

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003317.D
 Acq On : 23 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3415-02
 Misc : 6.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-024-IDWSO-20200722

Quant Time: Jul 24 04:40:25 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

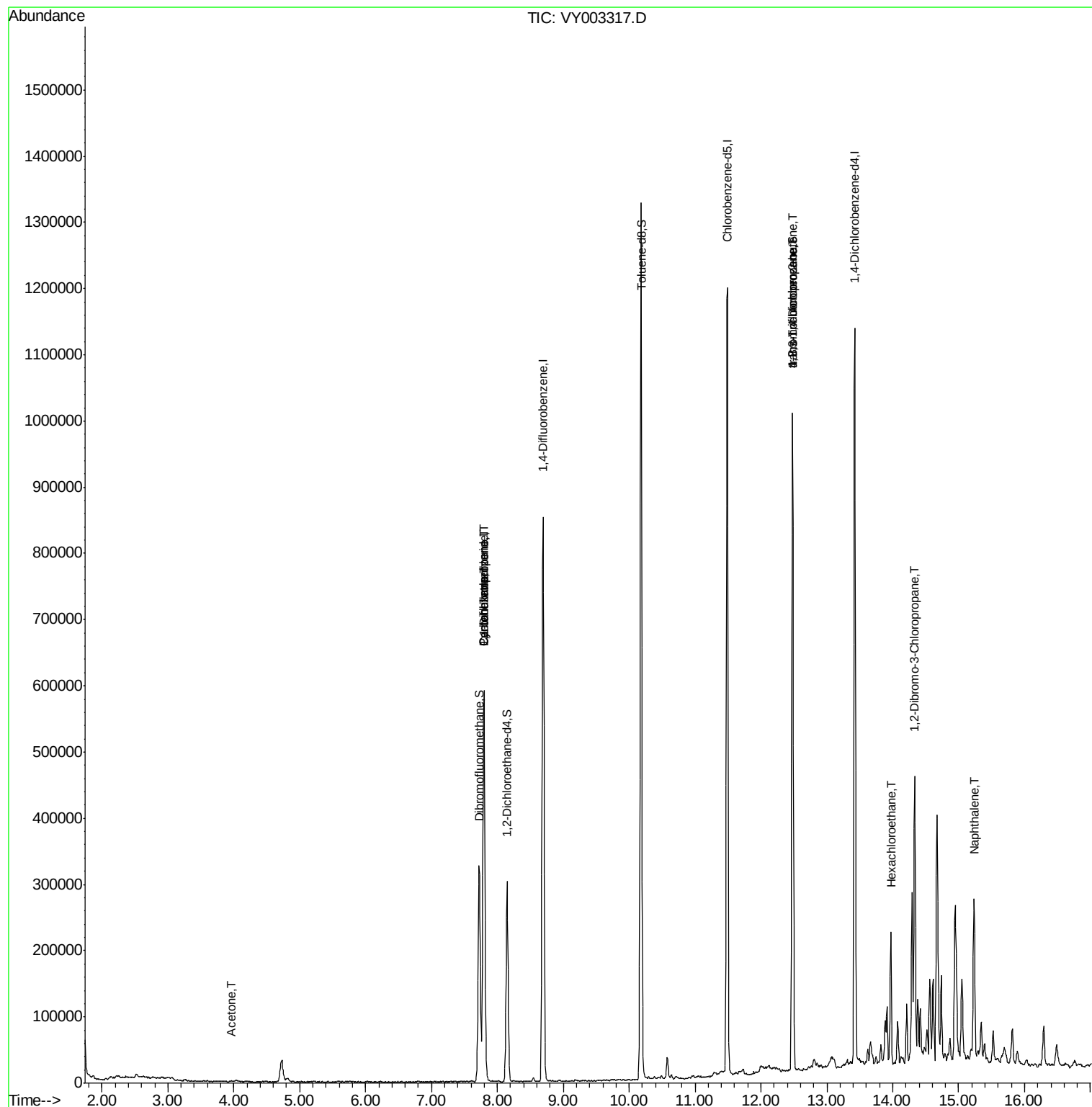
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	480590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	741797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	672797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	294264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	231329	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	7.72	113	230863	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	10.18	98	895725	56.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.88%	
62) 4-Bromofluorobenzene	12.48	95	278404	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	1834	2.024	ug/l #	78
31) Cyclohexane	7.80	56	8821	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	32198	4.789	ug/l #	51
38) Carbon Tetrachloride	7.80	117	43572	6.278	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	141138	54.185	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	141138	105.454	ug/l #	13
90) Hexachloroethane	13.97	117	10670	3.311	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.33	75	1611	2.744	ug/l #	1
95) Naphthalene	15.23	128	204043	21.878	ug/l	99

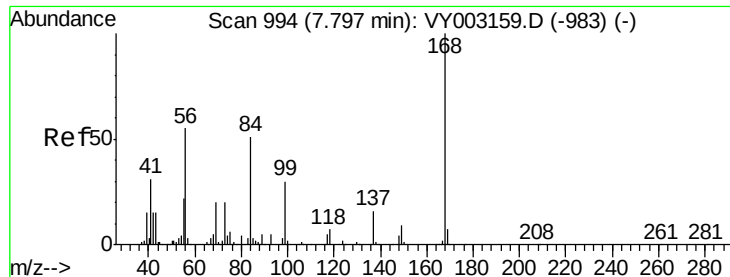
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

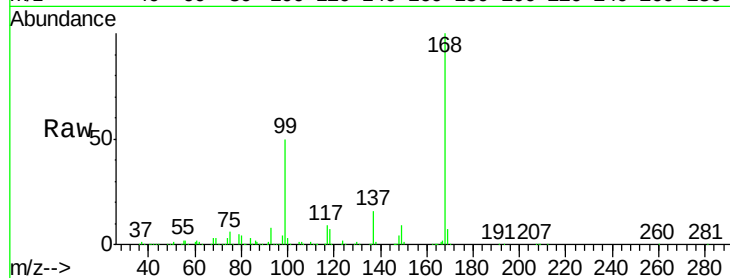
TT-024-IDWSO-20200722

Tot Ion:168 Resp: 480590

Ion Ratio Lower Upper

168 100

99 50.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003317.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003317.D (-945) (-)

7.80

250000

200000

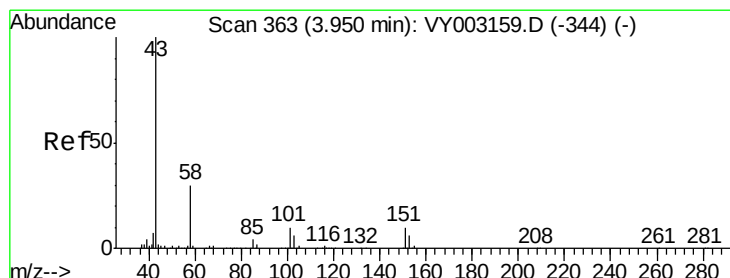
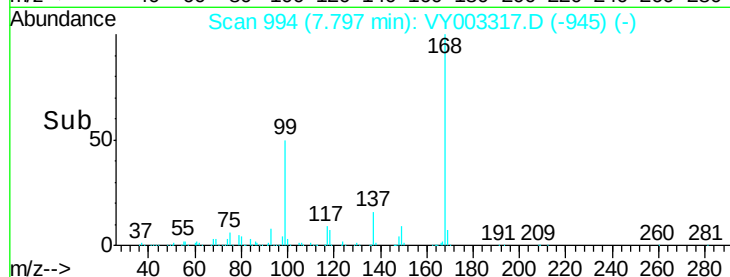
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.024 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003317.D

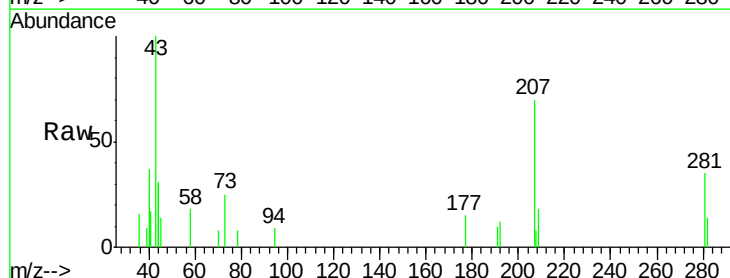
Acq: 23 Jul 2020 15:34

Tgt Ion: 43 Resp: 1834

Ion Ratio Lower Upper

43 100

58 17.6 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003317.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003317.D (-314) (-)

3.96

800

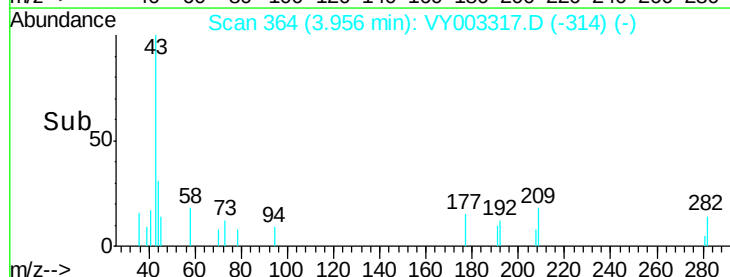
600

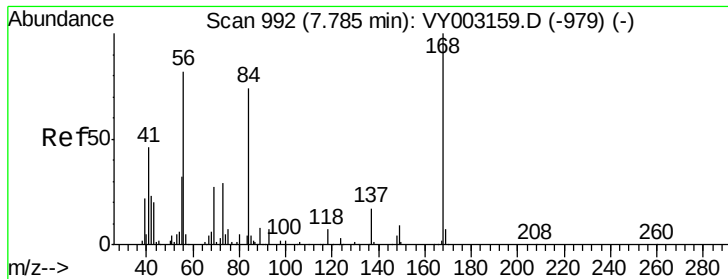
400

200

0

Time-->





#31

Cyclohexane

Concen: 1.196 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

TT-024-IDWSO-20200722

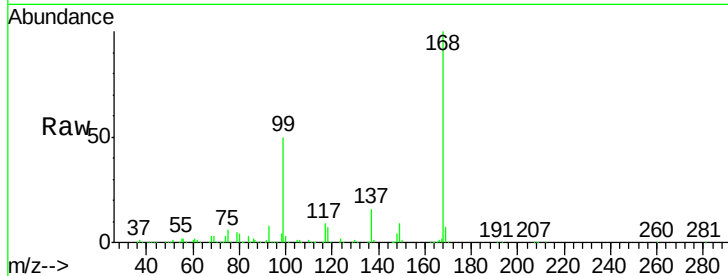
Tot Ion: 56 Resp: 8821

Ion Ratio Lower Upper

56 100

69 164.1 26.7 40.1#

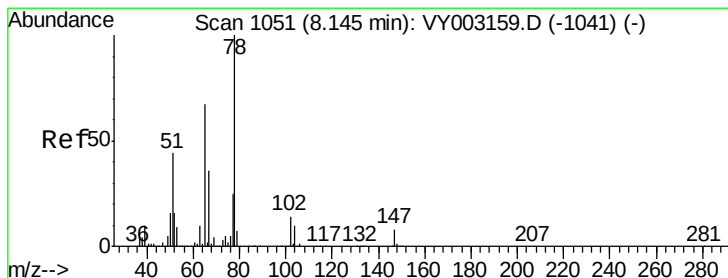
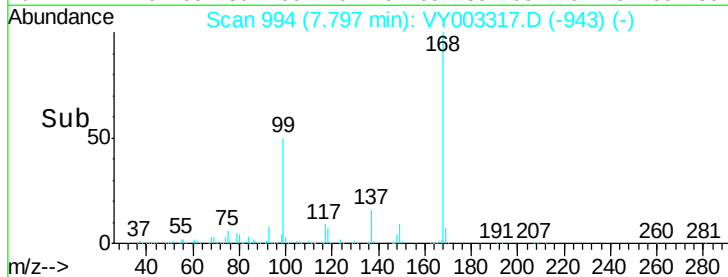
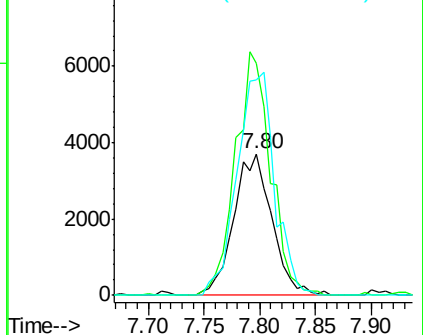
84 160.3 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.029 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003317.D

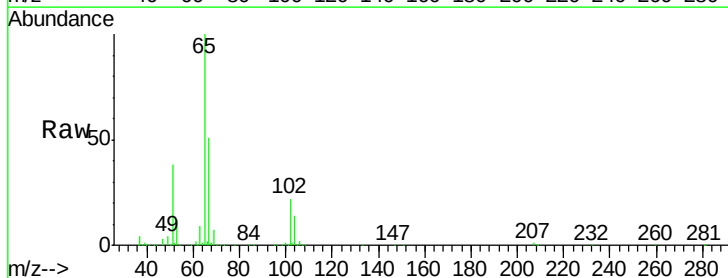
Acq: 23 Jul 2020 15:34

Tgt Ion: 65 Resp: 231329

Ion Ratio Lower Upper

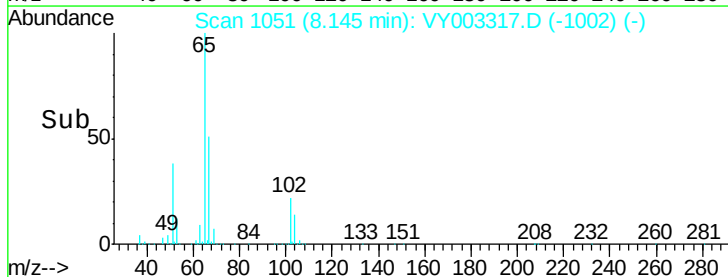
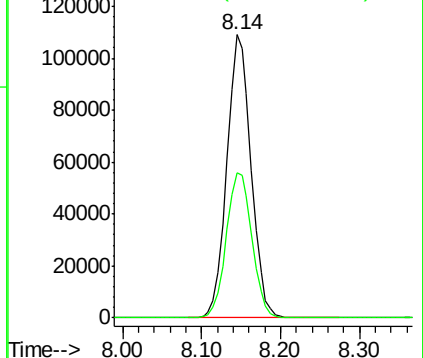
65 100

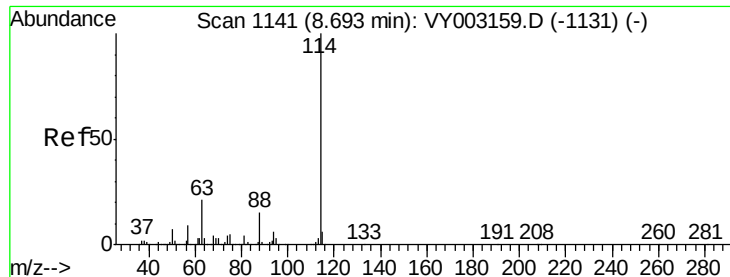
67 54.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

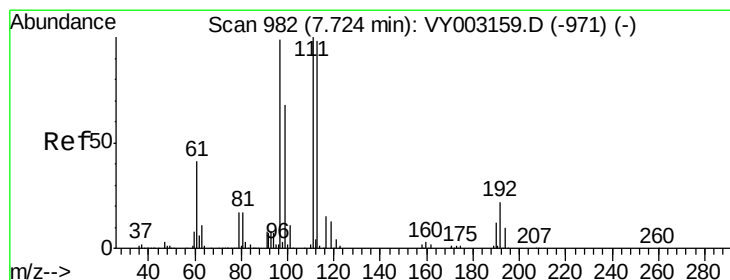
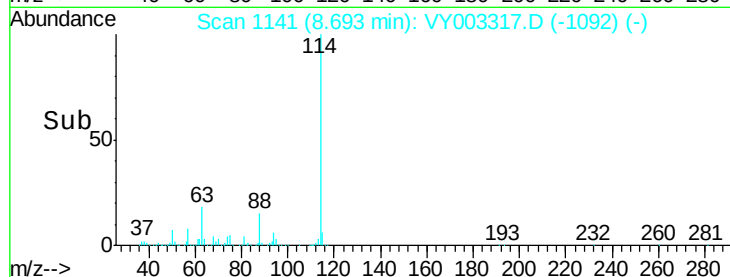
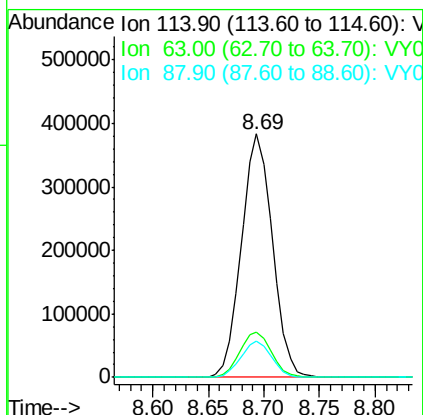
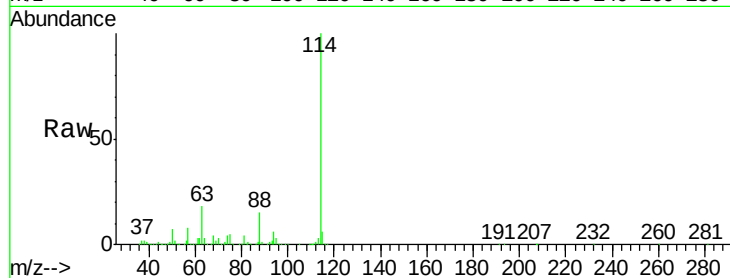




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003317.D
 Acq: 23 Jul 2020 15:34

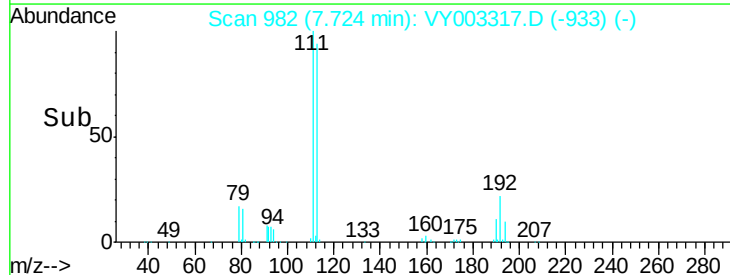
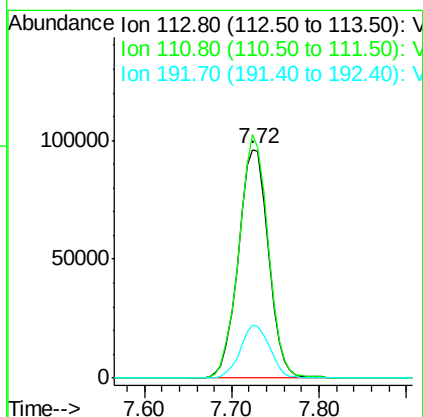
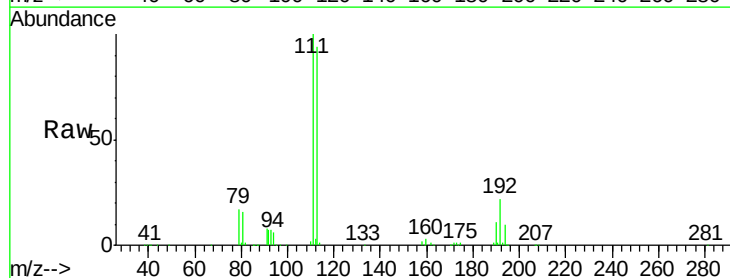
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-024-IDWSO-20200722

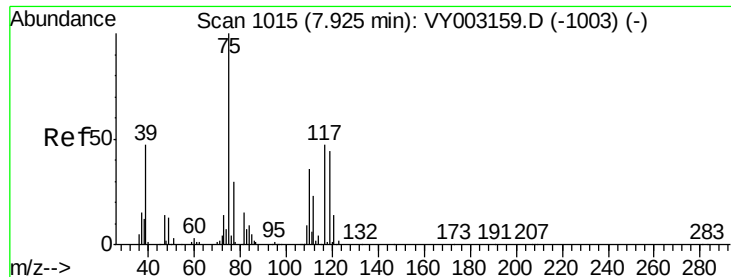
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.2
88	15.0	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.081 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003317.D
 Acq: 23 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	22.8	18.8	28.2

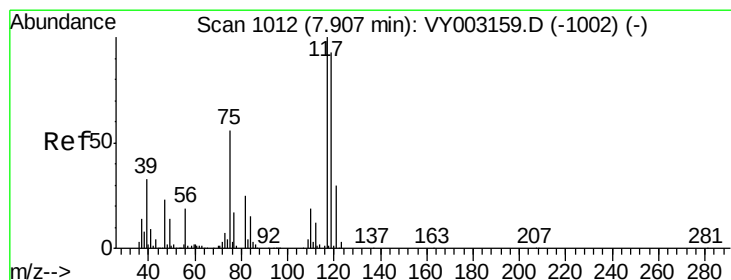
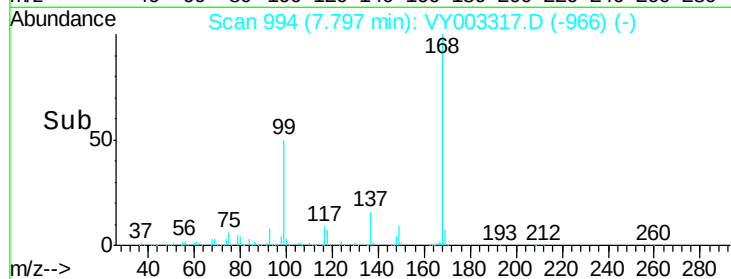
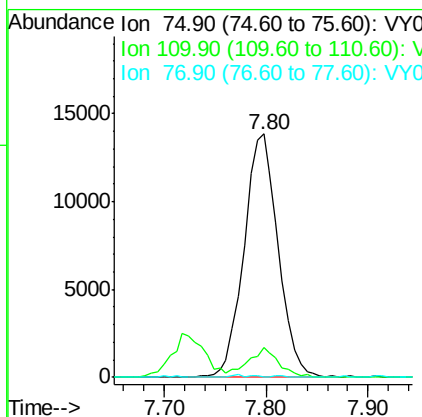
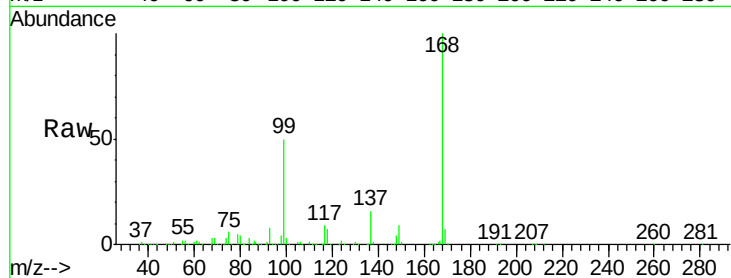




#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003317.D
 Acq: 23 Jul 2020 15:34

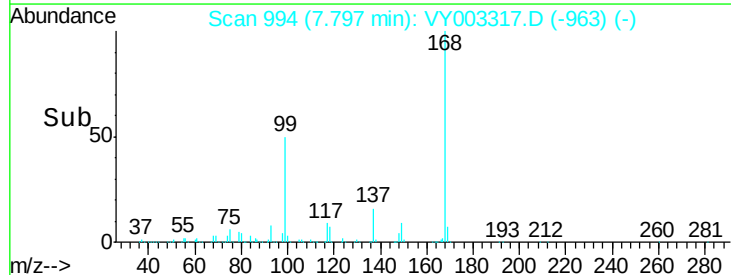
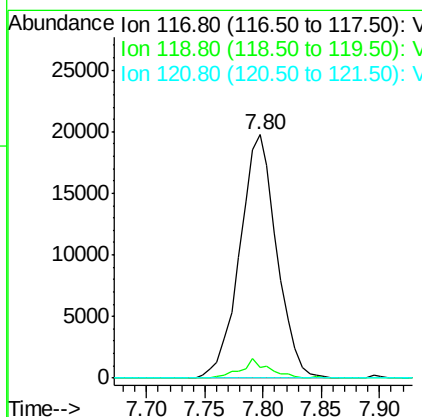
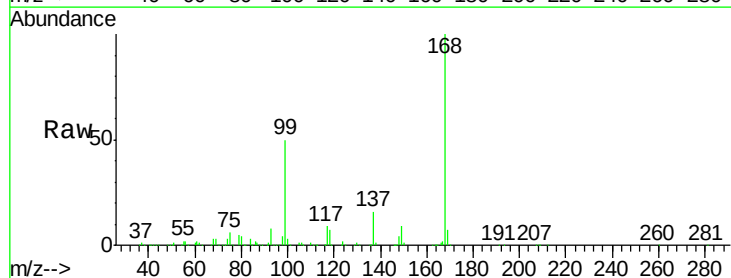
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-024-IDWSO-20200722

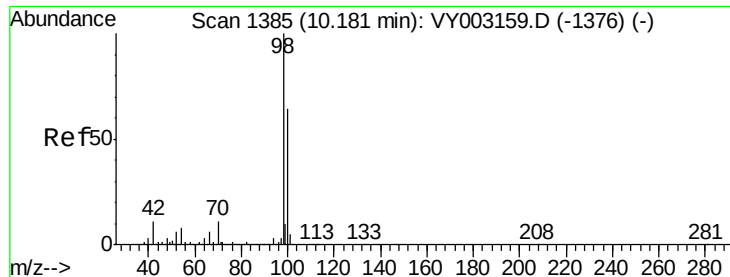
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.1#
77	0.2	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.278 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003317.D
 Acq: 23 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.438 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

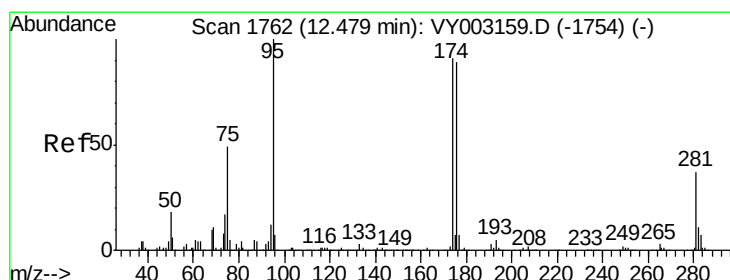
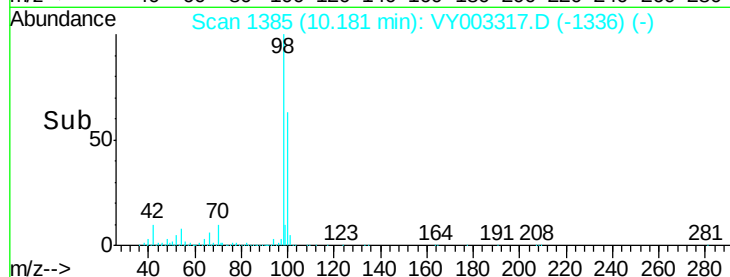
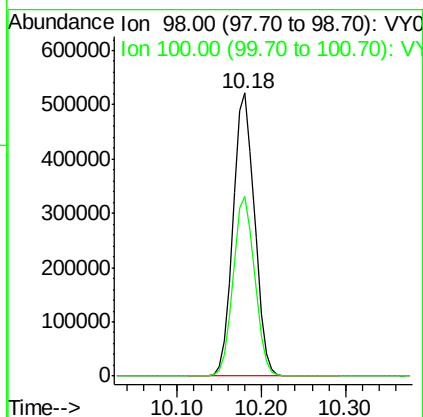
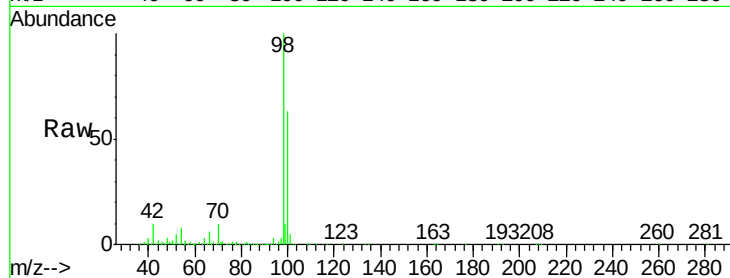
TT-024-IDWSO-20200722

Tot Ion: 98 Resp: 895725

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 48.557 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

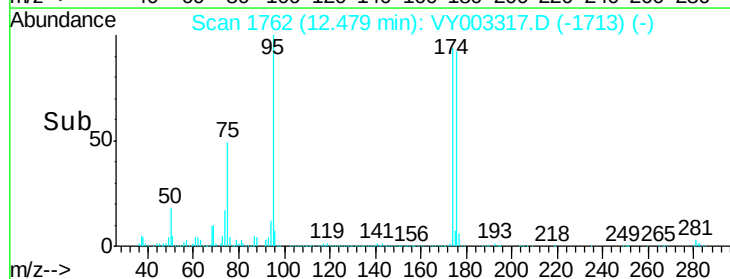
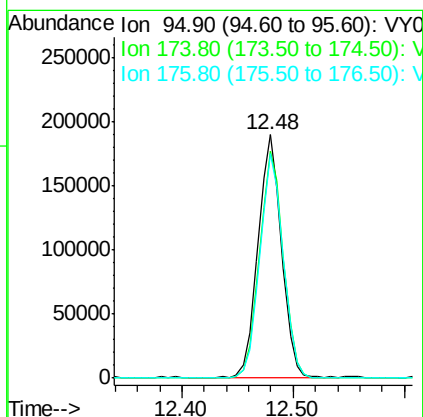
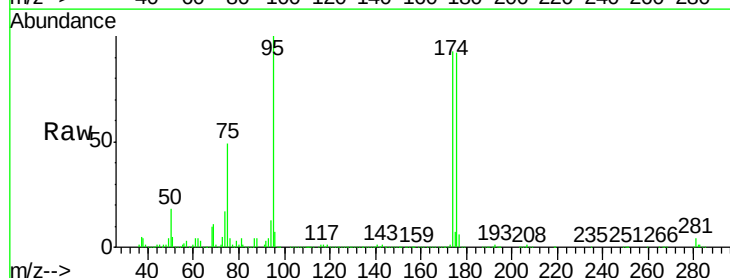
Tgt Ion: 95 Resp: 278404

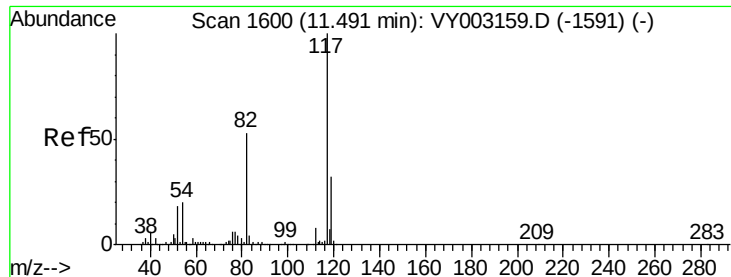
Ion Ratio Lower Upper

95 100

174 95.1 0.0 190.6

176 92.3 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: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

TT-024-IDWSO-20200722

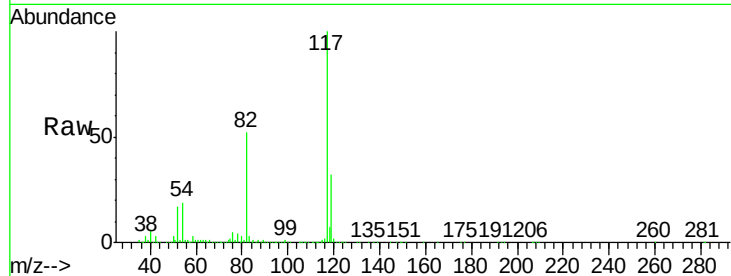
Tot Ion:117 Resp: 672797

Ion Ratio Lower Upper

117 100

82 51.7 42.0 63.0

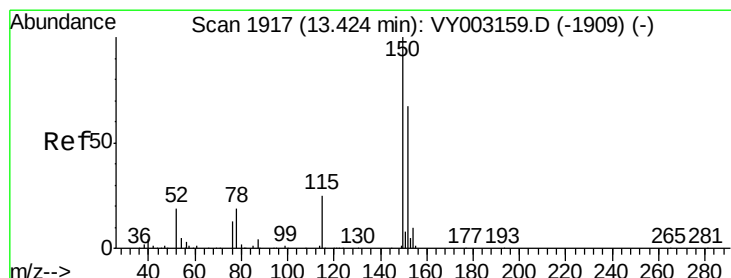
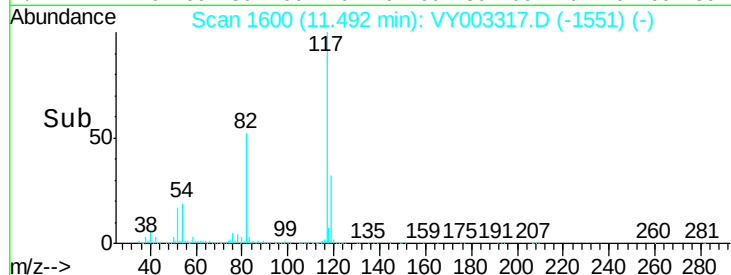
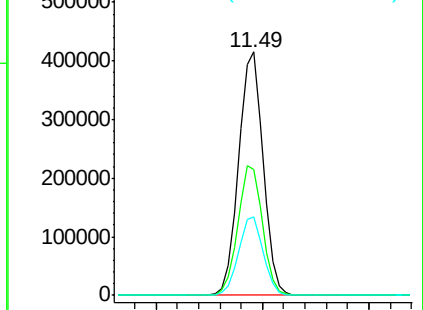
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

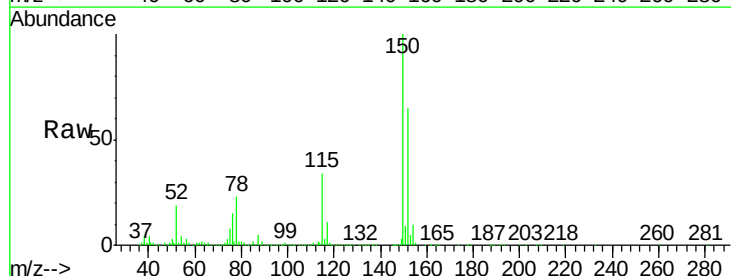
Tgt Ion:152 Resp: 294264

Ion Ratio Lower Upper

152 100

115 54.4 26.9 80.7

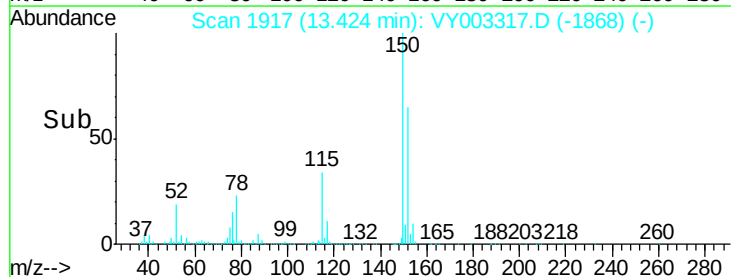
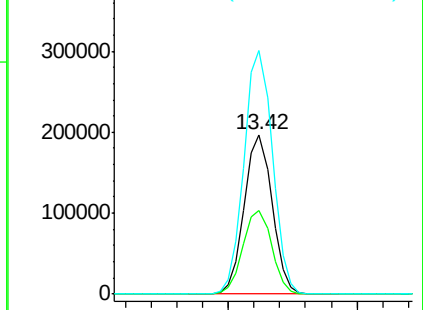
150 155.6 0.0 338.0

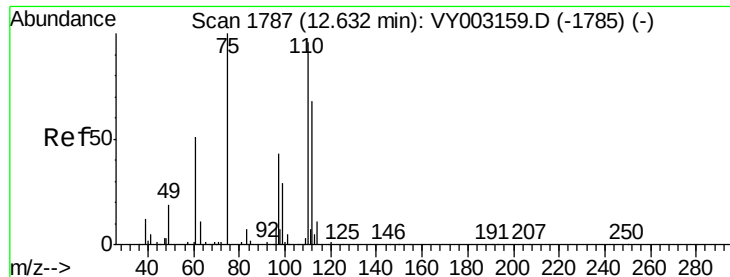


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.185 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

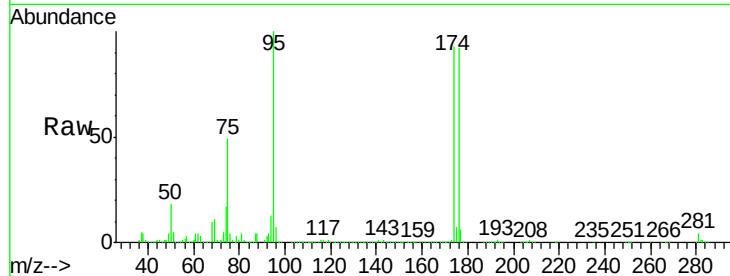
TT-024-IDWSO-20200722

Tot Ion: 75 Resp: 141138

Ion Ratio Lower Upper

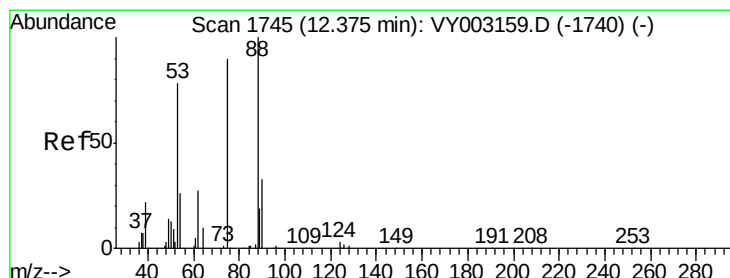
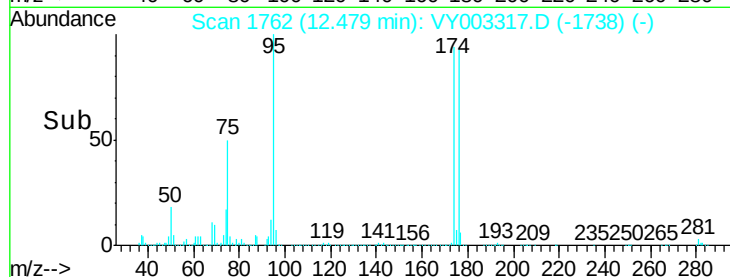
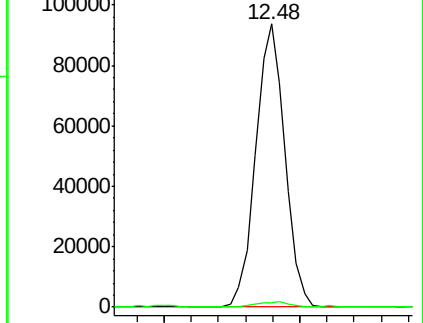
75 100

77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 105.454 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

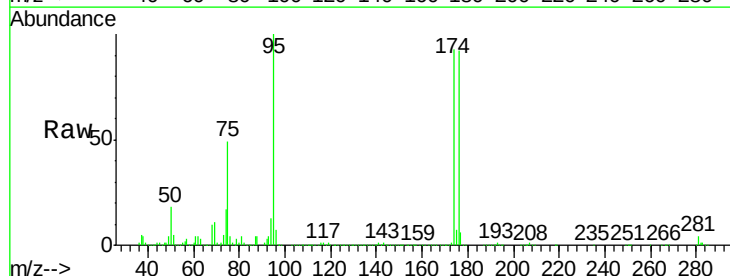
Tgt Ion: 75 Resp: 141138

Ion Ratio Lower Upper

75 100

53 0.2 72.0 108.0#

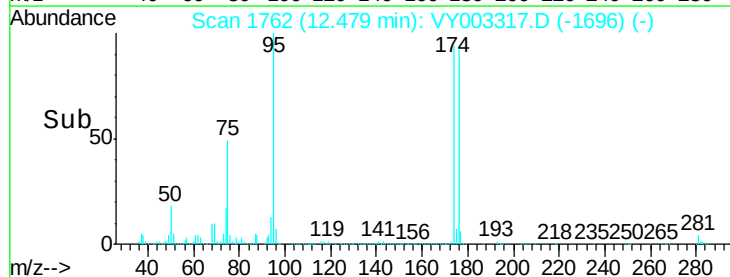
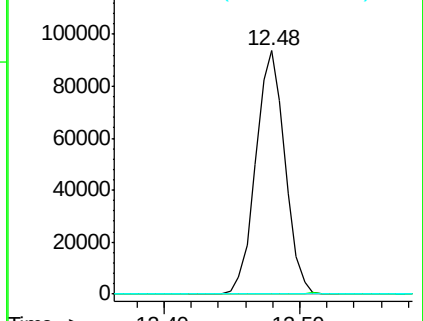
89 0.0 37.3 55.9#

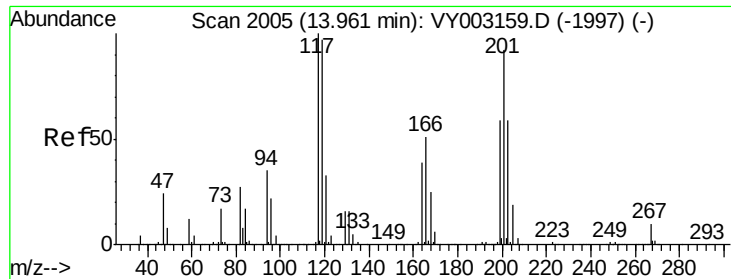


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#90

Hexachloroethane

Concen: 3.311 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

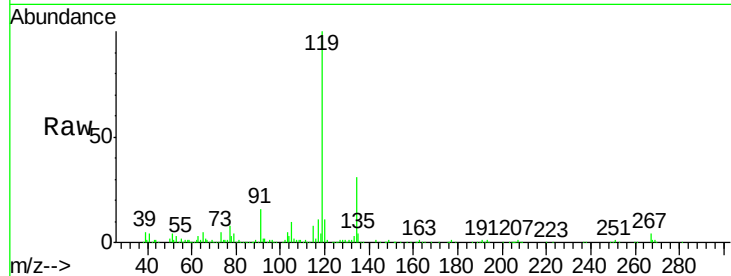
TT-024-IDWSO-20200722

Tot Ion:117 Resp: 10670

Ion Ratio Lower Upper

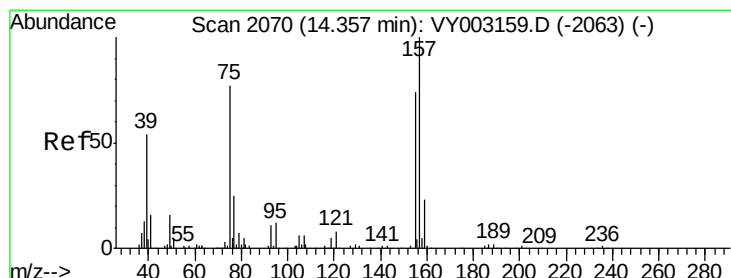
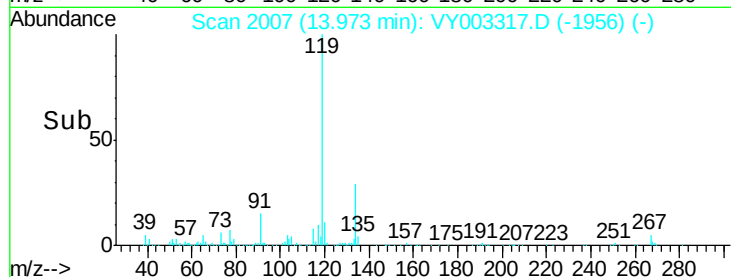
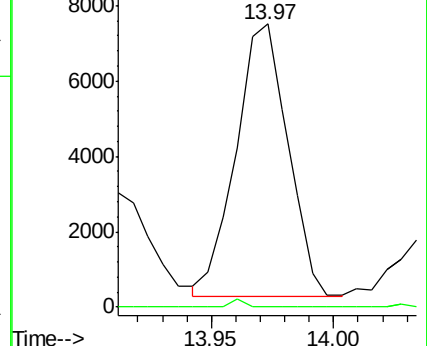
117 100

201 0.7 45.1 135.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.744 ug/l

RT: 14.33 min Scan# 2066

Delta R.T. -0.02 min

Lab File: VY003317.D

Acq: 23 Jul 2020 15:34

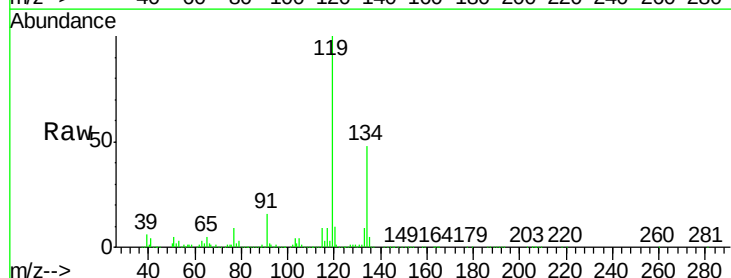
Tgt Ion: 75 Resp: 1611

Ion Ratio Lower Upper

75 100

155 2.5 48.1 144.3#

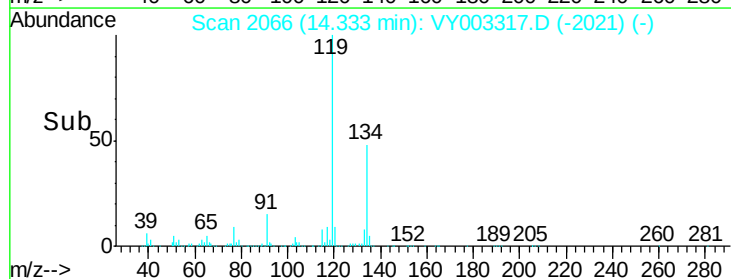
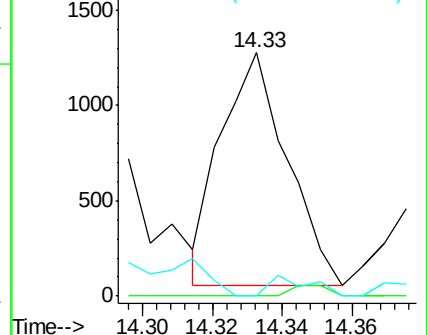
157 5.5 61.9 185.6#

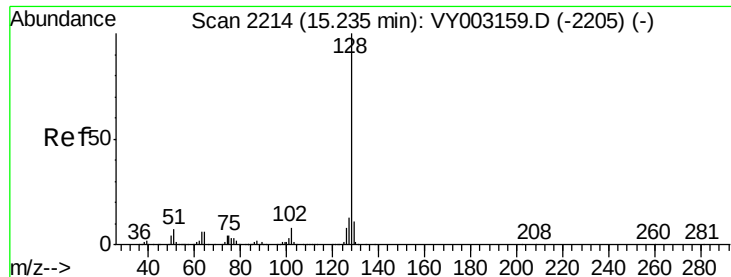


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

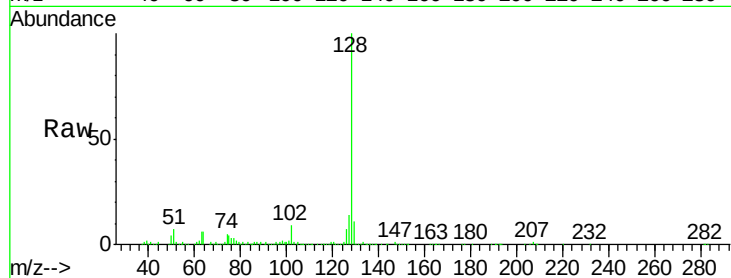




#95
Naphthalene
Concen: 21.878 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003317.D
Acq: 23 Jul 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-024-IDWSO-20200722

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.7	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

