

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001658.D
 Acq On : 17 Feb 2020 19:42
 Operator : SY/MD
 Sample : L1546-20
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:38:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

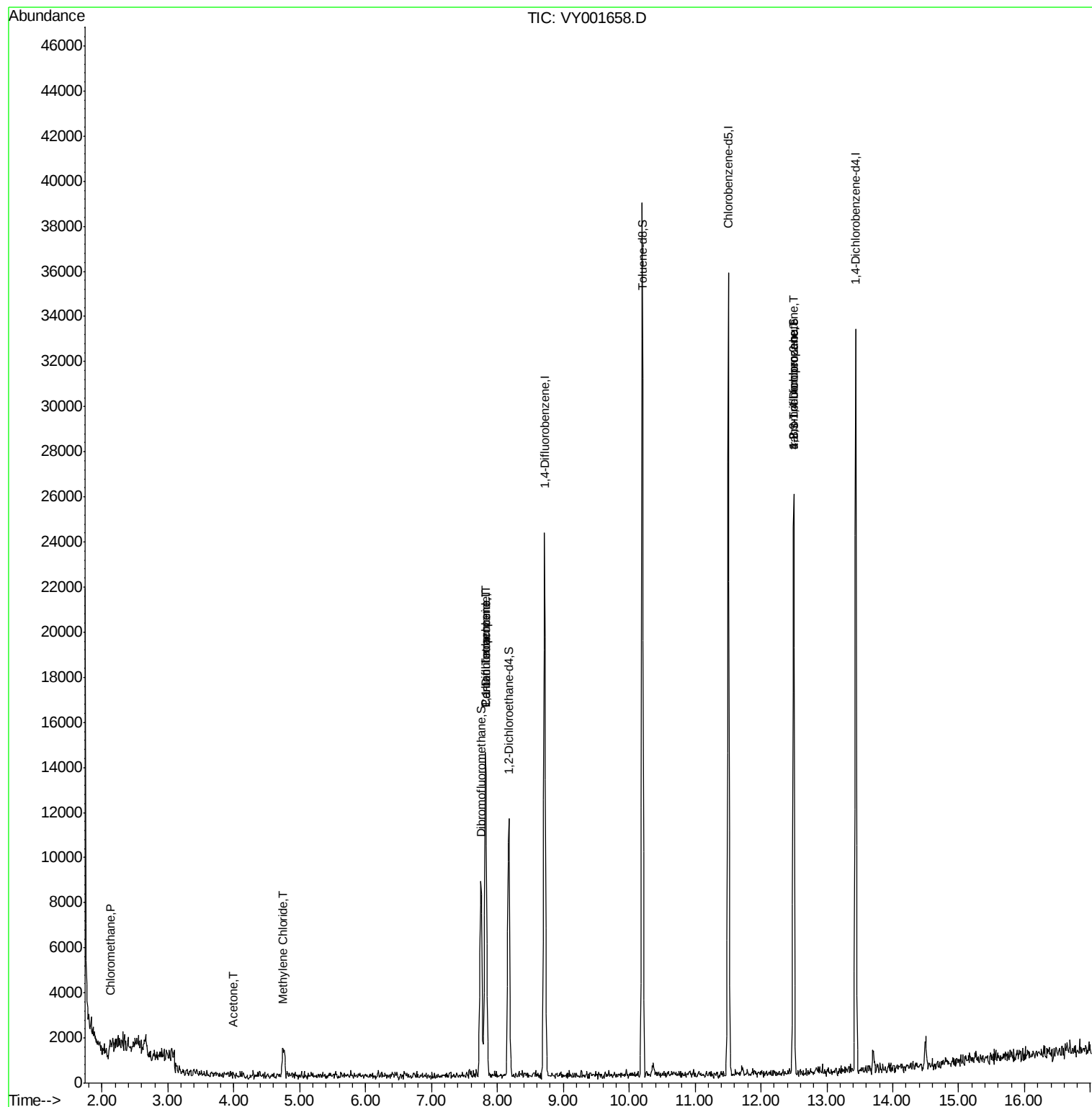
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	11203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	20740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	18571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	8317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	8315	69.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.00%	
35) Dibromofluoromethane	7.75	113	6186	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.20	98	24216	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.50	95	8752	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.13	50	210	1.430	ug/l #	42
16) Acetone	3.99	43	138	3.310	ug/l #	41
20) Methylene Chloride	4.74	84	1027	6.934	ug/l #	64
36) 1,1-Dichloropropene	7.82	75	1008	5.088	ug/l #	42
38) Carbon Tetrachloride	7.82	117	1105	6.350	ug/l #	13
76) 1,2,3-Trichloropropane	12.50	75	4322	45.301	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	4322	85.943	ug/l #	17

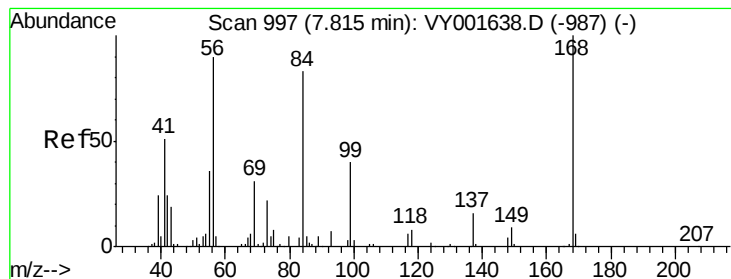
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

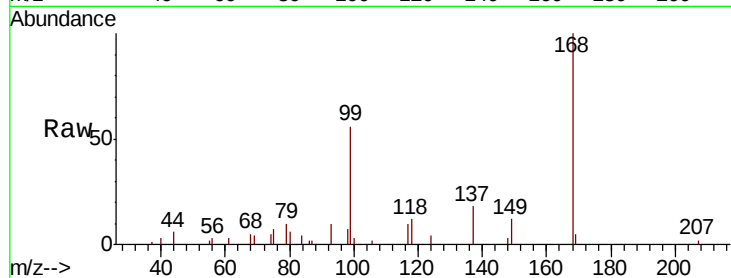
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 11203

Ion Ratio Lower Upper

168 100

99 56.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

5000

4000

3000

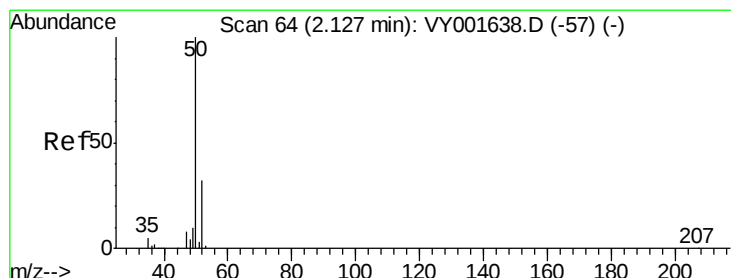
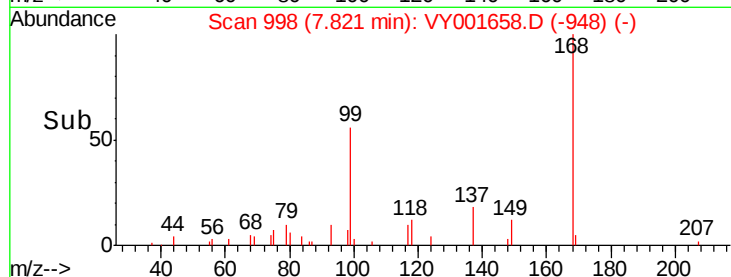
2000

1000

0

7.75 7.80 7.85 7.90

Time-->



#3

Chloromethane

Concen: 1.430 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001658.D

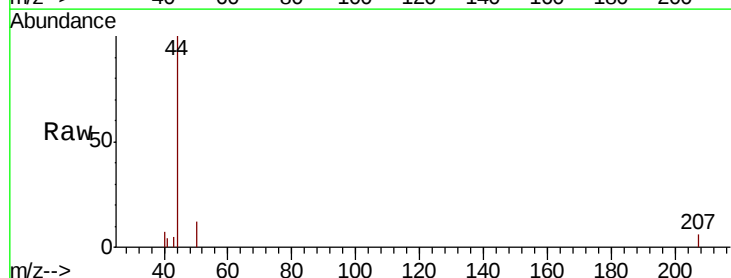
Acq: 17 Feb 2020 19:42

Tgt Ion: 50 Resp: 210

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY001638.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY001638.D (-57) (-)

2.13

150

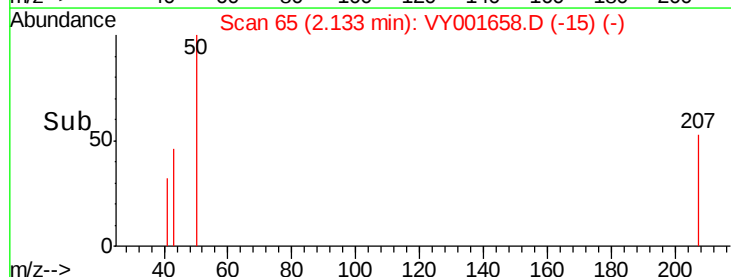
100

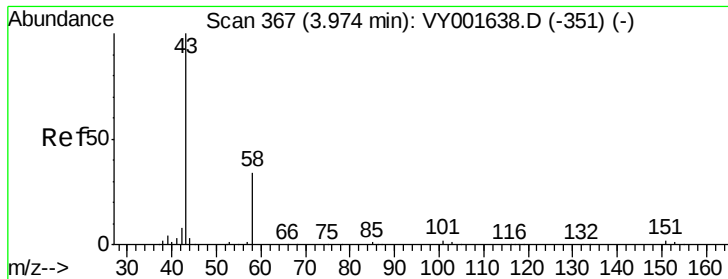
50

0

2.10 2.15

Time-->





#16

Acetone

Concen: 3.310 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

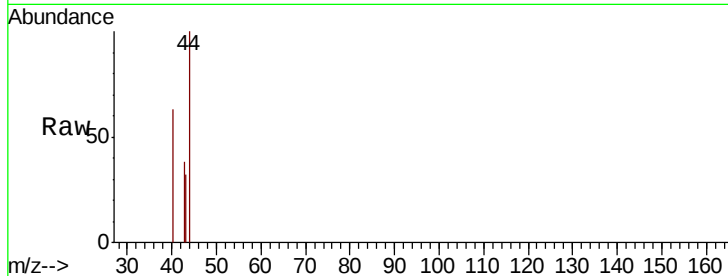
ClientSampleId :

Tot Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

58 0.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.99

150

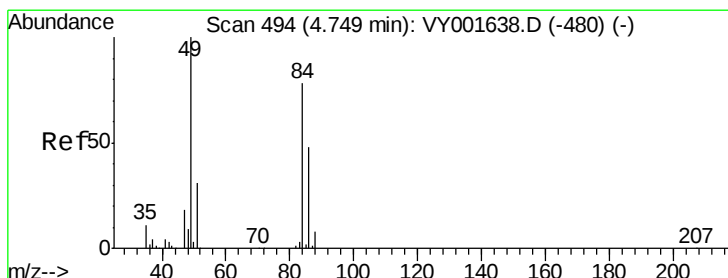
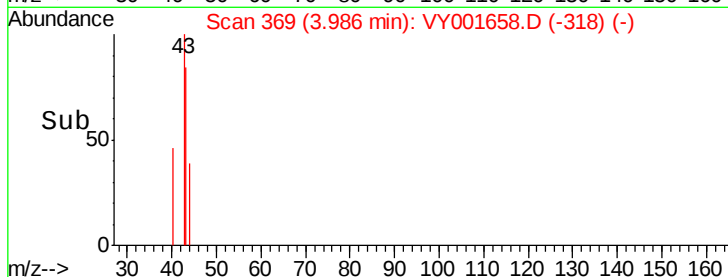
100

50

0

3.94 3.96 3.98 4.00 4.02

Time-->



#20

Methylene Chloride

Concen: 6.934 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Tgt Ion: 84 Resp: 1027

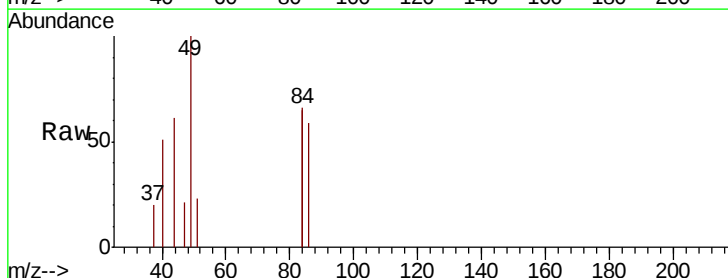
Ion Ratio Lower Upper

84 100

49 76.1 99.2 148.8#

51 17.5 31.5 47.3#

86 45.1 51.0 76.6#



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

600

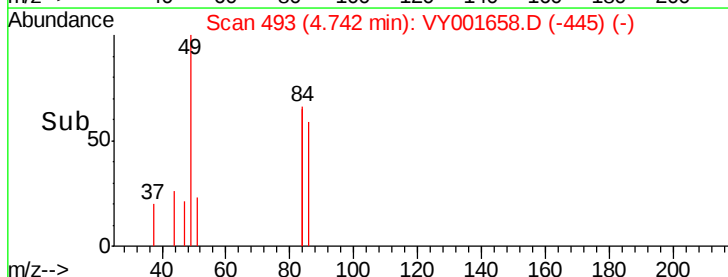
400

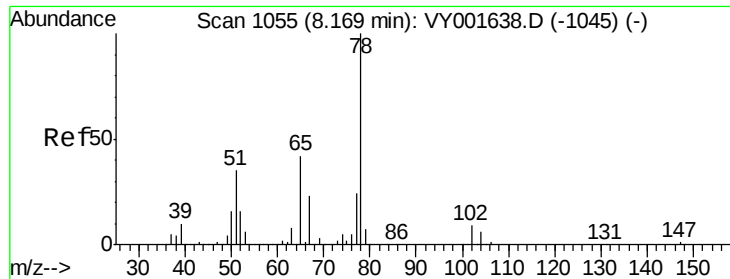
200

0

4.70 4.75 4.80

Time-->

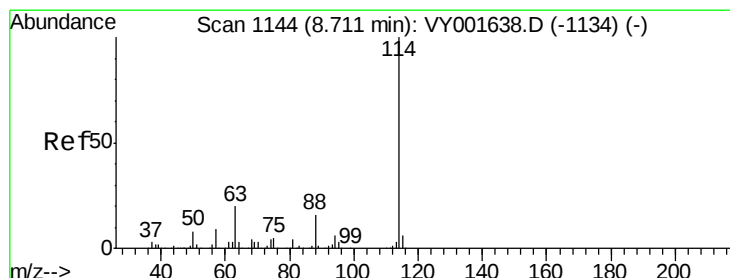
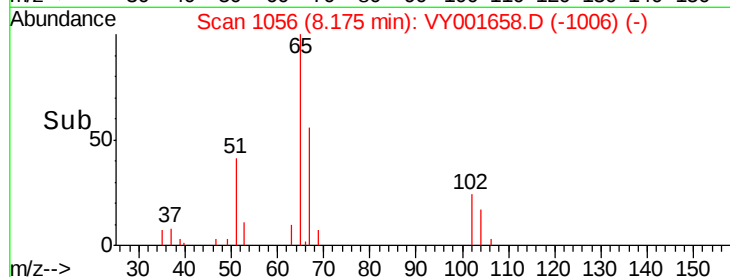
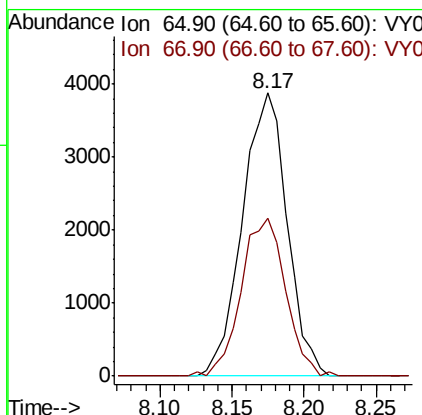
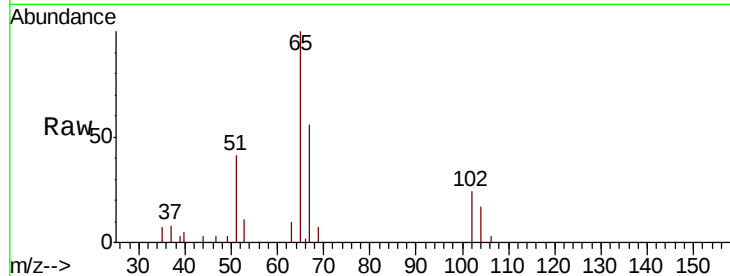




#33
 1,2-Dichloroethane-d4
 Concen: 69.002 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001658.D
 Acq: 17 Feb 2020 19:42

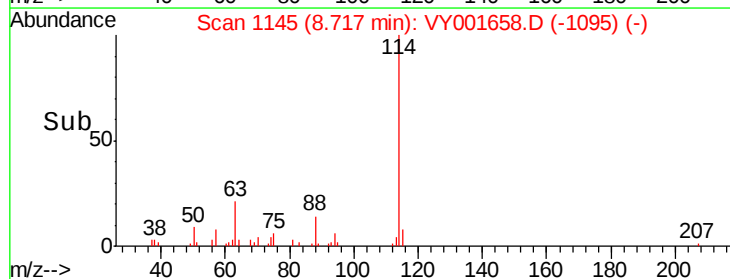
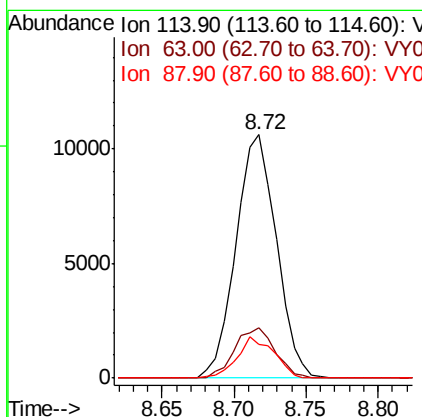
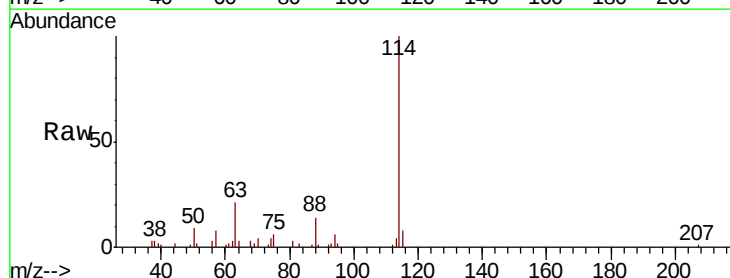
Instrument :
 MSVOA_Y
 ClientSampleId :

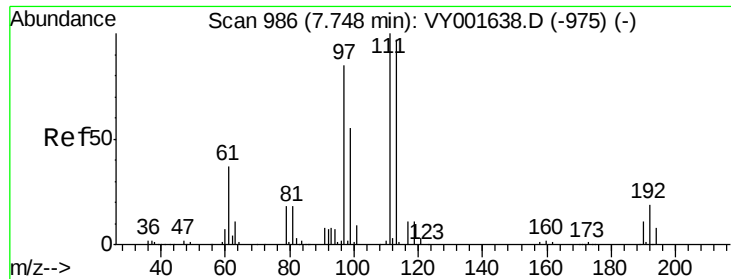
Tot Ion: 65 Resp: 8315
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001658.D
 Acq: 17 Feb 2020 19:42

Tgt Ion: 114 Resp: 20740
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 13.9 0.0 32.8

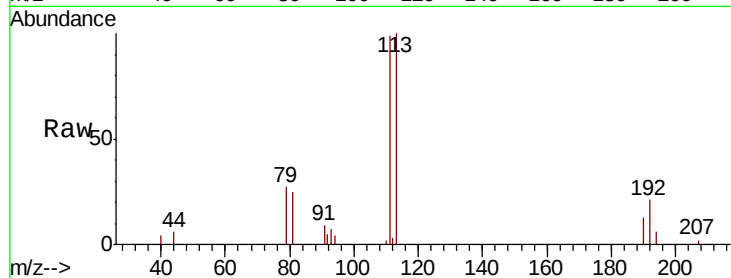




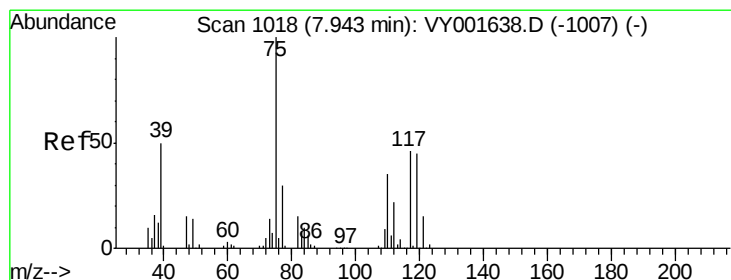
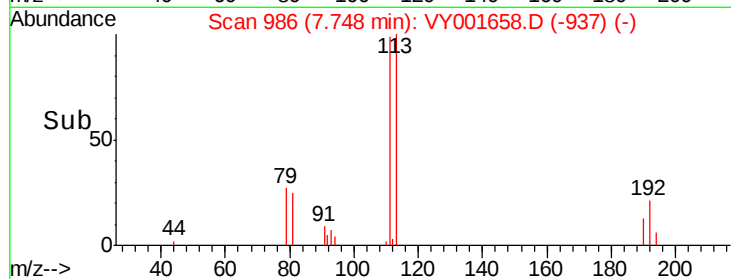
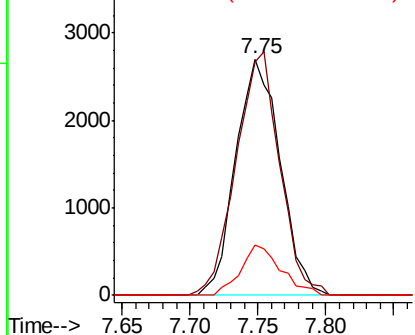
#35
 Dibromofluoromethane
 Concen: 52.075 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001658.D
 Acq: 17 Feb 2020 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 6186
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 19.2 14.3 21.5

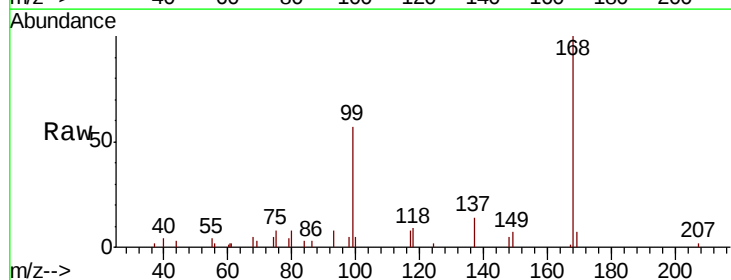


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

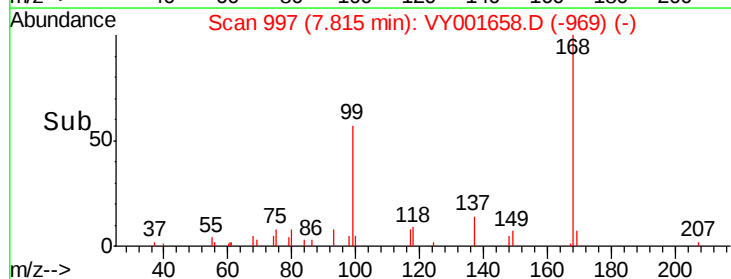
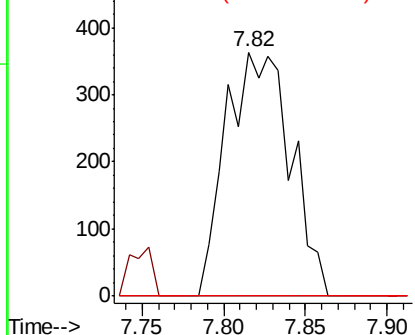


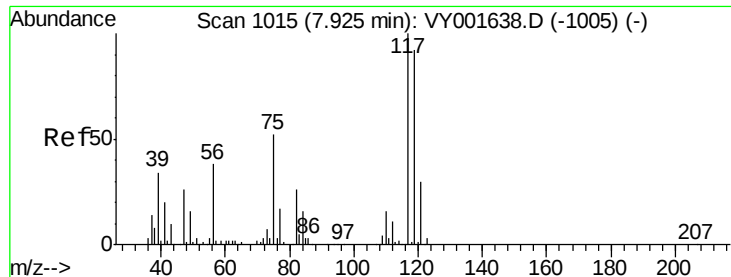
#36
 1,1-Dichloropropene
 Concen: 5.088 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001658.D
 Acq: 17 Feb 2020 19:42

Tgt Ion: 75 Resp: 1008
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.2 51.6#
 77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.350 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

ClientSampled :

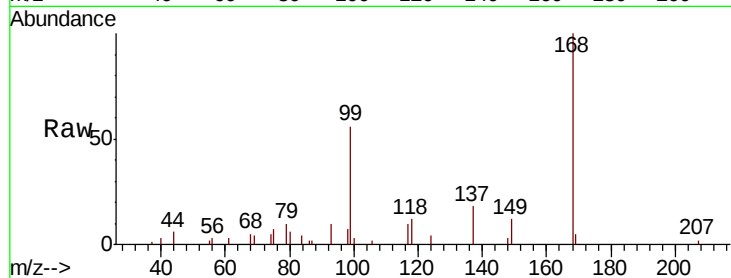
Tot Ion:117 Resp: 1105

Ion Ratio Lower Upper

117 100

119 0.0 74.8 112.2#

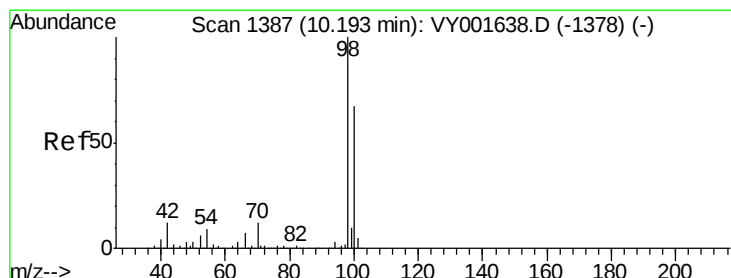
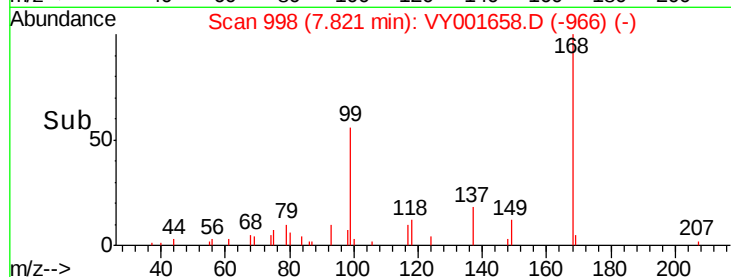
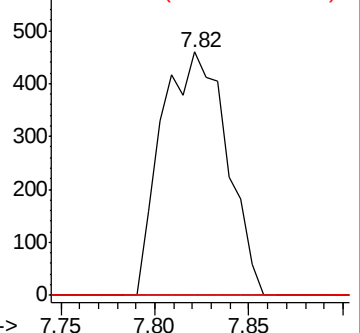
121 0.0 23.8 35.6#



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: 52.035 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001658.D

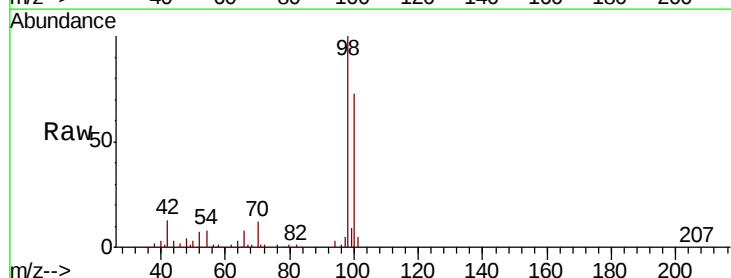
Acq: 17 Feb 2020 19:42

Tgt Ion: 98 Resp: 24216

Ion Ratio Lower Upper

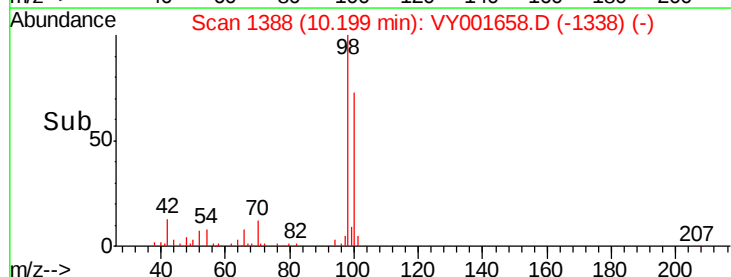
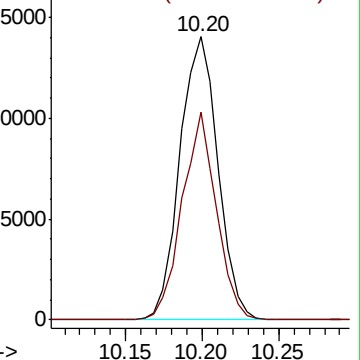
98 100

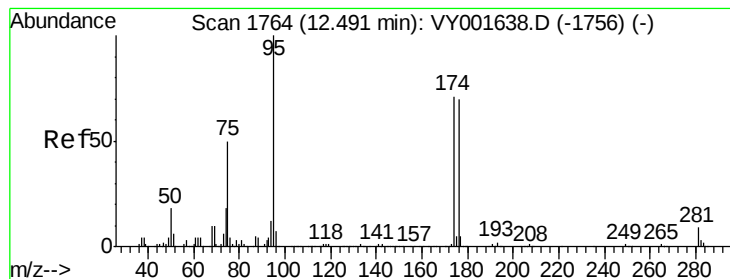
100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.408 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

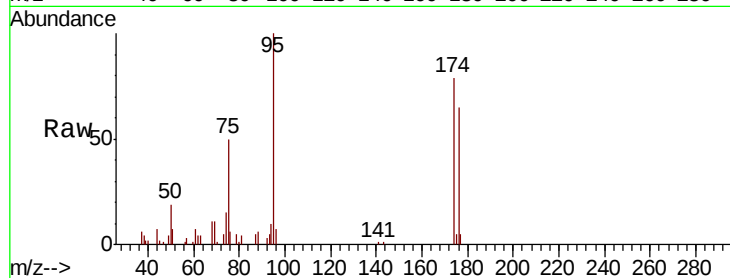
Tot Ion: 95 Resp: 8752

Ion Ratio Lower Upper

95 100

174 78.5 0.0 138.4

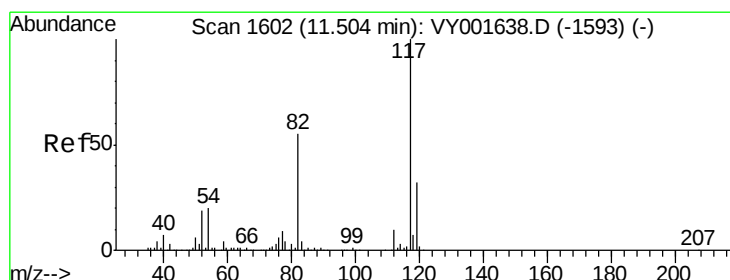
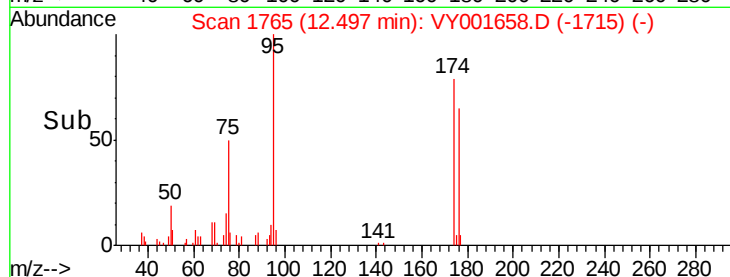
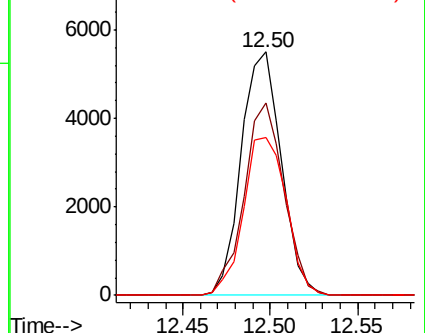
176 69.5 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

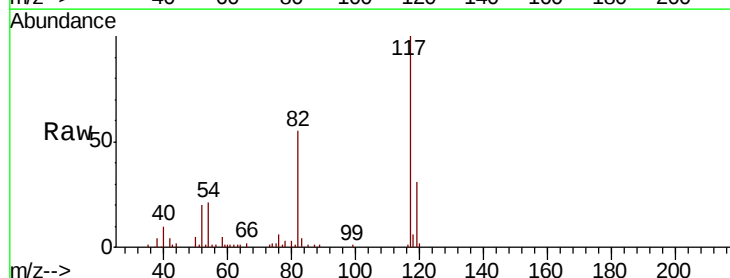
Tgt Ion: 117 Resp: 18571

Ion Ratio Lower Upper

117 100

82 55.2 45.5 68.3

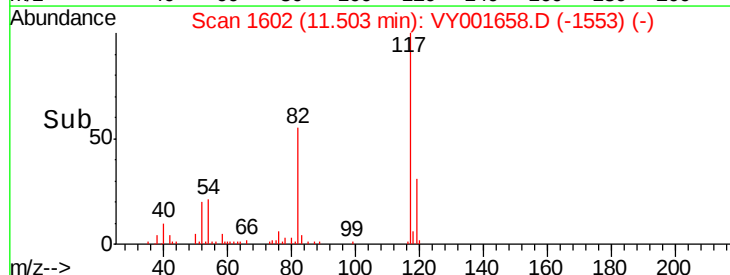
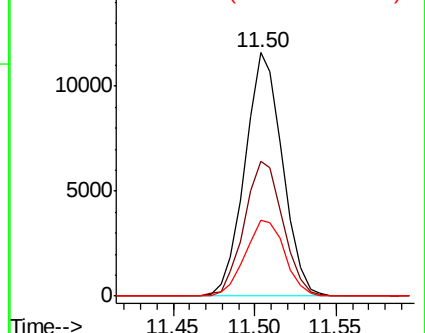
119 31.0 25.8 38.6

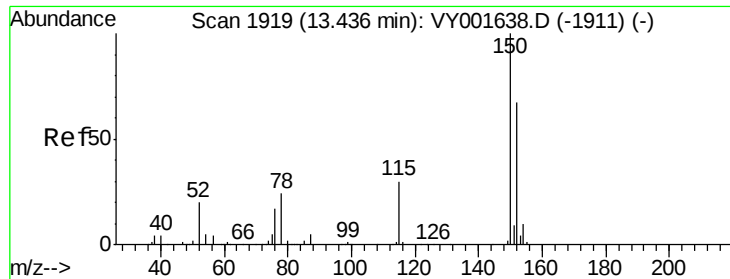


Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001638.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001638.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

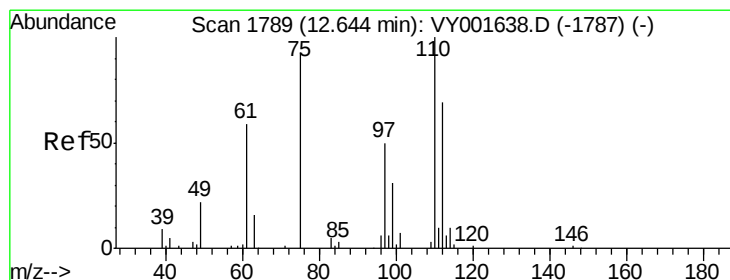
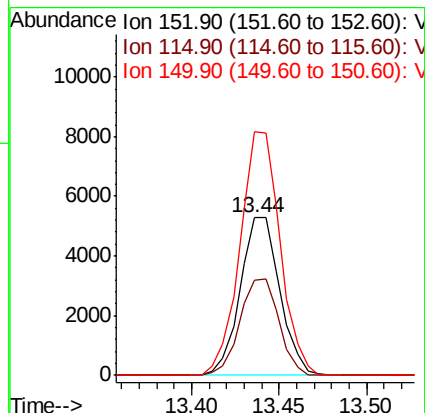
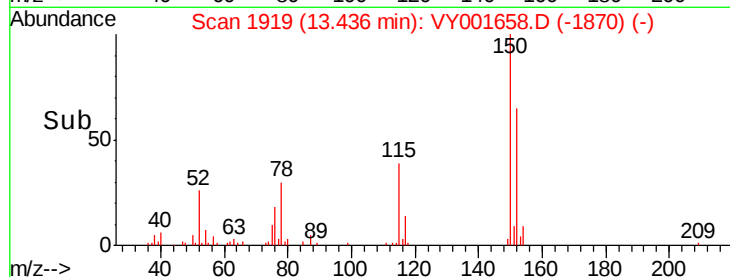
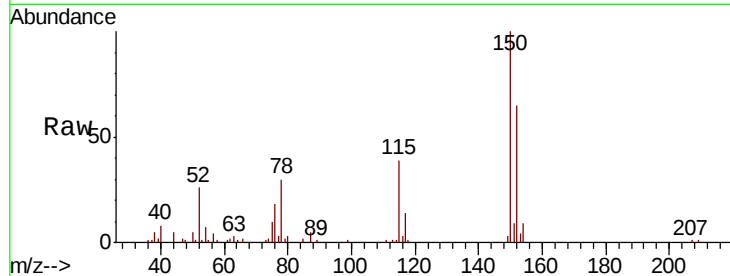
Tot Ion:152 Resp: 8317

Ion Ratio Lower Upper

152 100

115 59.9 31.4 94.2

150 155.9 0.0 407.2



#76

1,2,3-Trichloropropane

Concen: 45.301 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.15 min

Lab File: VY001658.D

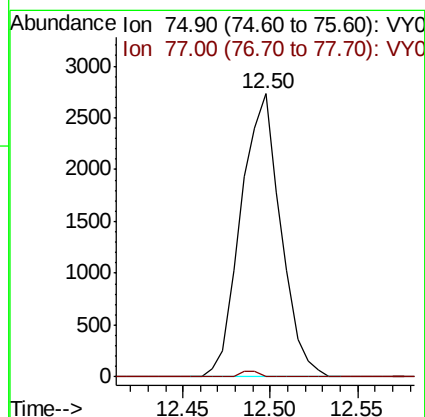
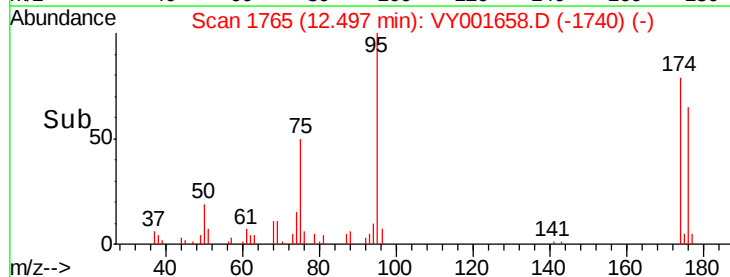
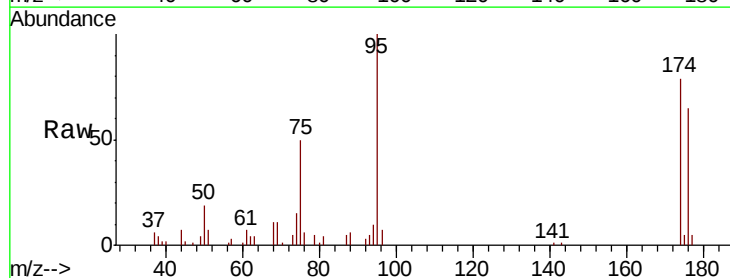
Acq: 17 Feb 2020 19:42

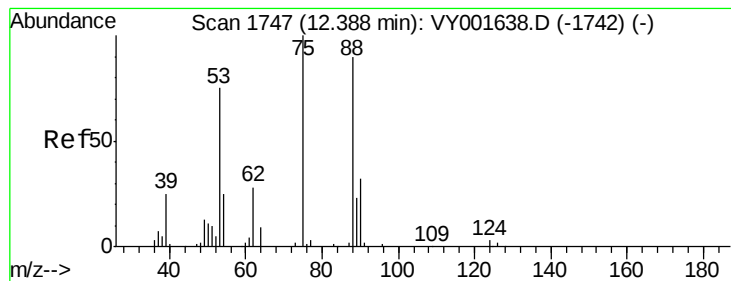
Tgt Ion: 75 Resp: 4322

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 85.943 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

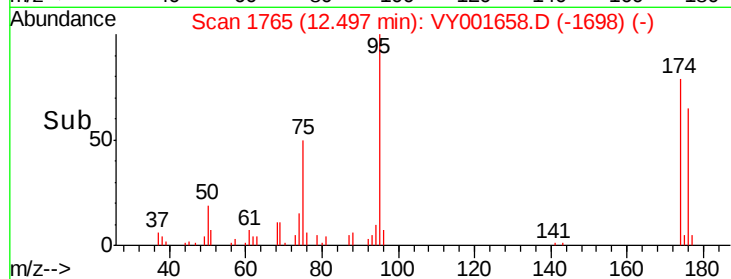
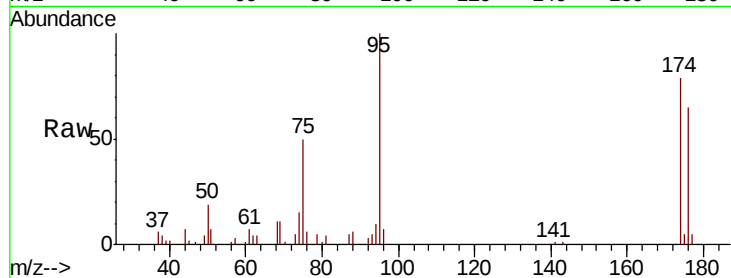
Tot Ion: 75 Resp: 4322

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



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

