

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003246.D
 Acq On : 20 Jul 2020 20:48
 Operator : SY/MD
 Sample : L3308-20
 Misc : 5.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20

Quant Time: Jul 21 05:35:03 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

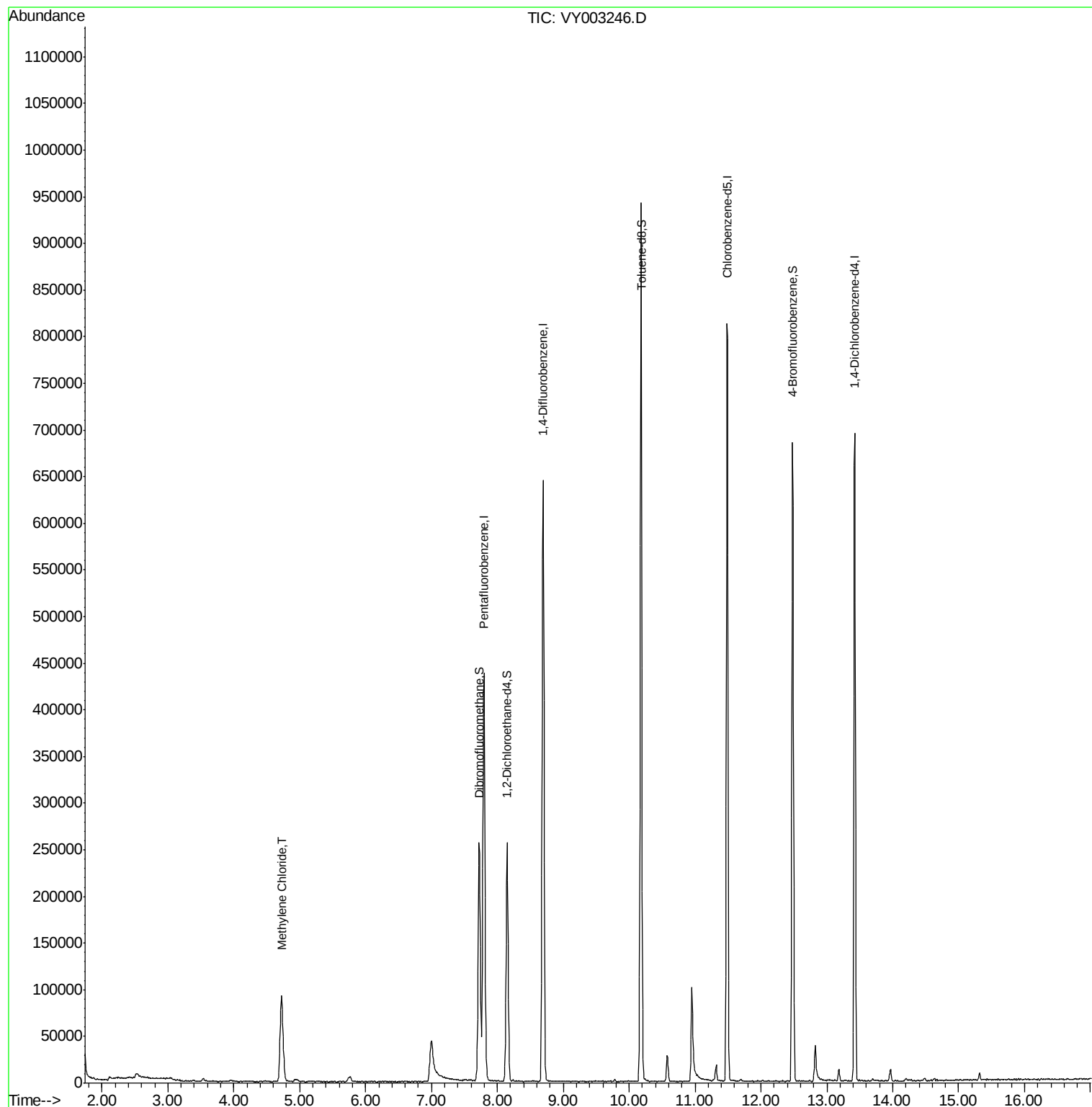
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	355064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	535760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	441890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	199348	66.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.04%	
35) Dibromofluoromethane	7.72	113	178692	57.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.92%	
50) Toluene-d8	10.18	98	600599	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.48	95	178436	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
20) Methylene Chloride	4.72	84	69261	16.929	ug/l	Qvalue 94

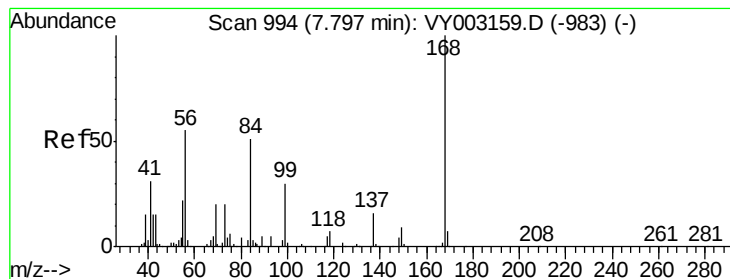
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003246.D

Acq: 20 Jul 2020 20:48

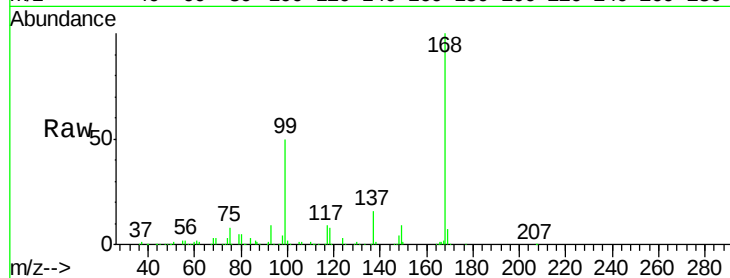
Instrument :
MSVOA_Y
ClientSampleId :
20

Tot Ion:168 Resp: 355064

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

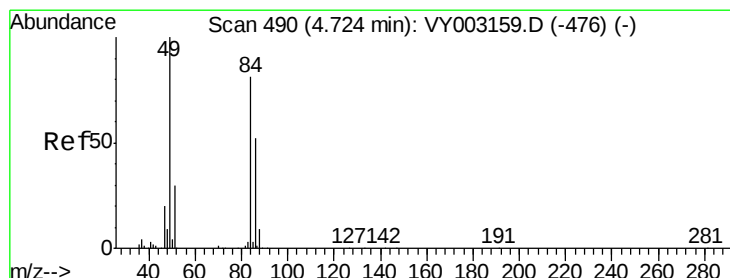
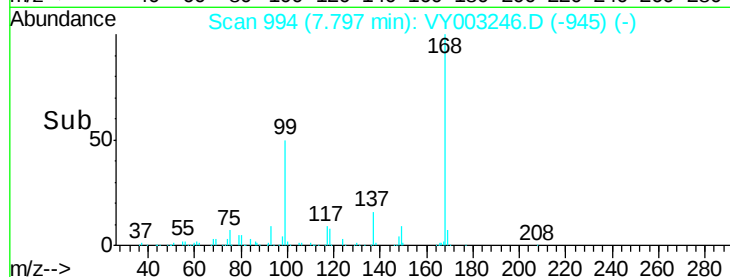
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 16.929 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003246.D

Acq: 20 Jul 2020 20:48

Tgt Ion: 84 Resp: 69261

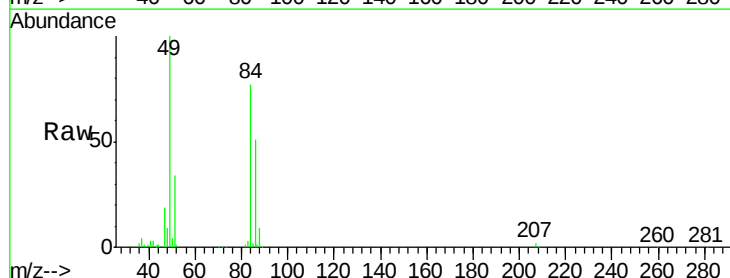
Ion Ratio Lower Upper

84 100

49 129.5 98.2 147.4

51 44.2 29.8 44.6

86 65.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003159.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003159.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003159.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003159.D (-476) (-)

40000

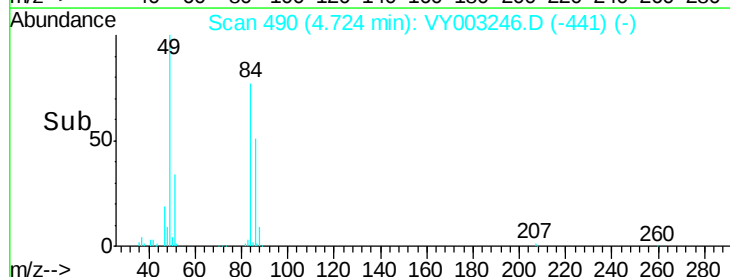
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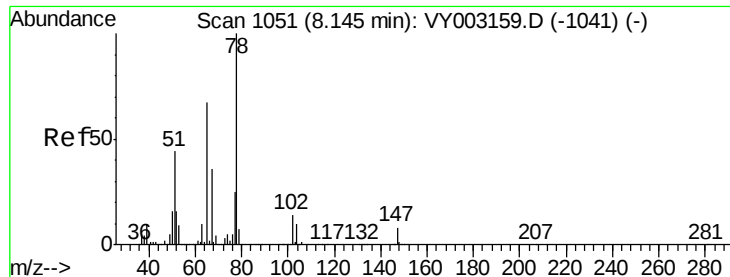
20000

10000

0

Time-->

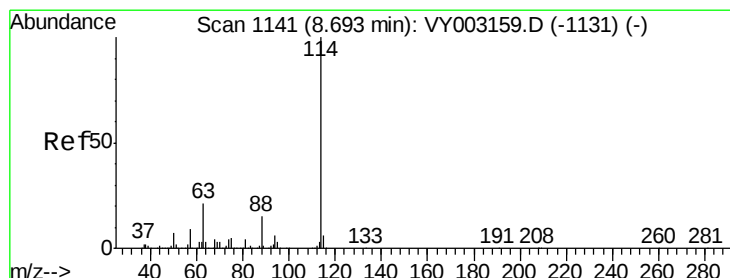
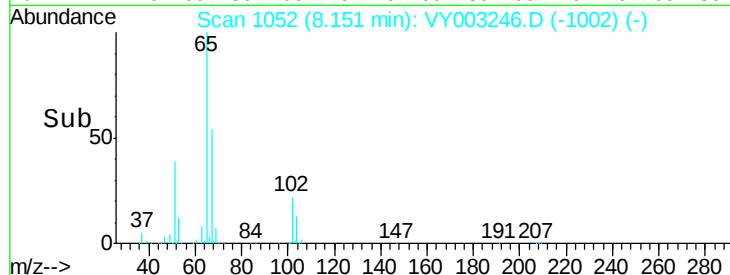
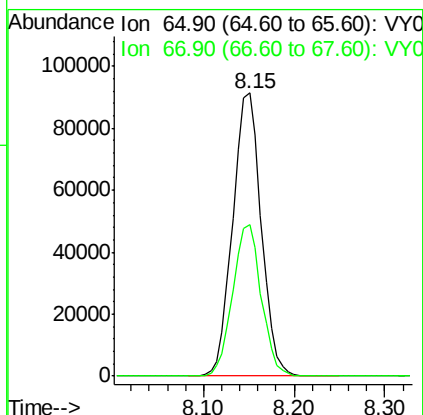
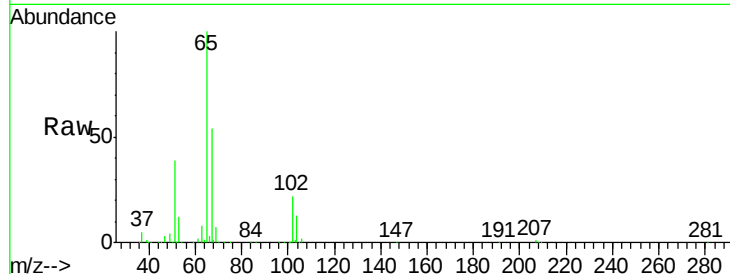




#33
 1,2-Dichloroethane-d4
 Concen: 66.519 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003246.D
 Acq: 20 Jul 2020 20:48

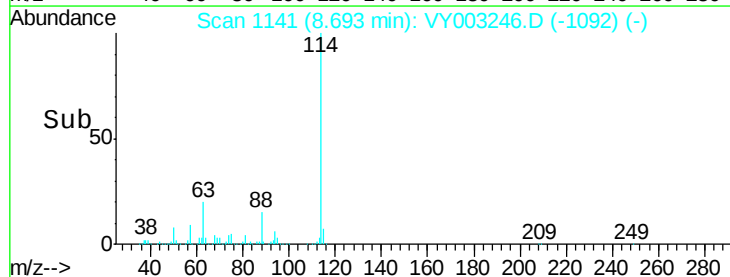
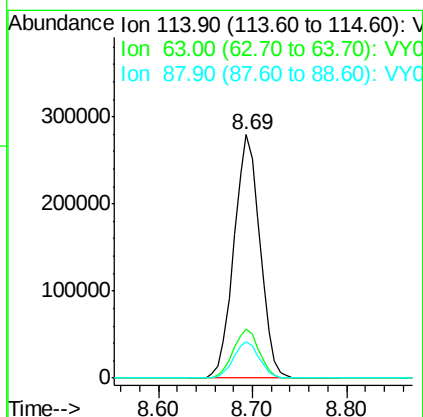
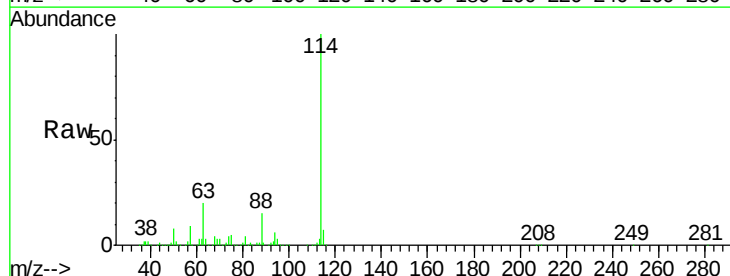
Instrument :
 MSVOA_Y
 ClientSampled :
 20

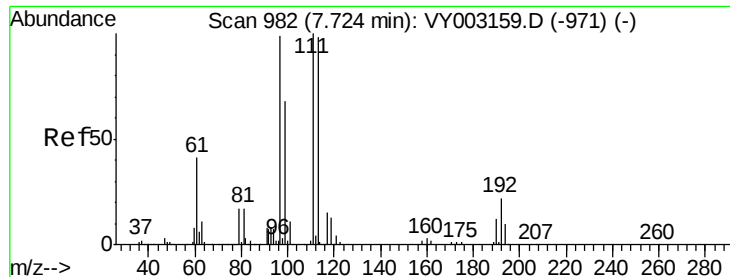
Tot Ion: 65 Resp: 199348
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003246.D
 Acq: 20 Jul 2020 20:48

Tgt Ion: 114 Resp: 535760
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 15.0 0.0 30.2

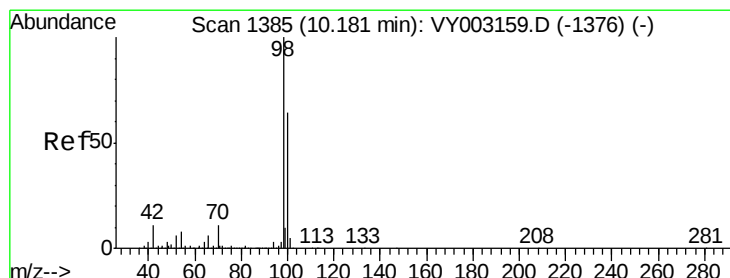
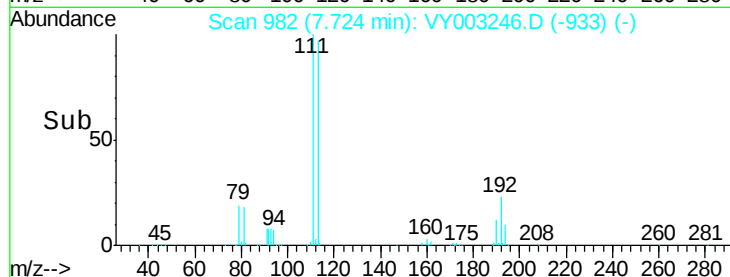
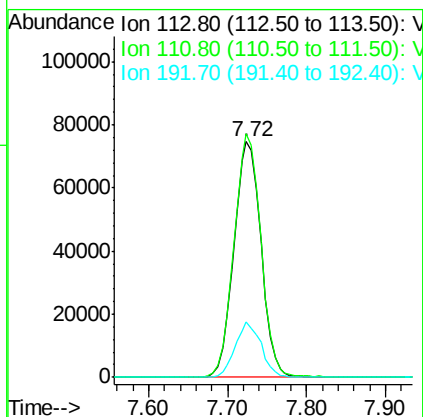
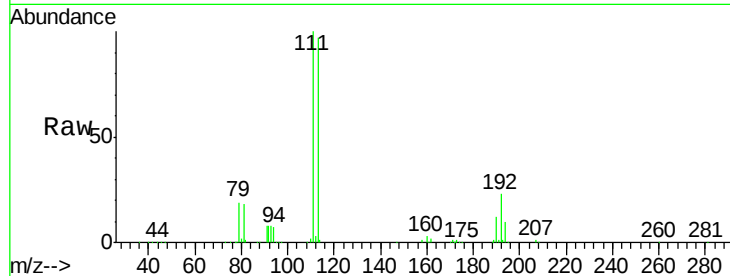




#35
Dibromofluoromethane
Concen: 57.957 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003246.D
Acq: 20 Jul 2020 20:48

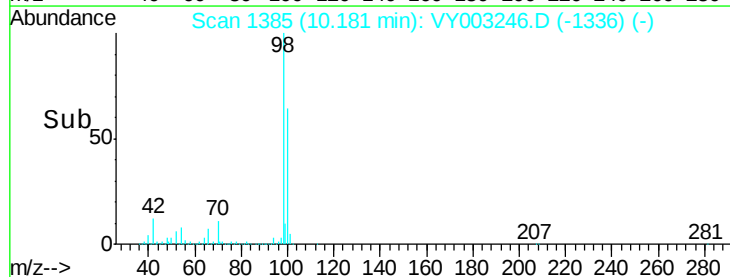
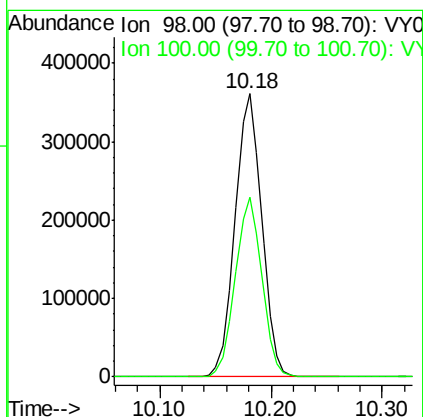
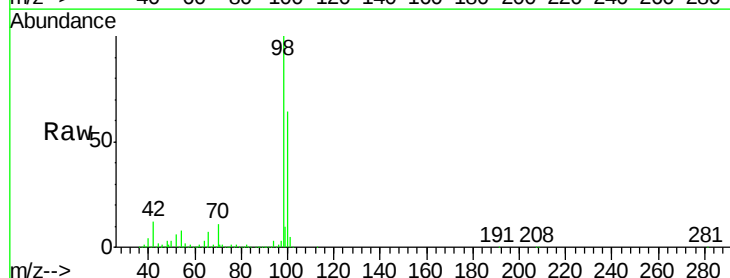
Instrument :
MSVOA_Y
ClientSampled :
20

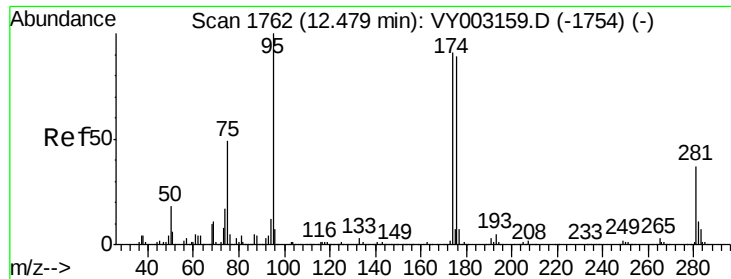
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	22.4	18.8	28.2



#50
Toluene-d8
Concen: 52.396 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003246.D
Acq: 20 Jul 2020 20:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1

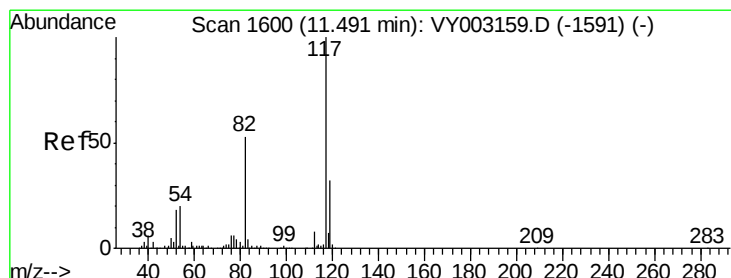
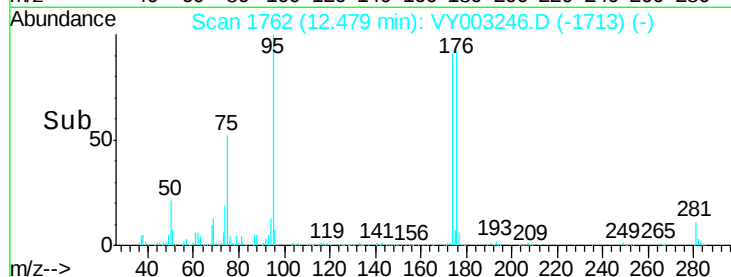
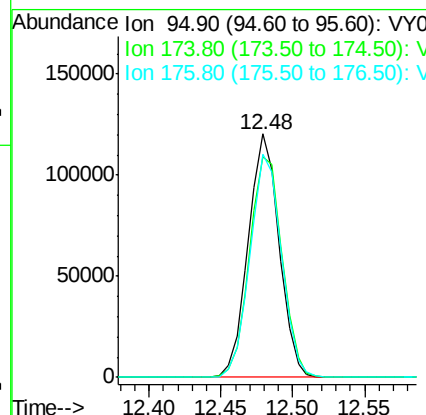
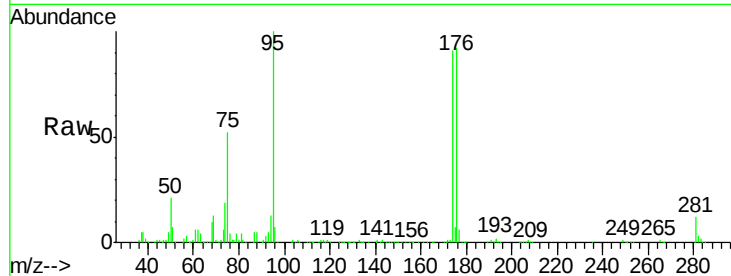




#62
4-Bromofluorobenzene
Concen: 43.090 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003246.D
Acq: 20 Jul 2020 20:48

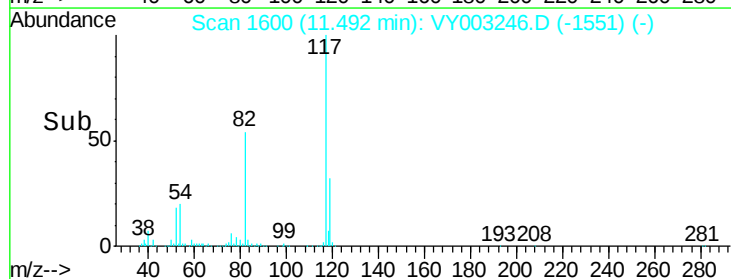
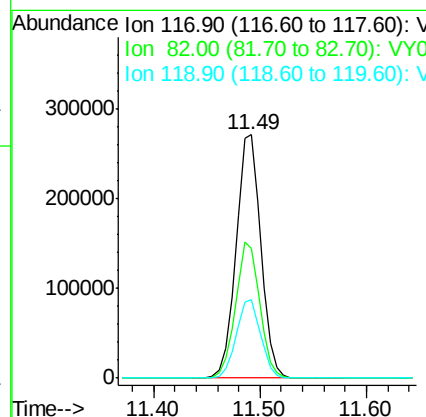
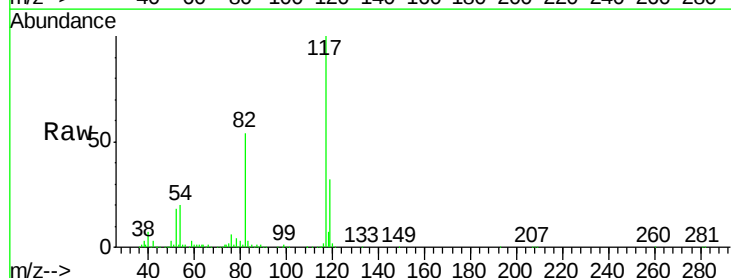
Instrument :
MSVOA_Y
ClientSampleId :
20

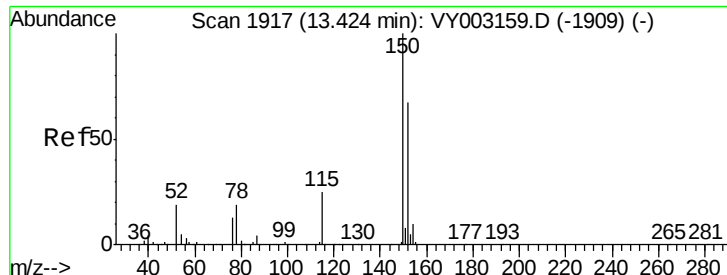
Tot Ion: 95 Resp: 178436
Ion Ratio Lower Upper
95 100
174 95.5 0.0 190.6
176 92.6 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003246.D
Acq: 20 Jul 2020 20:48

Tgt Ion: 117 Resp: 441890
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.0 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: VY003246.D

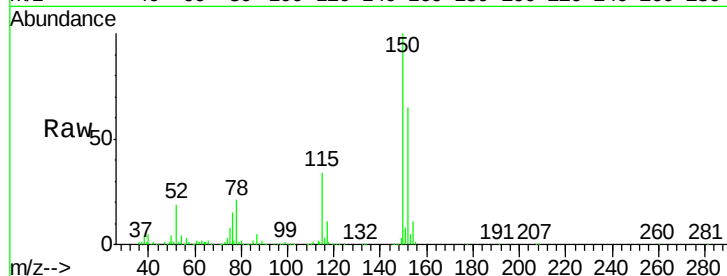
Acq: 20 Jul 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

20



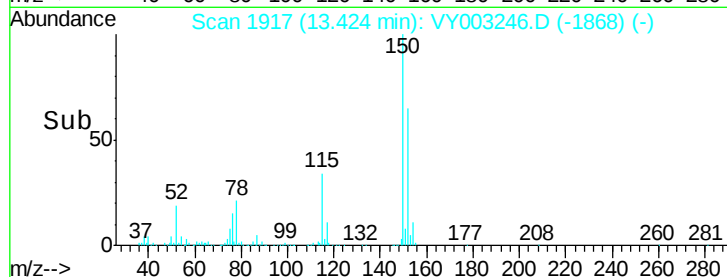
Tot Ion:152 Resp: 179125

Ion Ratio Lower Upper

152 100

115 54.9 26.9 80.7

150 156.6 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

250000

200000

150000

100000

50000

0

13.42

13.40

13.50

Time-->