

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002172.D
 Acq On : 01 Apr 2020 18:40
 Operator : SY/MD
 Sample : L2129-16
 Misc : 6.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

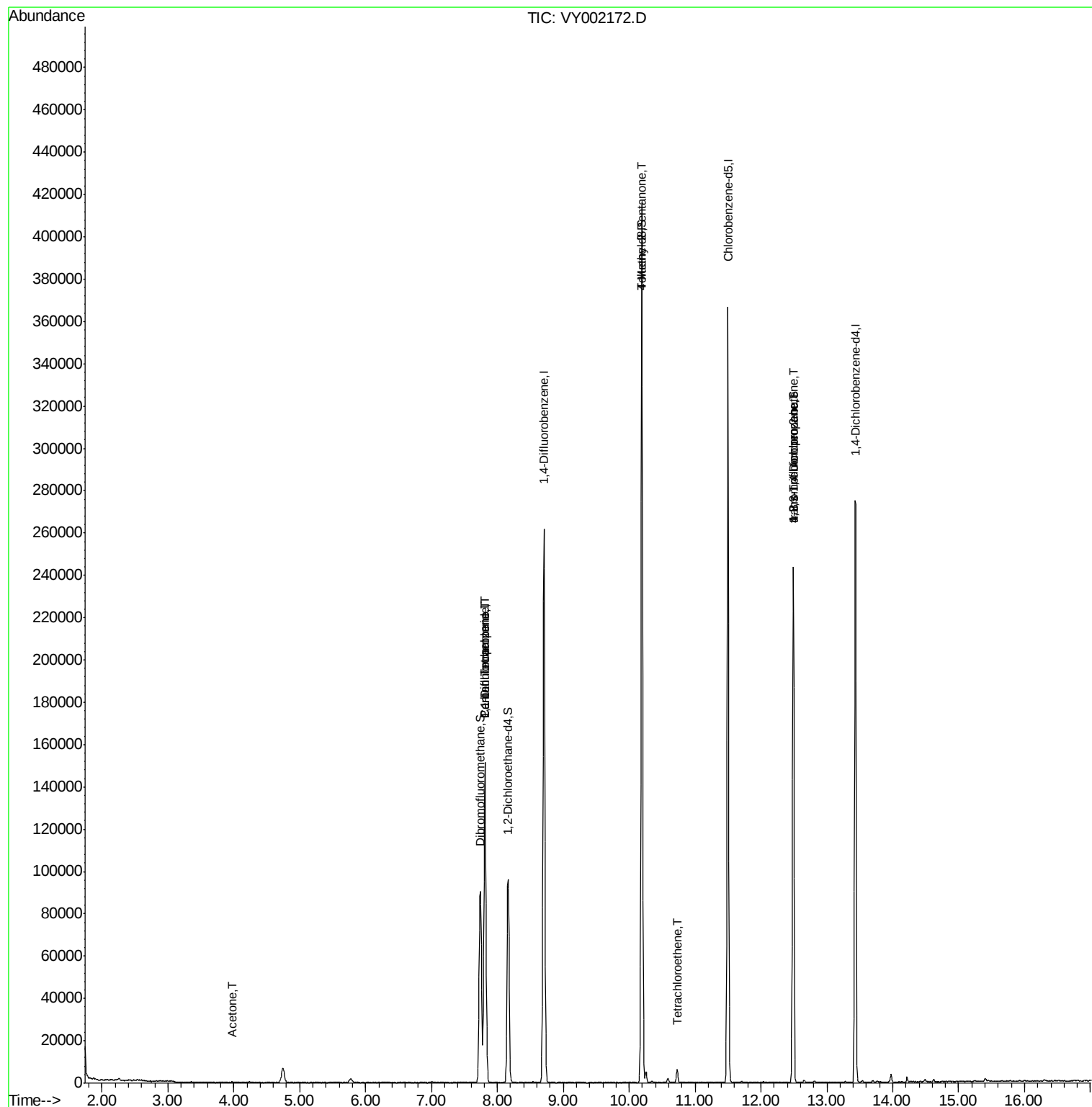
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	113231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	222821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	193589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	68147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	72092	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	7.74	113	67286	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.19	98	268513	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.49	95	77977	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	683	1.942	ug/l #	42
20) Methylene Chloride	4.74	84	5179	Below Cal		95
36) 1,1-Dichloropropene	7.82	75	9558	4.535	ug/l #	49
38) Carbon Tetrachloride	7.81	117	12112	6.774	ug/l #	18
51) 4-Methyl-2-Pentanone	10.19	43	1339	1.100	ug/l #	1
64) Tetrachloroethene	10.73	164	1295	1.093	ug/l	88
76) 1,2,3-Trichloropropane	12.49	75	39363	51.638	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	39363	100.041	ug/l #	17

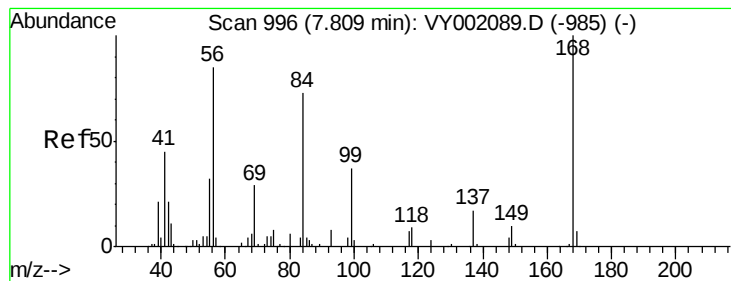
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

Instrument :

MSVOA_Y

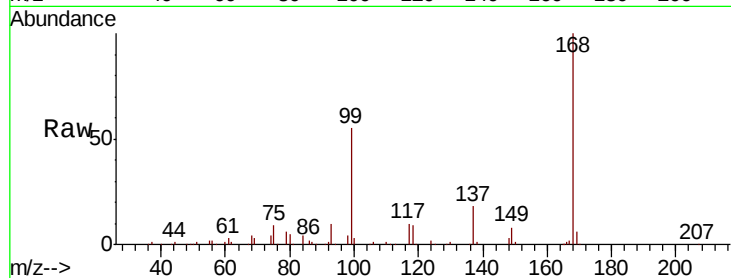
ClientSampled :

Tot Ion:168 Resp: 113231

Ion Ratio Lower Upper

168 100

99 55.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002172.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002172.D (-947) (-)

7.82

60000

50000

40000

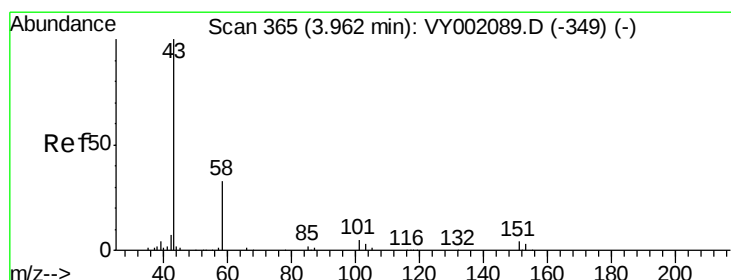
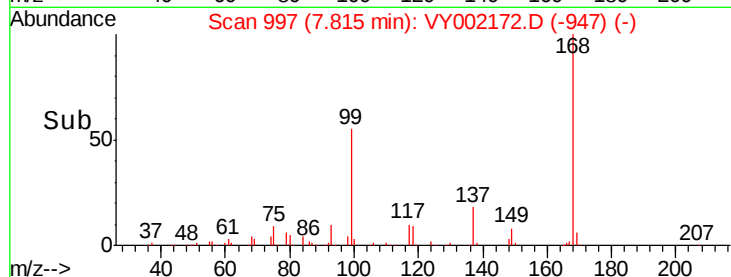
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 1.942 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002172.D

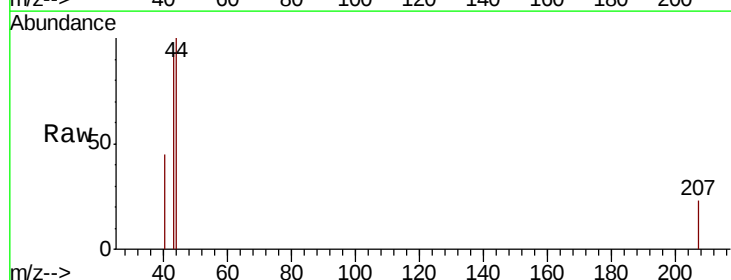
Acq: 01 Apr 2020 18:40

Tgt Ion: 43 Resp: 683

Ion Ratio Lower Upper

43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002172.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002172.D (-316) (-)

3.97

250

200

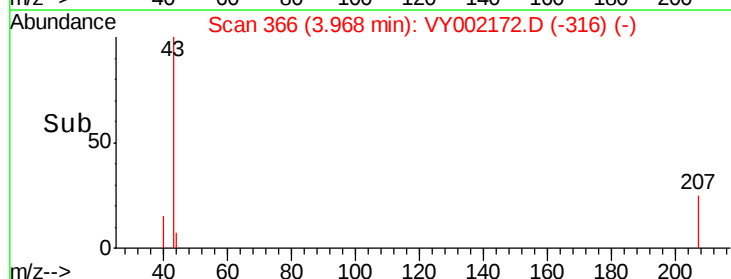
150

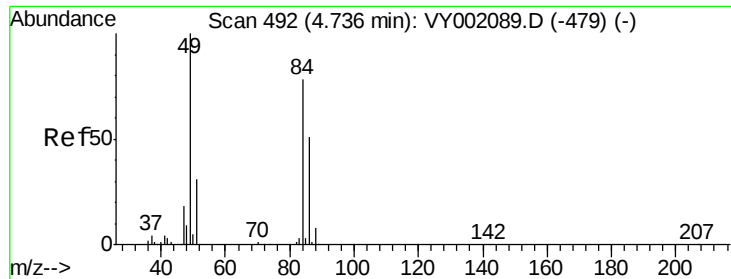
100

50

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 492

Delta R.T. 0.00 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 5179

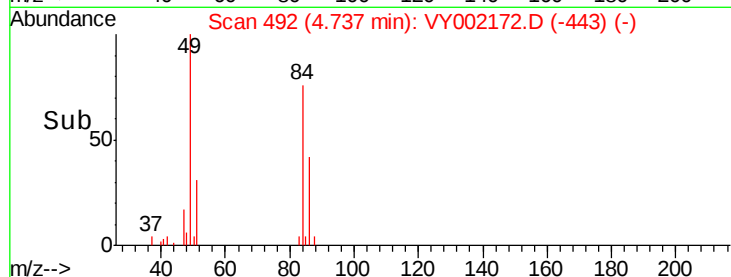
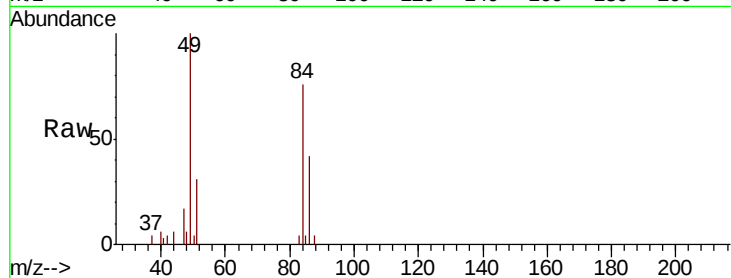
Ion Ratio Lower Upper

84 100

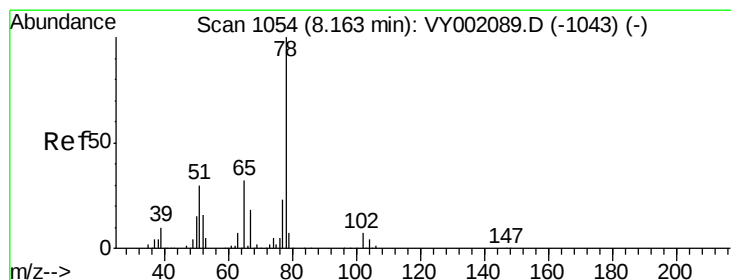
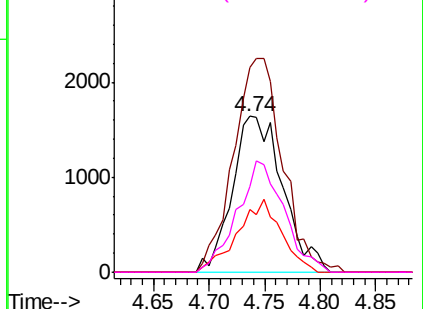
49 131.0 102.2 153.4

51 40.0 31.2 46.8

86 55.4 52.6 78.8



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



#33

1,2-Dichloroethane-d4

Concen: 57.594 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002172.D

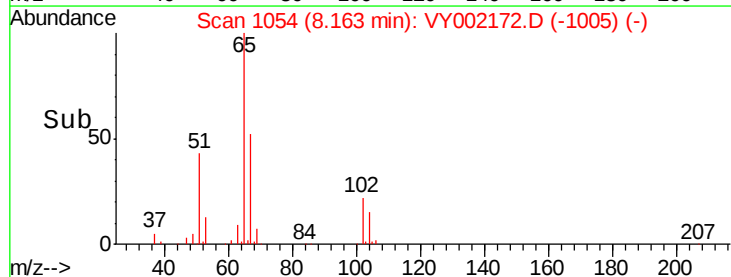
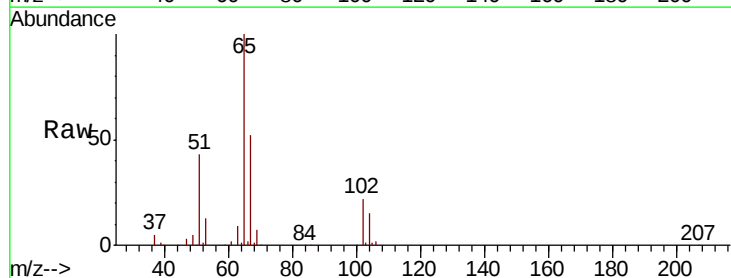
Acq: 01 Apr 2020 18:40

Tgt Ion: 65 Resp: 72092

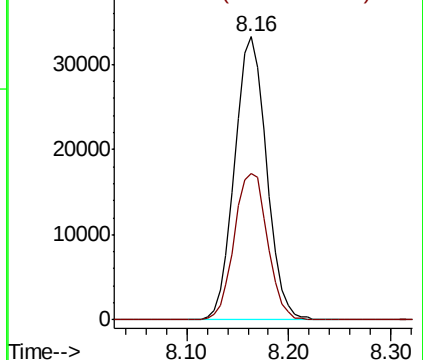
Ion Ratio Lower Upper

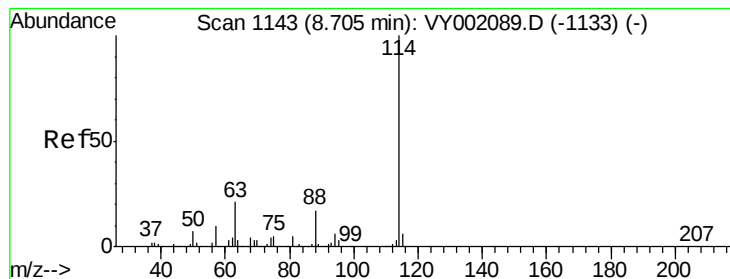
65 100

67 54.1 0.0 112.8



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: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

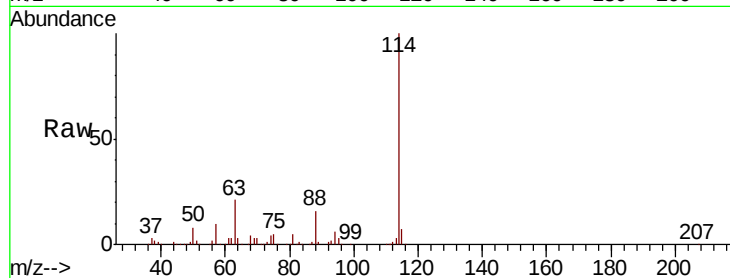
Tot Ion:114 Resp: 222821

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

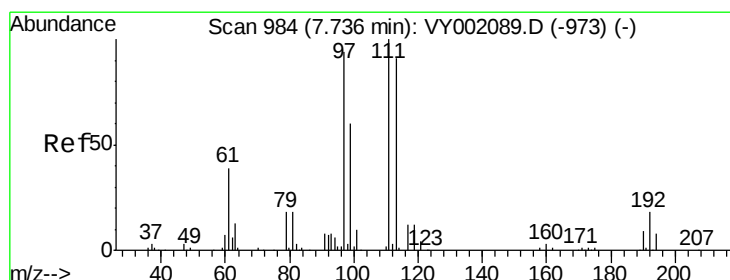
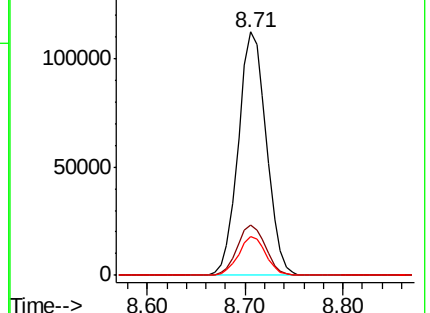
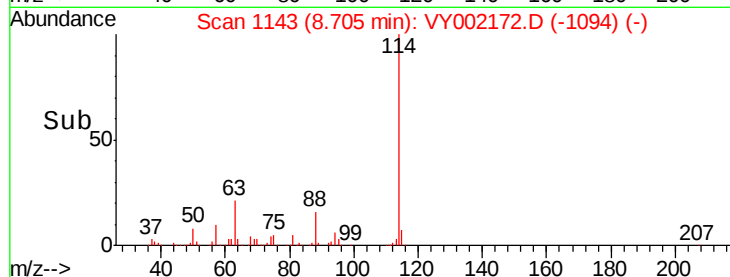
88 16.0 0.0 33.0



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: 53.894 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

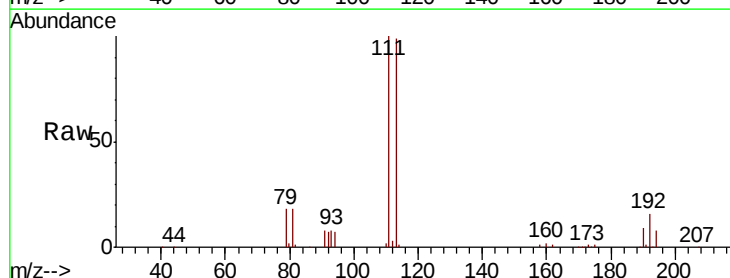
Tgt Ion:113 Resp: 67286

Ion Ratio Lower Upper

113 100

111 101.1 84.4 126.6

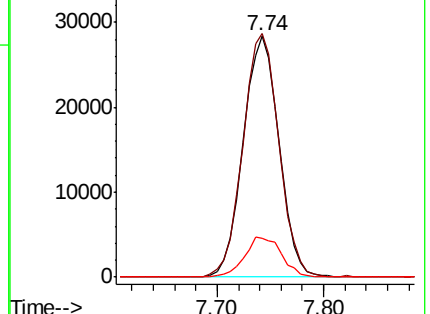
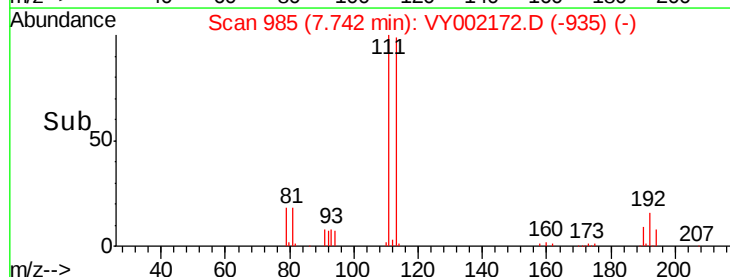
192 17.0 14.6 21.8

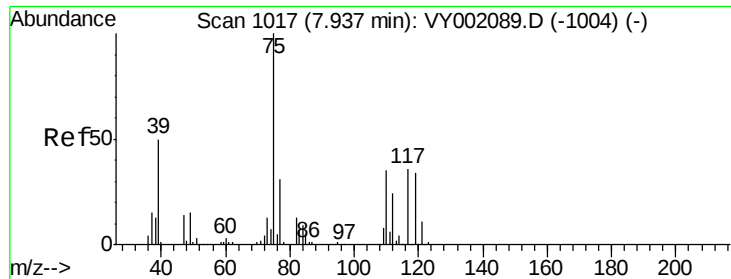


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

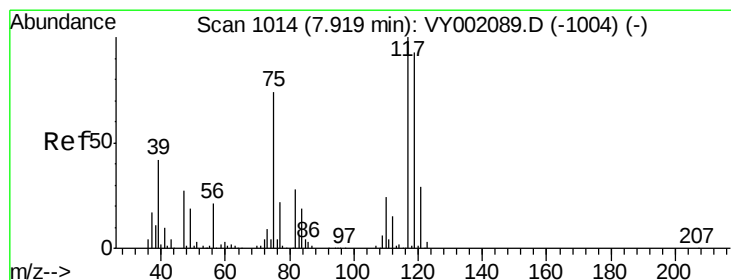
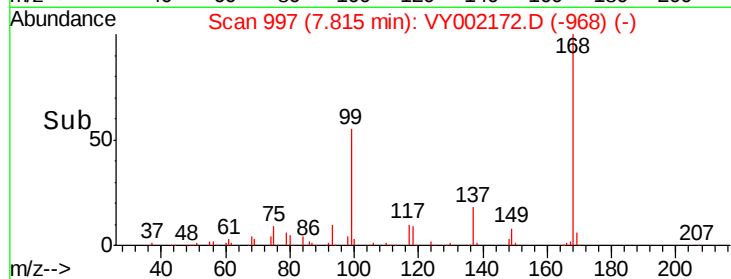
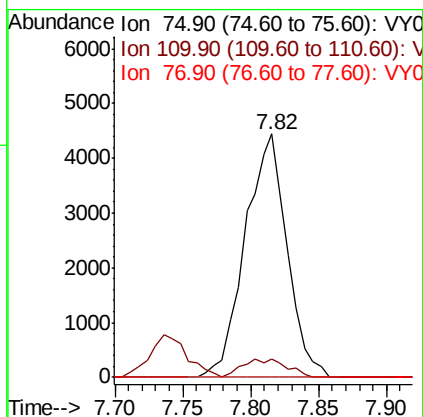
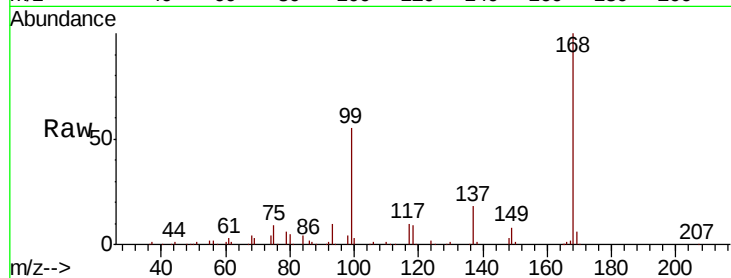




#36
 1,1-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002172.D
 Acq: 01 Apr 2020 18:40

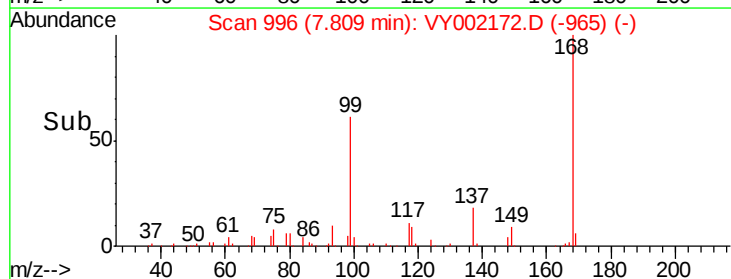
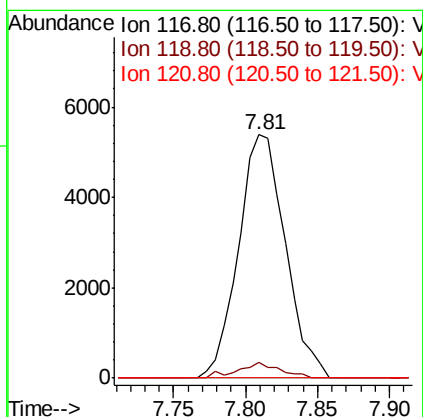
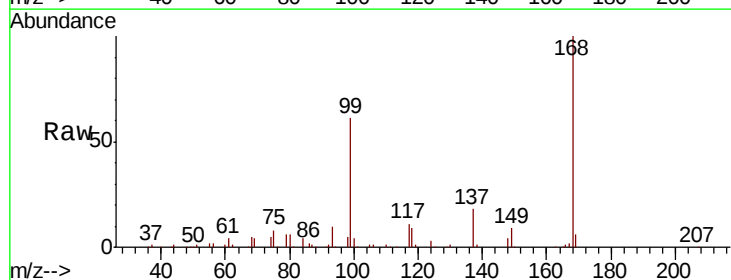
Instrument :
 MSVOA_Y
 ClientSampled :

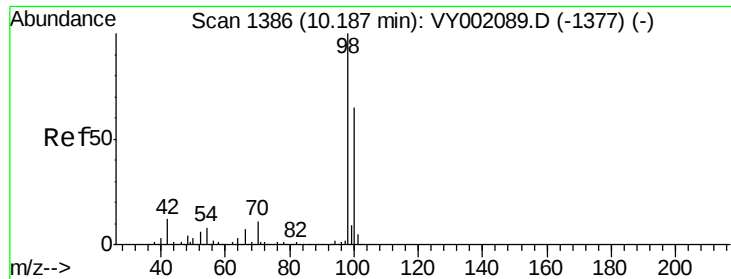
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.774 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002172.D
 Acq: 01 Apr 2020 18:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 51.771 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

Instrument :

MSVOA_Y

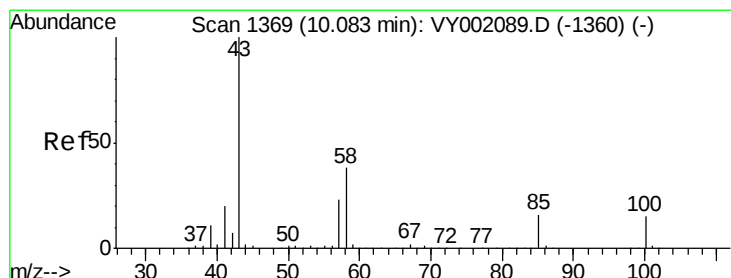
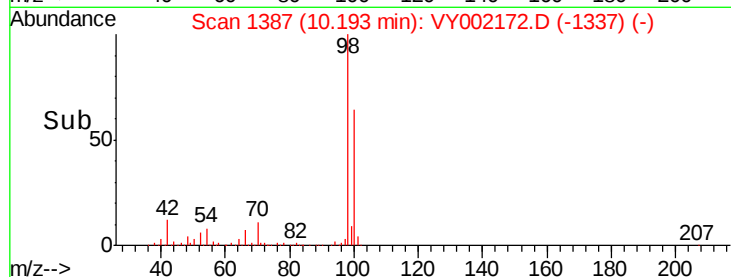
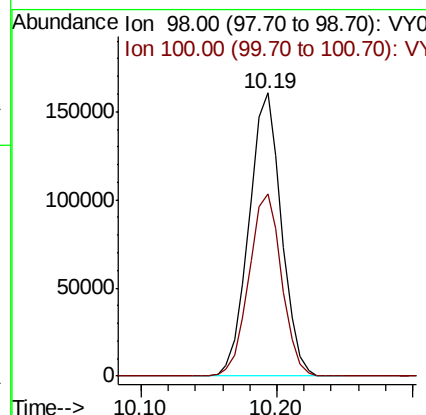
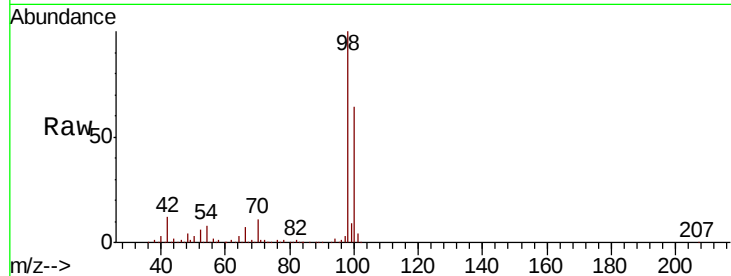
ClientSampleId :

Tot Ion: 98 Resp: 268513

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.100 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002172.D

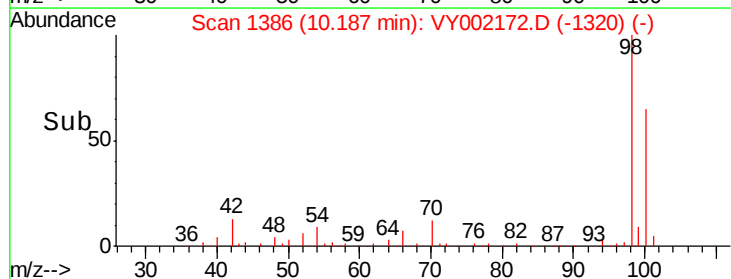
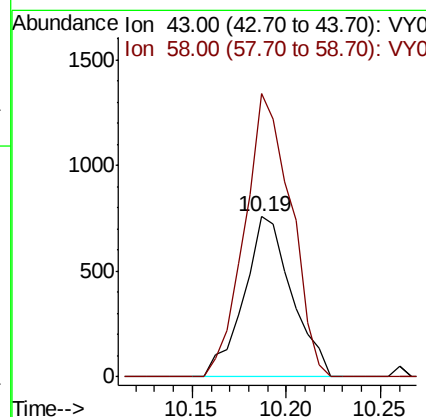
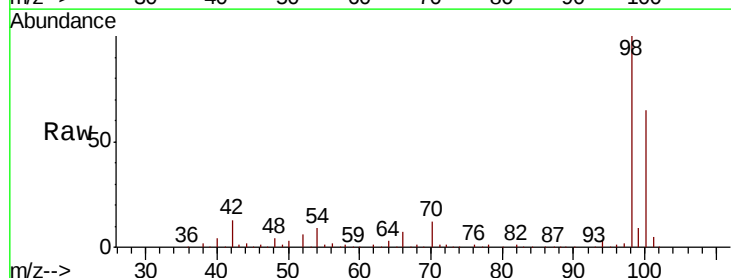
Acq: 01 Apr 2020 18:40

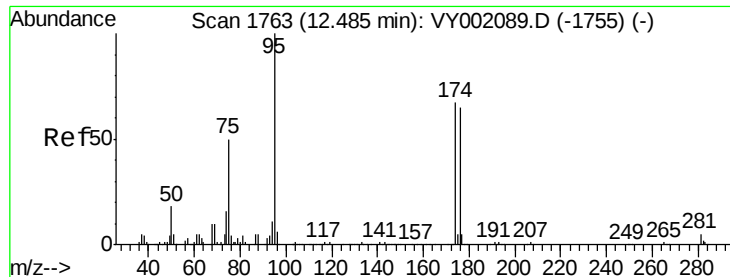
Tgt Ion: 43 Resp: 1339

Ion Ratio Lower Upper

43 100

58 170.8 31.6 47.4#

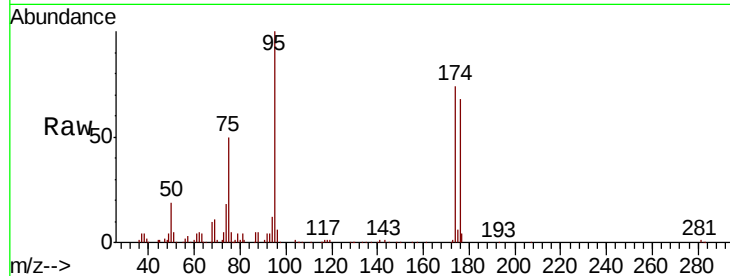




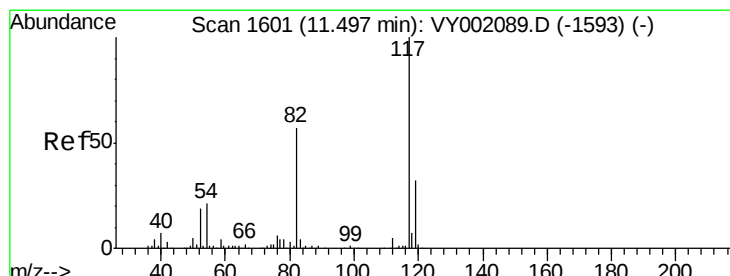
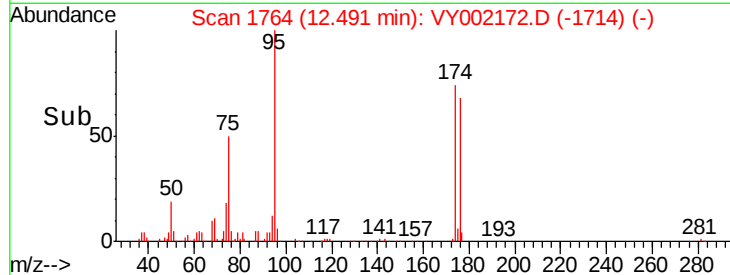
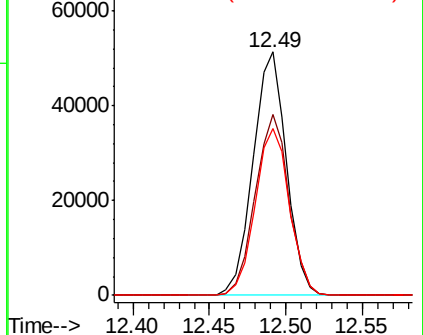
#62
4-Bromofluorobenzene
Concen: 42.988 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002172.D
Acq: 01 Apr 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 95 Resp: 77977
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.4
176 70.2 0.0 137.0

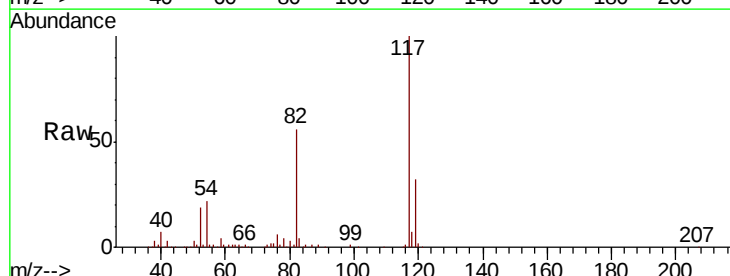


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

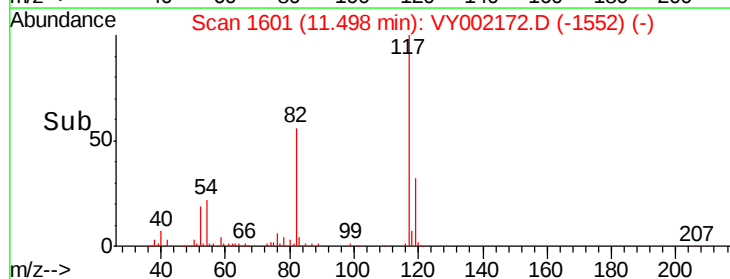
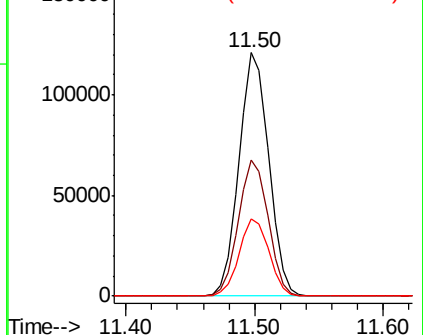


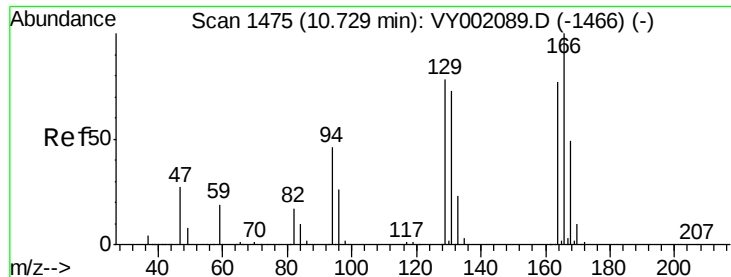
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002172.D
Acq: 01 Apr 2020 18:40

Tgt Ion: 117 Resp: 193589
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VY0
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): VY0





#64

Tetrachloroethene

Concen: 1.093 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:164 Resp: 1295

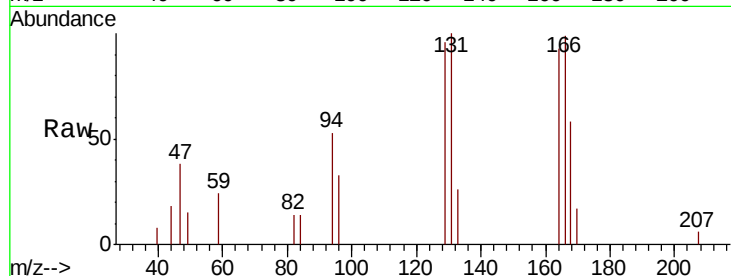
Ion Ratio Lower Upper

164 100

166 105.9 104.0 156.0

129 102.2 81.2 121.8

131 107.0 75.8 113.6

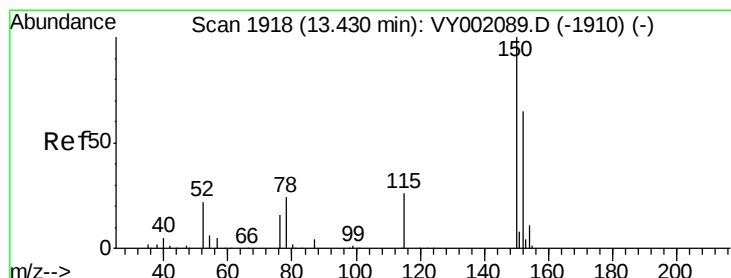
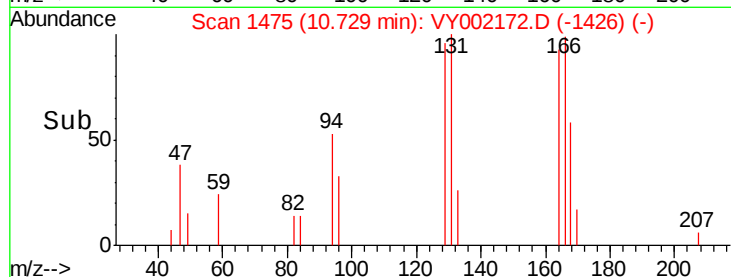
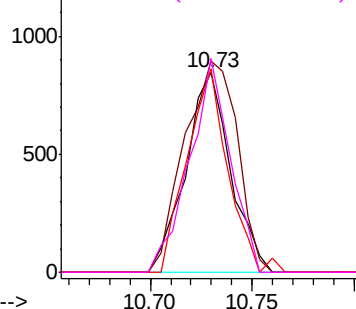


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

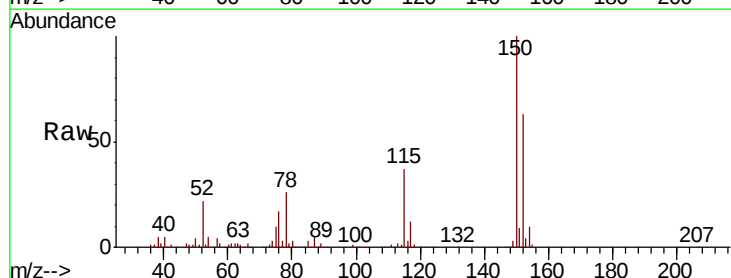
Tgt Ion:152 Resp: 68147

Ion Ratio Lower Upper

152 100

115 60.1 31.2 93.6

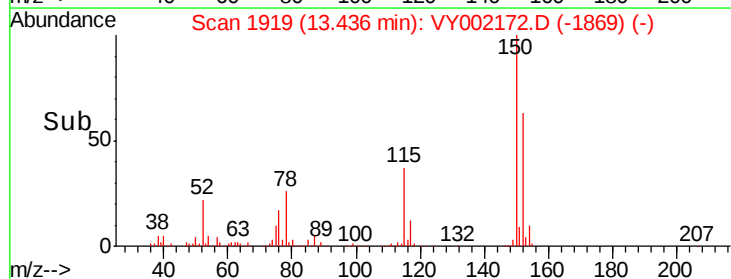
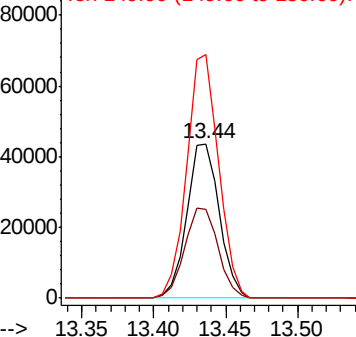
150 154.7 0.0 354.8

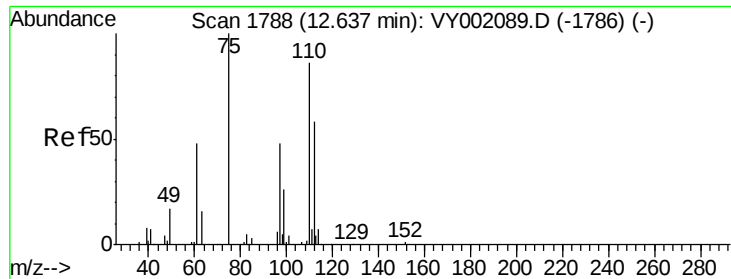


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 51.638 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

Instrument :

MSVOA_Y

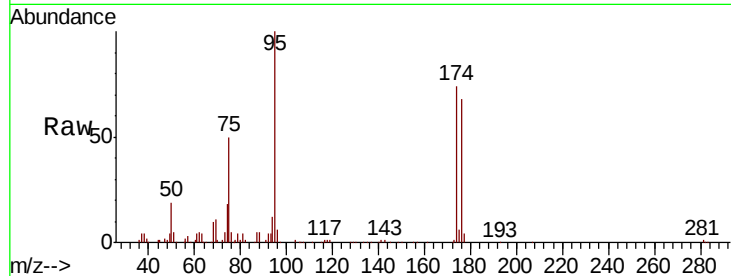
ClientSampleId :

Tot Ion: 75 Resp: 39363

Ion Ratio Lower Upper

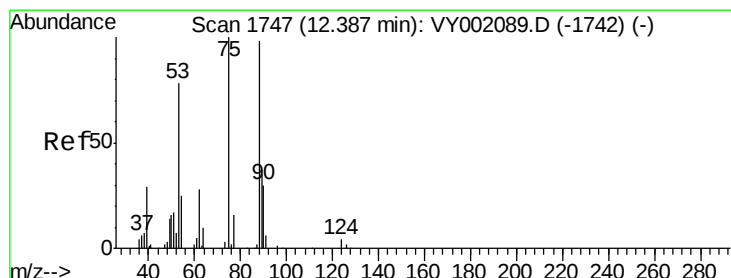
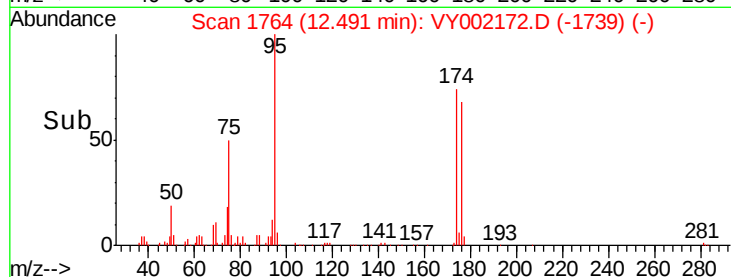
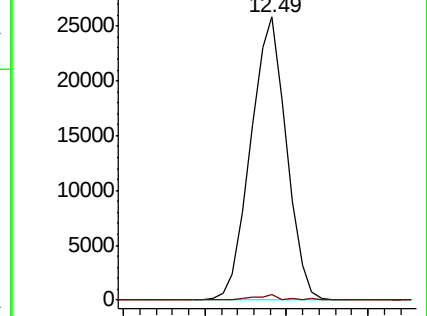
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 100.041 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002172.D

Acq: 01 Apr 2020 18:40

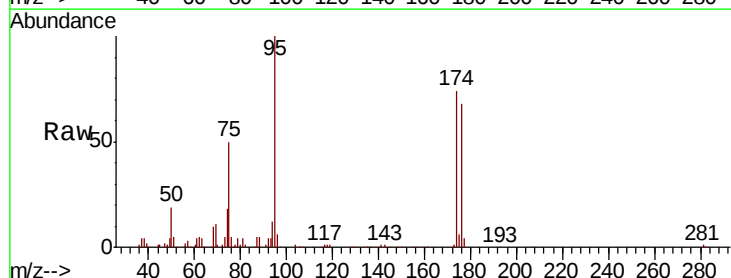
Tgt Ion: 75 Resp: 39363

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

