

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002407.D
 Acq On : 17 Apr 2020 18:11
 Operator : SY/MD
 Sample : L2272-01
 Misc : 7.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:39:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

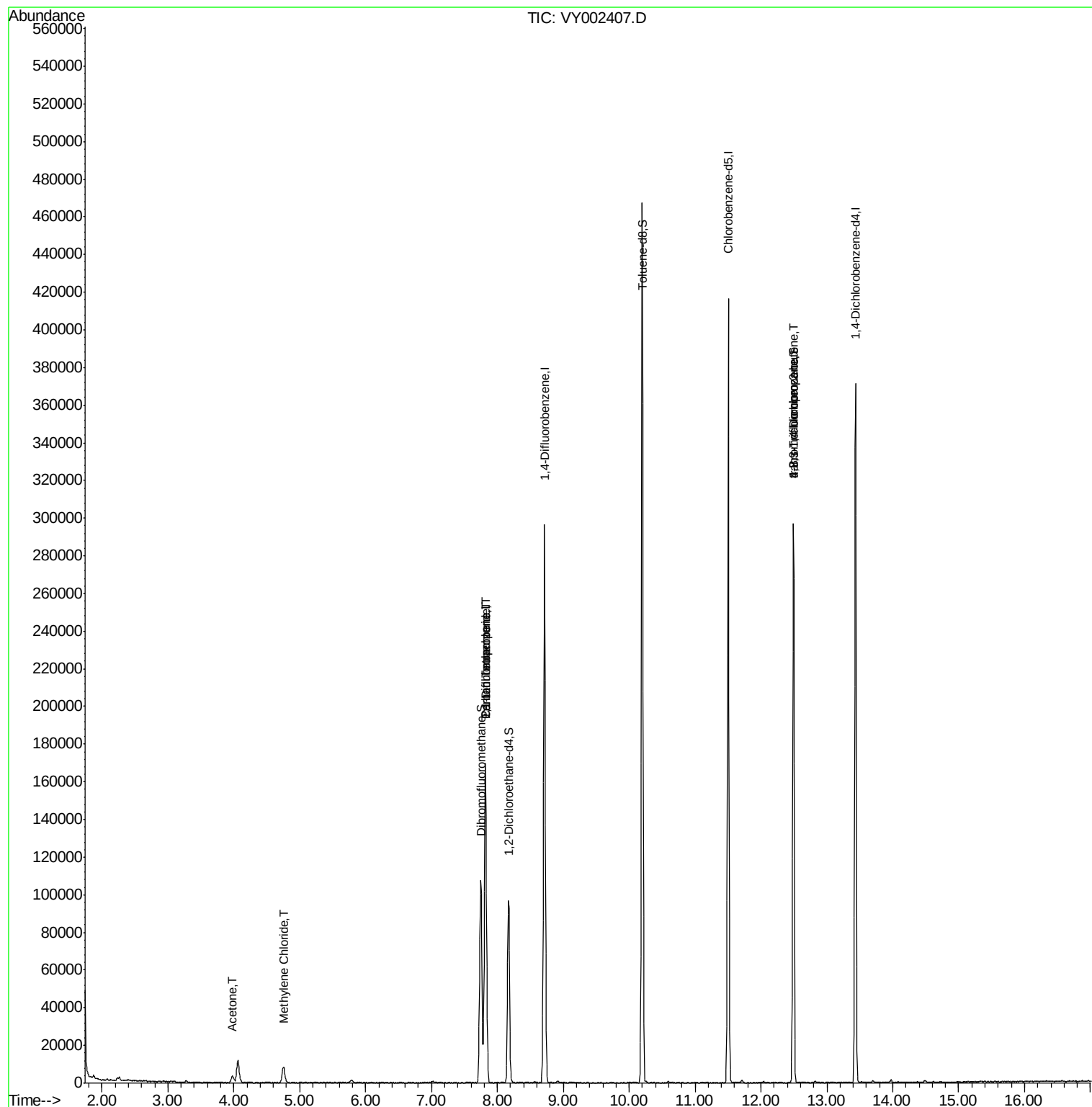
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	135539	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	270946	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	242168	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	98927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	69432	46.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.12%	
35) Dibromofluoromethane	7.75	113	79692	49.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.20	98	324951	48.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.49	95	97514	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	19	Below Cal	#	77
16) Acetone	3.97	43	6027	15.182	ug/l	94
20) Methylene Chloride	4.76	84	6962	3.568	ug/l	87
36) 1,1-Dichloropropene	7.82	75	9985	3.741	ug/l #	50
38) Carbon Tetrachloride	7.82	117	12666	5.548	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	45163	39.315	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	45163	76.466	ug/l #	19

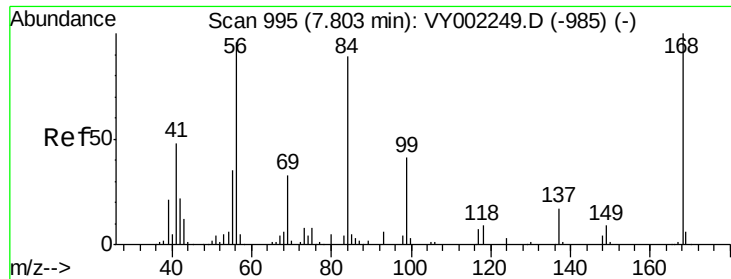
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002407.D
Acq On : 17 Apr 2020 18:11
Operator : SY/MD
Sample : L2272-01
Misc : 7.60G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:39:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

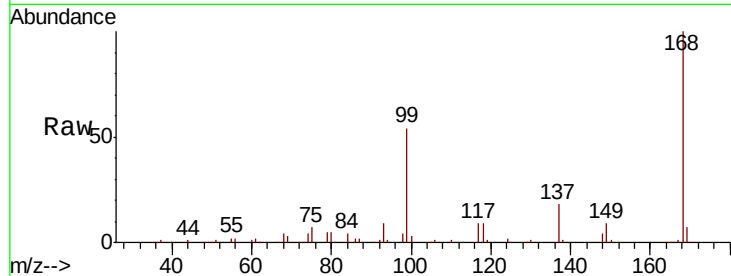
ClientSampleId :

Tot Ion:168 Resp: 135539

Ion Ratio Lower Upper

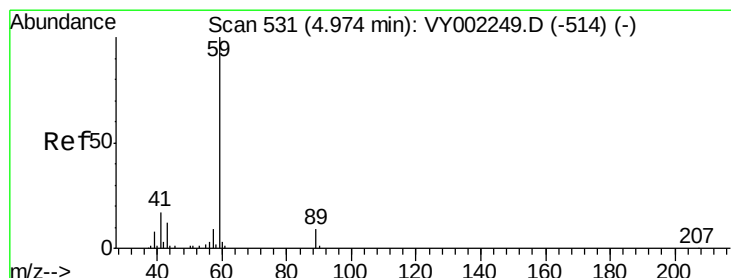
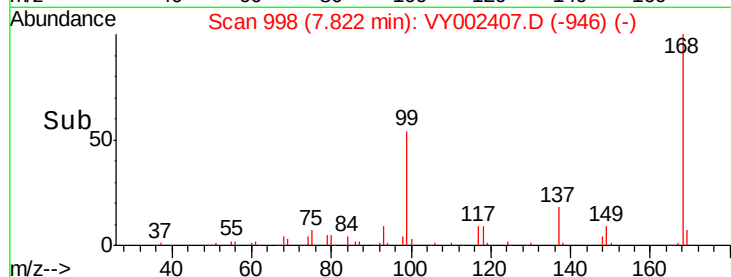
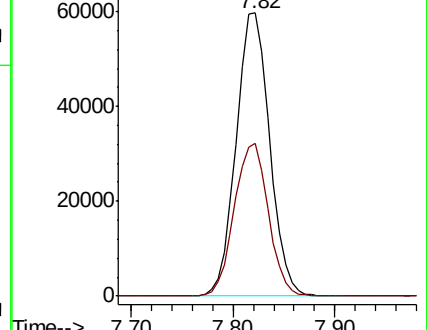
168 100

99 53.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. 0.02 min

Lab File: VY002407.D

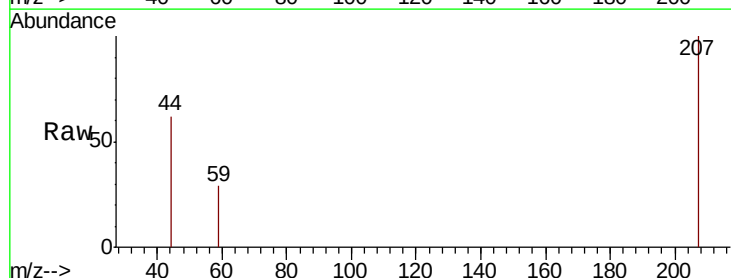
Acq: 17 Apr 2020 18:11

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

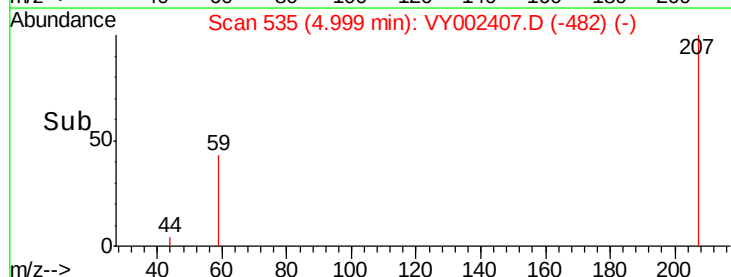
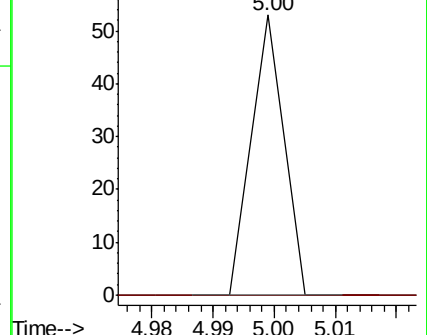
59 100

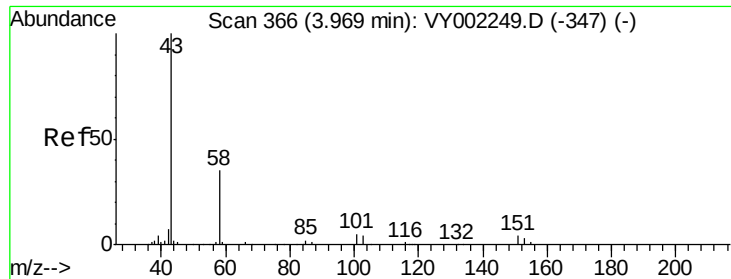
57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)





#16

Acetone

Concen: 15.182 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

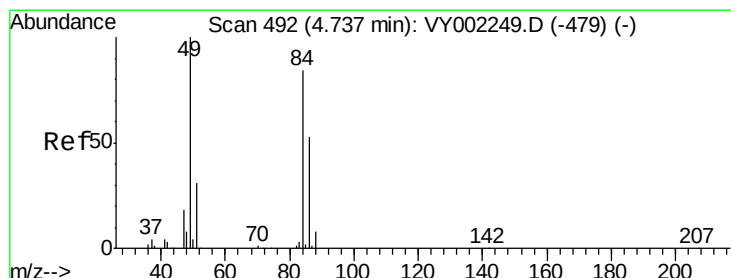
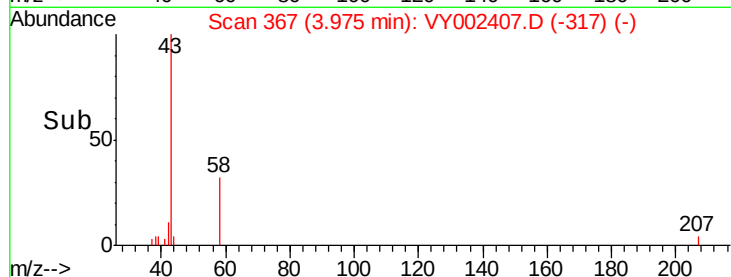
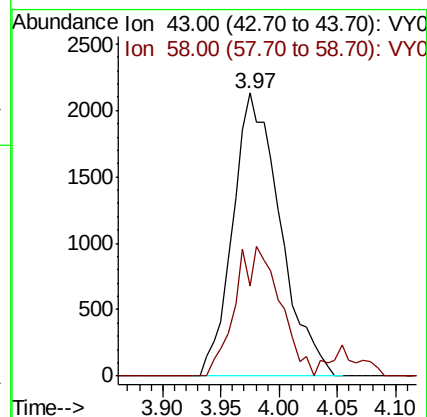
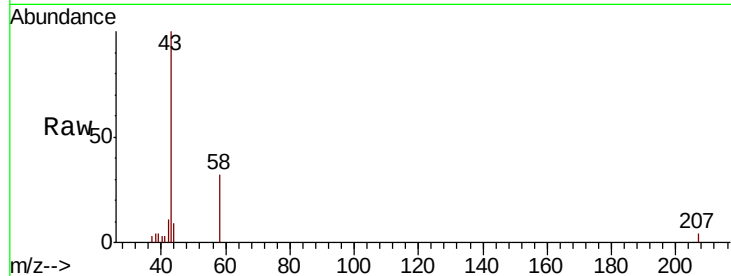
ClientSampleId :

Tot Ion: 43 Resp: 6027

Ion Ratio Lower Upper

43 100

58 31.8 28.5 42.7



#20

Methylene Chloride

Concen: 3.568 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.02 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Tgt Ion: 84 Resp: 6962

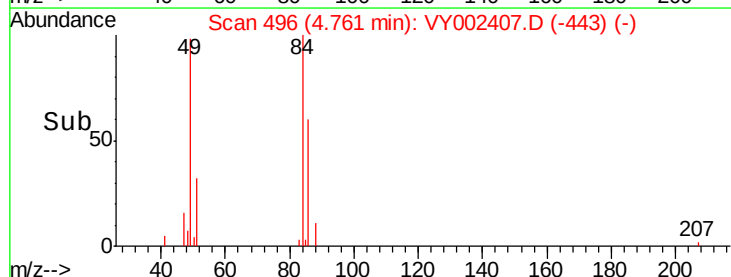
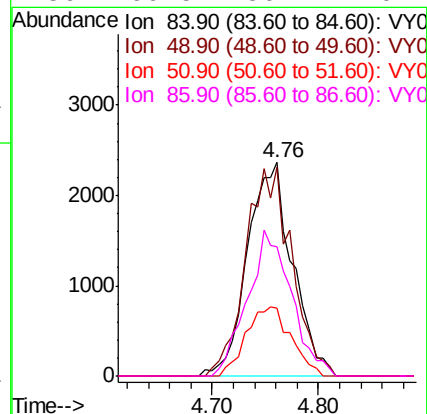
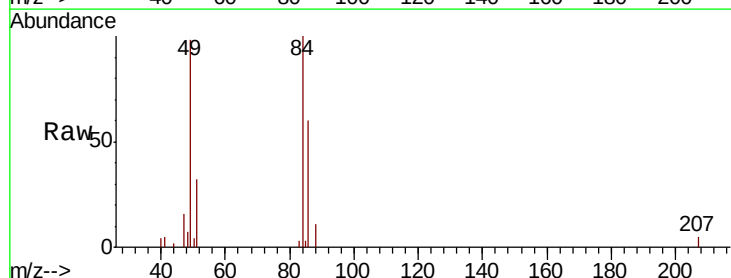
Ion Ratio Lower Upper

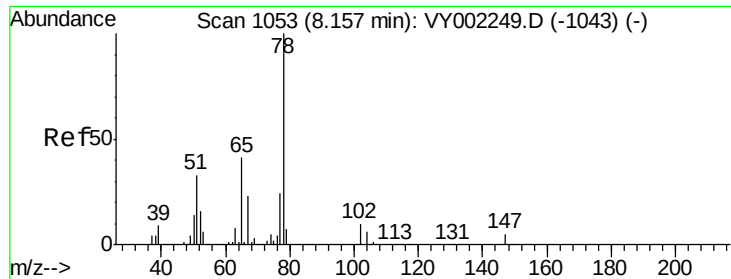
84 100

49 97.9 95.5 143.3

51 31.7 29.5 44.3

86 60.5 50.7 76.1

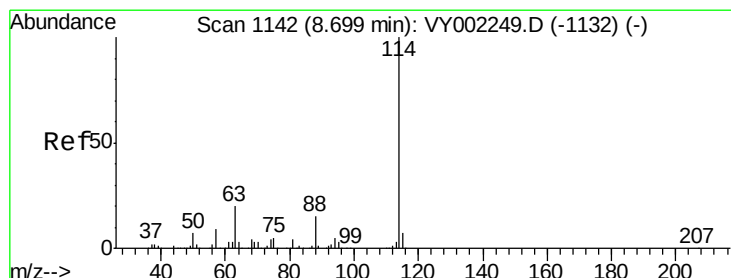
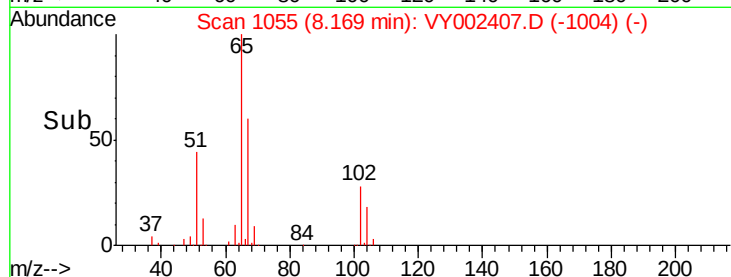
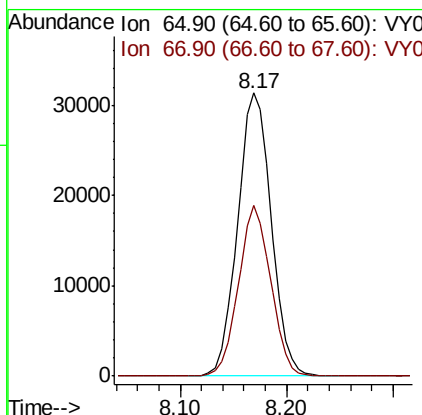
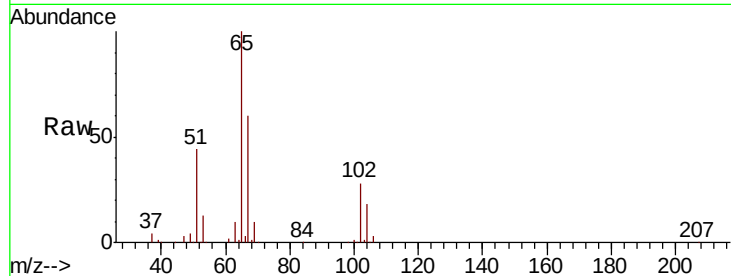




#33
 1,2-Dichloroethane-d4
 Concen: 46.064 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002407.D
 Acq: 17 Apr 2020 18:11

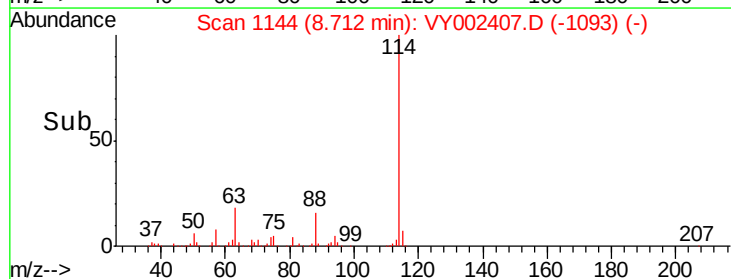
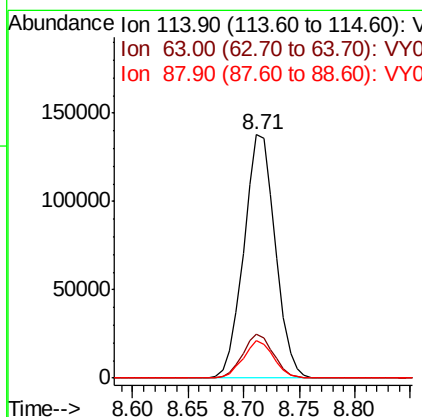
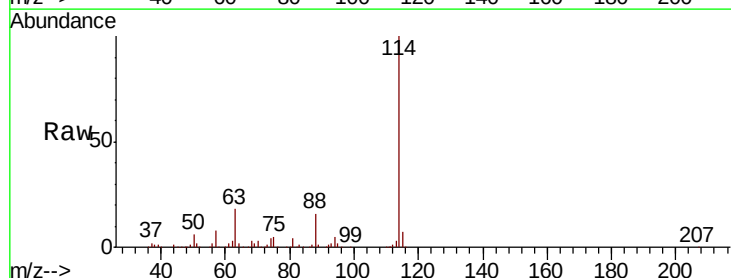
Instrument :
 MSVOA_Y
 ClientSampleId :

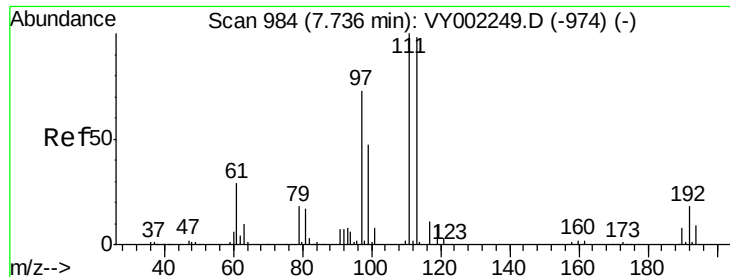
Tot Ion: 65 Resp: 69432
 Ion Ratio Lower Upper
 65 100
 67 57.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002407.D
 Acq: 17 Apr 2020 18:11

Tgt Ion: 114 Resp: 270946
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.0
 88 15.5 0.0 31.0

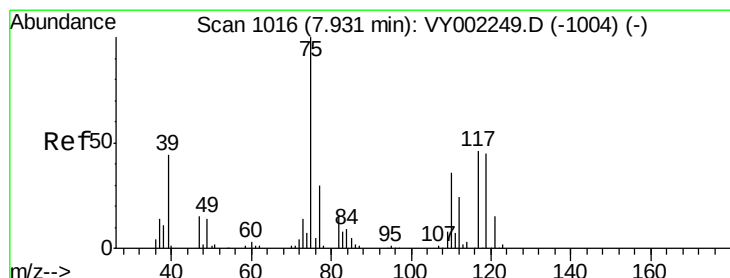
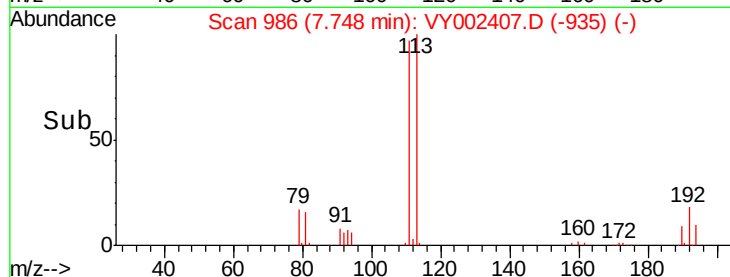
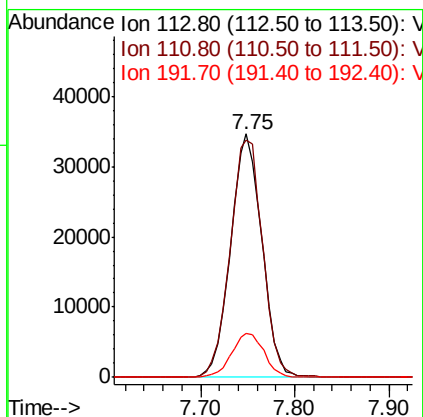
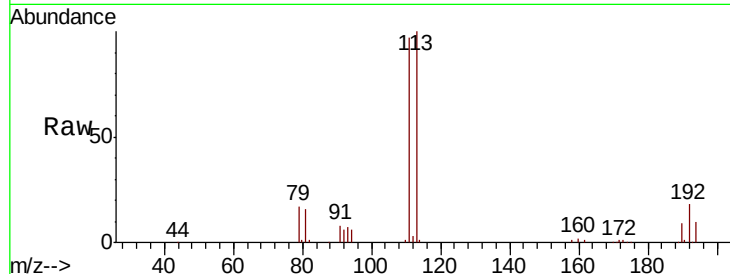




#35
 Dibromofluoromethane
 Concen: 49.430 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002407.D
 Acq: 17 Apr 2020 18:11

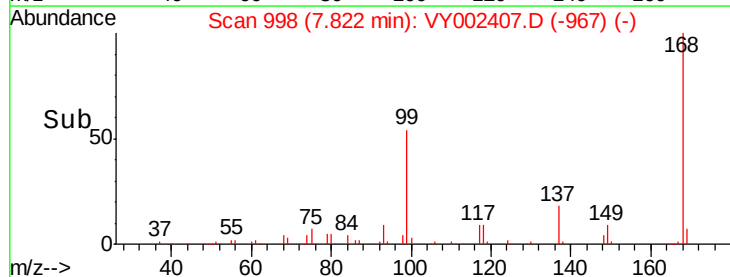
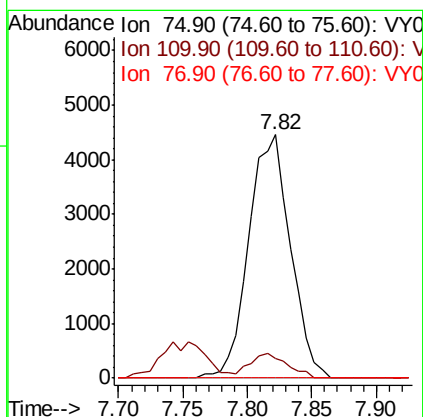
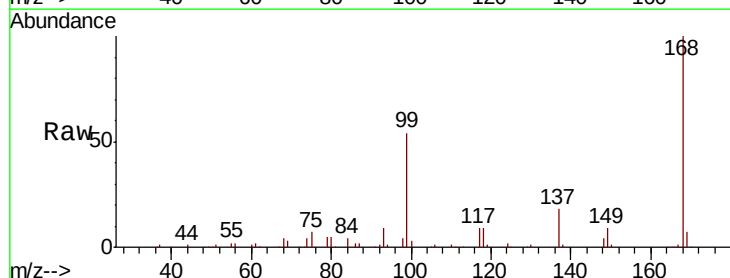
Instrument :
 MSVOA_Y
 ClientSampleId :

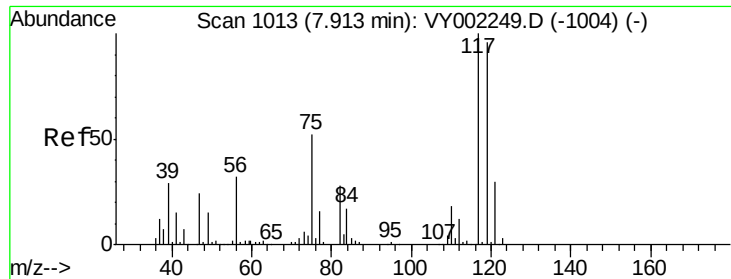
Tot Ion:113 Resp: 79692
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 18.7 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 3.741 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.11 min
 Lab File: VY002407.D
 Acq: 17 Apr 2020 18:11

Tgt Ion: 75 Resp: 9985
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.8 53.3#
 77 0.0 24.4 36.6#

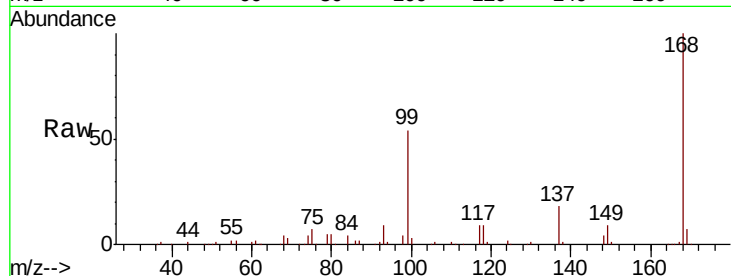




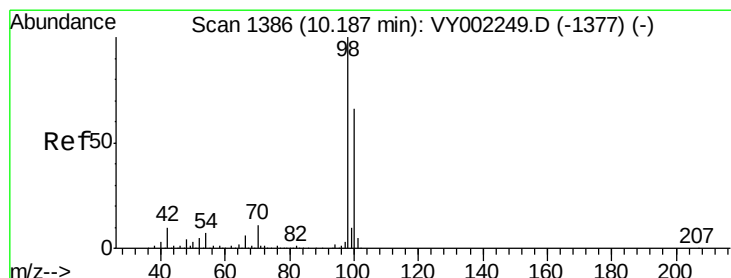
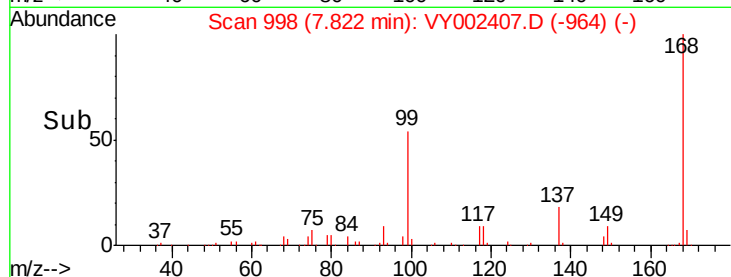
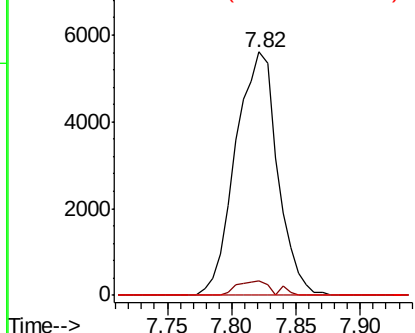
#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.09 min
Lab File: VY002407.D
Acq: 17 Apr 2020 18:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12666
Ion Ratio Lower Upper
117 100
119 5.8 77.1 115.7#
121 0.0 23.9 35.9#

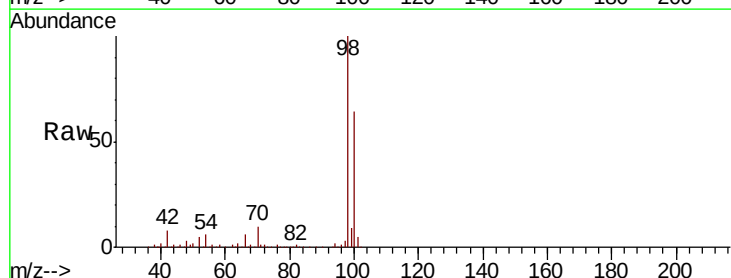


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

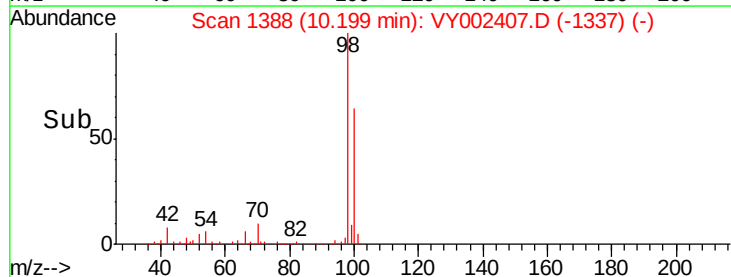
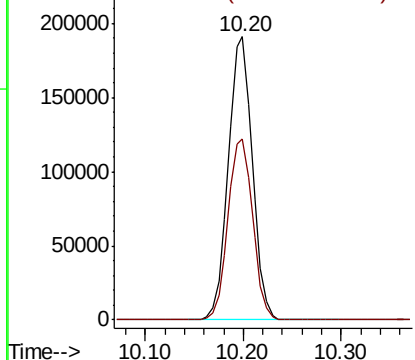


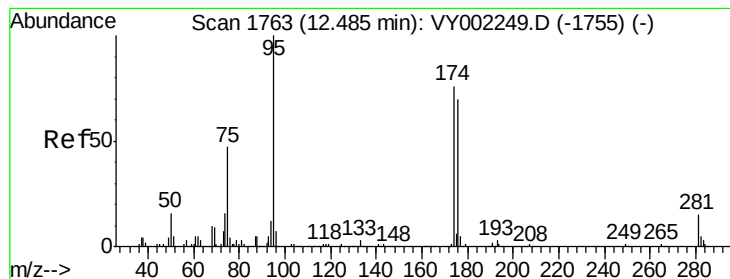
#50
Toluene-d8
Concen: 48.155 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002407.D
Acq: 17 Apr 2020 18:11

Tgt Ion: 98 Resp: 324951
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 43.801 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

ClientSampleId :

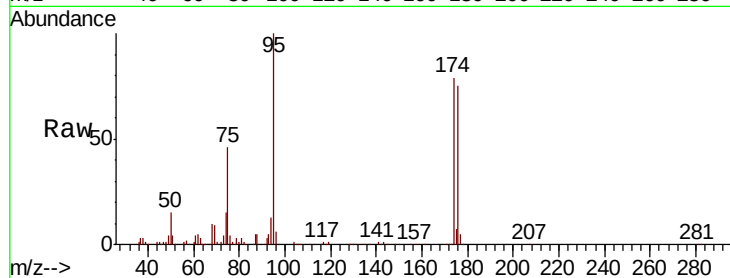
Tot Ion: 95 Resp: 97514

Ion Ratio Lower Upper

95 100

174 79.5 0.0 150.6

176 78.2 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.49

80000

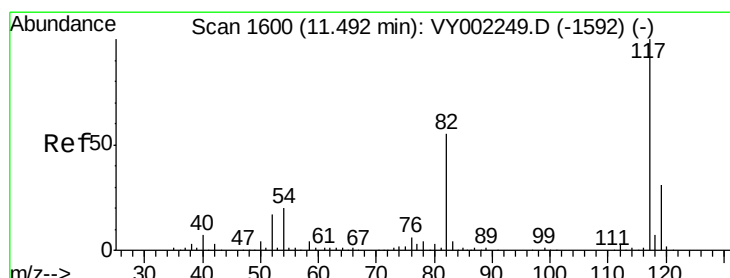
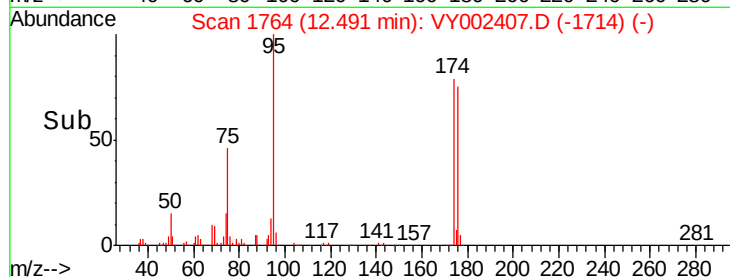
60000

40000

20000

0

Time--> 12.40 12.45 12.50 12.55



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

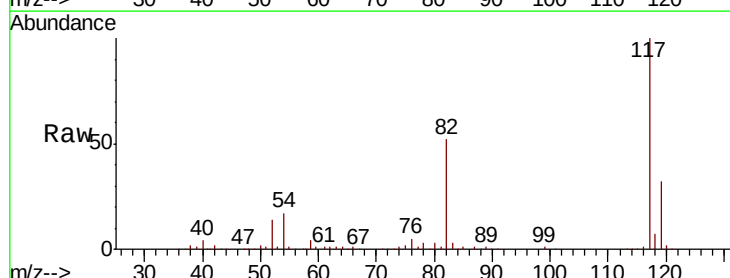
Tgt Ion: 117 Resp: 242168

Ion Ratio Lower Upper

117 100

82 51.8 44.2 66.4

119 31.8 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

11.50

200000

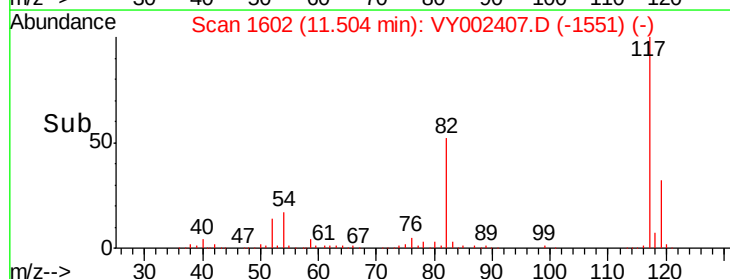
150000

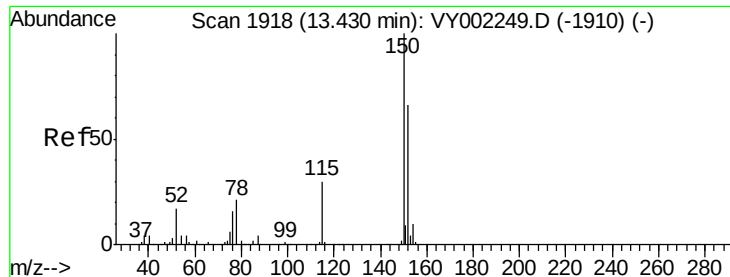
100000

50000

0

Time--> 11.40 11.50 11.60





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

ClientSampleId :

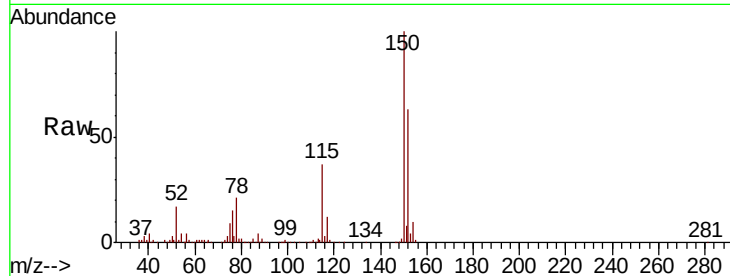
Tot Ion:152 Resp: 98927

Ion Ratio Lower Upper

152 100

115 58.3 30.7 92.1

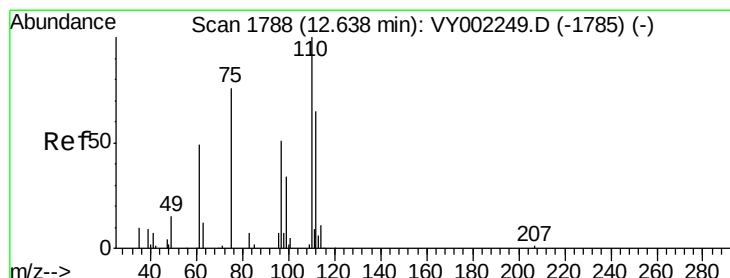
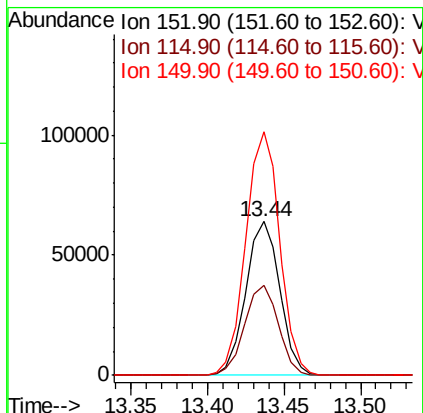
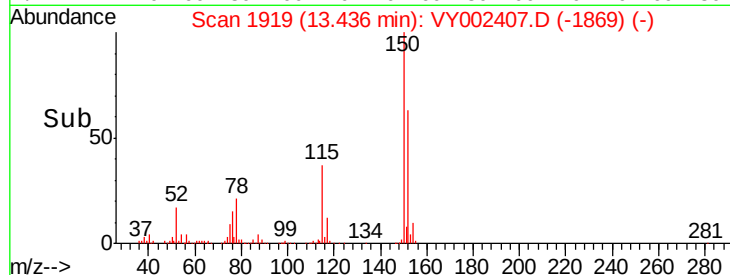
150 158.1 0.0 350.6



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: 39.315 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002407.D

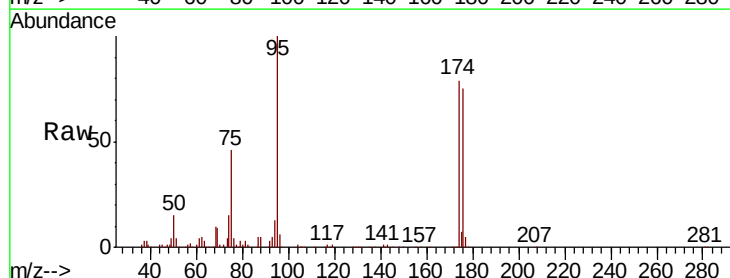
Acq: 17 Apr 2020 18:11

Tgt Ion: 75 Resp: 45163

Ion Ratio Lower Upper

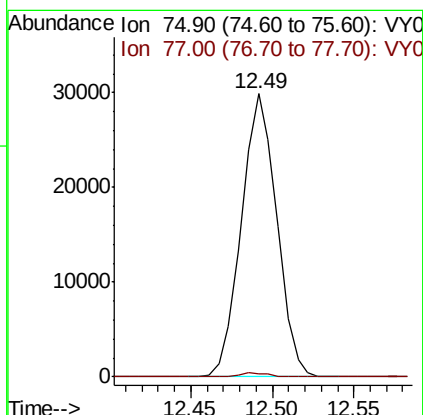
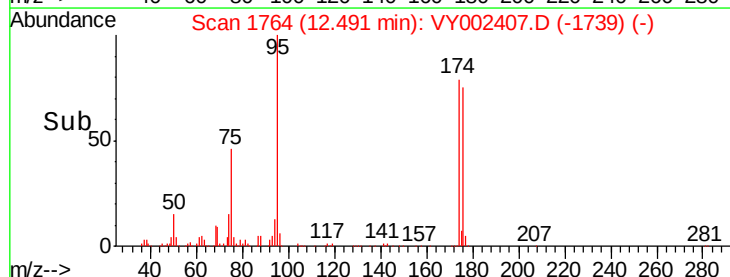
75 100

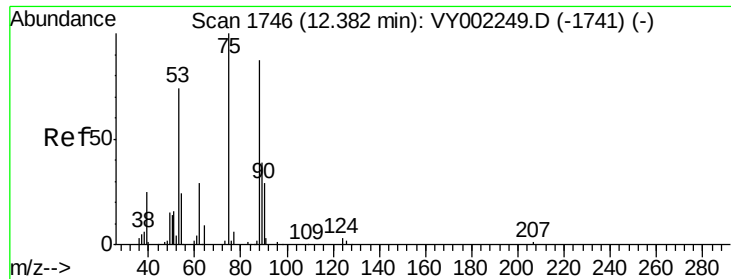
77 1.3 0.0 0.0#



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: 76.466 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

ClientSampleId :

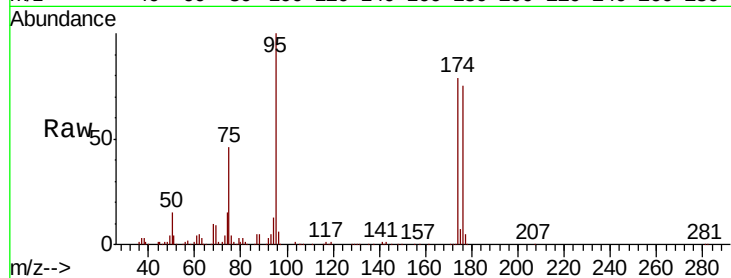
Tot Ion: 75 Resp: 45163

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



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

