120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

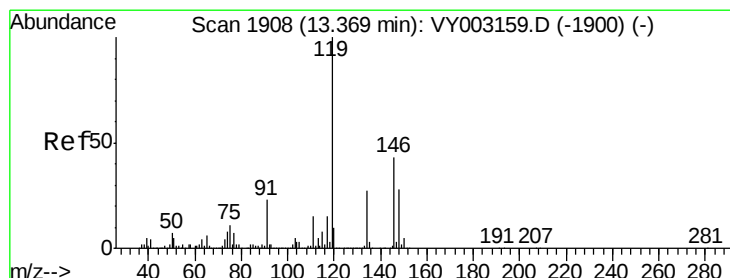
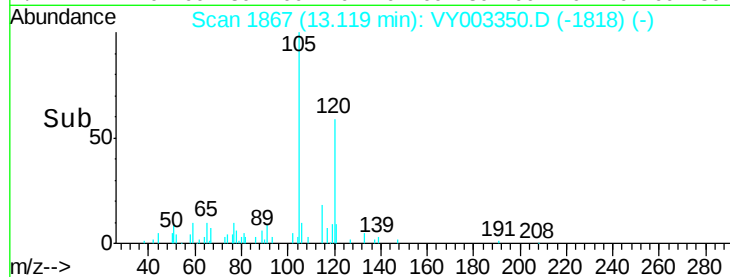
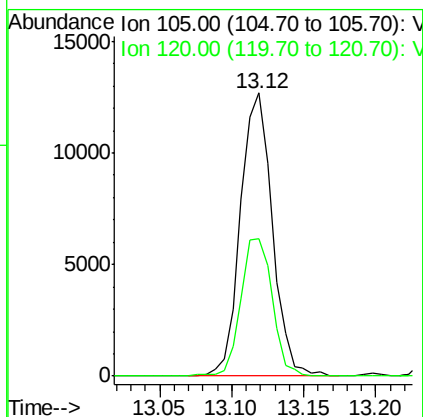
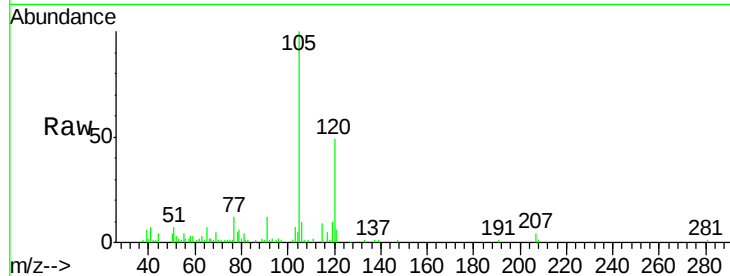




#84
 1,2,4-Trimethylbenzene
 Concen: 1.707 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003350.D
 Acq: 24 Jul 2020 22:26

Instrument :
 MSVOA_Y
 ClientSampled :
 18

Tot Ion:105 Resp: 19433
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 1.073 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003350.D
 Acq: 24 Jul 2020 22:26

Tgt Ion:119 Resp: 13754
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 24.5 11.2 33.6

