

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003266.D
 Acq On : 21 Jul 2020 22:03
 Operator : SY/MD
 Sample : L3324-04
 Misc : 7.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26948

Quant Time: Jul 22 02:47:27 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

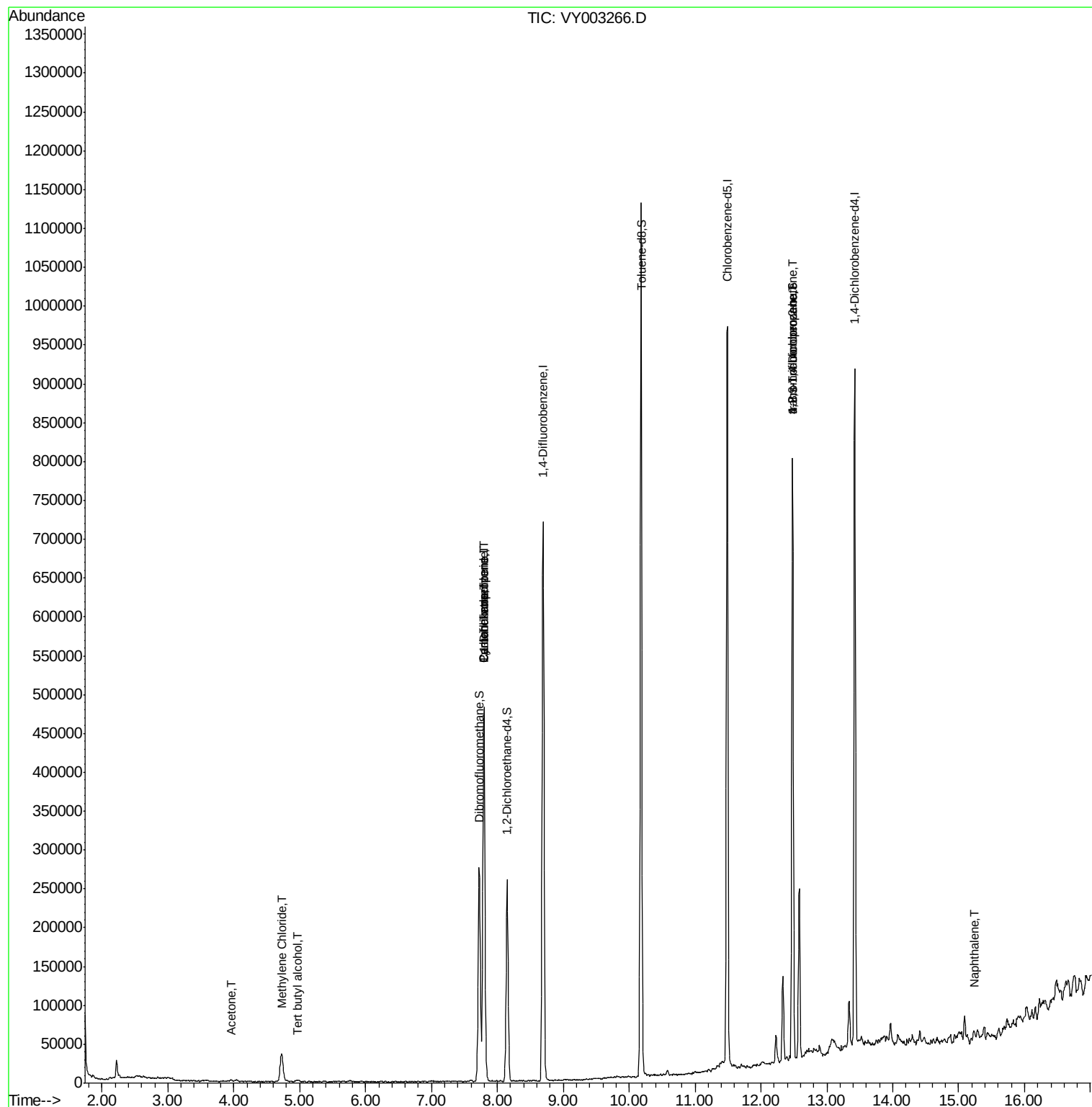
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	397678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	538787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	201495	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
35) Dibromofluoromethane	7.72	113	192213	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.18	98	734435	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.48	95	216404	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	2287	6.301	ug/l #	93
16) Acetone	3.96	43	3510	4.682	ug/l	91
20) Methylene Chloride	4.72	84	28316	2.259	ug/l	91
31) Cyclohexane	7.79	56	7188	1.177	ug/l #	16
36) 1,1-Dichloropropene	7.80	75	26187	4.694	ug/l #	50
38) Carbon Tetrachloride	7.80	117	36179	6.281	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	113674	55.906	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	113674	108.804	ug/l #	13
95) Naphthalene	15.24	128	10564	1.451	ug/l #	93

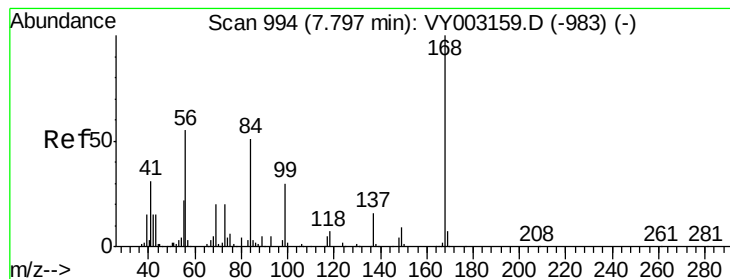
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
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: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

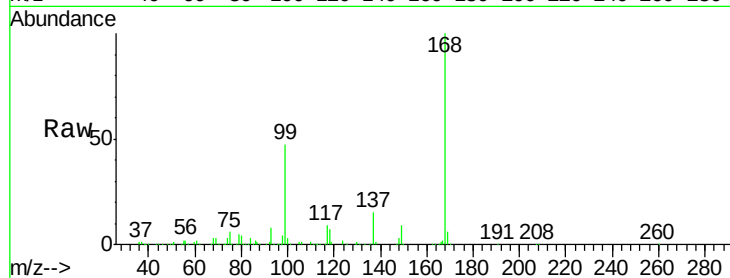
CHRT-26948

Tot Ion:168 Resp: 397678

Ion Ratio Lower Upper

168 100

99 46.5 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

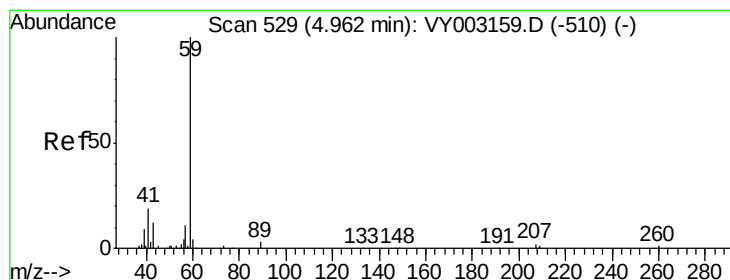
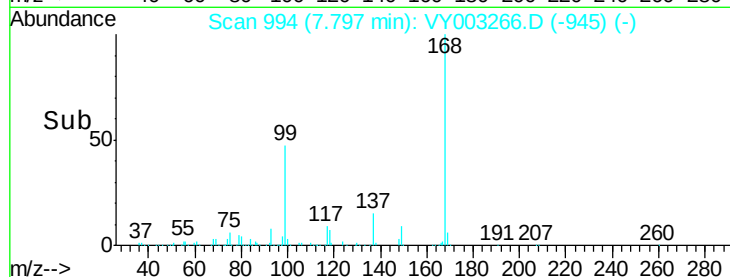
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.301 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003266.D

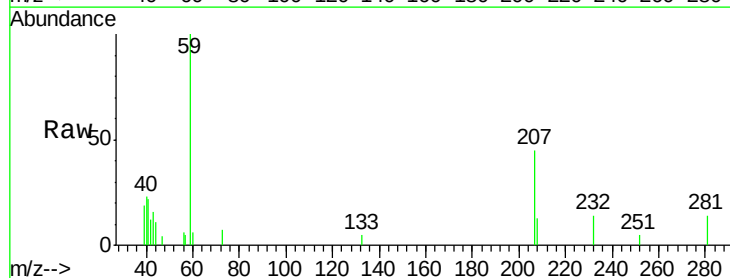
Acq: 21 Jul 2020 22:03

Tgt Ion: 59 Resp: 2287

Ion Ratio Lower Upper

59 100

57 8.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003159.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003159.D (-510) (-)

4.96

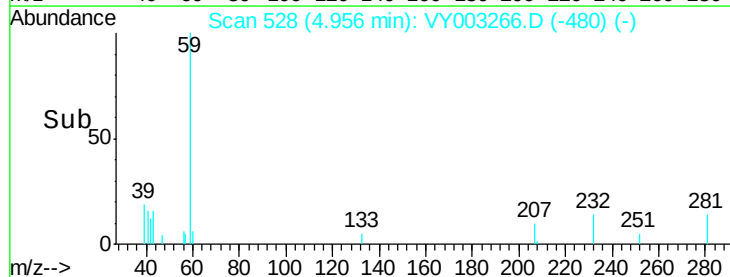
1500

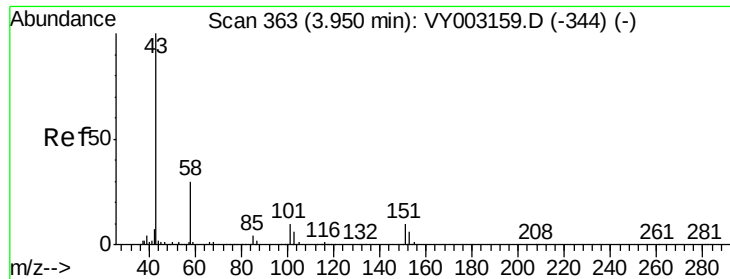
1000

500

0

Time-->





#16

Acetone

Concen: 4.682 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampled :

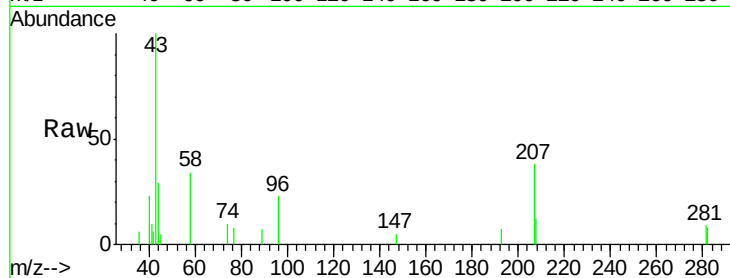
CHRT-26948

Tot Ion: 43 Resp: 3510

Ion Ratio Lower Upper

43 100

58 34.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

1500

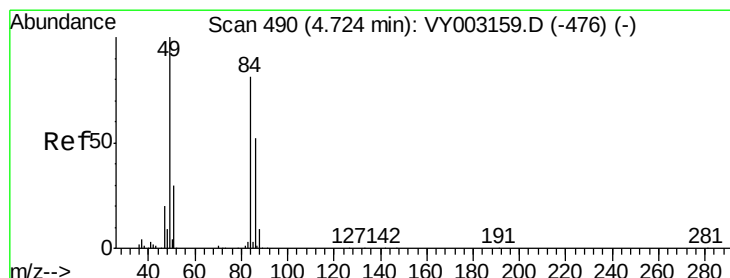
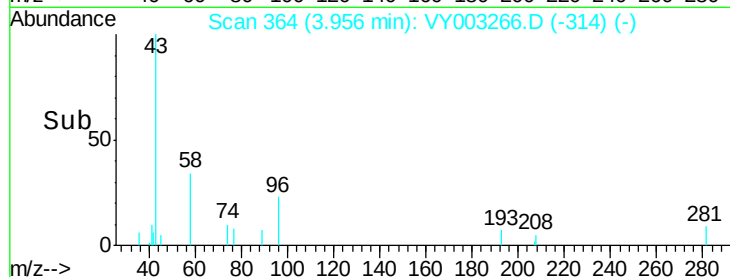
1000

500

0

3.85 3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 2.259 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Tgt Ion: 84 Resp: 28316

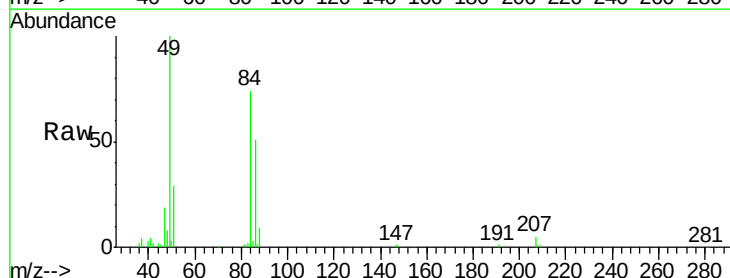
Ion Ratio Lower Upper

84 100

49 136.0 98.2 147.4

51 39.7 29.8 44.6

86 69.7 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) (-)

15000

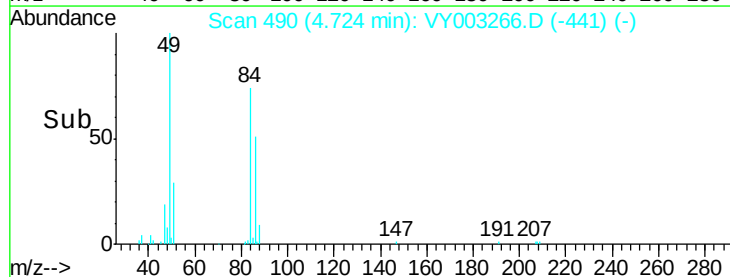
10000

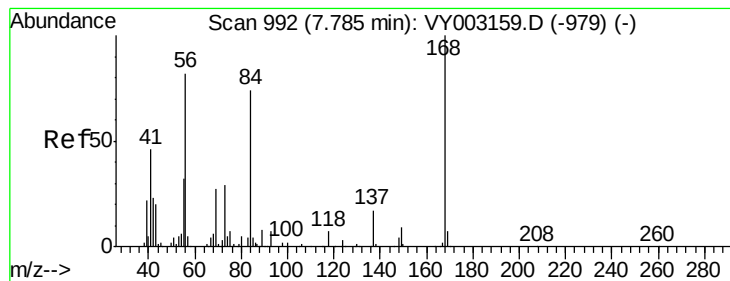
5000

0

4.60 4.70 4.80

Time-->





#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26948

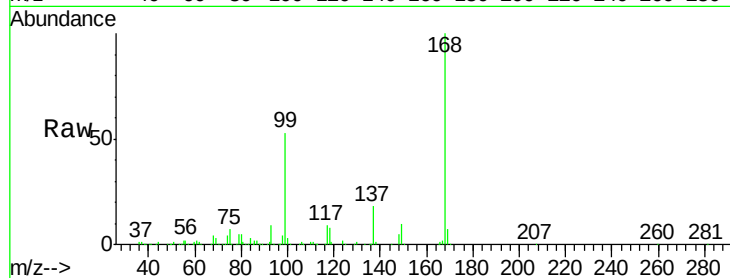
Tot Ion: 56 Resp: 7188

Ion Ratio Lower Upper

56 100

69 141.7 26.7 40.1#

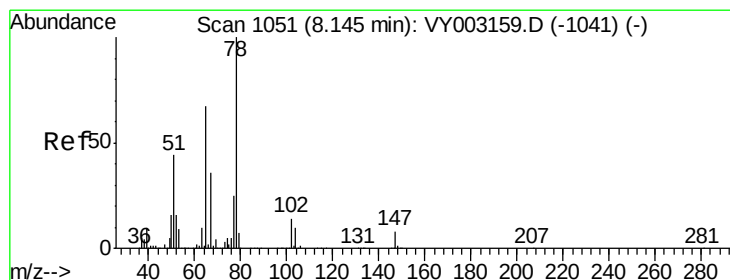
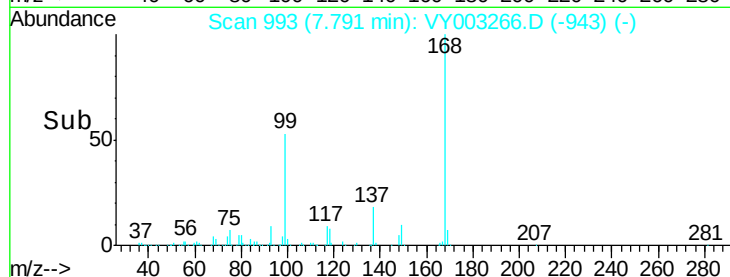
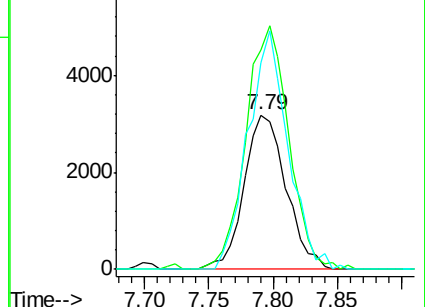
84 133.2 72.3 108.5#



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: 60.031 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003266.D

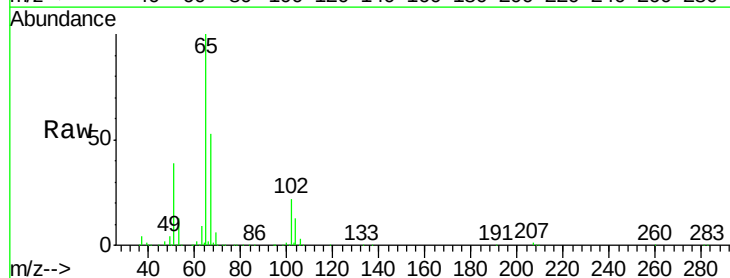
Acq: 21 Jul 2020 22:03

Tgt Ion: 65 Resp: 201495

Ion Ratio Lower Upper

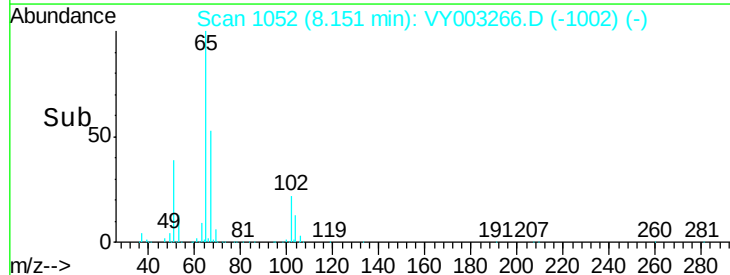
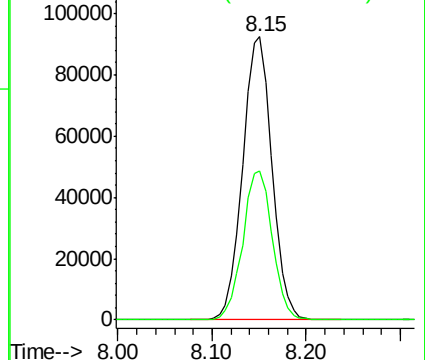
65 100

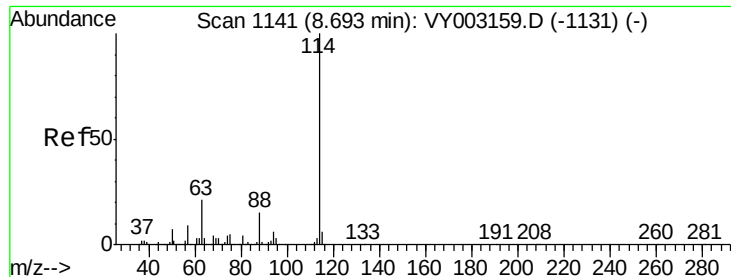
67 53.2 0.0 105.2



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: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26948

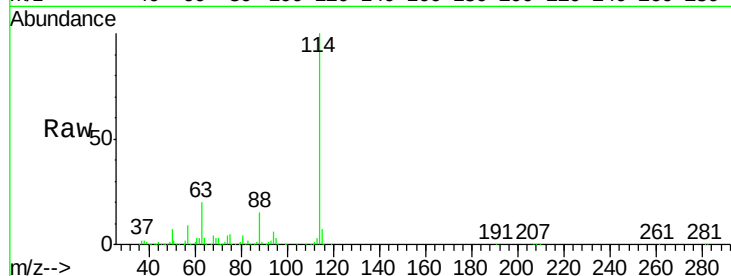
Tot Ion:114 Resp: 615597

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

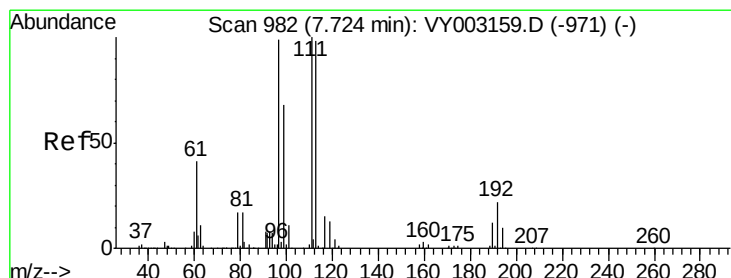
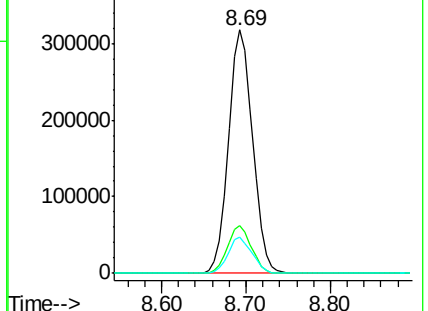
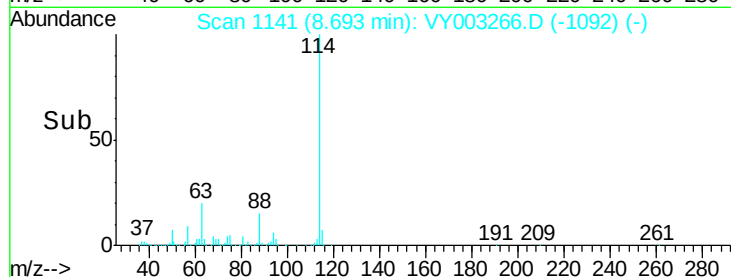
88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 54.257 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

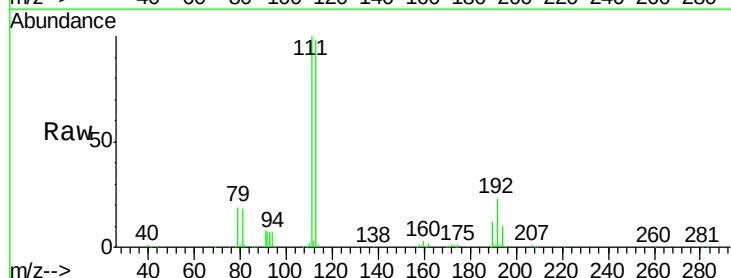
Tgt Ion:113 Resp: 192213

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

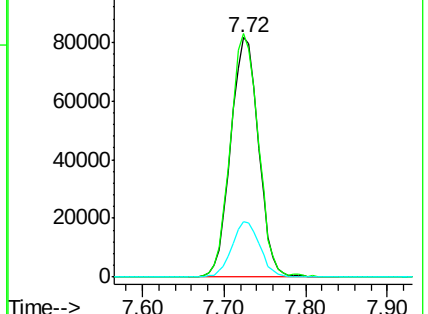
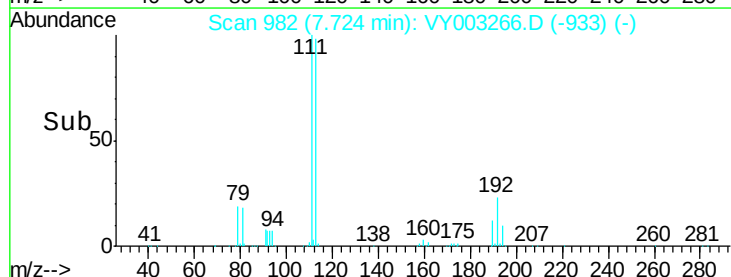
192 23.1 18.8 28.2

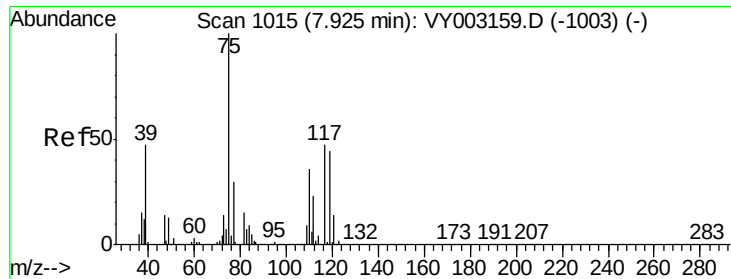


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26948

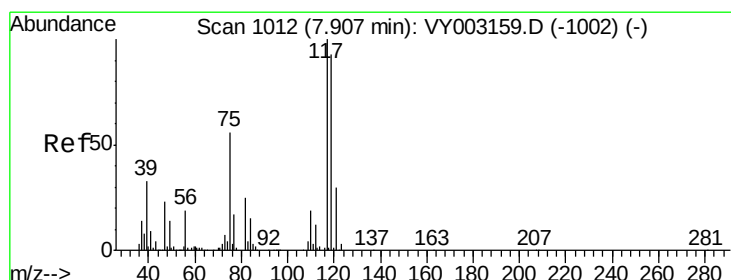
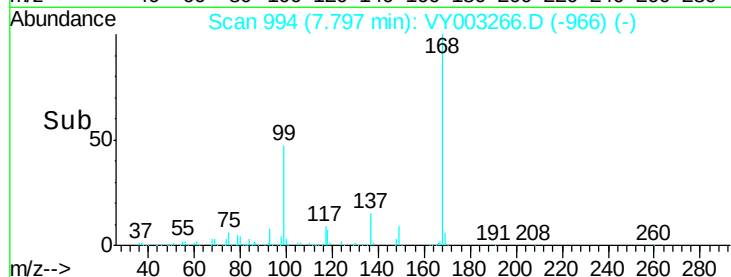
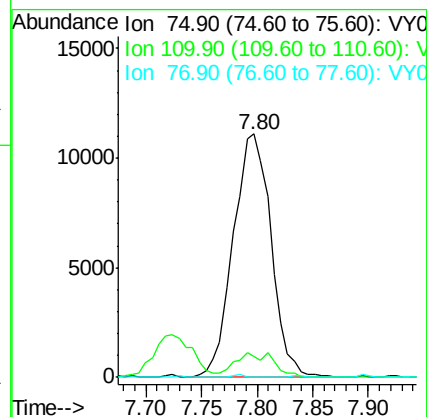
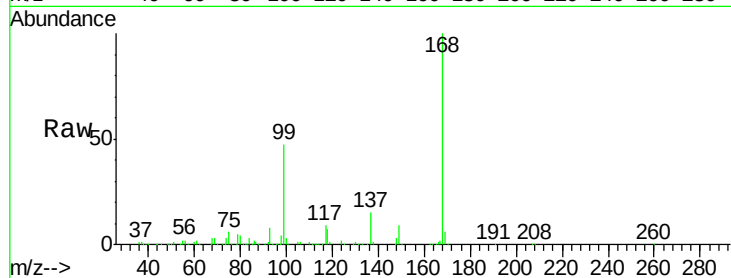
Tot Ion: 75 Resp: 26187

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.1#

77 0.3 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.281 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

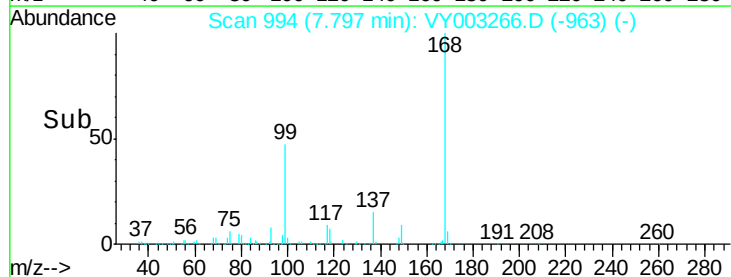
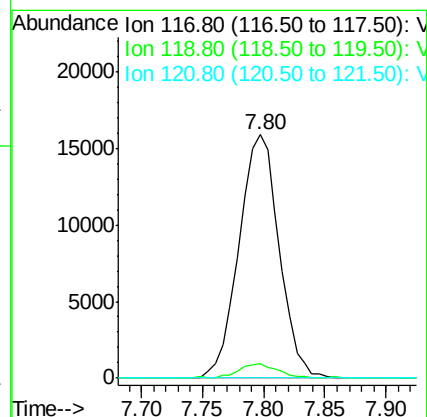
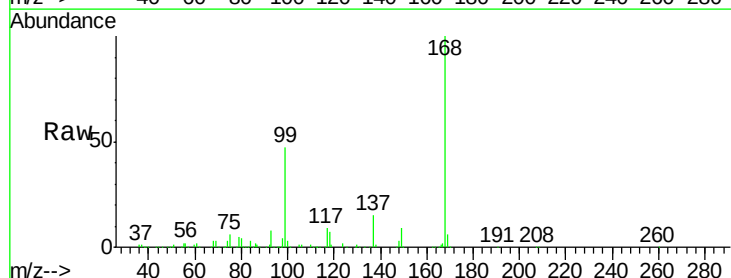
Tgt Ion: 117 Resp: 36179

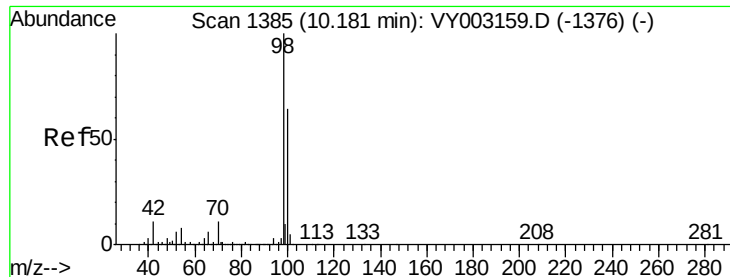
Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 55.762 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

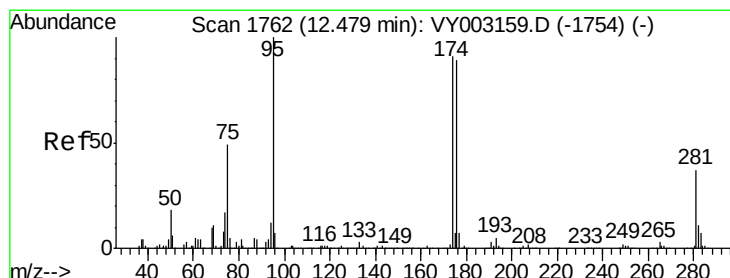
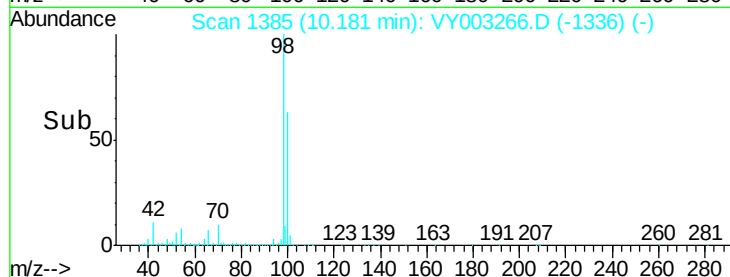
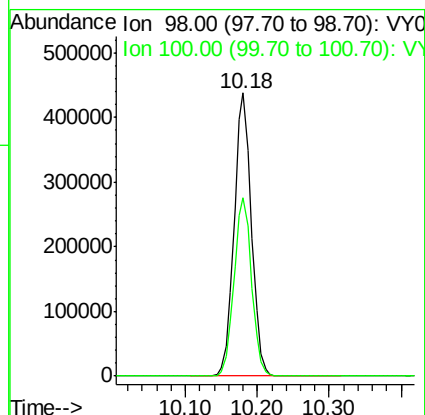
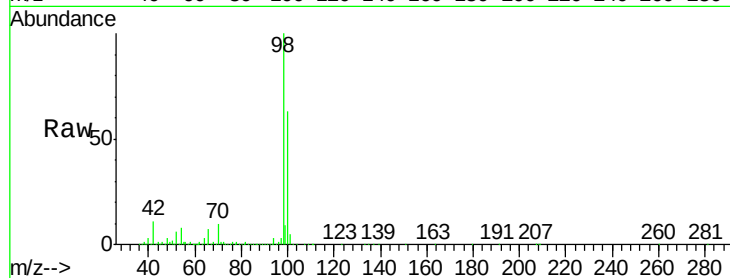
CHRT-26948

Tot Ion: 98 Resp: 734435

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 45.481 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

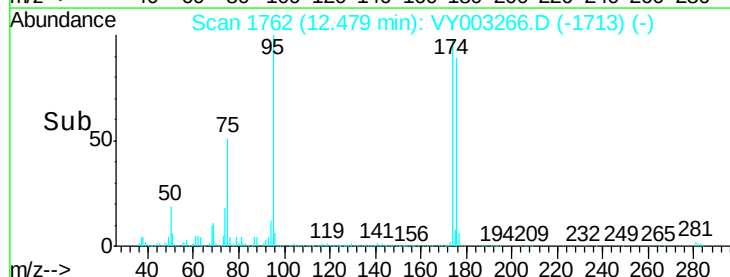
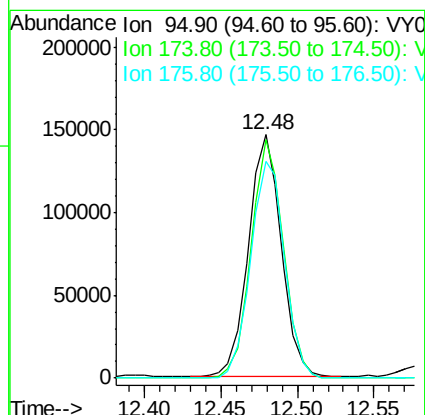
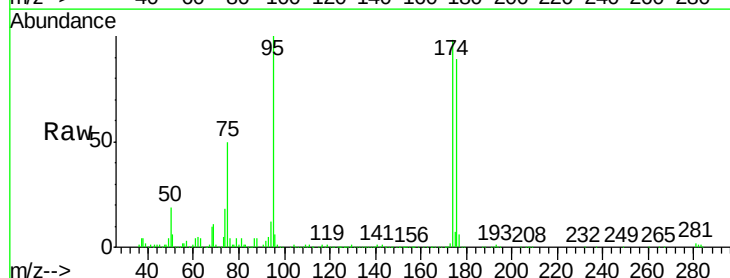
Tgt Ion: 95 Resp: 216404

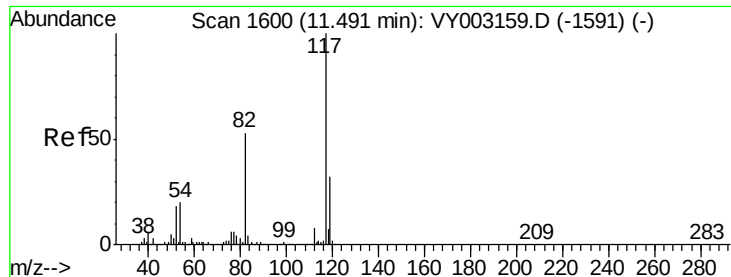
Ion Ratio Lower Upper

95 100

174 97.7 0.0 190.6

176 93.1 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: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26948

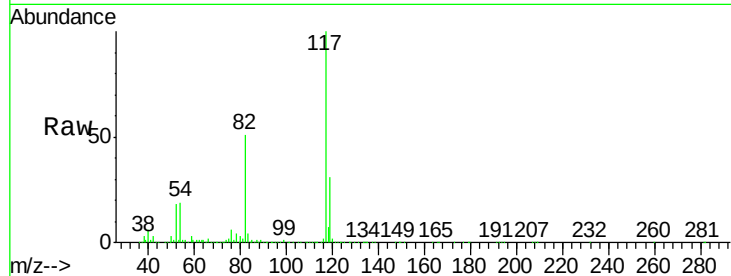
Tot Ion:117 Resp: 538787

Ion Ratio Lower Upper

117 100

82 51.1 42.0 63.0

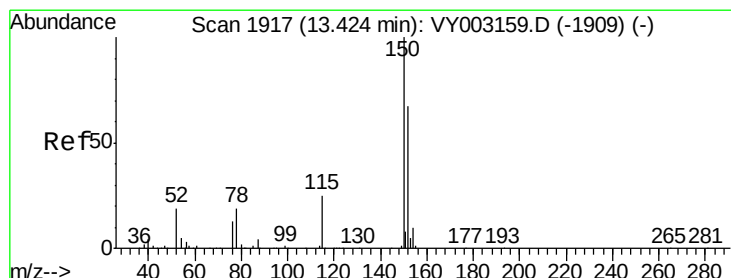
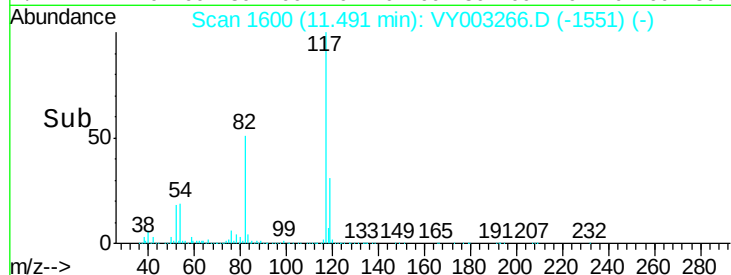
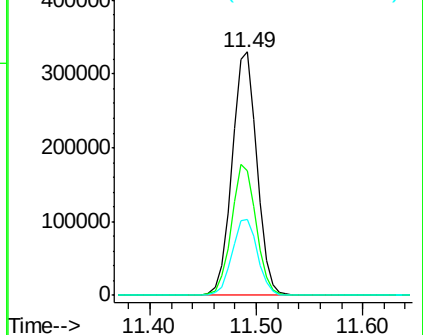
119 31.2 25.5 38.3



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: VY003266.D

Acq: 21 Jul 2020 22:03

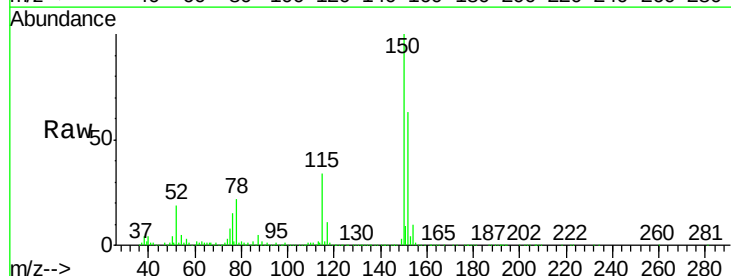
Tgt Ion:152 Resp: 229707

Ion Ratio Lower Upper

152 100

115 53.4 26.9 80.7

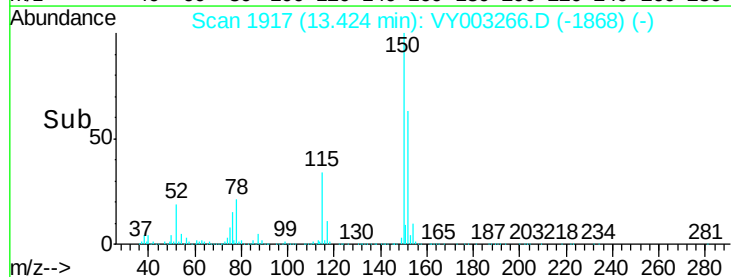
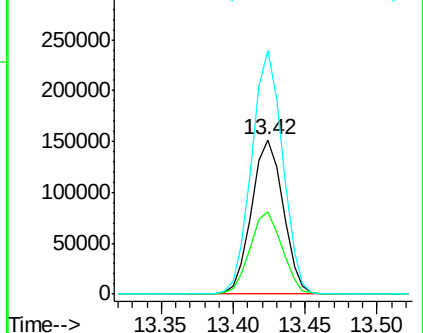
150 154.8 0.0 338.0

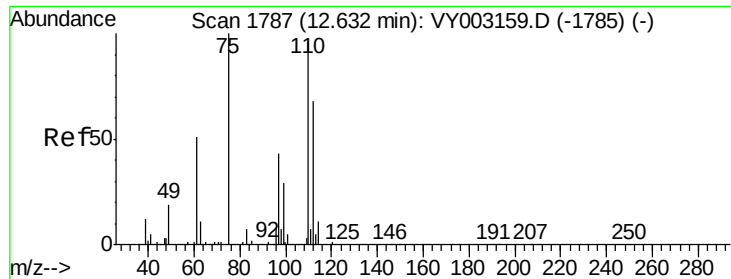


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.906 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampled :

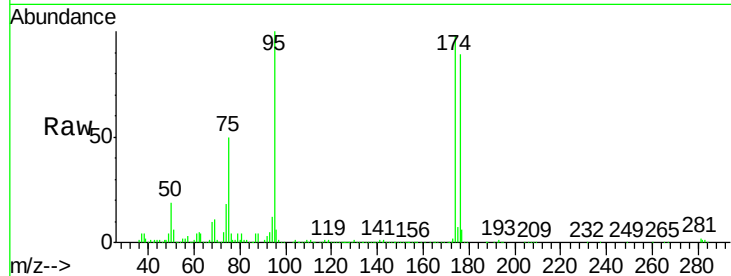
CHRT-26948

Tot Ion: 75 Resp: 113674

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

80000

60000

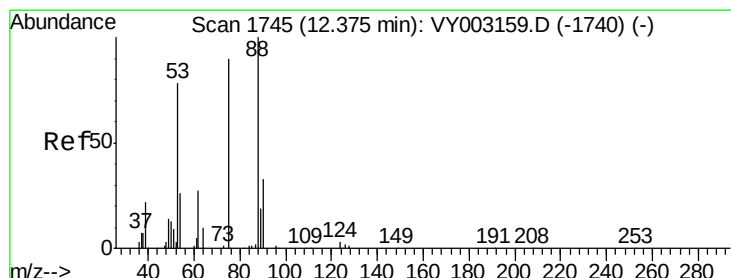
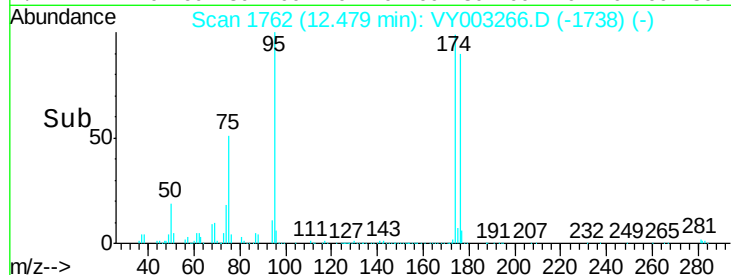
40000

20000

0

12.40 12.45 12.50 12.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 108.804 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

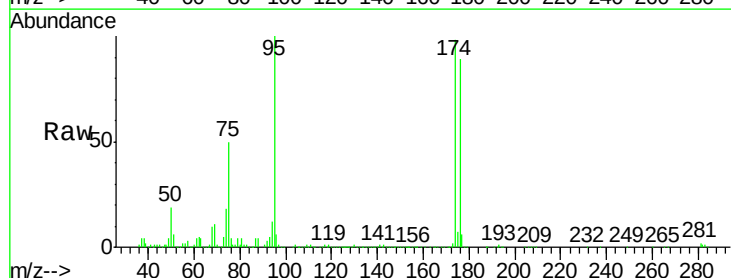
Tgt Ion: 75 Resp: 113674

Ion Ratio Lower Upper

75 100

53 0.0 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

100000

80000

60000

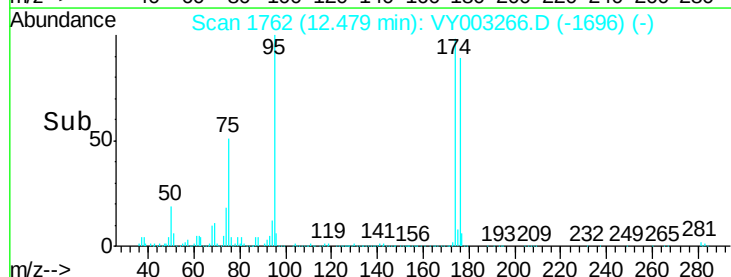
40000

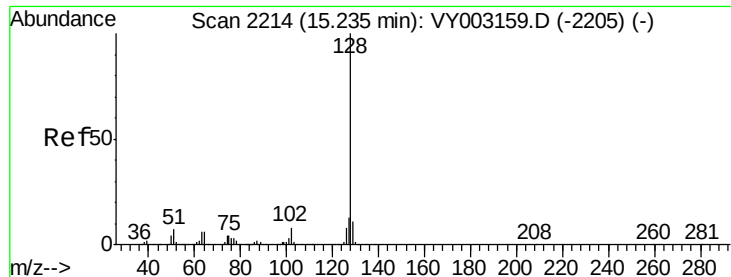
20000

0

12.40 12.45 12.50 12.55

Time-->





#95

Naphthalene

Concen: 1.451 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003266.D

Acq: 21 Jul 2020 22:03

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26948

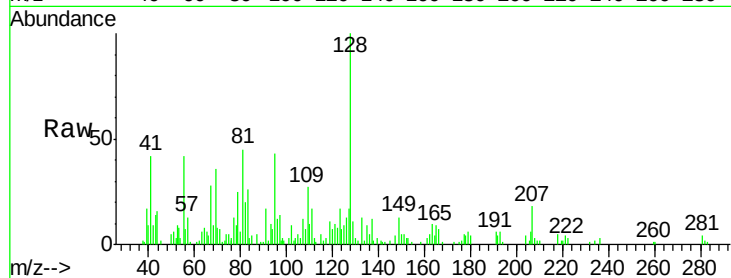
Tot Ion:128 Resp: 10564

Ion Ratio Lower Upper

128 100

127 17.0 10.9 16.3#

129 13.6 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

