

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003345.D
 Acq On : 24 Jul 2020 20:26
 Operator : SY/MD
 Sample : L3436-13
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13

Quant Time: Jul 25 03:05:28 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

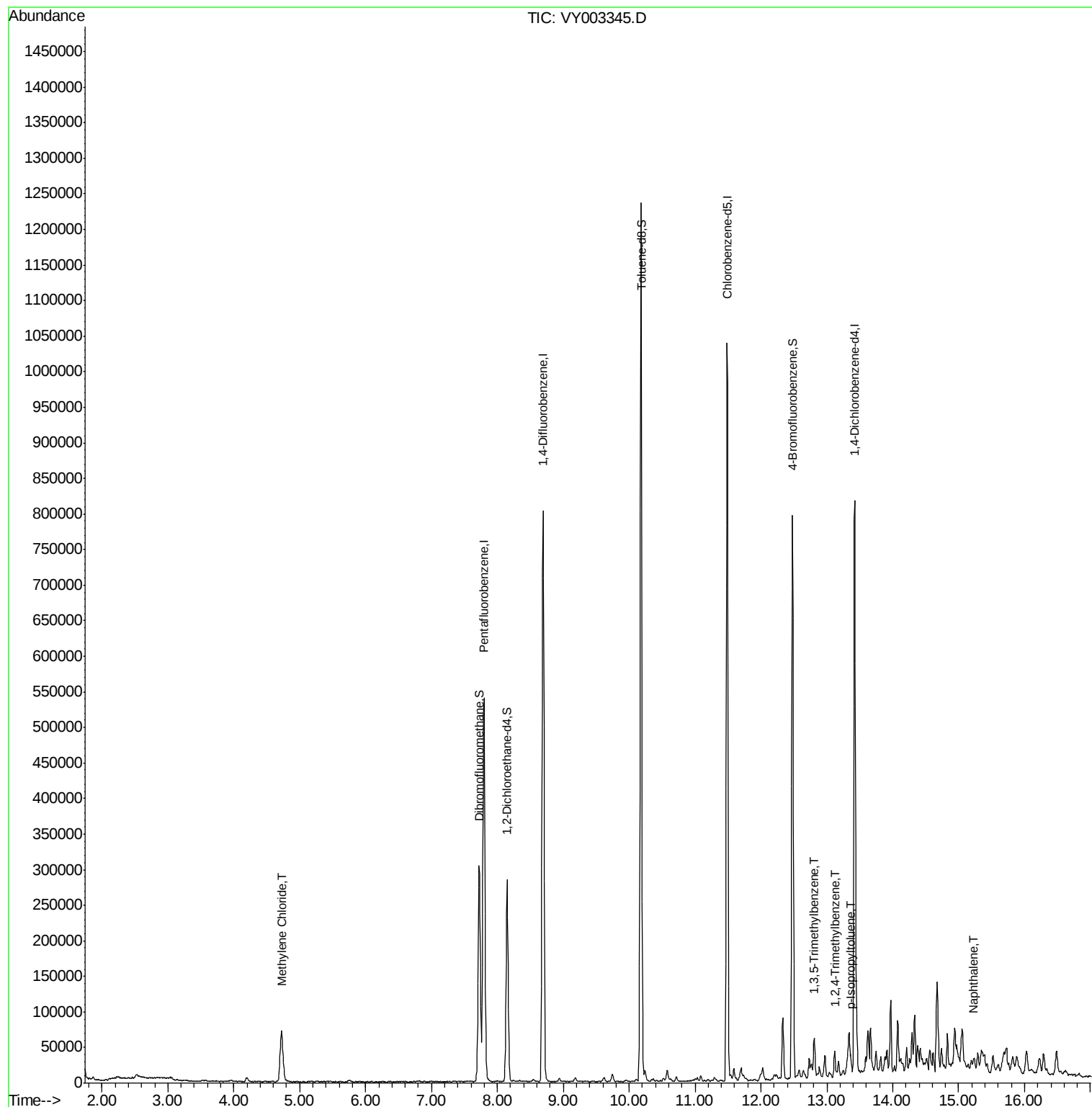
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	448200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	692036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	582910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	217883	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
35) Dibromofluoromethane	7.72	113	214407	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
50) Toluene-d8	10.18	98	817178	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.48	95	227391	42.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.02%	
Target Compounds						
20) Methylene Chloride	4.72	84	54804	8.308	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	23303	2.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	19075	1.647	ug/l	98
86) p-Isopropyltoluene	13.37	119	14929	1.145	ug/l	98
95) Naphthalene	15.23	128	10578	1.540	ug/l #	92

(#) = 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: VY003345.D

Acq: 24 Jul 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

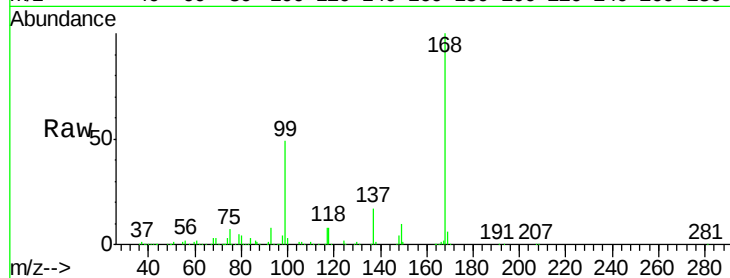
13

Tot Ion:168 Resp: 448200

Ion Ratio Lower Upper

168 100

99 49.3 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

200000

150000

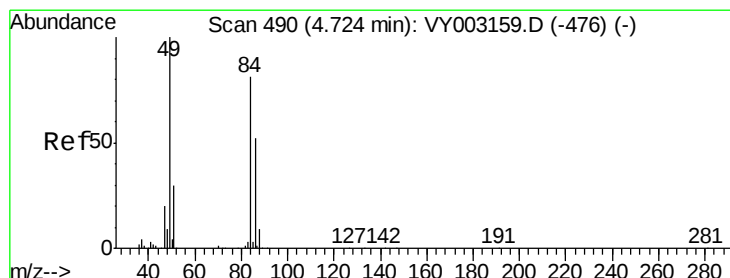
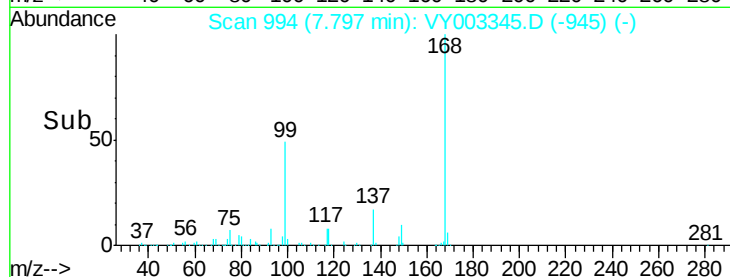
100000

50000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 8.308 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003345.D

Acq: 24 Jul 2020 20:26

Tgt Ion: 84 Resp: 54804

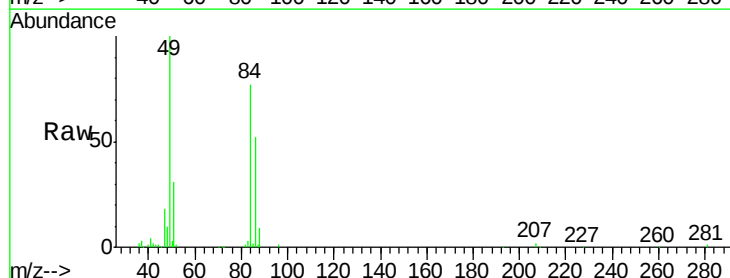
Ion Ratio Lower Upper

84 100

49 130.0 98.2 147.4

51 39.9 29.8 44.6

86 67.2 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) (-)

4.72

30000

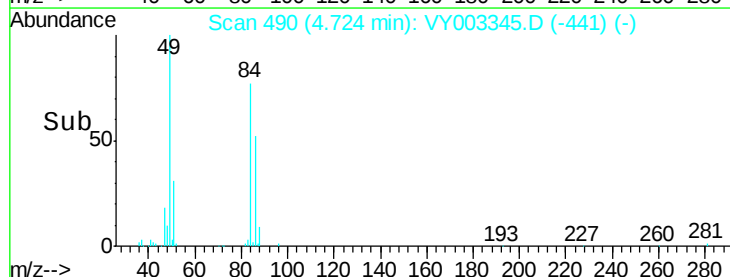
20000

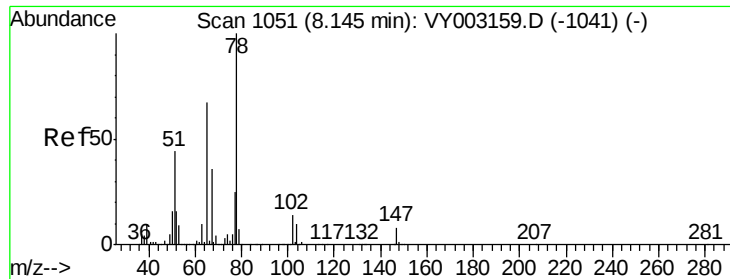
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0

4.60 4.70 4.80 4.90

Time-->

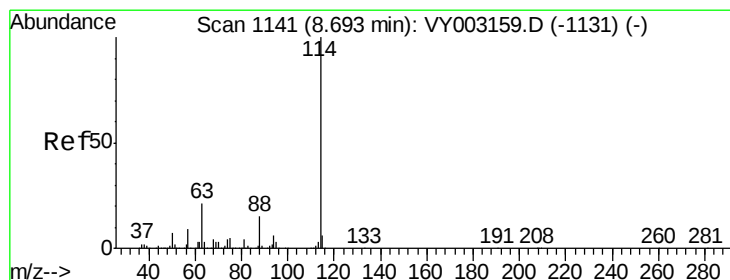
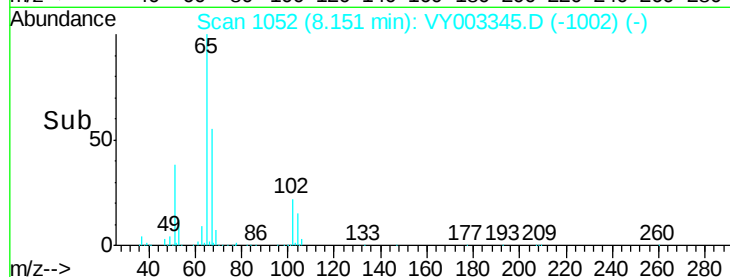
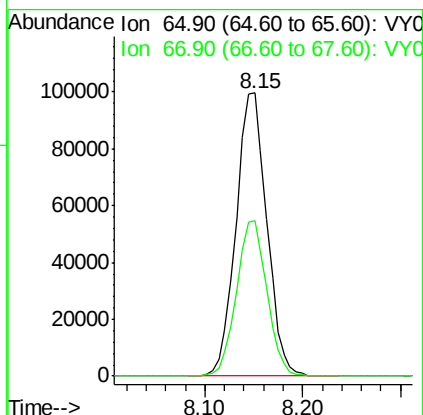
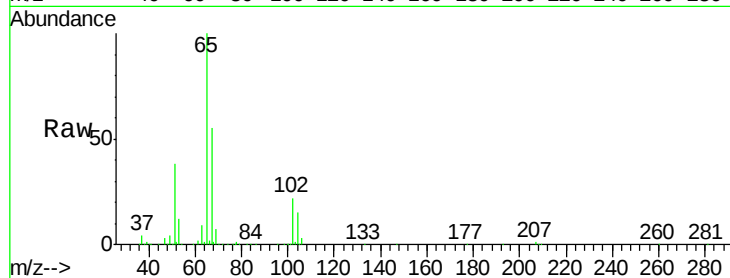




#33
 1,2-Dichloroethane-d4
 Concen: 57.596 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003345.D
 Acq: 24 Jul 2020 20:26

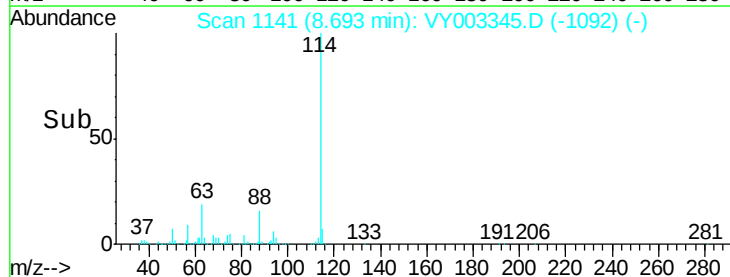
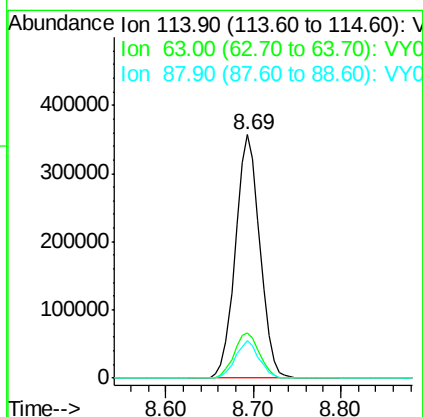
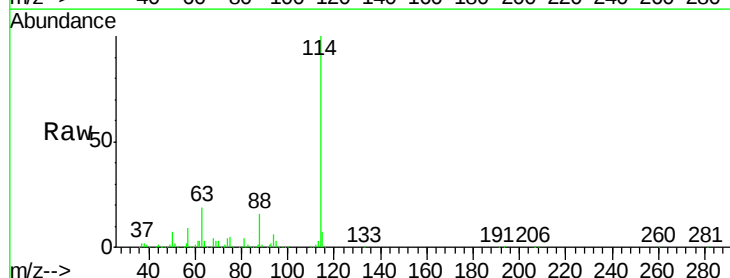
Instrument :
 MSVOA_Y
 ClientSampled :
 13

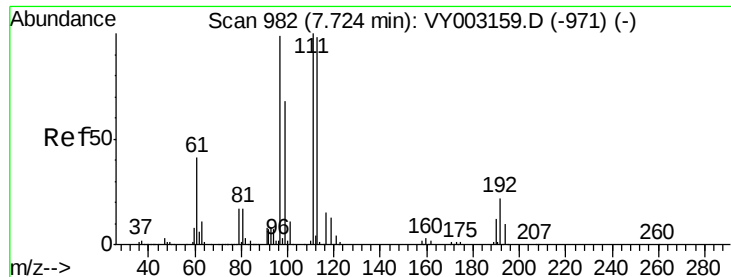
Tot Ion: 65 Resp: 217883
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003345.D
 Acq: 24 Jul 2020 20:26

Tgt Ion: 114 Resp: 692036
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.2
 88 15.5 0.0 30.2

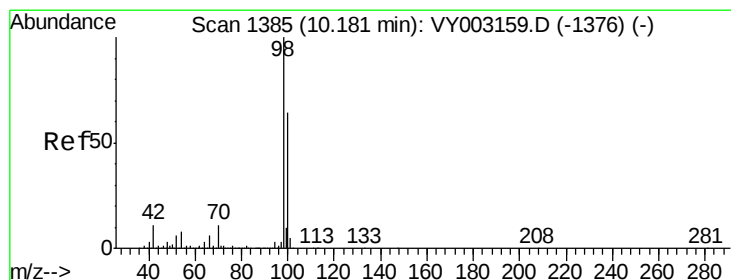
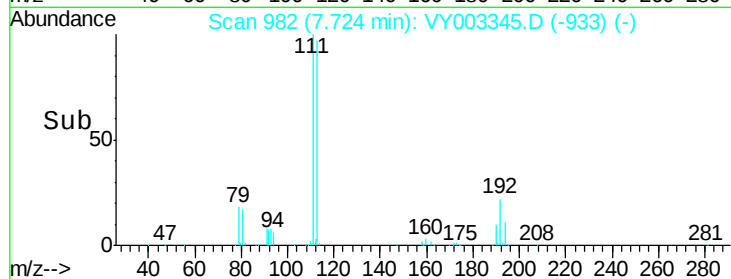
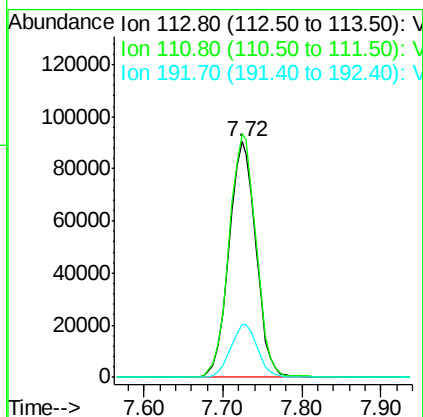
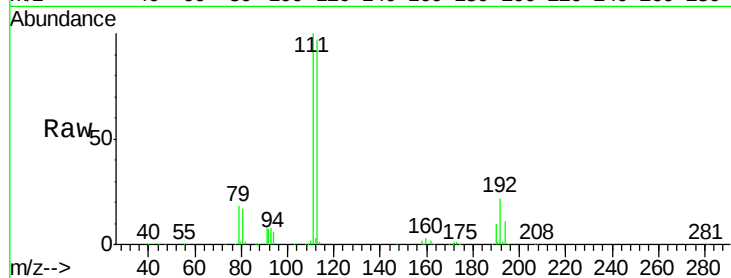




#35
 Dibromofluoromethane
 Concen: 53.837 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003345.D
 Acq: 24 Jul 2020 20:26

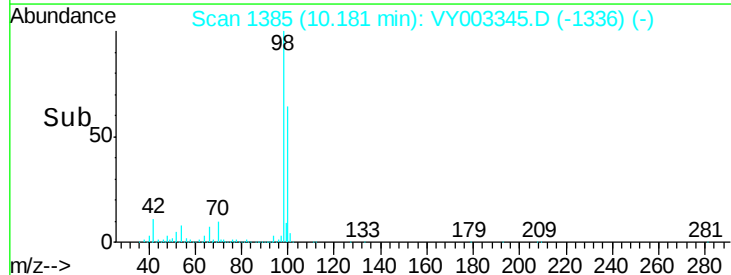
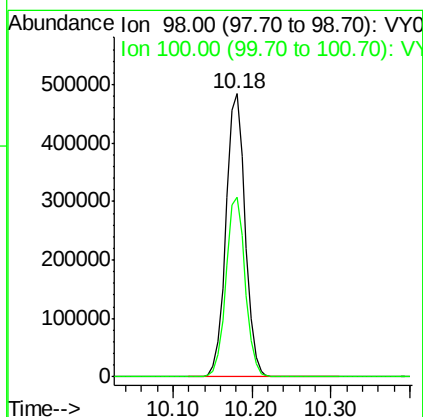
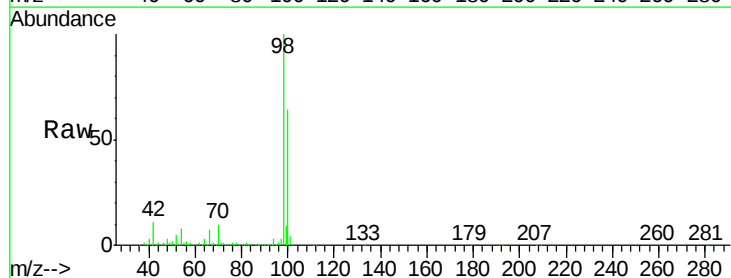
Instrument :
 MSVOA_Y
 ClientSampleId :
 13

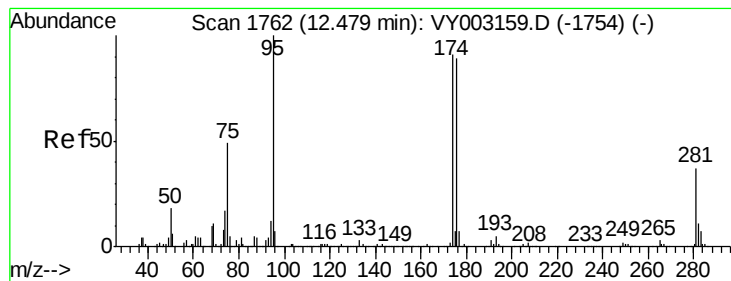
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	22.6	18.8	28.2



#50
 Toluene-d8
 Concen: 55.191 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003345.D
 Acq: 24 Jul 2020 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 42.512 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003345.D

Acq: 24 Jul 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

13

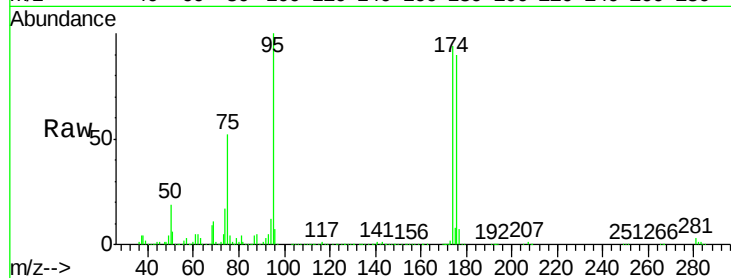
Tot Ion: 95 Resp: 227391

Ion Ratio Lower Upper

95 100

174 95.4 0.0 190.6

176 92.3 0.0 186.4

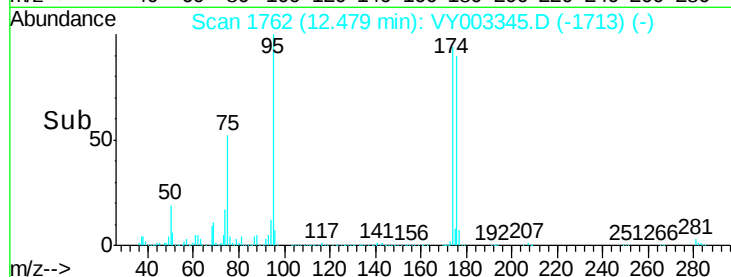


Abundance Ion 94.90 (94.60 to 95.60): VY003345.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003345.D (-1754) (-)

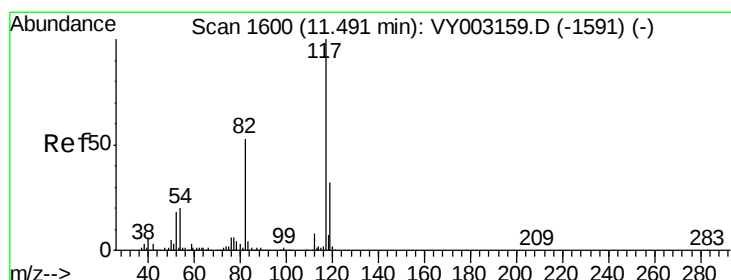
Ion 175.80 (175.50 to 176.50): VY003345.D (-1754) (-)

Time-->



12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003345.D

Acq: 24 Jul 2020 20:26

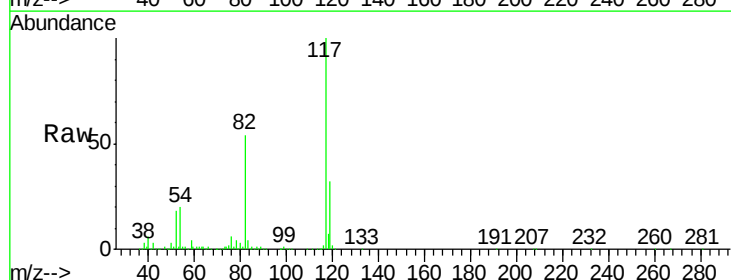
Tgt Ion: 117 Resp: 582910

Ion Ratio Lower Upper

117 100

82 53.9 42.0 63.0

119 32.5 25.5 38.3

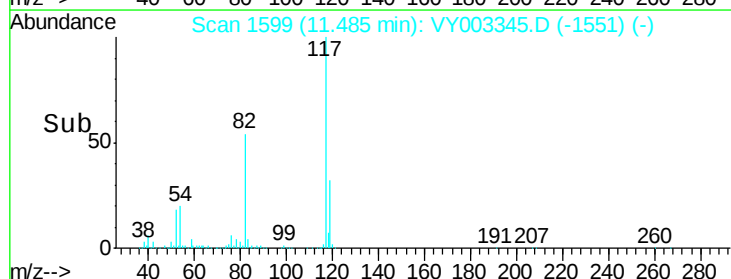


Abundance Ion 116.90 (116.60 to 117.60): VY003345.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003345.D (-1551) (-)

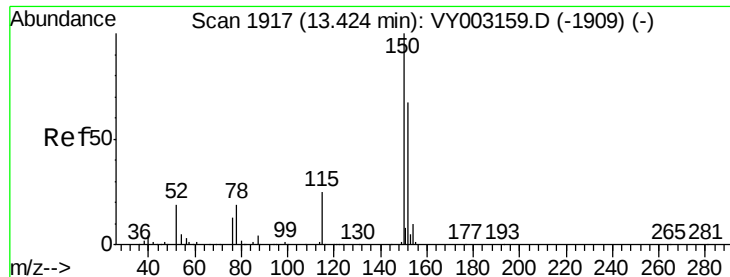
Ion 118.90 (118.60 to 119.60): VY003345.D (-1551) (-)

Time-->



11.49

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003345.D

Acq: 24 Jul 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

13

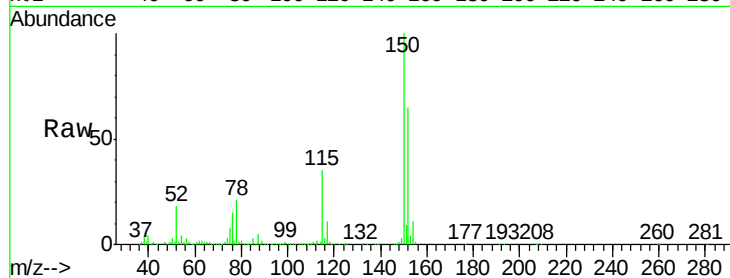
Tot Ion:152 Resp: 216725

Ion Ratio Lower Upper

152 100

115 54.8 26.9 80.7

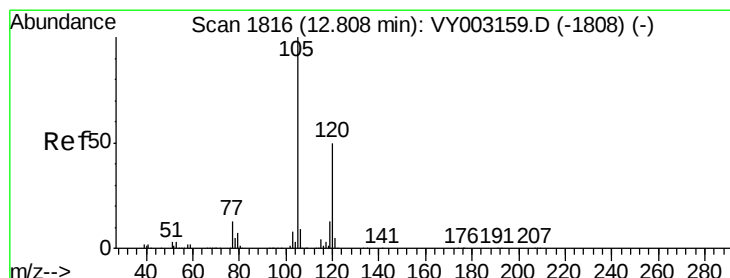
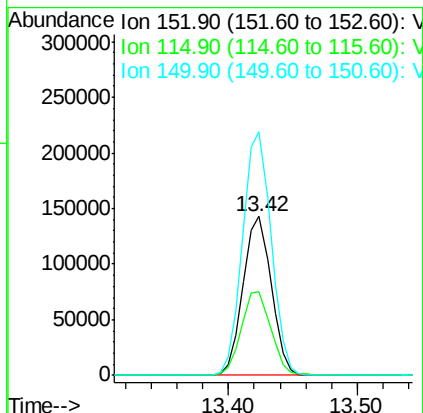
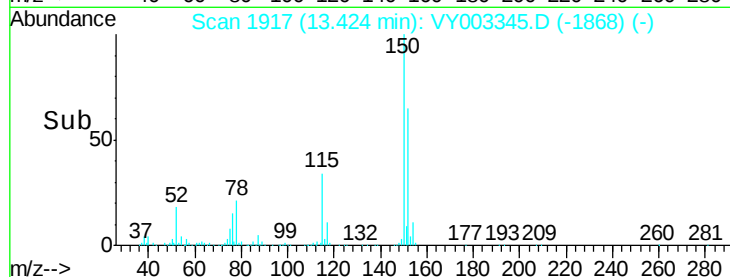
150 154.4 0.0 338.0



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: 2.024 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003345.D

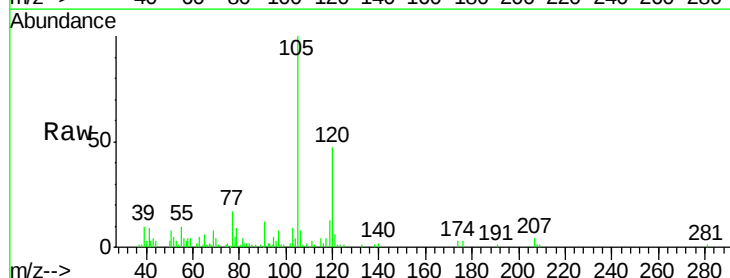
Acq: 24 Jul 2020 20:26

Tgt Ion:105 Resp: 23303

Ion Ratio Lower Upper

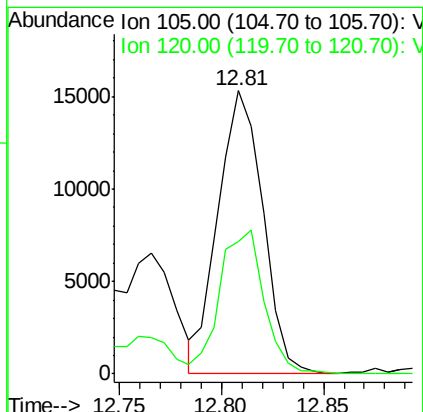
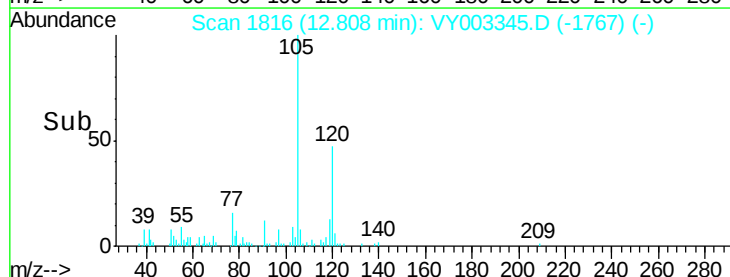
105 100

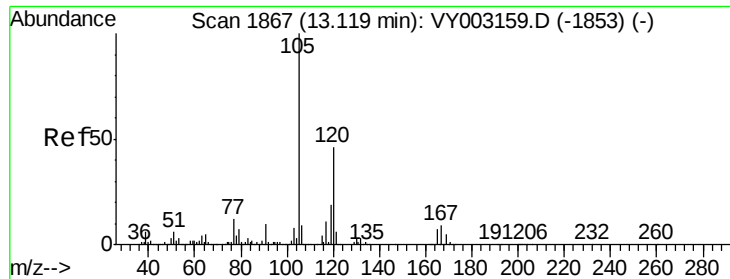
120 50.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

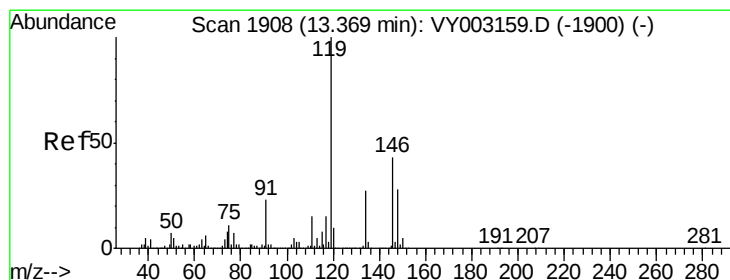
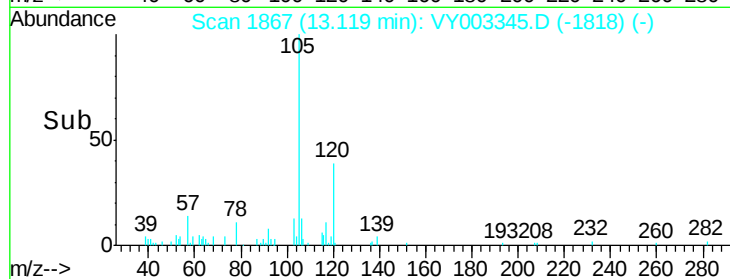
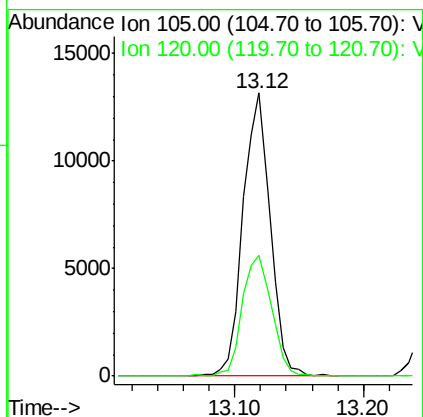
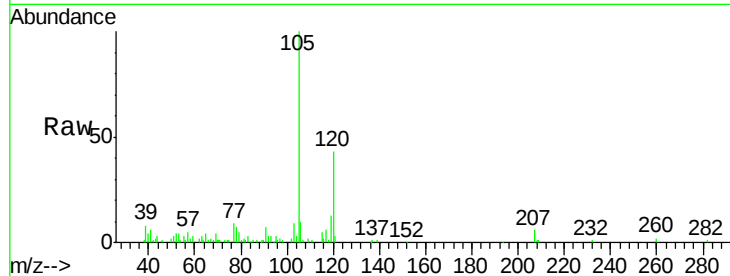




#84
 1,2,4-Trimethylbenzene
 Concen: 1.647 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003345.D
 Acq: 24 Jul 2020 20:26

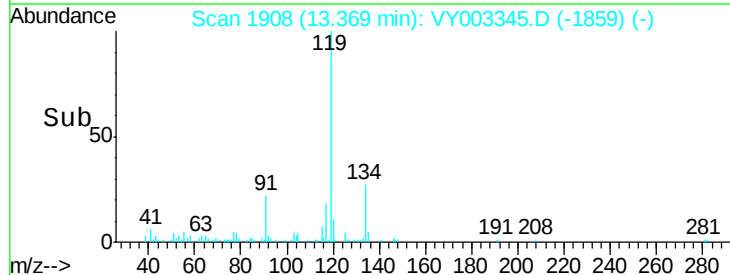
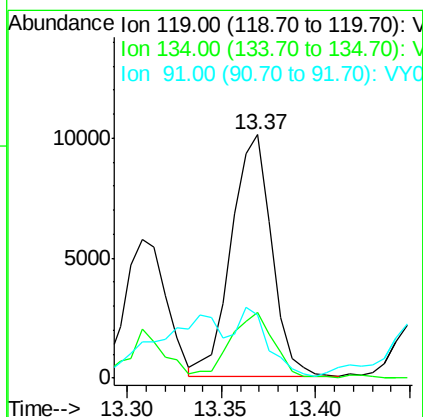
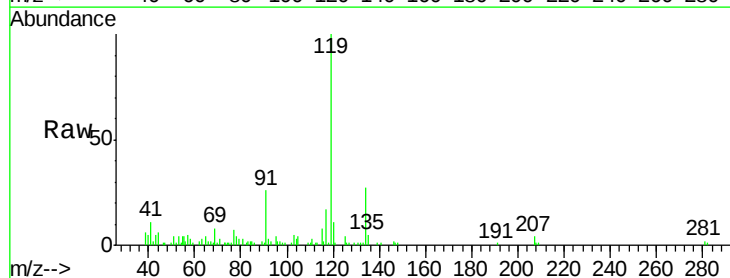
Instrument :
 MSVOA_Y
 ClientSampled :
 13

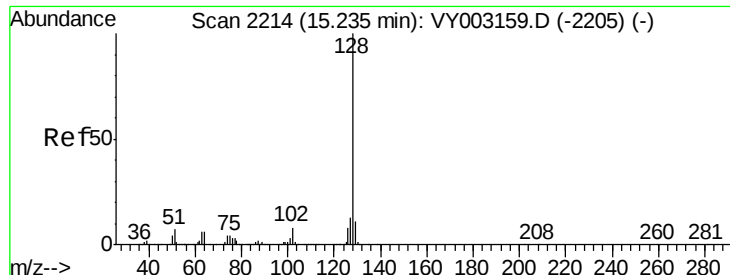
Tot Ion:105 Resp: 19075
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 1.145 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003345.D
 Acq: 24 Jul 2020 20:26

Tgt Ion:119 Resp: 14929
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.4 40.2
 91 23.3 11.2 33.6





#95

Naphthalene

Concen: 1.540 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003345.D

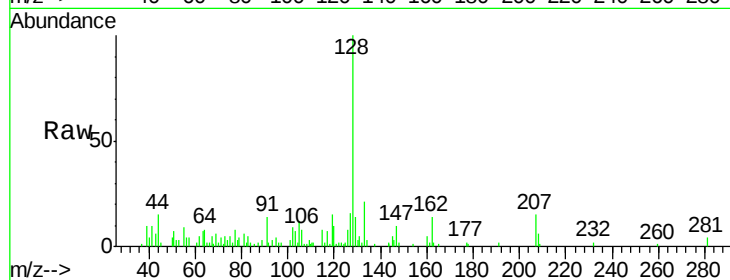
Acq: 24 Jul 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

13



Tot Ion:	128	Resp:	10578
Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.9	16.3#
129	12.5	9.0	13.6

