

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003342.D
 Acq On : 24 Jul 2020 19:14
 Operator : SY/MD
 Sample : L3436-10
 Misc : 6.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10

Quant Time: Jul 25 02:47:16 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

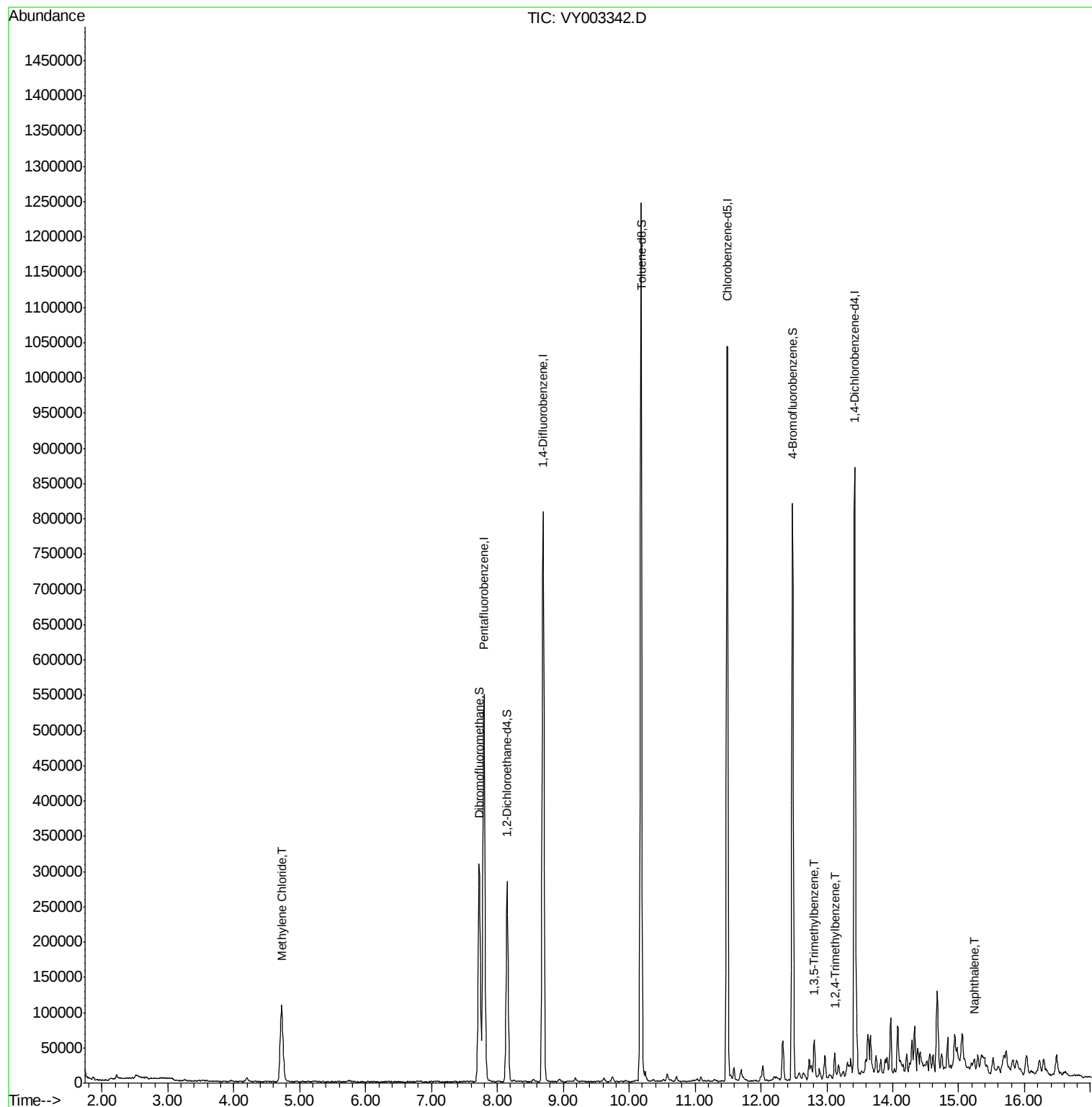
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	449896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	695734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	592418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	226574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	219527	57.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.62%	
35) Dibromofluoromethane	7.72	113	217025	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
50) Toluene-d8	10.18	98	818868	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
62) 4-Bromofluorobenzene	12.48	95	232590	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
Target Compounds						
20) Methylene Chloride	4.72	84	82320	15.497	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	23320	1.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	18615	1.537	ug/l	99
95) Naphthalene	15.23	128	11033	1.536	ug/l #	96

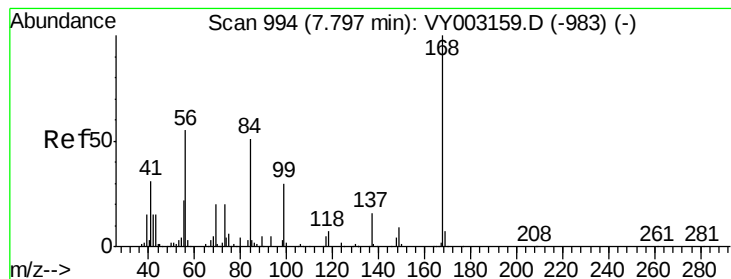
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VY003342.D

Acq: 24 Jul 2020 19:14

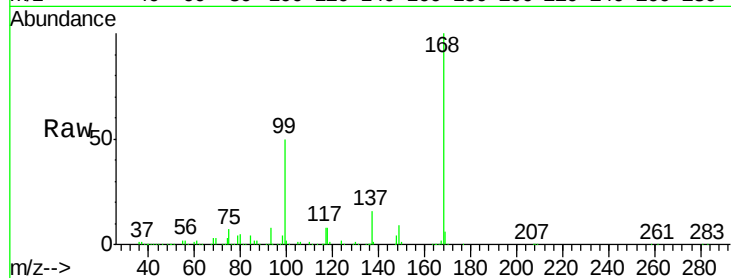
Instrument :
MSVOA_Y
ClientSampleId :
10

Tot Ion:168 Resp: 449896

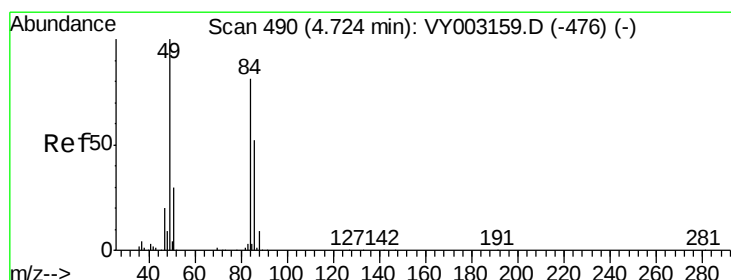
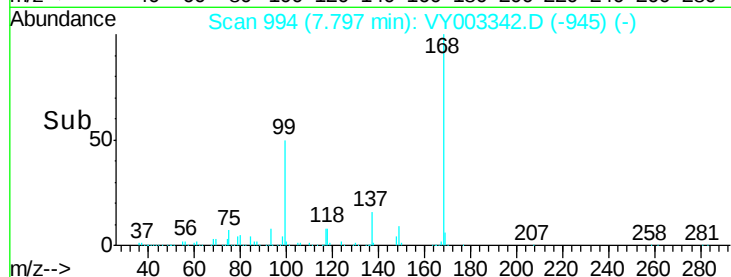
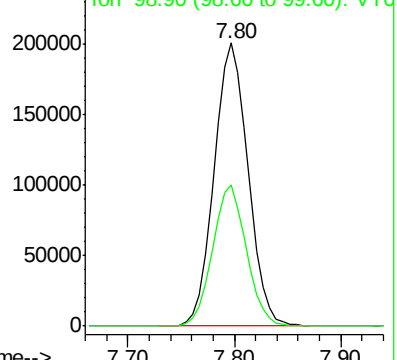
Ion Ratio Lower Upper

168 100

99 50.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003342.D (-945) (-)



#20

Methylene Chloride

Concen: 15.497 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003342.D

Acq: 24 Jul 2020 19:14

Tgt Ion: 84 Resp: 82320

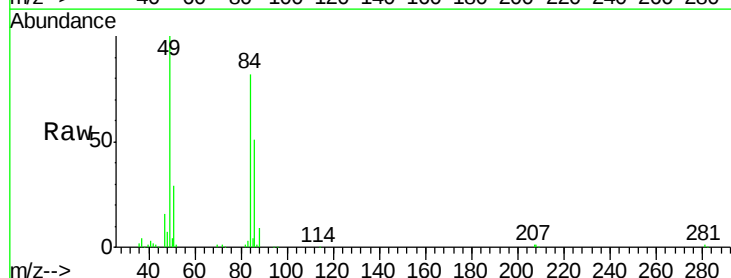
Ion Ratio Lower Upper

84 100

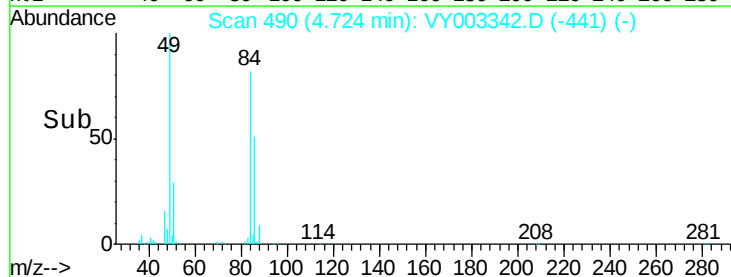
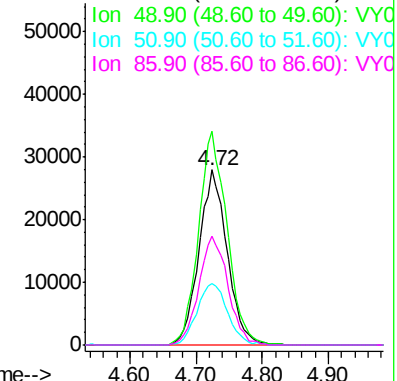
49 122.1 98.2 147.4

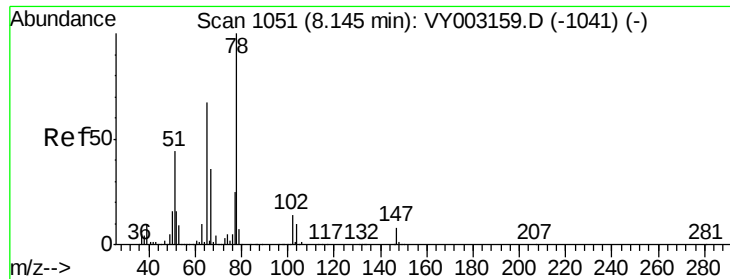
51 34.9 29.8 44.6

86 62.2 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003342.D (-441) (-)

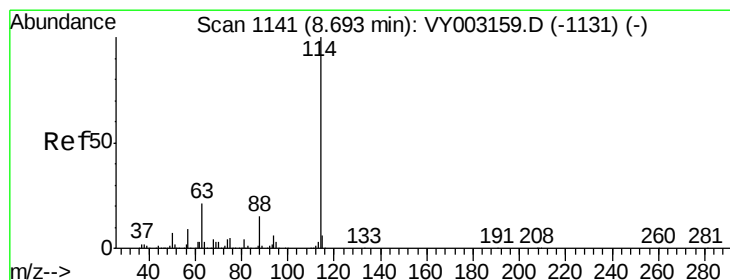
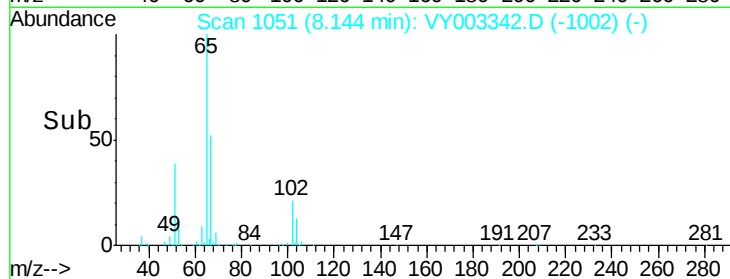
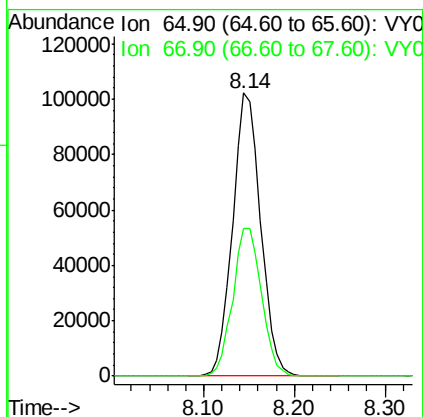
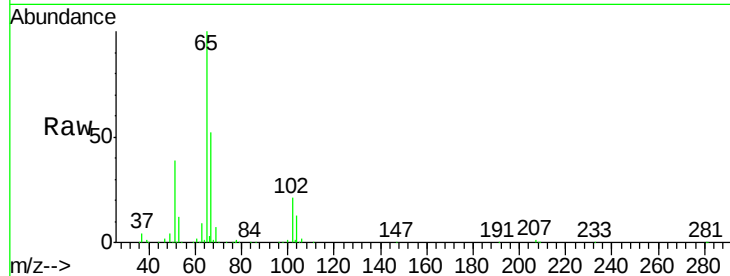




#33
 1,2-Dichloroethane-d4
 Concen: 57.812 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003342.D
 Acq: 24 Jul 2020 19:14

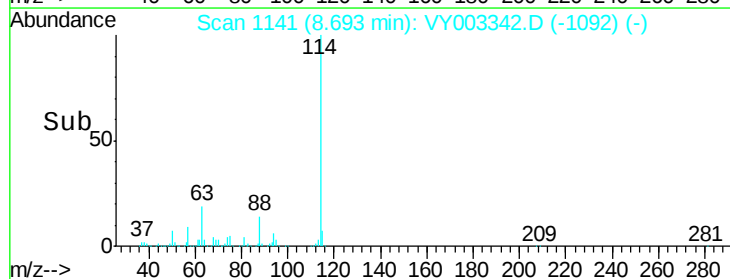
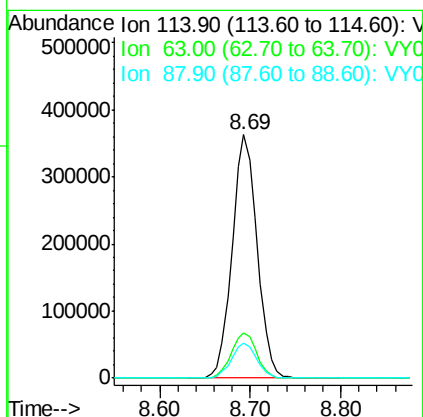
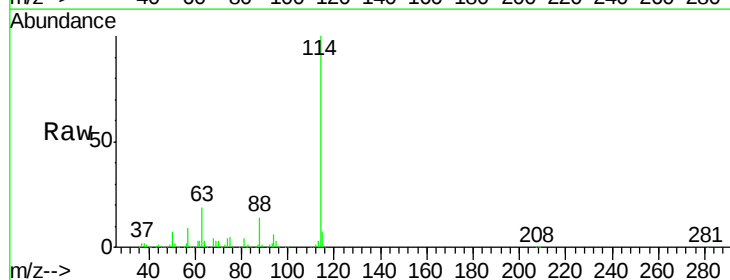
Instrument :
 MSVOA_Y
 ClientSampleId :
 10

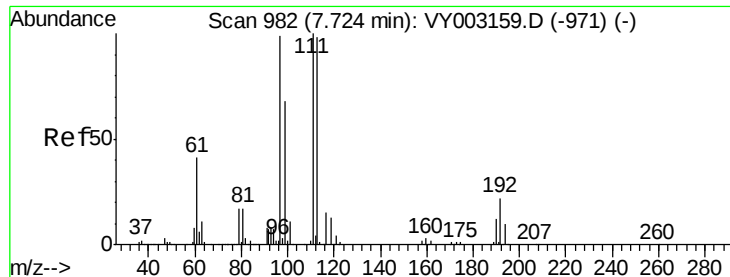
Tot Ion: 65 Resp: 219527
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003342.D
 Acq: 24 Jul 2020 19:14

Tgt Ion: 114 Resp: 695734
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.2
 88 14.4 0.0 30.2

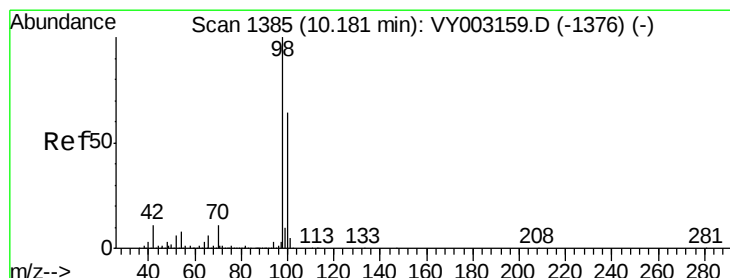
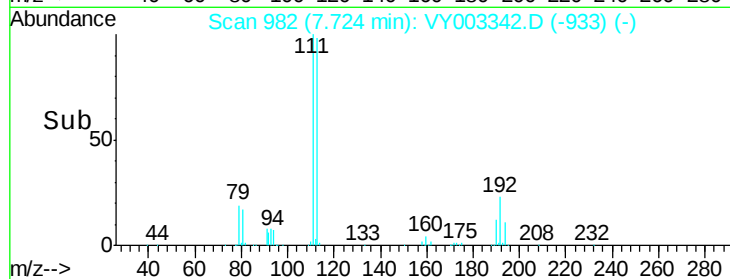
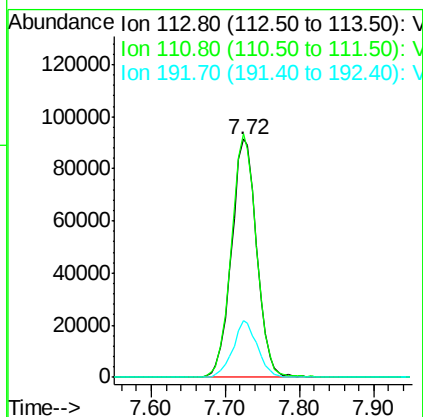
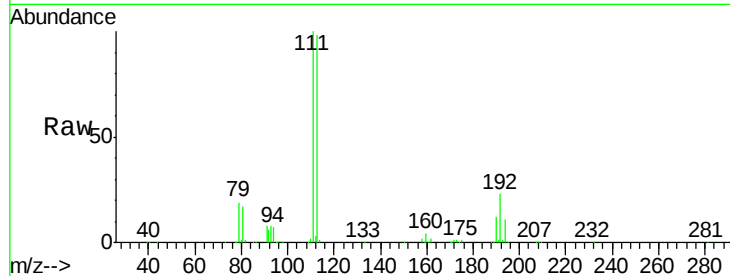




#35
Dibromofluoromethane
Concen: 54.205 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003342.D
Acq: 24 Jul 2020 19:14

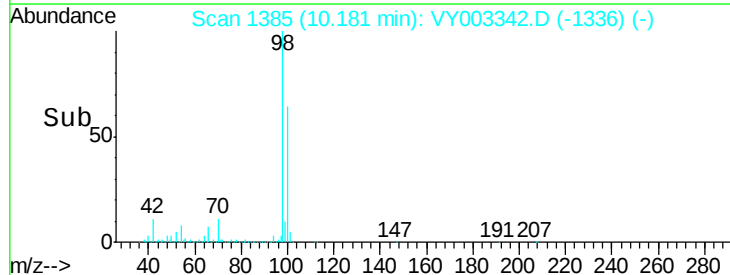
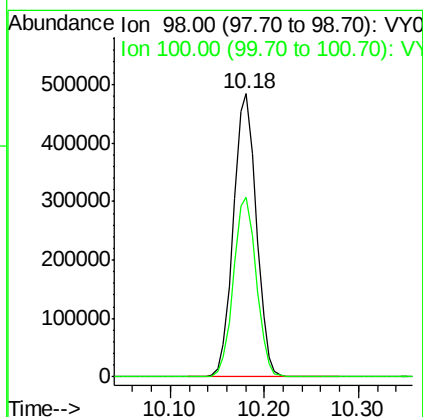
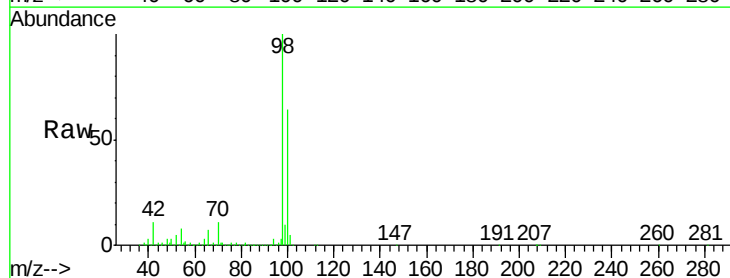
Instrument :
MSVOA_Y
ClientSampleId :
10

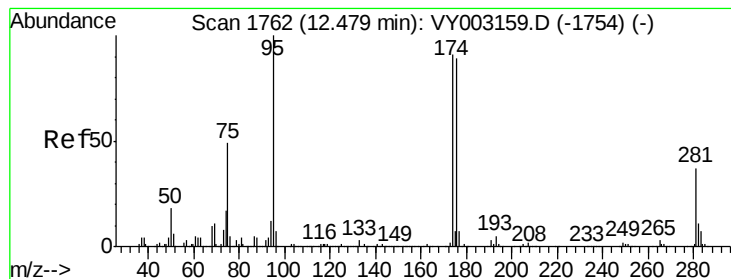
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.1	123.1
192	22.9	18.8	28.2



#50
Toluene-d8
Concen: 55.012 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003342.D
Acq: 24 Jul 2020 19:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 43.252 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003342.D

Acq: 24 Jul 2020 19:14

Instrument :

MSVOA_Y

ClientSampleId :

10

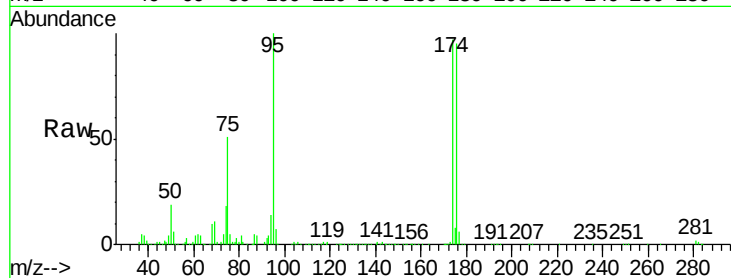
Tot Ion: 95 Resp: 232590

Ion Ratio Lower Upper

95 100

174 95.8 0.0 190.6

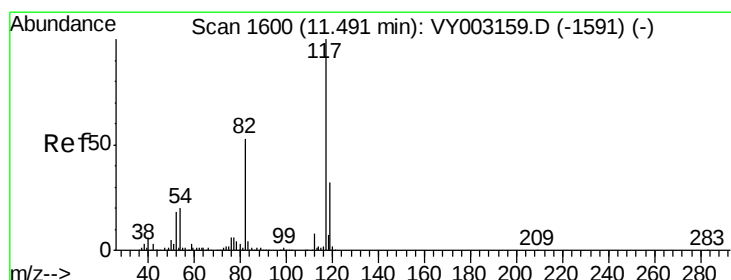
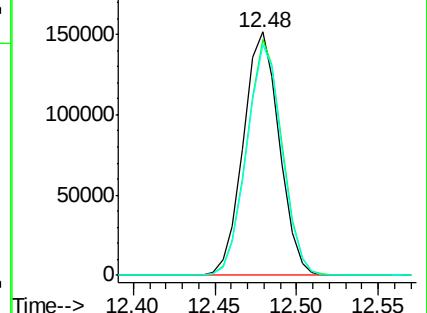
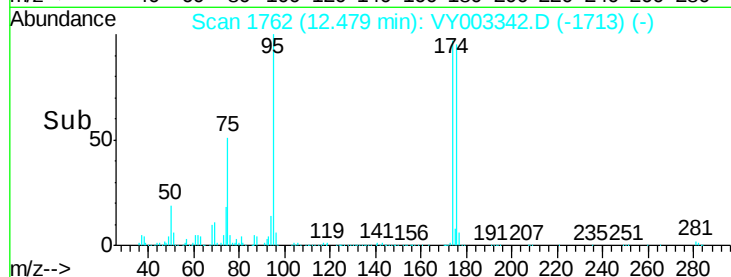
176 93.6 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003342.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003342.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003342.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003342.D

Acq: 24 Jul 2020 19:14

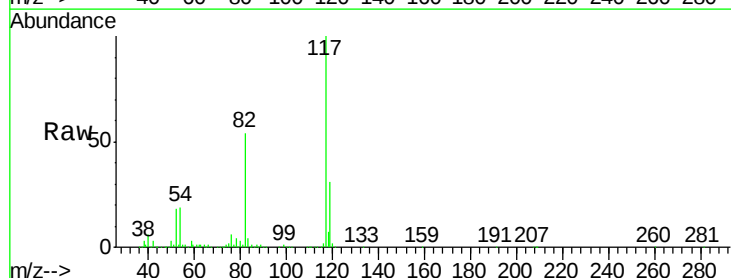
Tgt Ion: 117 Resp: 592418

Ion Ratio Lower Upper

117 100

82 53.7 42.0 63.0

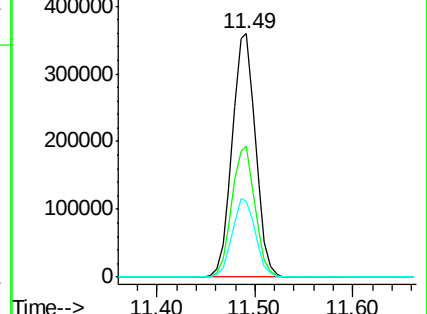
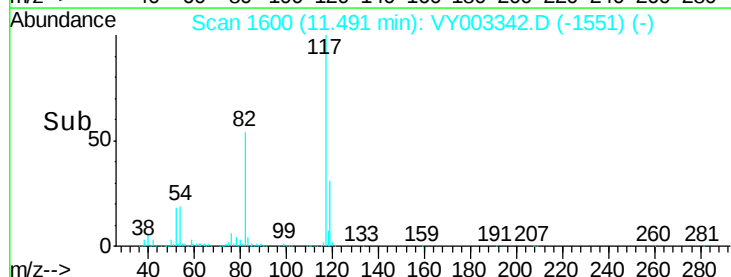
119 31.2 25.5 38.3

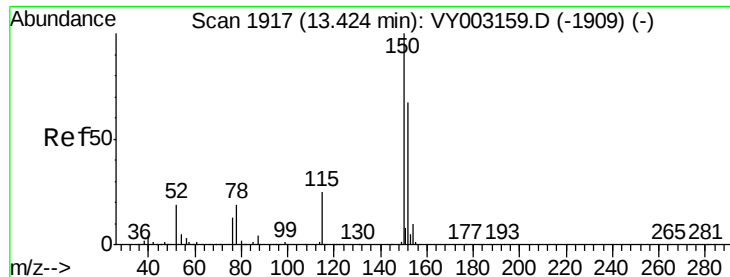


Abundance Ion 116.90 (116.60 to 117.60): VY003342.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003342.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003342.D (-1551) (-)



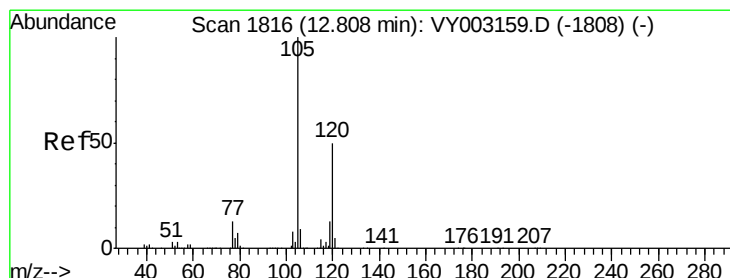
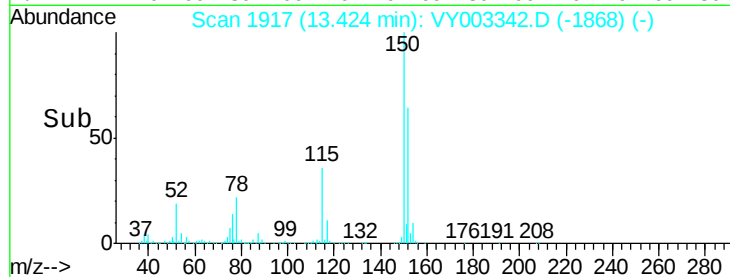
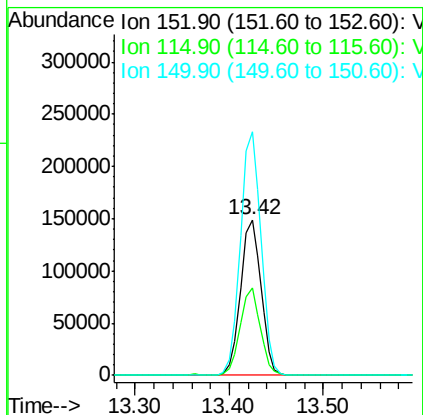
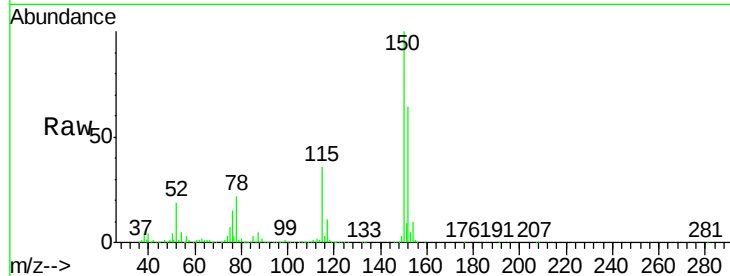


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003342.D
Acq: 24 Jul 2020 19:14

Instrument :
MSVOA_Y
ClientSampleId :
10

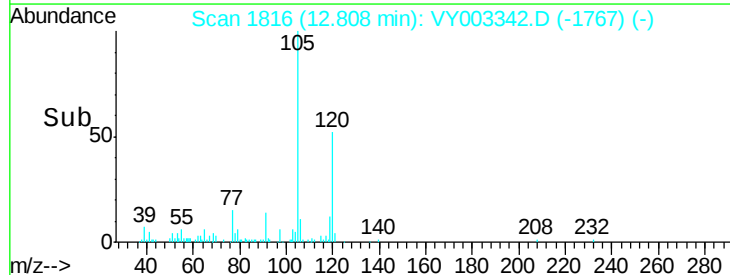
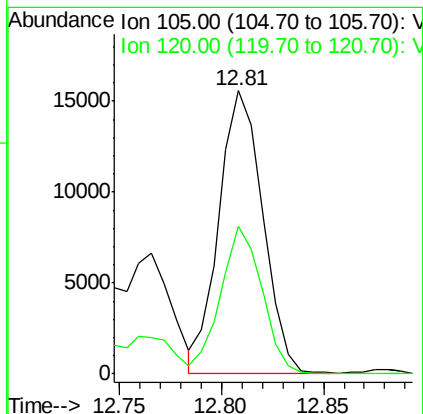
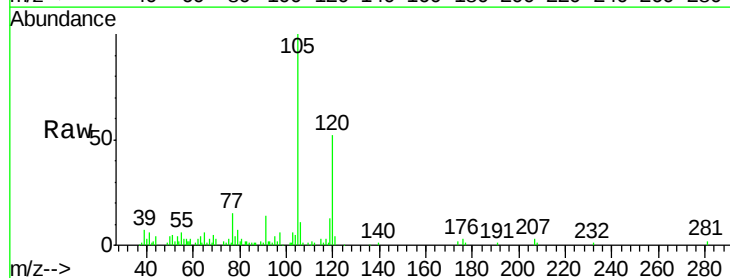
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.9	80.7
150	156.6	0.0	338.0

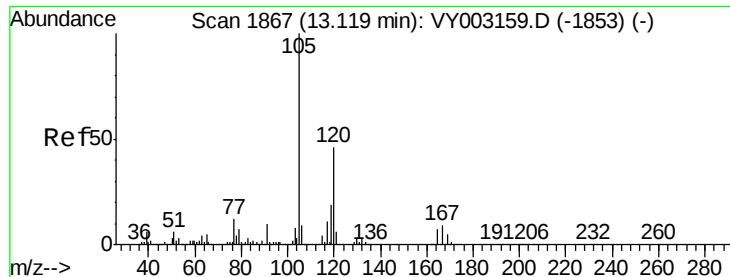


#80

1,3,5-Trimethylbenzene
Concen: 1.938 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003342.D
Acq: 24 Jul 2020 19:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.9	74.6





#84

1,2,4-Trimethylbenzene

Concen: 1.537 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003342.D

Acq: 24 Jul 2020 19:14

Instrument :

MSVOA_Y

ClientSampleId :

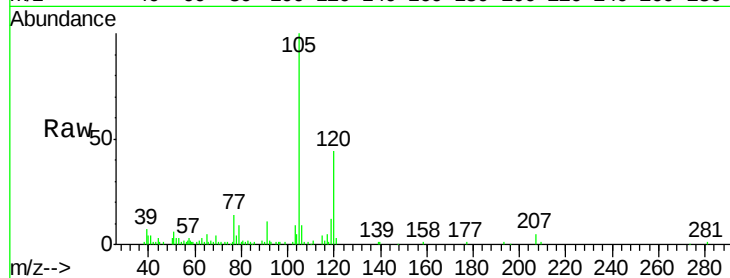
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Tot Ion:105 Resp: 18615

Ion Ratio Lower Upper

105 100

120 45.9 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.12

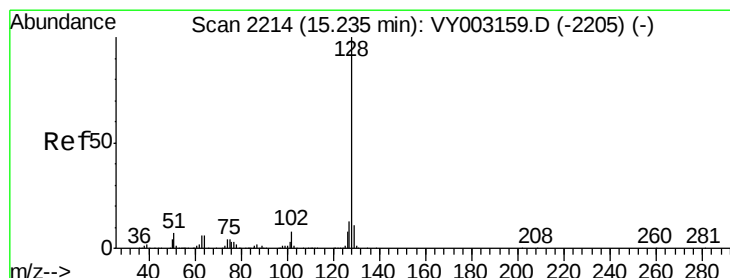
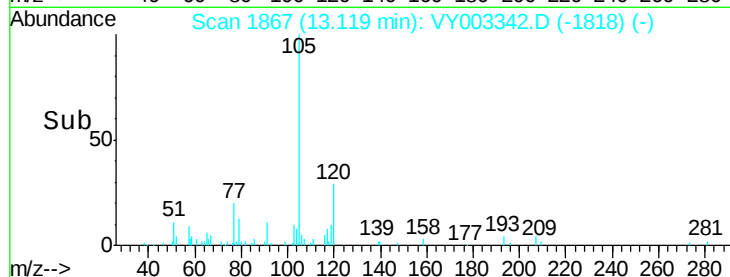
15000

10000

5000

0

Time-->



#95

Naphthalene

Concen: 1.536 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003342.D

Acq: 24 Jul 2020 19:14

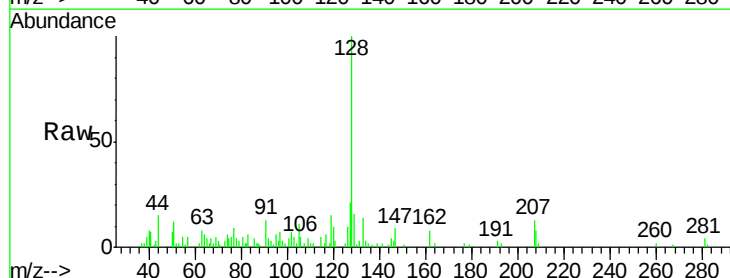
Tgt Ion:128 Resp: 11033

Ion Ratio Lower Upper

128 100

127 16.4 10.9 16.3#

129 11.4 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

8000

6000

4000

2000

0

Time-->

