

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002563.D
 Acq On : 05 May 2020 00:51
 Operator : SY/MD
 Sample : L2463-18
 Misc : 9.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:18:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

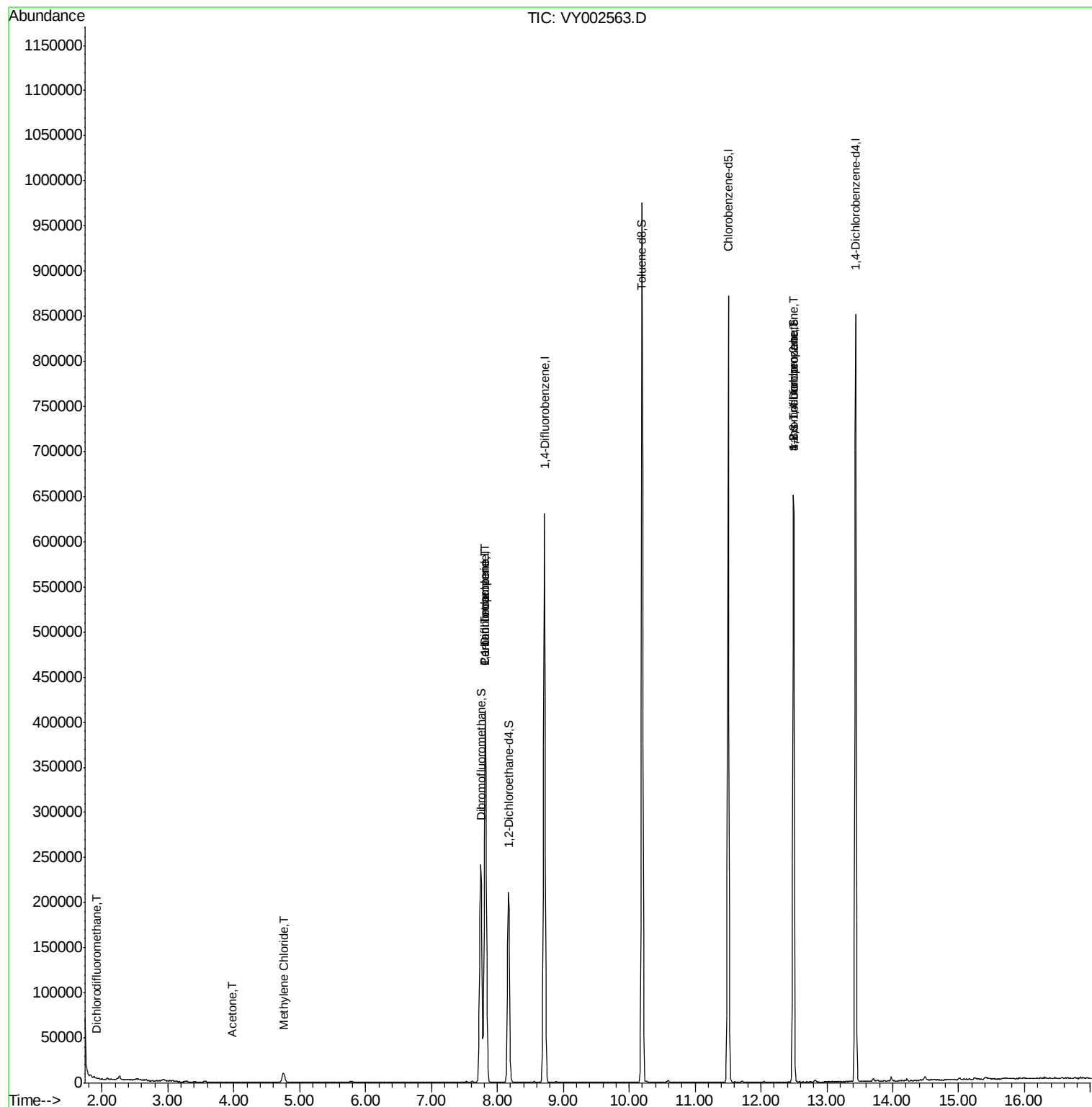
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	351347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	566147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	500372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	228473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	163119	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	7.75	113	172029	53.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.26%	
50) Toluene-d8	10.19	98	660582	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.49	95	208381	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	83	1.812	ug/l #	37
16) Acetone	3.98	43	682	1.119	ug/l #	84
20) Methylene Chloride	4.76	84	7957	2.334	ug/l	94
36) 1,1-Dichloropropene	7.82	75	22228	4.683	ug/l #	49
38) Carbon Tetrachloride	7.82	117	31100	6.002	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	101241	49.863	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	101241	99.986	ug/l #	15

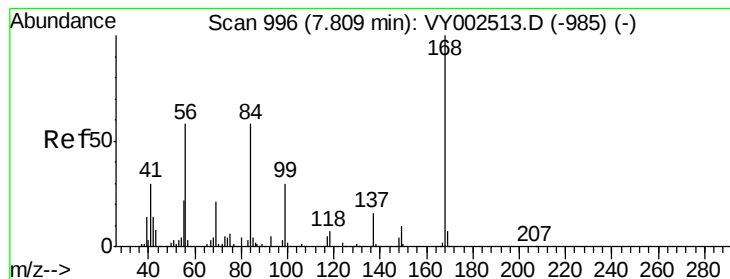
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

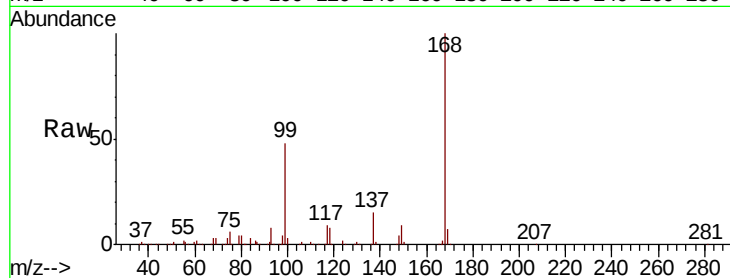
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 351347

Ion Ratio Lower Upper

168 100

99 47.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

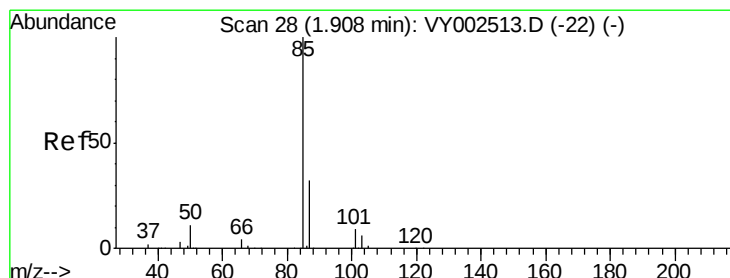
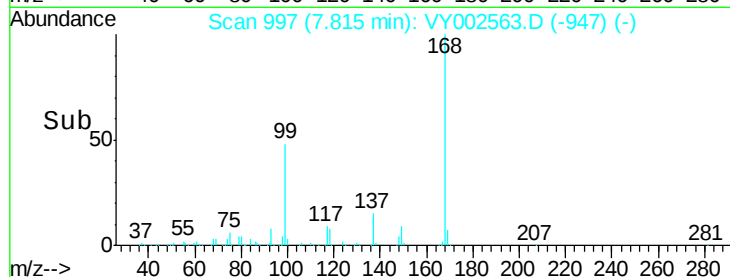
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.812 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002563.D

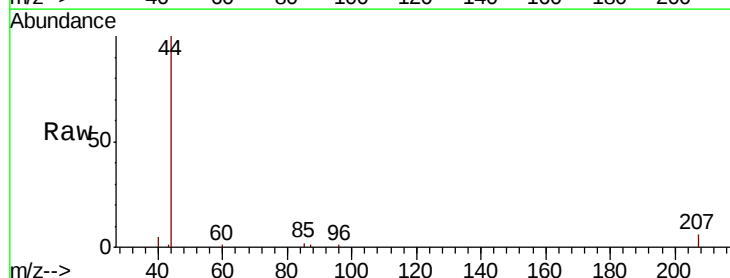
Acq: 05 May 2020 00:51

Tgt Ion: 85 Resp: 83

Ion Ratio Lower Upper

85 100

87 66.7 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

100

80

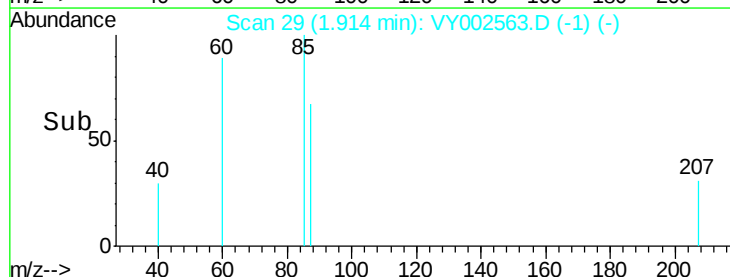
60

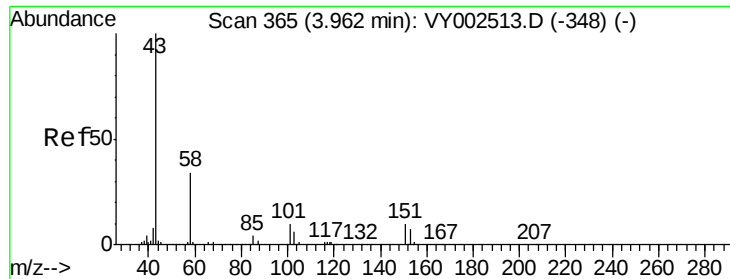
40

20

0

Time-->





#16

Acetone

Concen: 1.119 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Instrument :

MSVOA_Y

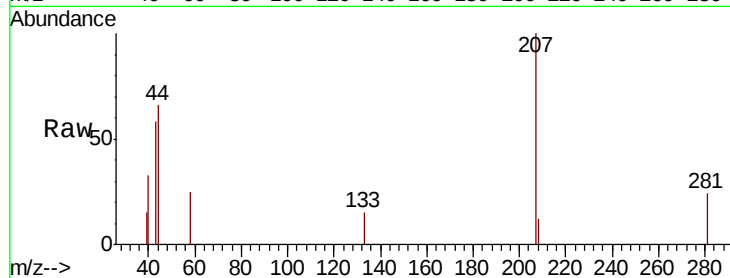
ClientSampled :

Tot Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 42.7 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.98

250

200

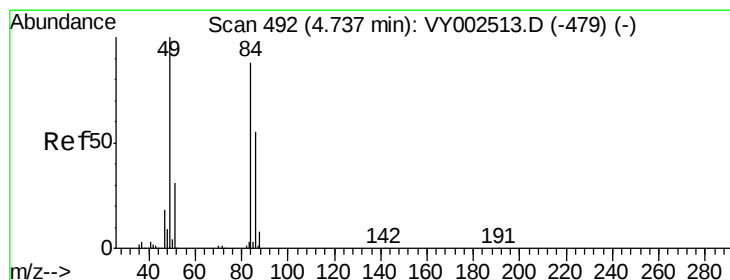
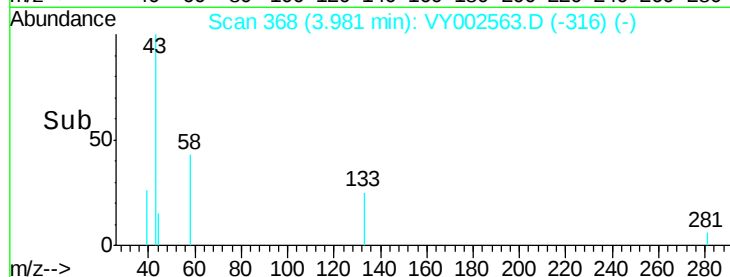
150

100

50

0

Time--> 3.90 3.95 4.00



#20

Methylene Chloride

Concen: 2.334 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.02 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Tgt Ion: 84 Resp: 7957

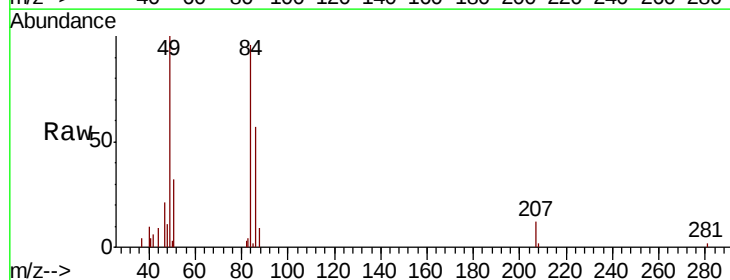
Ion Ratio Lower Upper

84 100

49 104.1 90.5 135.7

51 32.8 28.3 42.5

86 59.6 49.9 74.9



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

4000

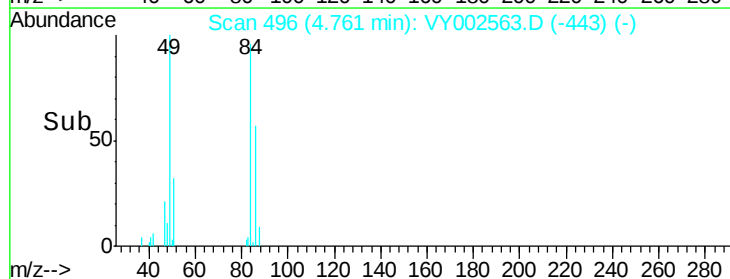
3000

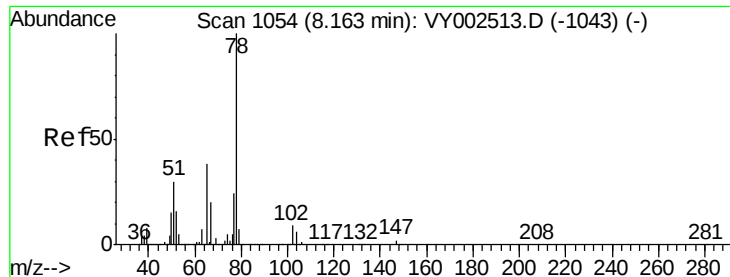
2000

1000

0

Time--> 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 55.216 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Instrument :

MSVOA_Y

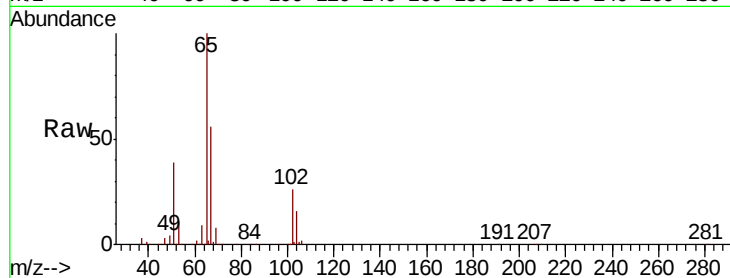
ClientSampleId :

Tot Ion: 65 Resp: 163119

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2

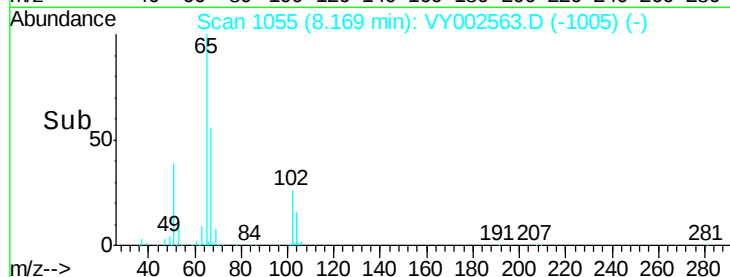


Abundance Ion 64.90 (64.60 to 65.60): VY0

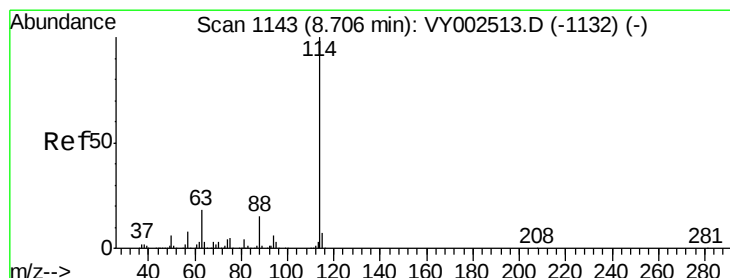
Ion 66.90 (66.60 to 67.60): VY0

8.17

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

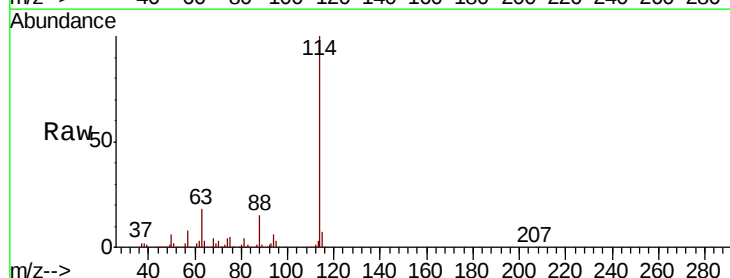
Tgt Ion: 114 Resp: 566147

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 15.0 0.0 29.6



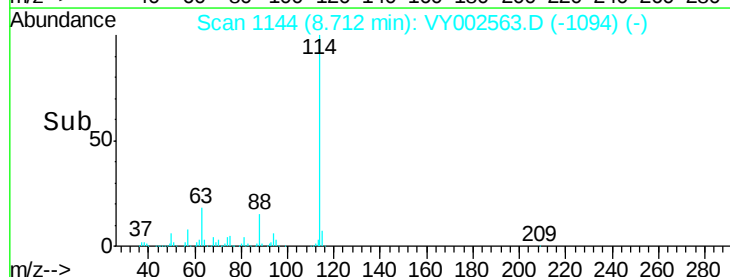
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

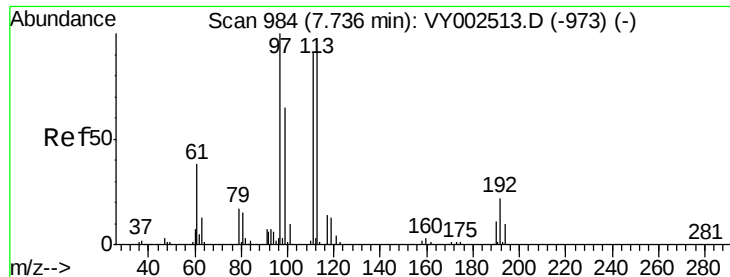
Ion 87.90 (87.60 to 88.60): VY0

8.71

Time-->



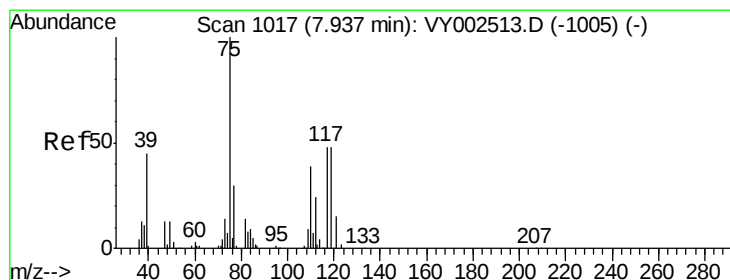
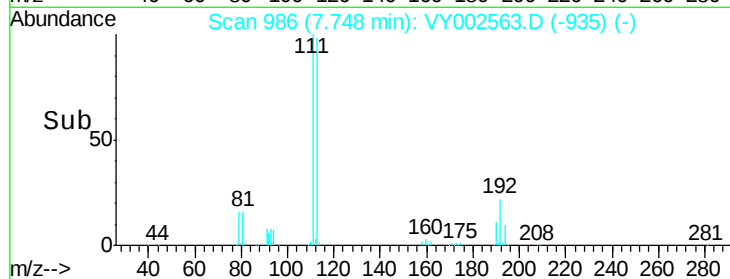
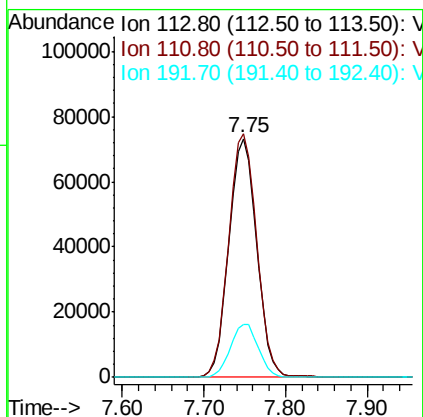
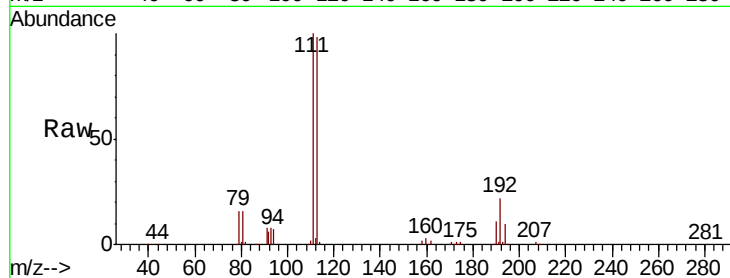
Time-->



#35
 Dibromofluoromethane
 Concen: 53.131 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002563.D
 Acq: 05 May 2020 00:51

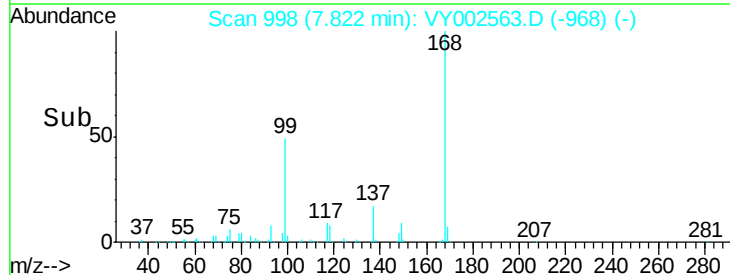
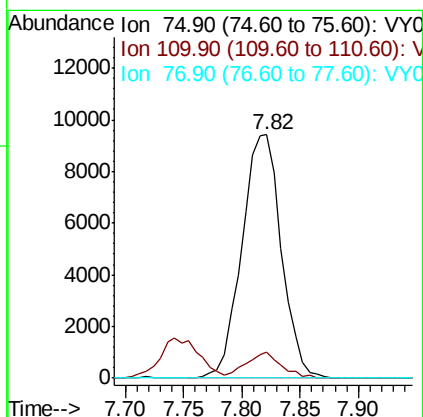
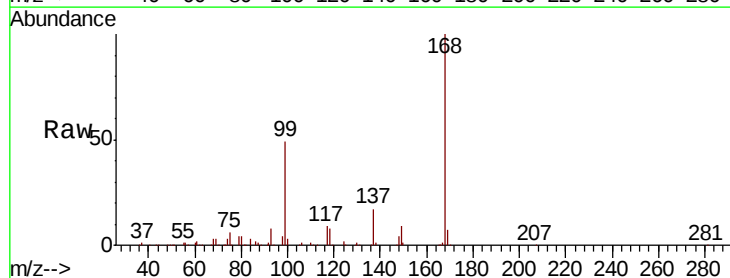
Instrument :
 MSVOA_Y
 ClientSampleId :

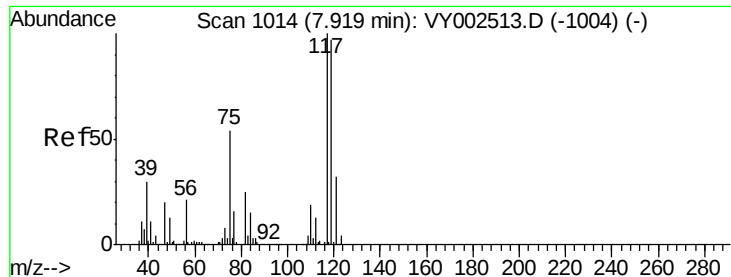
Tot Ion:113 Resp: 172029
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 22.3 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY002563.D
 Acq: 05 May 2020 00:51

Tgt Ion: 75 Resp: 22228
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.3#
 77 0.0 24.6 37.0#

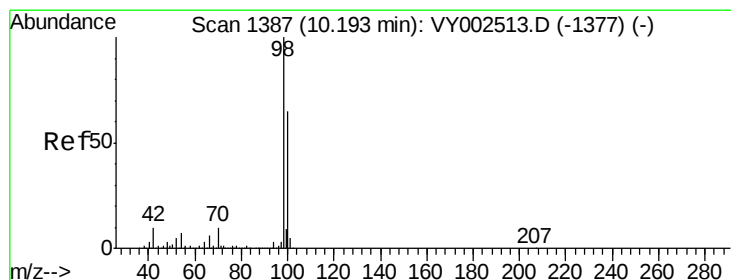
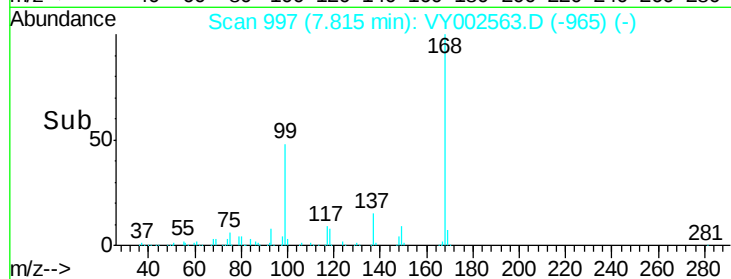
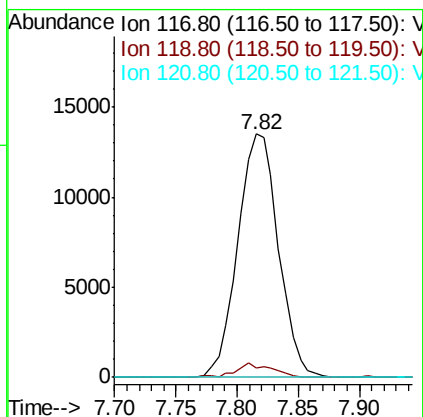
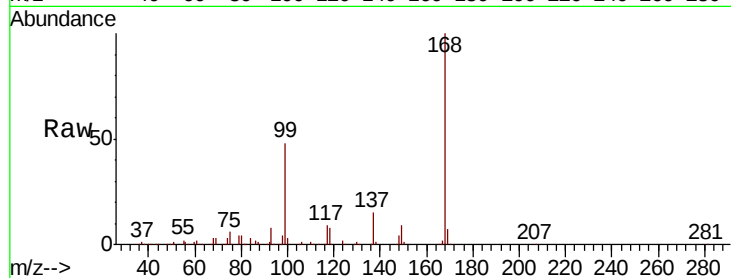




#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002563.D
Acq: 05 May 2020 00:51

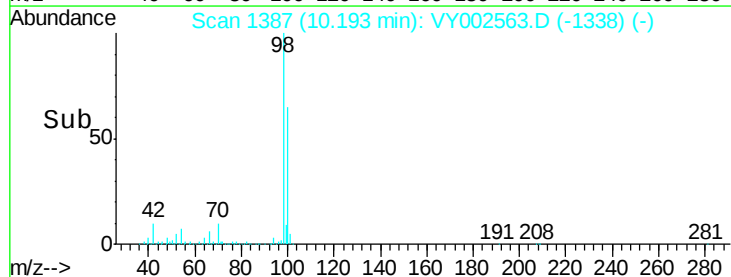
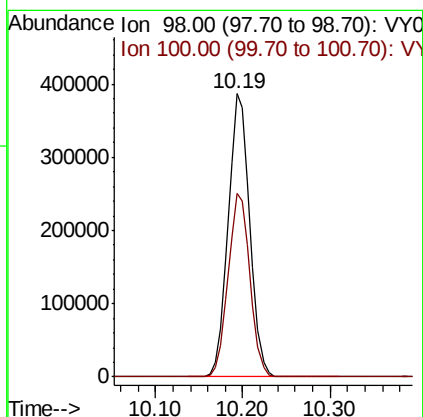
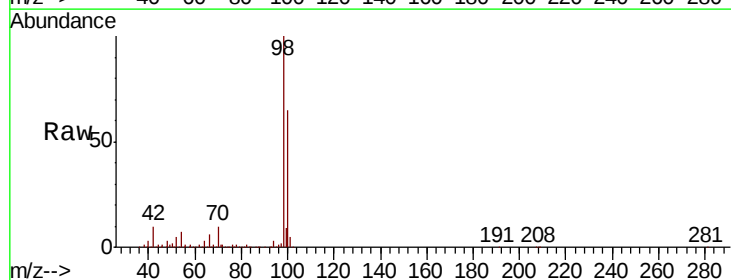
Instrument :
MSVOA_Y
ClientSampleId :

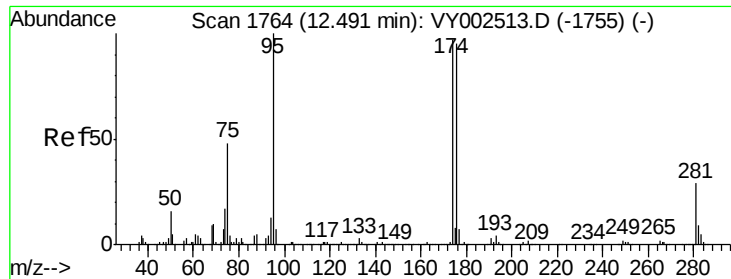
Tot Ion:117 Resp: 31100
Ion Ratio Lower Upper
117 100
119 4.1 77.1 115.7#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 52.244 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002563.D
Acq: 05 May 2020 00:51

Tgt Ion: 98 Resp: 660582
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2

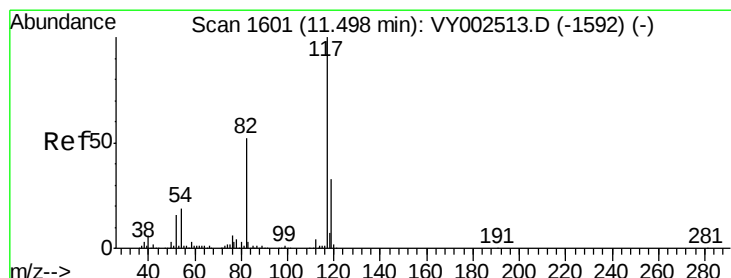
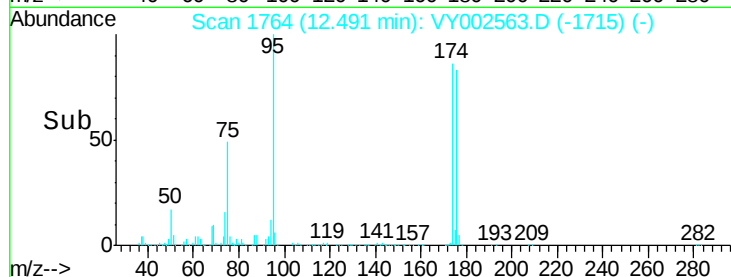
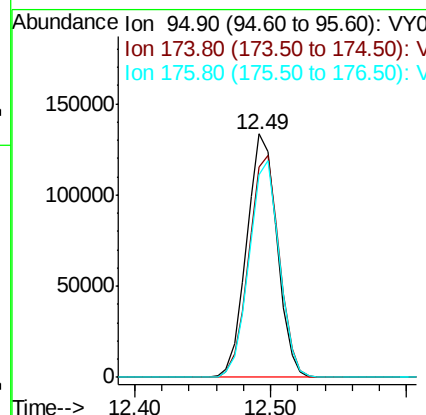
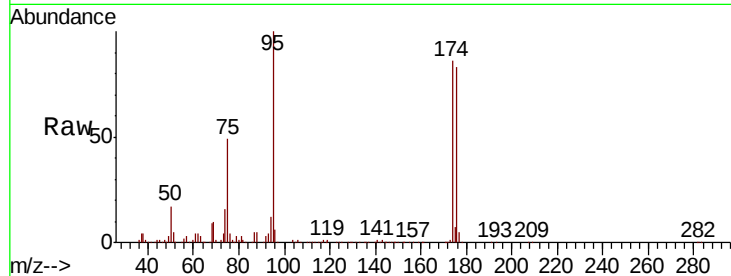




#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002563.D
Acq: 05 May 2020 00:51

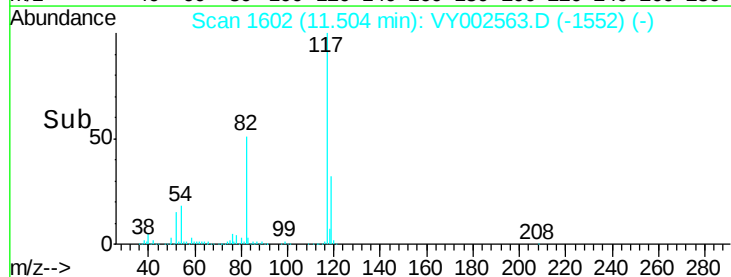
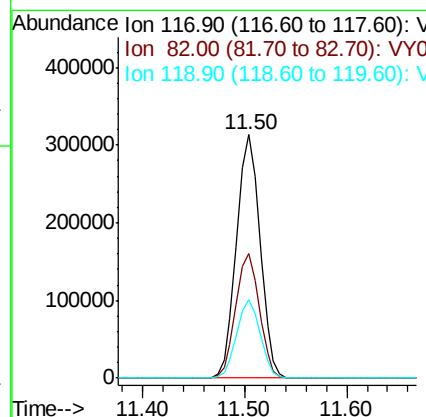
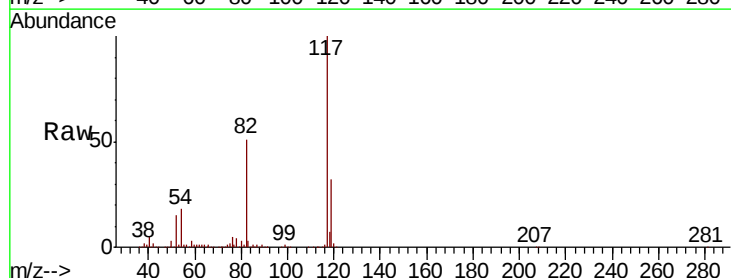
Instrument :
MSVOA_Y
ClientSampleId :

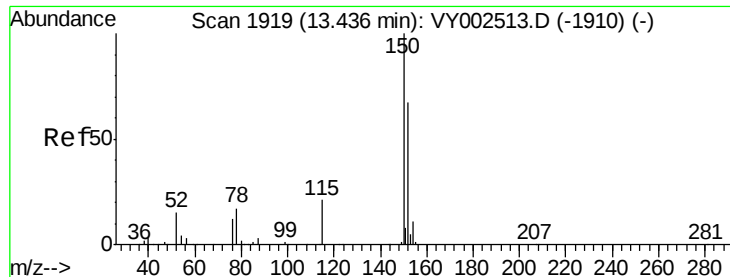
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	188.8
176	88.8	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002563.D
Acq: 05 May 2020 00:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.3	61.9
119	32.3	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002563.D

Acq: 05 May 2020 00:51

Instrument :

MSVOA_Y

ClientSampleId :

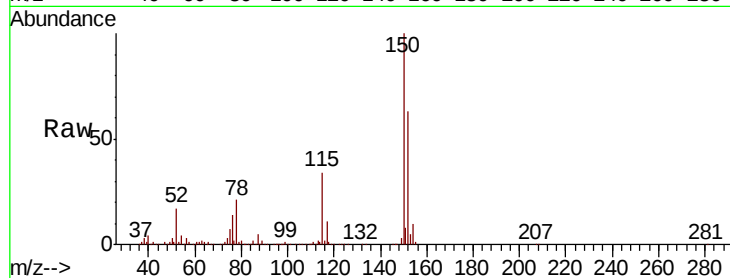
Tot Ion:152 Resp: 228473

Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.4

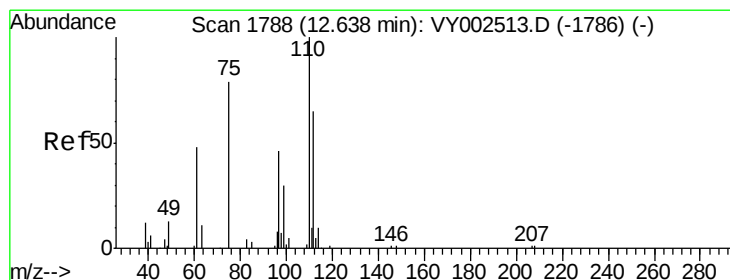
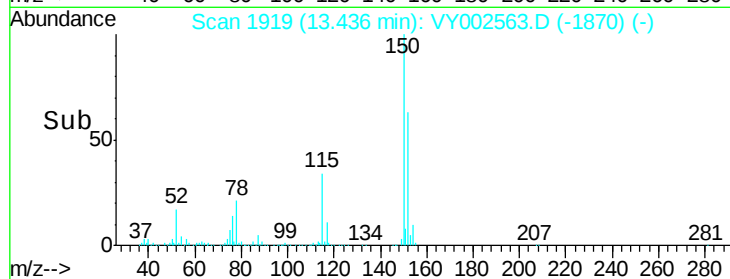
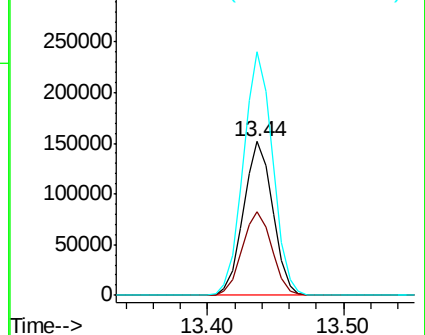
150 158.3 0.0 346.4



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: 49.863 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002563.D

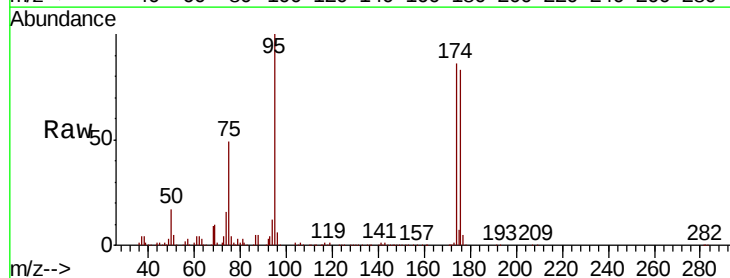
Acq: 05 May 2020 00:51

Tgt Ion: 75 Resp: 101241

Ion Ratio Lower Upper

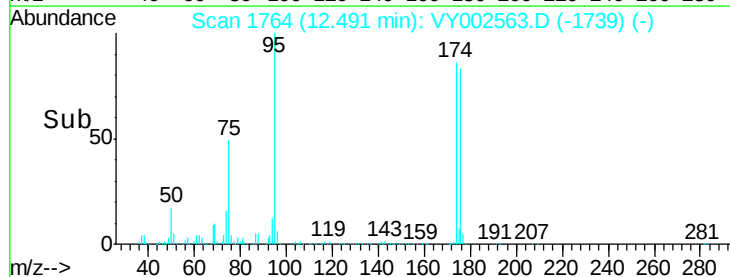
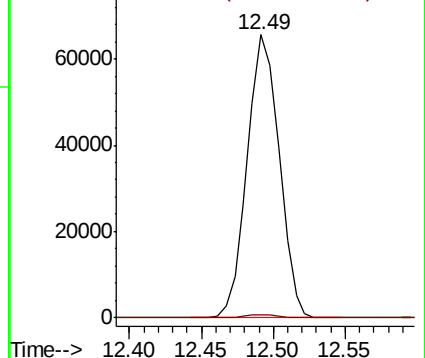
75 100

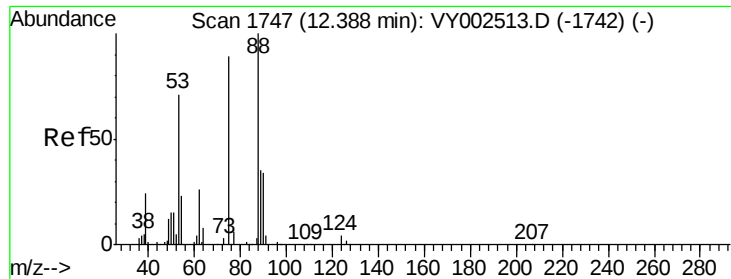
77 1.3 0.0 0.0#



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: 99.986 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002563.D
 Acq: 05 May 2020 00:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 101241
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

