

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
 Data File : VY002839.D
 Acq On : 04 Jun 2020 13:53
 Operator : SY/MD
 Sample : L2858-01
 Misc : 5.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT27247

Quant Time: Jun 04 16:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	456580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164281	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139877	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	7.72	113	143053	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	10.18	98	526328	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.48	95	159184	43.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.10%	

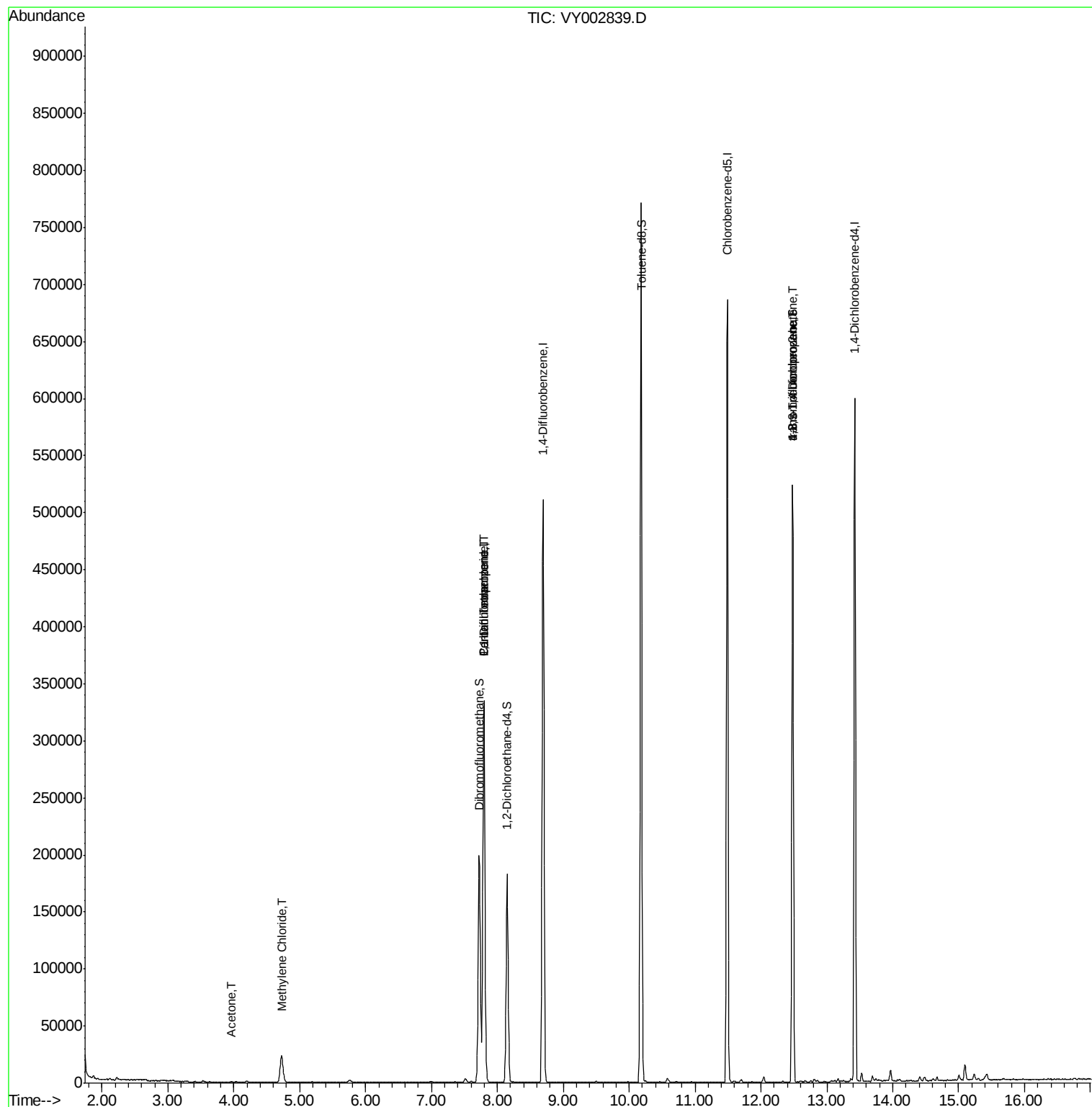
Target Compounds						Qvalue
11) Tert butyl alcohol	4.96	59	82	Below Cal	#	74
16) Acetone	3.96	43	1171	2.03	ug/l	98
18) Methyl Acetate	4.48	43	626	Below Cal	#	48
20) Methylene Chloride	4.72	84	19388	6.87	ug/l	95
36) 1,1-Dichloropropene	7.80	75	17165	4.46	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	24661	5.77	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	75931	51.29	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	75931	96.64	ug/l	# 17

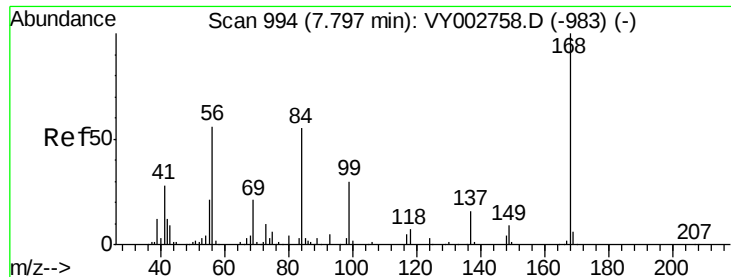
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

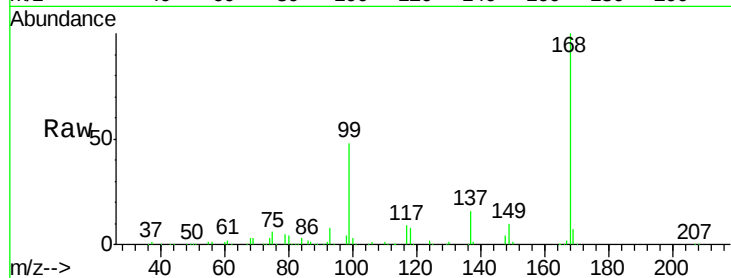
CHRT27247

Tgt Ion:168 Resp: 283600

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002839.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002839.D (-945) (-)

7.80

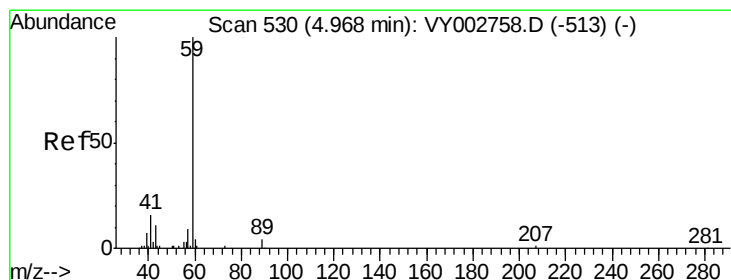
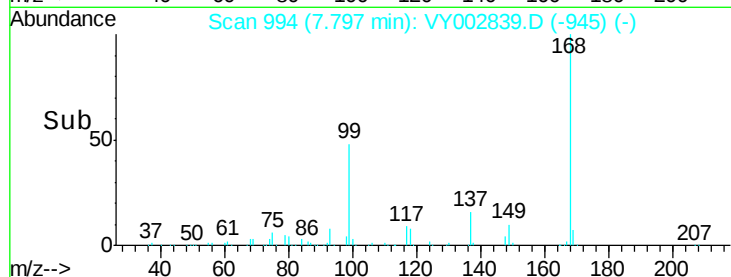
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002839.D

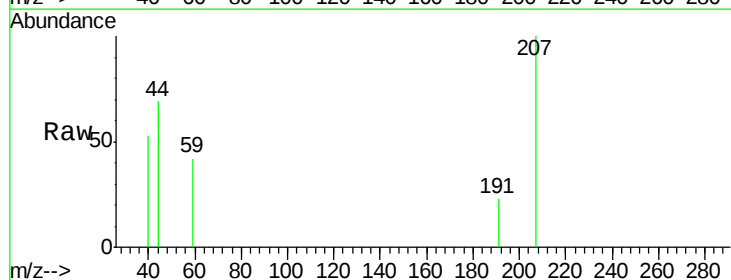
Acq: 04 Jun 2020 13:53

Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002839.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002839.D (-481) (-)

4.96

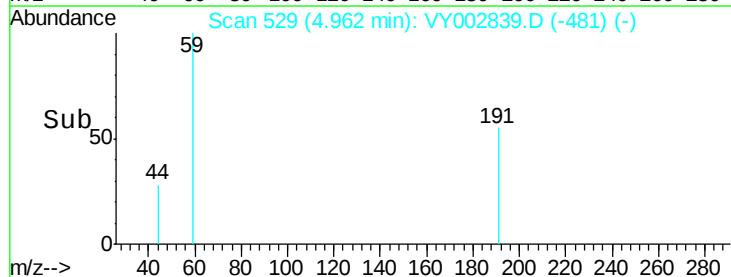
150

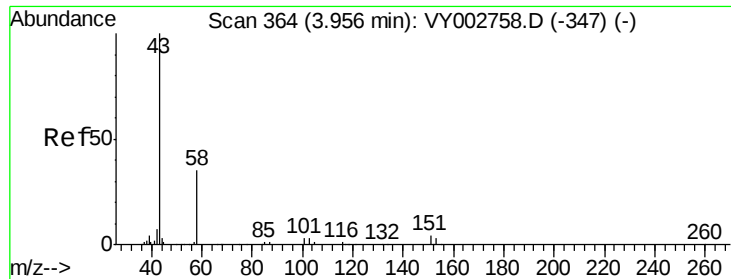
100

50

0

Time-->





#16

Acetone

Concen: 2.03 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

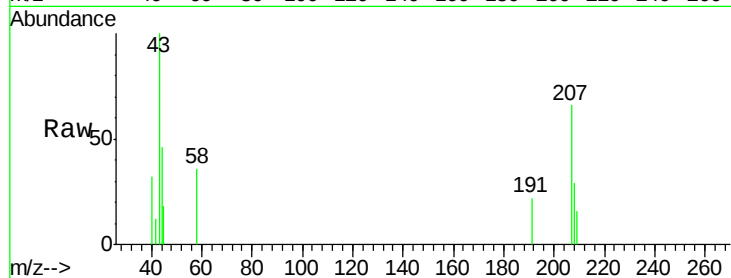
CHRT27247

Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

58 35.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

400

300

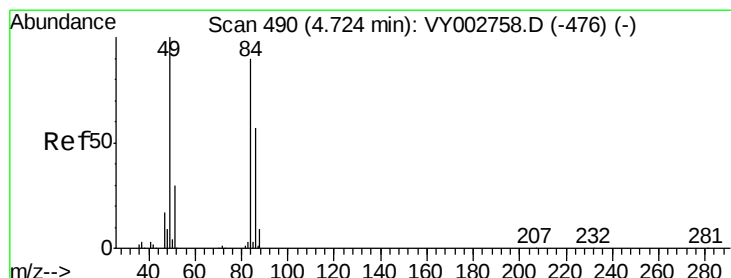
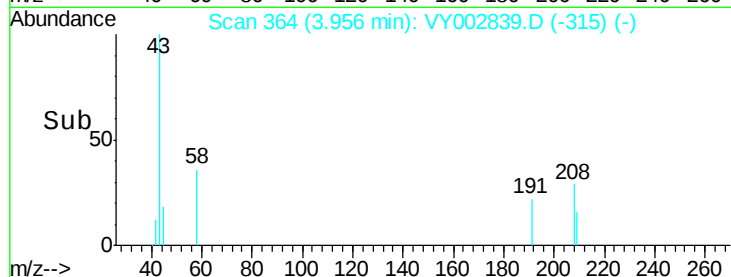
200

100

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 6.87 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Tgt Ion: 84 Resp: 19388

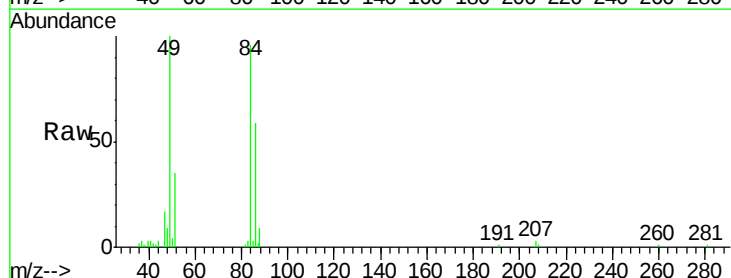
Ion Ratio Lower Upper

84 100

49 104.2 88.5 132.7

51 36.0 26.8 40.2

86 61.3 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

10000

8000

6000

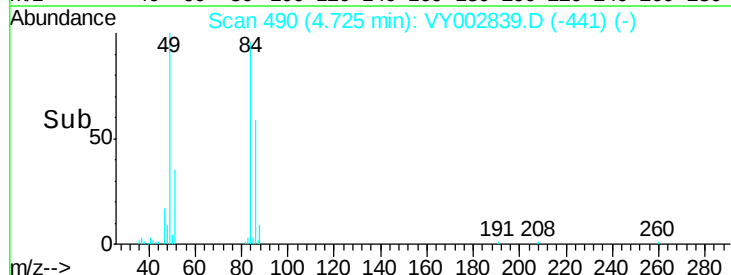
4000

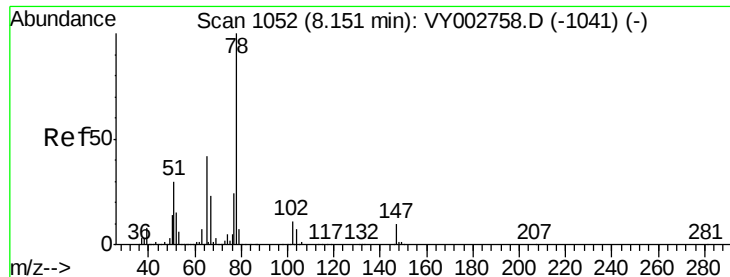
2000

0

4.60 4.70 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.80 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

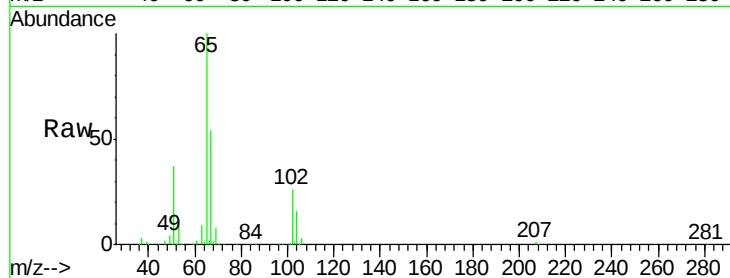
CHRT27247

Tgt Ion: 65 Resp: 139877

Ion Ratio Lower Upper

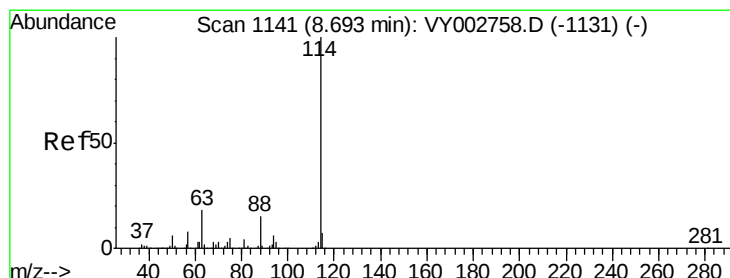
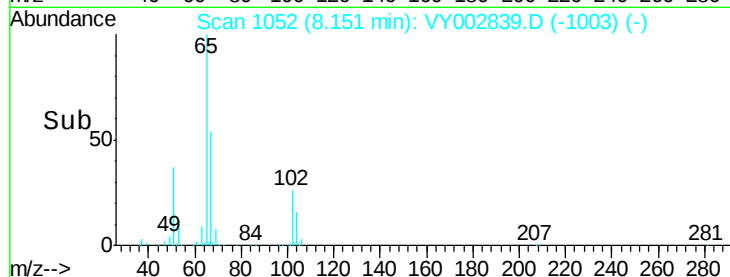
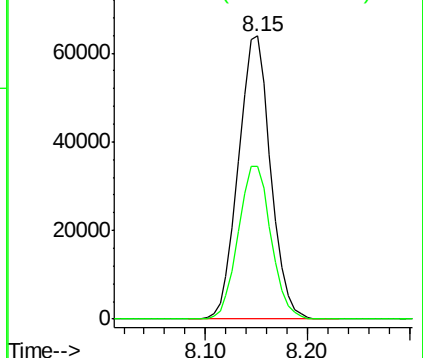
65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

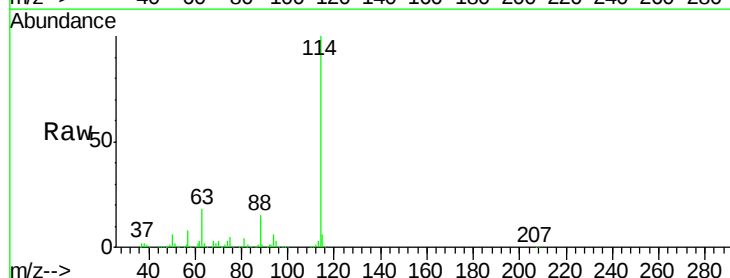
Tgt Ion: 114 Resp: 456580

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

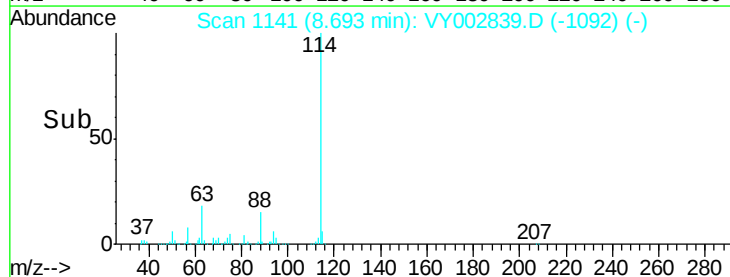
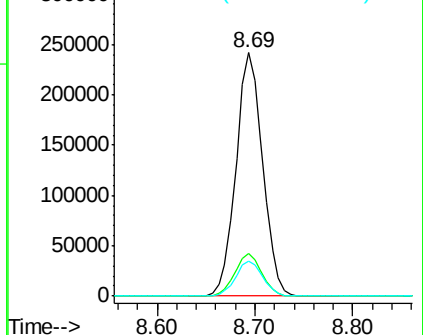
88 14.6 0.0 29.2

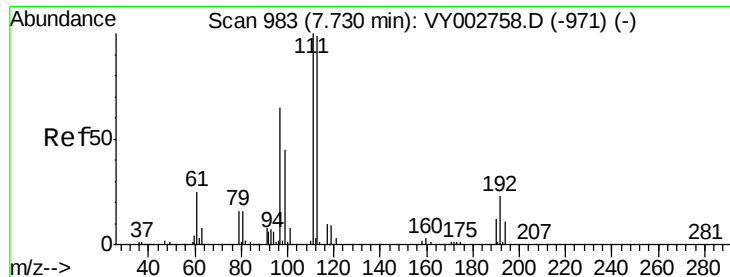


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

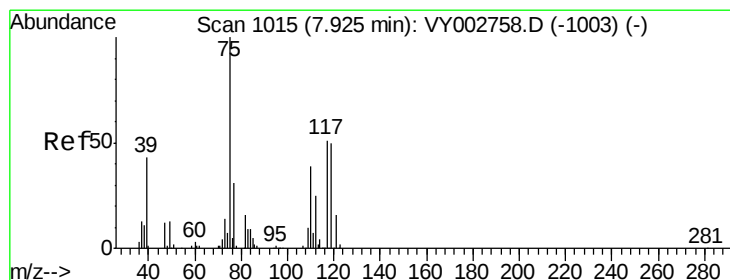
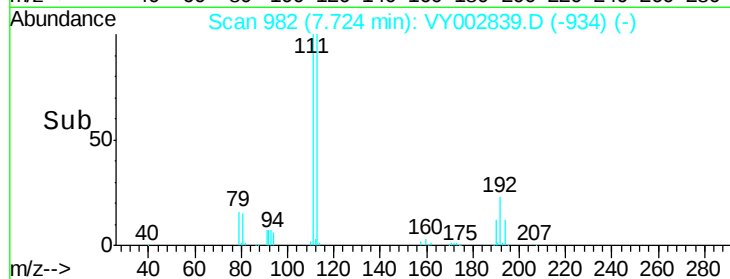
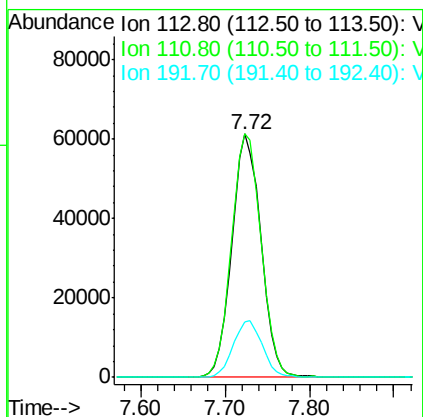
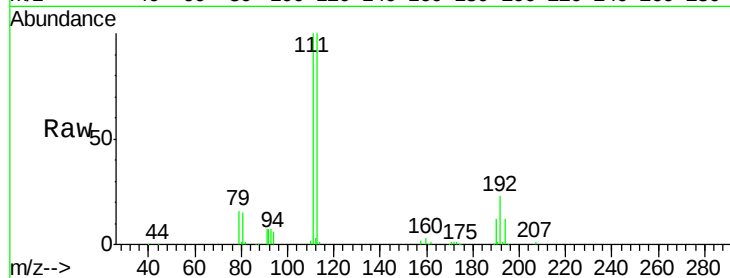




#35
 Dibromofluoromethane
 Concen: 53.46 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002839.D
 Acq: 04 Jun 2020 13:53

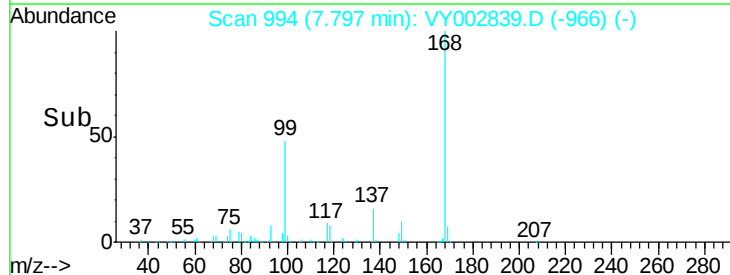
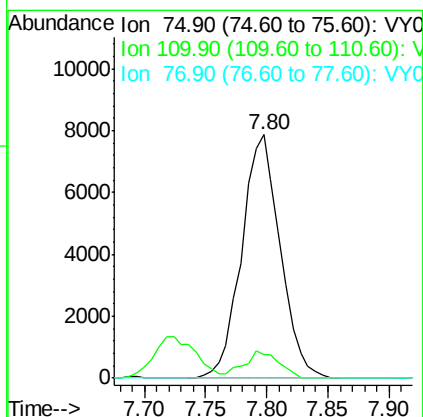
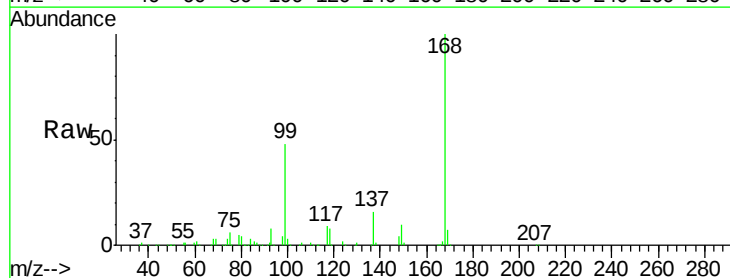
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT27247

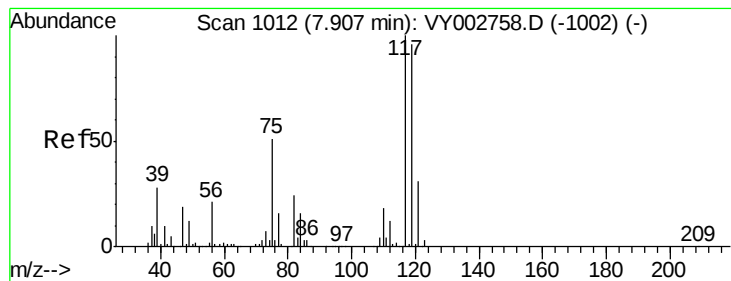
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.2	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.46 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002839.D
 Acq: 04 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.77 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

CHRT27247

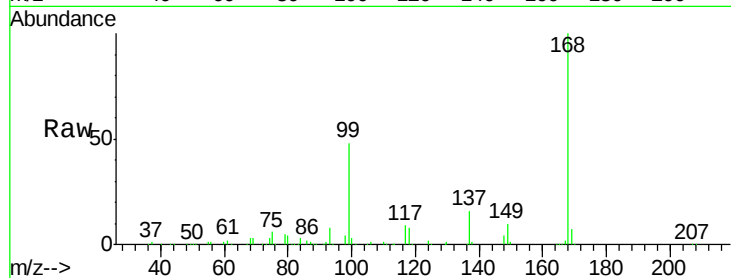
Tgt Ion:117 Resp: 24661

Ion Ratio Lower Upper

117 100

119 4.7 76.8 115.2#

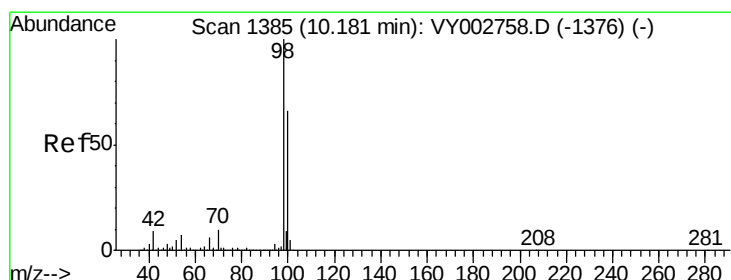
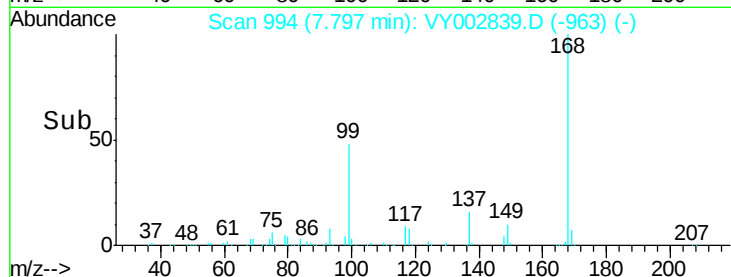
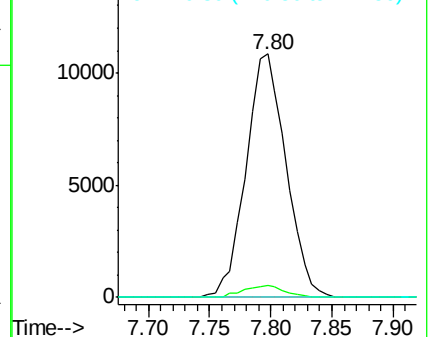
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.65 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002839.D

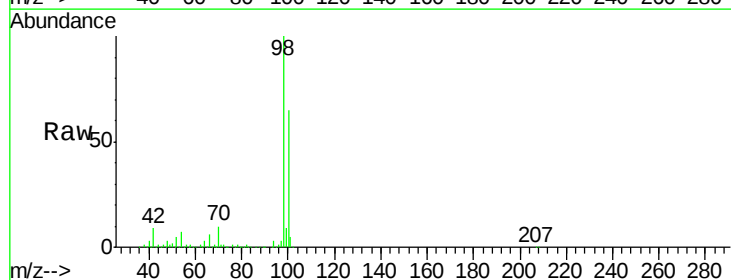
Acq: 04 Jun 2020 13:53

Tgt Ion: 98 Resp: 526328

Ion Ratio Lower Upper

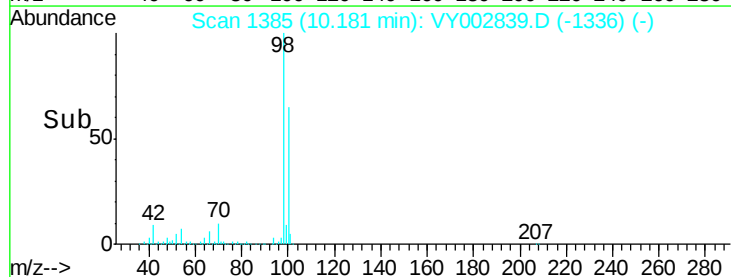
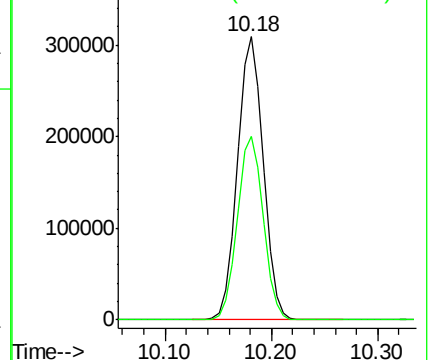
98 100

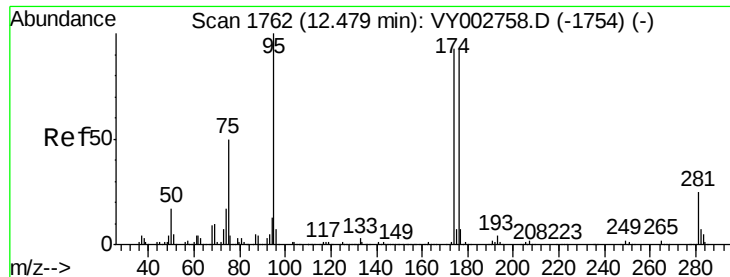
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 43.05 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

CHRT27247

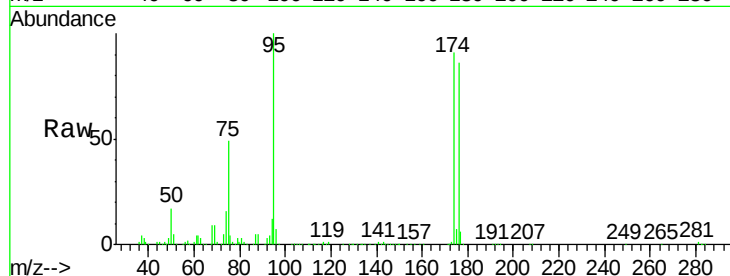
Tgt Ion: 95 Resp: 159184

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

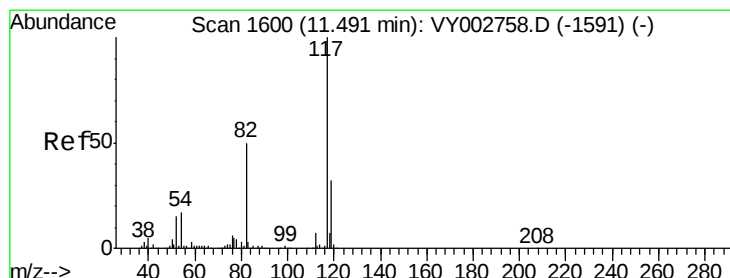
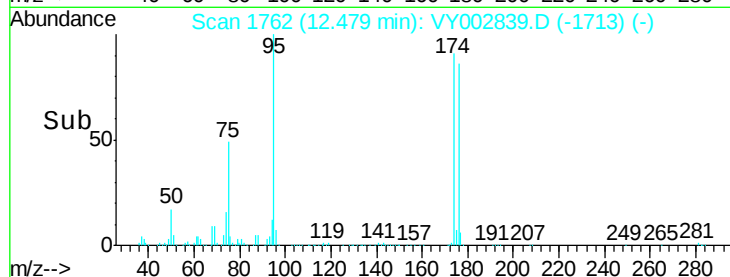
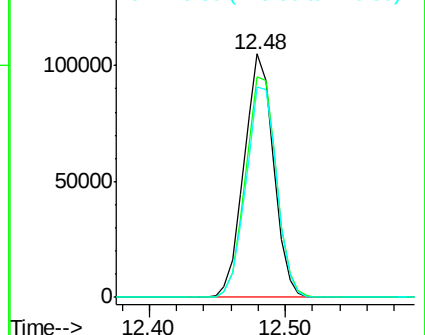
176 90.6 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002839.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002839.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002839.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

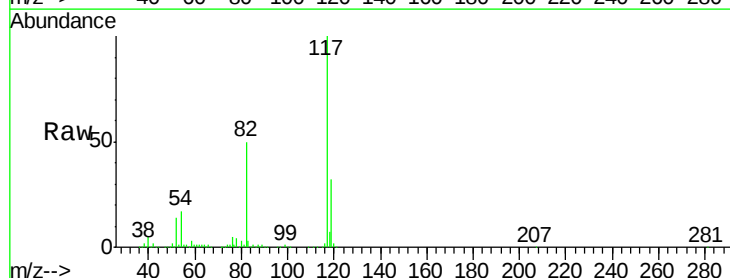
Tgt Ion: 117 Resp: 400199

Ion Ratio Lower Upper

117 100

82 50.2 40.2 60.4

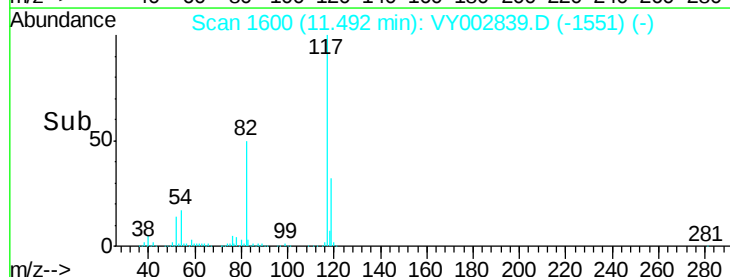
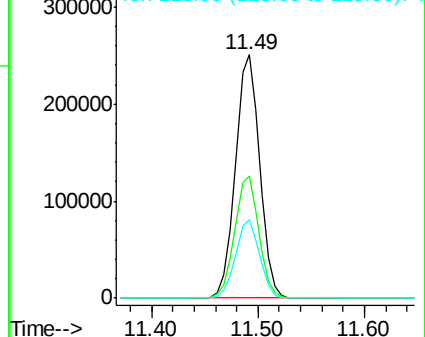
119 32.3 25.8 38.8

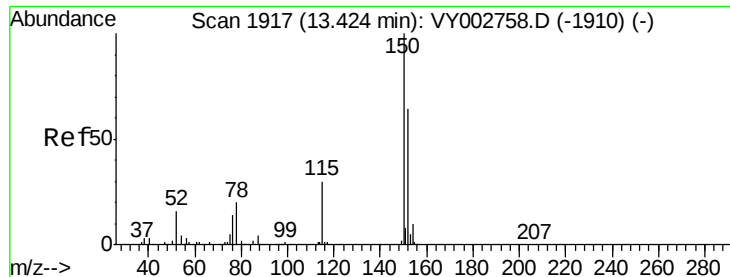


Abundance Ion 116.90 (116.60 to 117.60): VY002839.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002839.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002839.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

CHRT27247

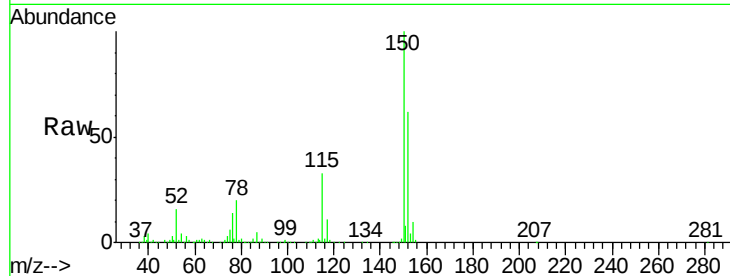
Tgt Ion: 152 Resp: 164281

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

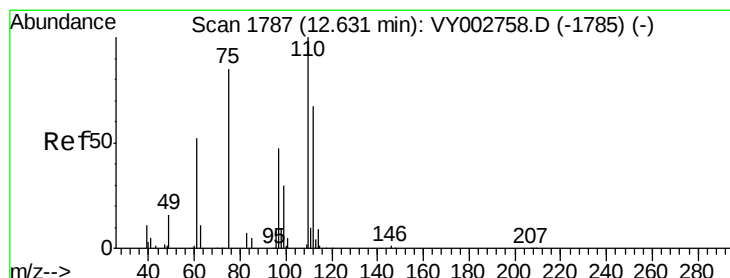
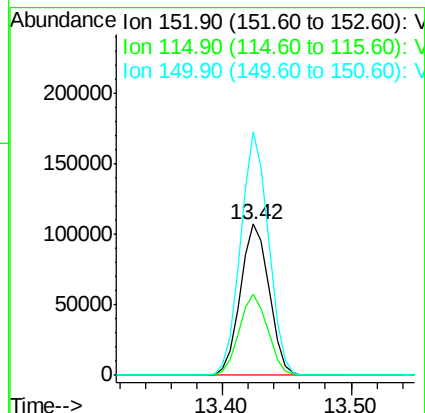
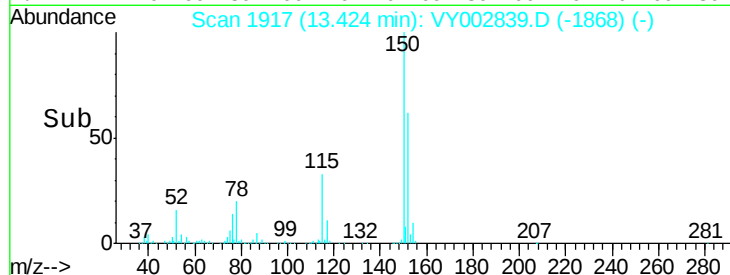
150 156.9 0.0 344.8



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: 51.29 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002839.D

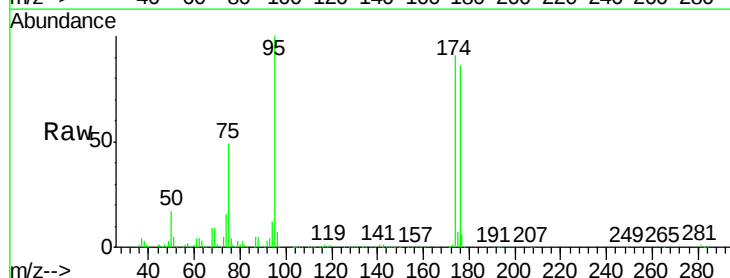
Acq: 04 Jun 2020 13:53

Tgt Ion: 75 Resp: 75931

Ion Ratio Lower Upper

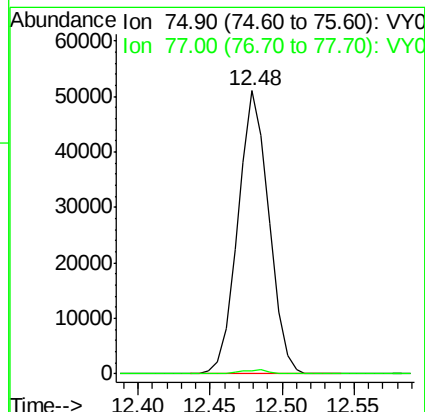
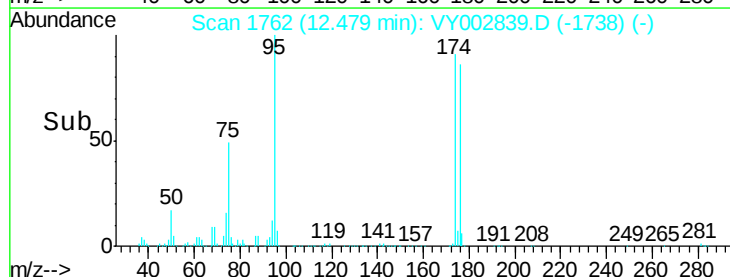
75 100

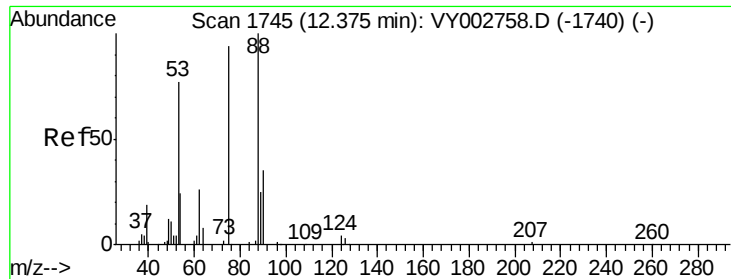
77 1.3 0.0 0.0#



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: 96.64 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002839.D

Acq: 04 Jun 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

CHRT27247

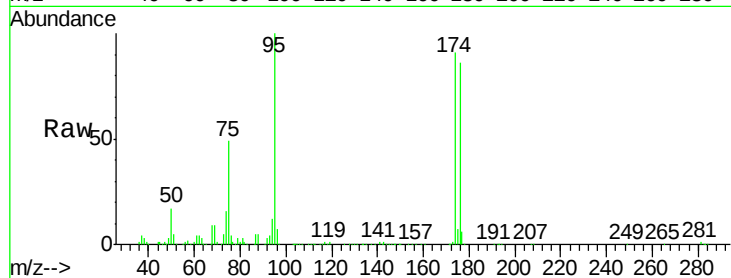
Tgt Ion: 75 Resp: 75931

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



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

