

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003346.D
 Acq On : 24 Jul 2020 20:50
 Operator : SY/MD
 Sample : L3436-14
 Misc : 6.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14

Quant Time: Jul 25 03:08:06 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

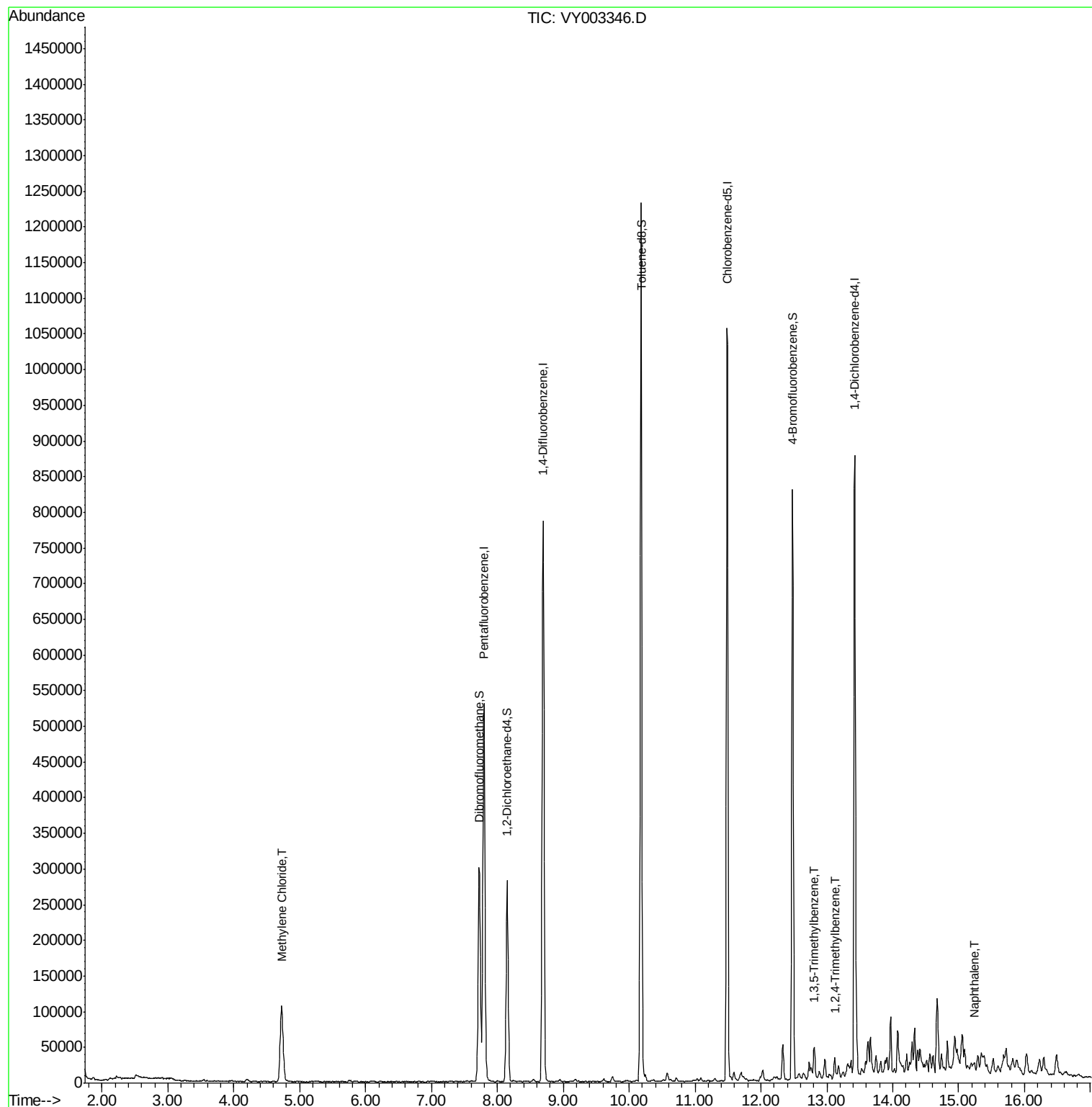
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	439511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	683735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	587232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	218079	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.58%	
35) Dibromofluoromethane	7.72	113	214536	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
50) Toluene-d8	10.18	98	801921	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.48	95	234815	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
20) Methylene Chloride	4.73	84	83303	16.274	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	18975	1.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	14923	1.197	ug/l	96
95) Naphthalene	15.23	128	7889	1.067	ug/l	94

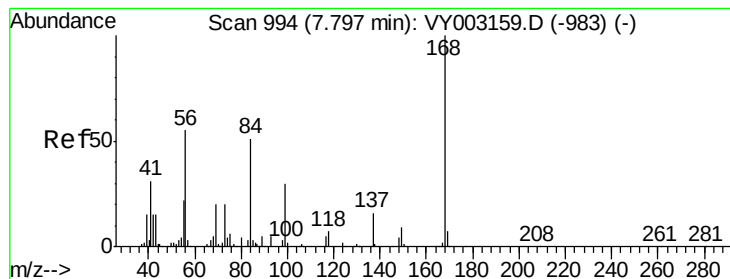
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

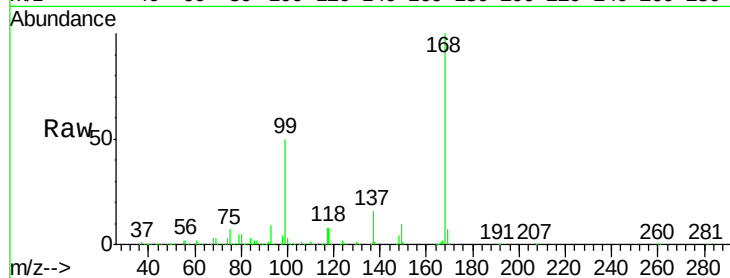
Instrument :
MSVOA_Y
ClientSampled :
14

Tot Ion:168 Resp: 439511

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003346.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003346.D (-945) (-)

7.80

200000

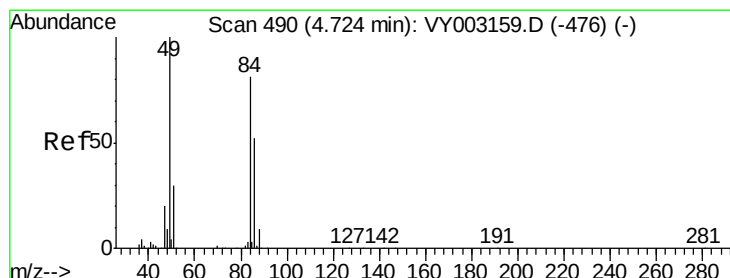
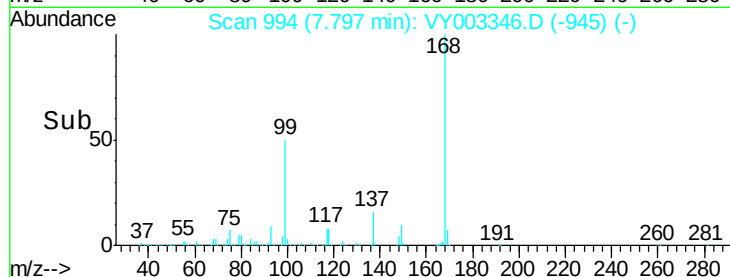
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 16.274 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

Tgt Ion: 84 Resp: 83303

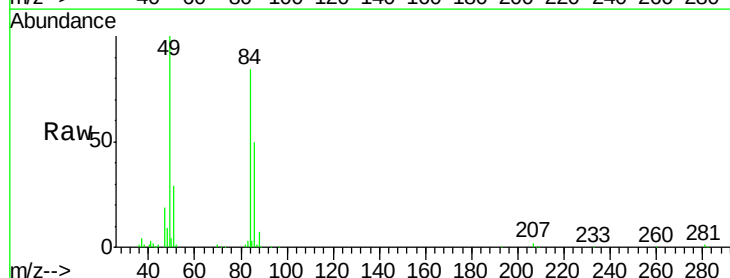
Ion Ratio Lower Upper

84 100

49 119.0 98.2 147.4

51 34.8 29.8 44.6

86 59.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003346.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003346.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003346.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003346.D (-441) (-)

4.73

50000

40000

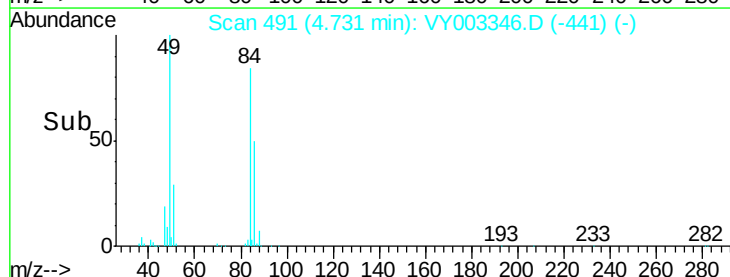
30000

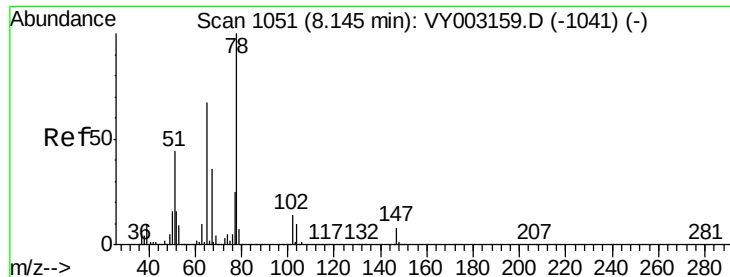
20000

10000

0

Time-->

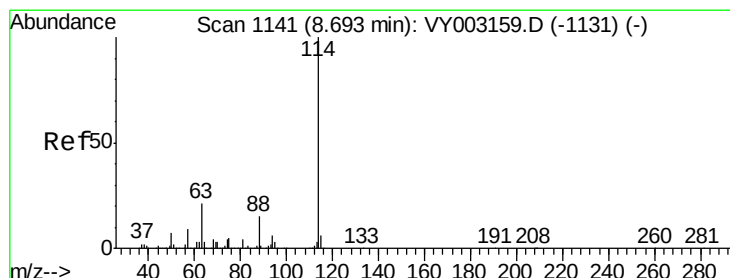
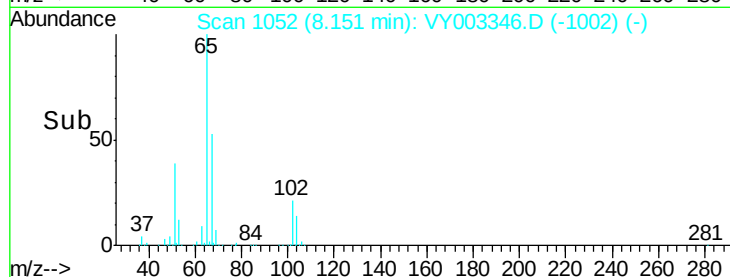
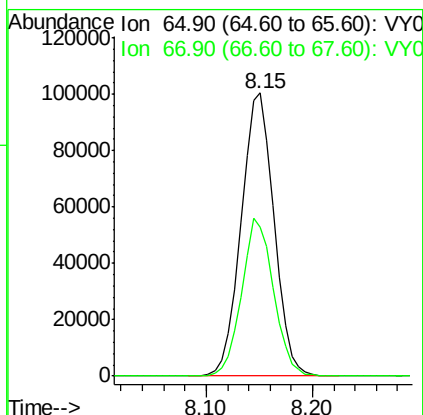
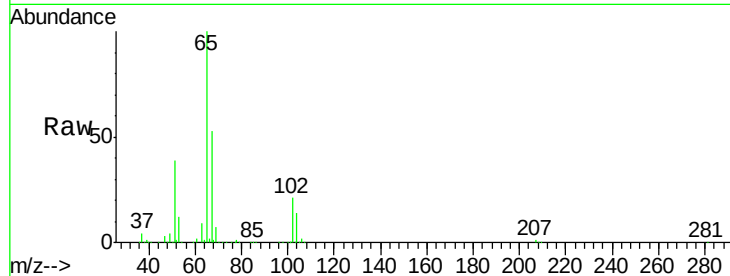




#33
 1,2-Dichloroethane-d4
 Concen: 58.787 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

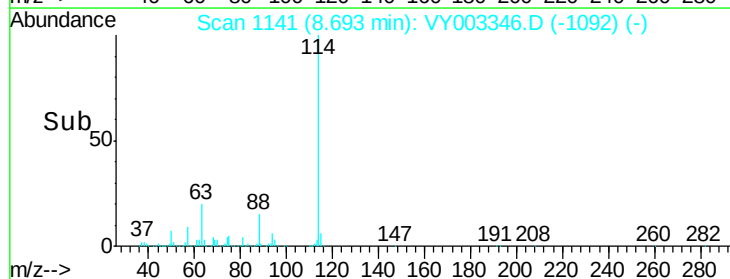
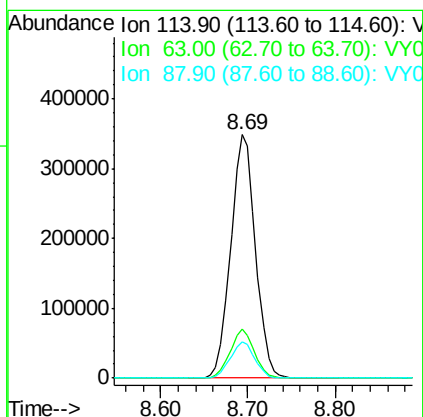
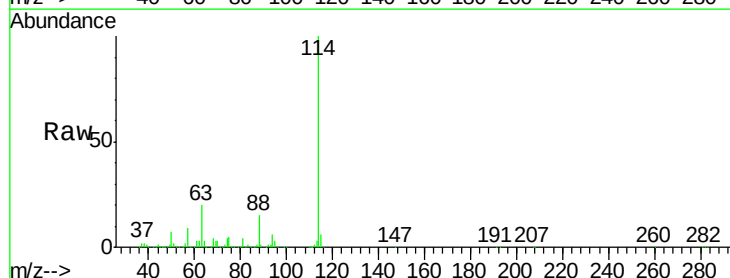
Instrument :
 MSVOA_Y
 ClientSampled :
 14

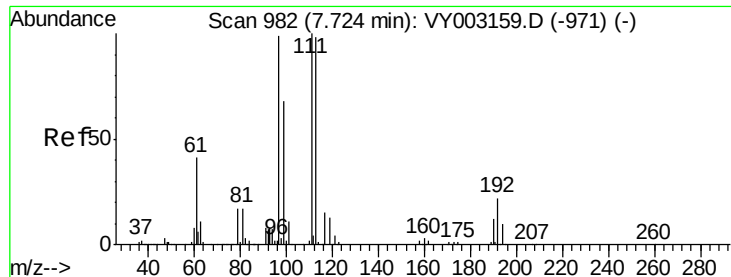
Tot Ion: 65 Resp: 218079
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion: 114 Resp: 683735
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.0 0.0 30.2

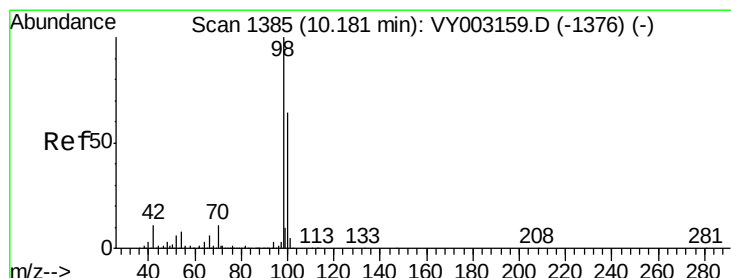
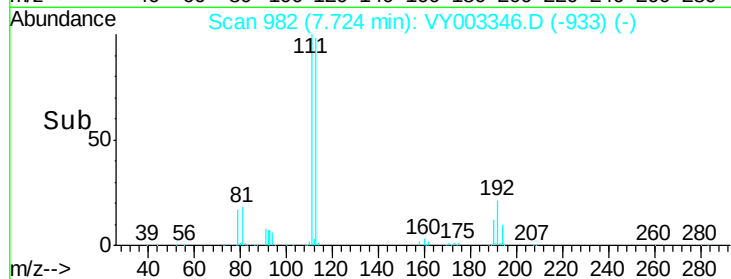
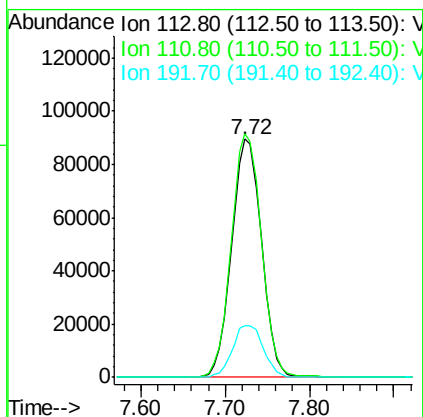
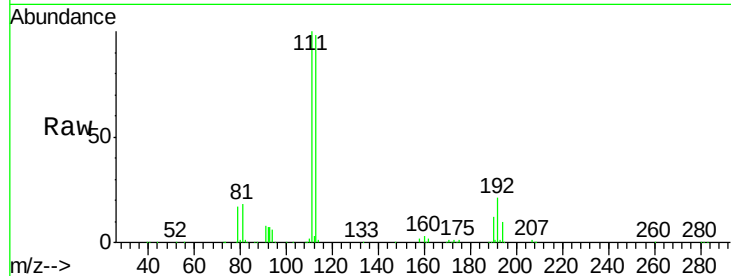




#35
Dibromofluoromethane
Concen: 54.524 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

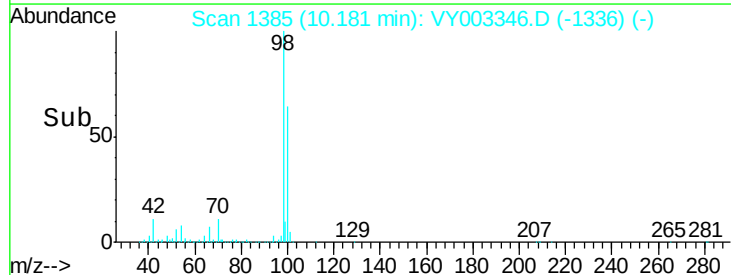
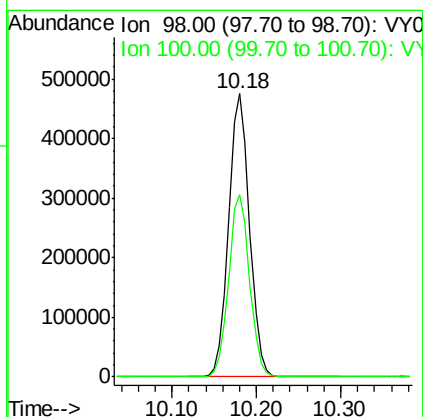
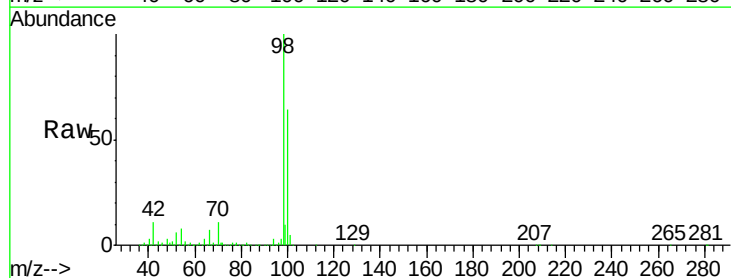
Instrument :
MSVOA_Y
ClientSampleId :
14

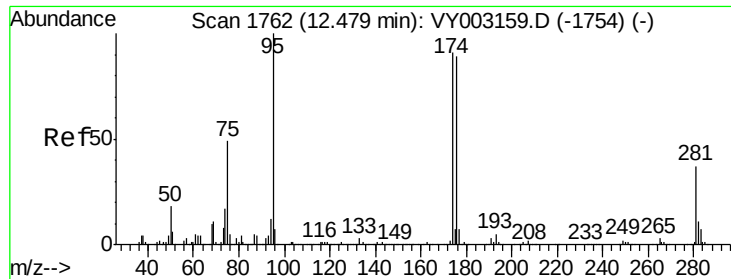
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	22.5	18.8	28.2



#50
Toluene-d8
Concen: 54.818 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 44.432 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

14

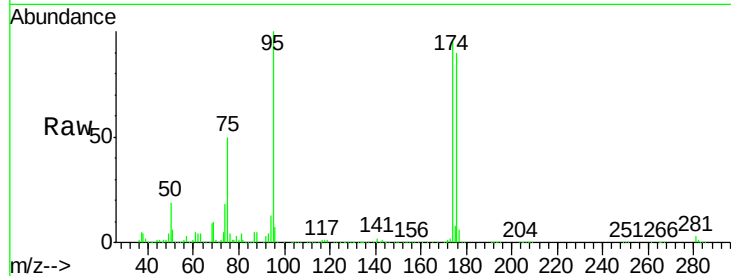
Tot Ion: 95 Resp: 234815

Ion Ratio Lower Upper

95 100

174 95.5 0.0 190.6

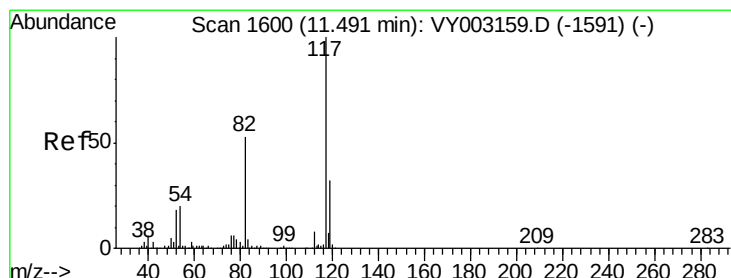
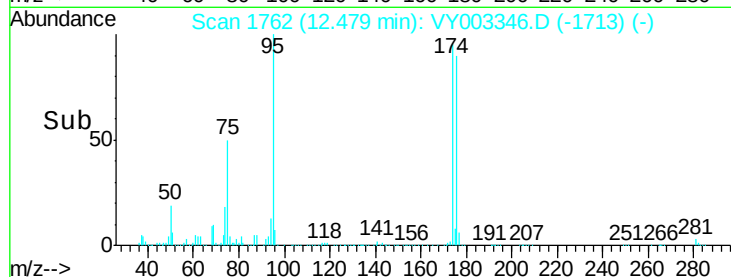
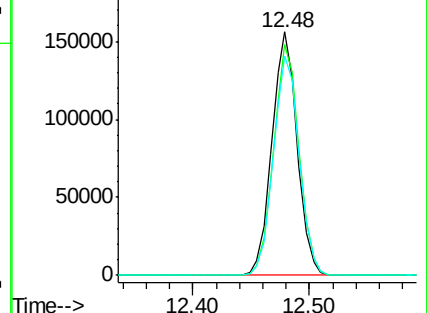
176 91.9 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003346.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003346.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003346.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

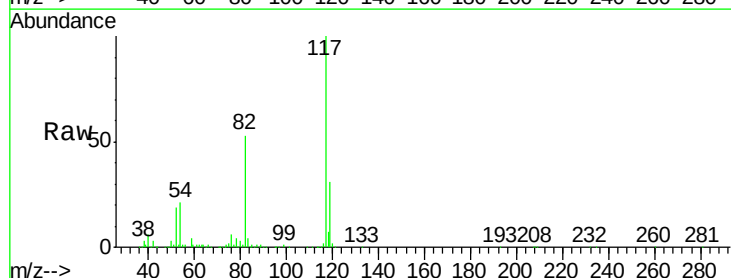
Tgt Ion: 117 Resp: 587232

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

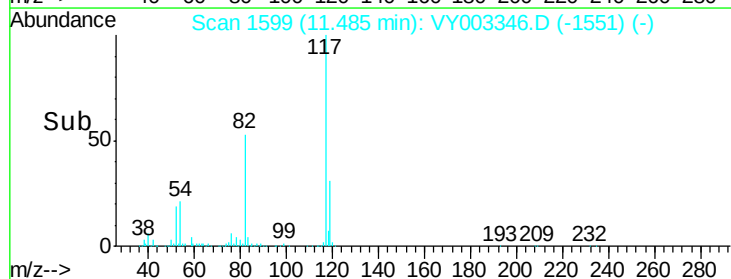
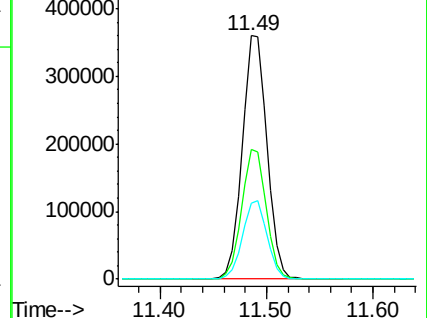
119 30.9 25.5 38.3

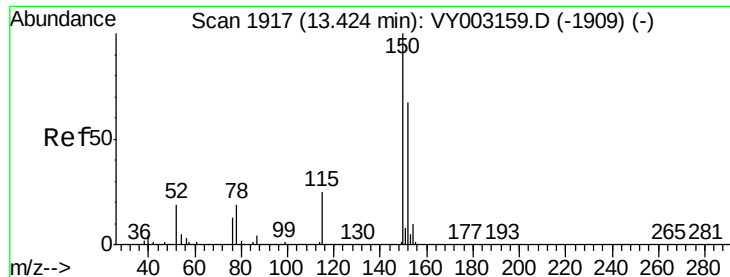


Abundance Ion 116.90 (116.60 to 117.60): VY003346.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003346.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003346.D (-1551) (-)



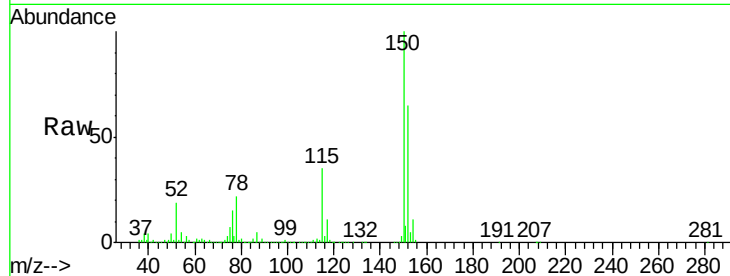


#72

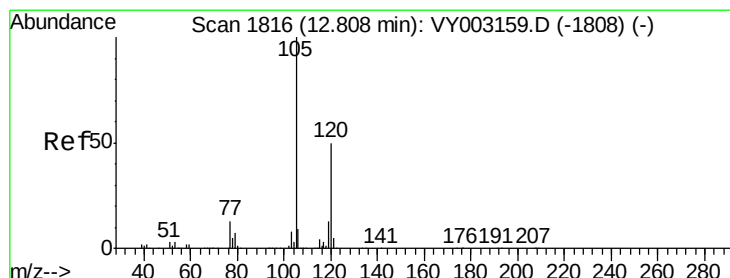
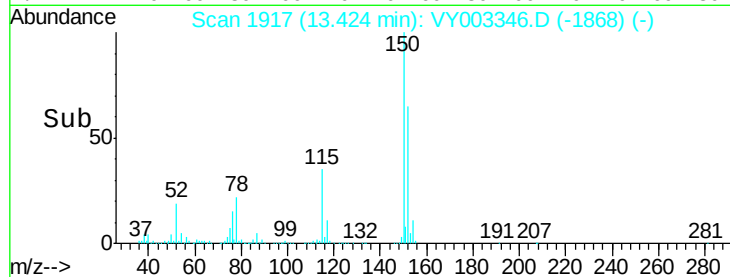
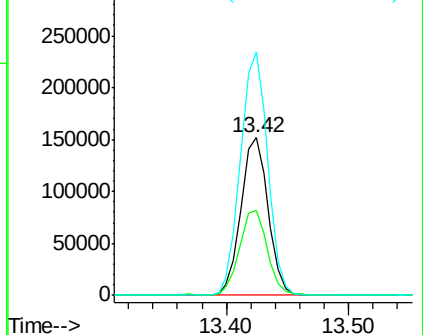
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

Instrument :
MSVOA_Y
ClientSampled :
14

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.7
150	154.8	0.0	338.0



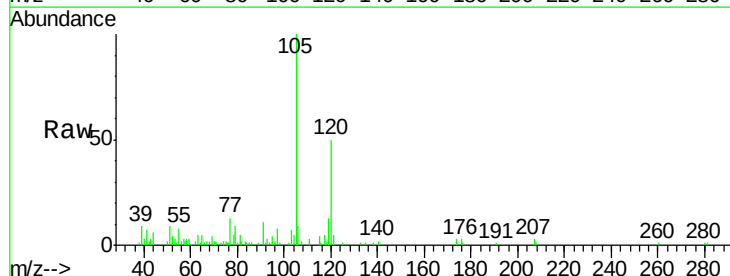
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



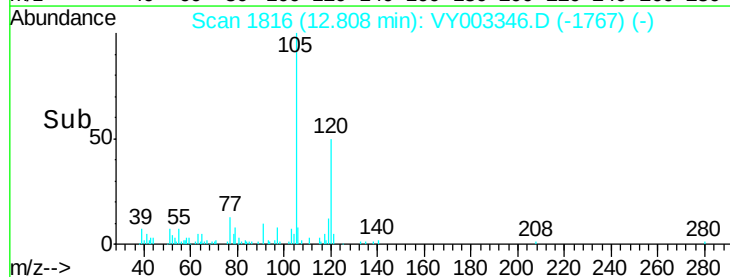
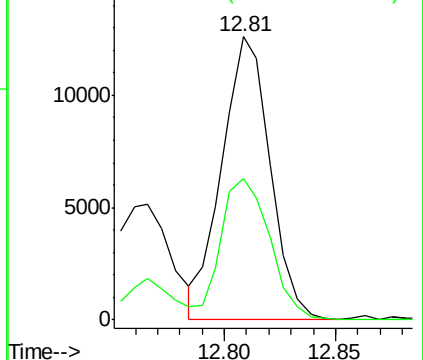
#80

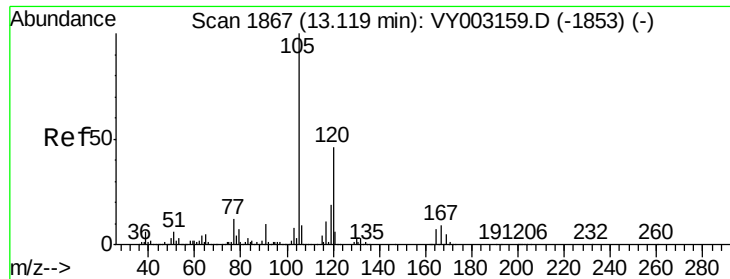
1,3,5-Trimethylbenzene
Concen: 1.531 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.9	74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

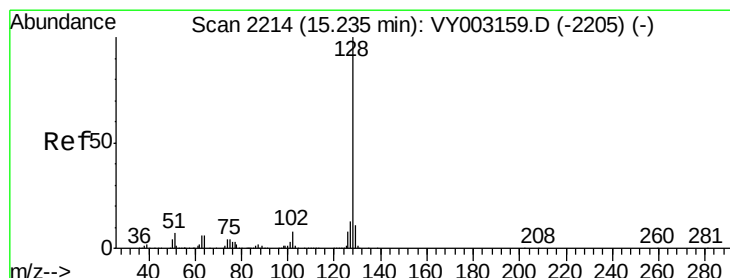
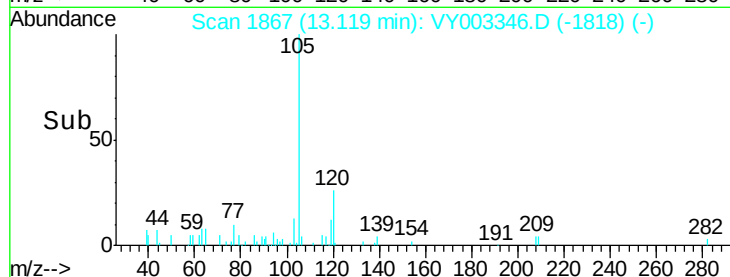
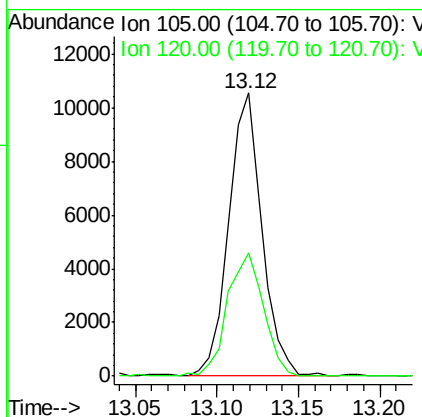
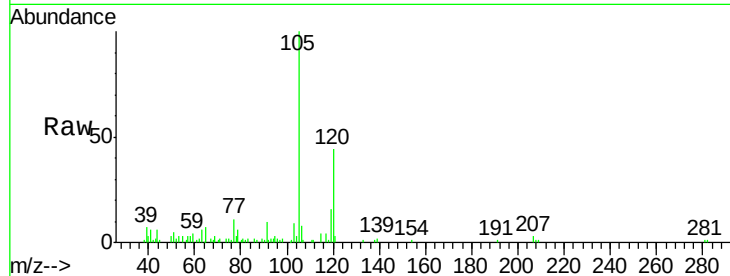




#84
 1,2,4-Trimethylbenzene
 Concen: 1.197 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 14

Tot Ion:105 Resp: 14923
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.5 67.5



#95
 Naphthalene
 Concen: 1.067 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion:128 Resp: 7889
 Ion Ratio Lower Upper
 128 100
 127 16.3 10.9 16.3
 129 12.9 9.0 13.6

