

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001377.D
 Acq On : 24 Jan 2020 13:22
 Operator : SY/MD
 Sample : L1246-06RE
 Misc : 7.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:48:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

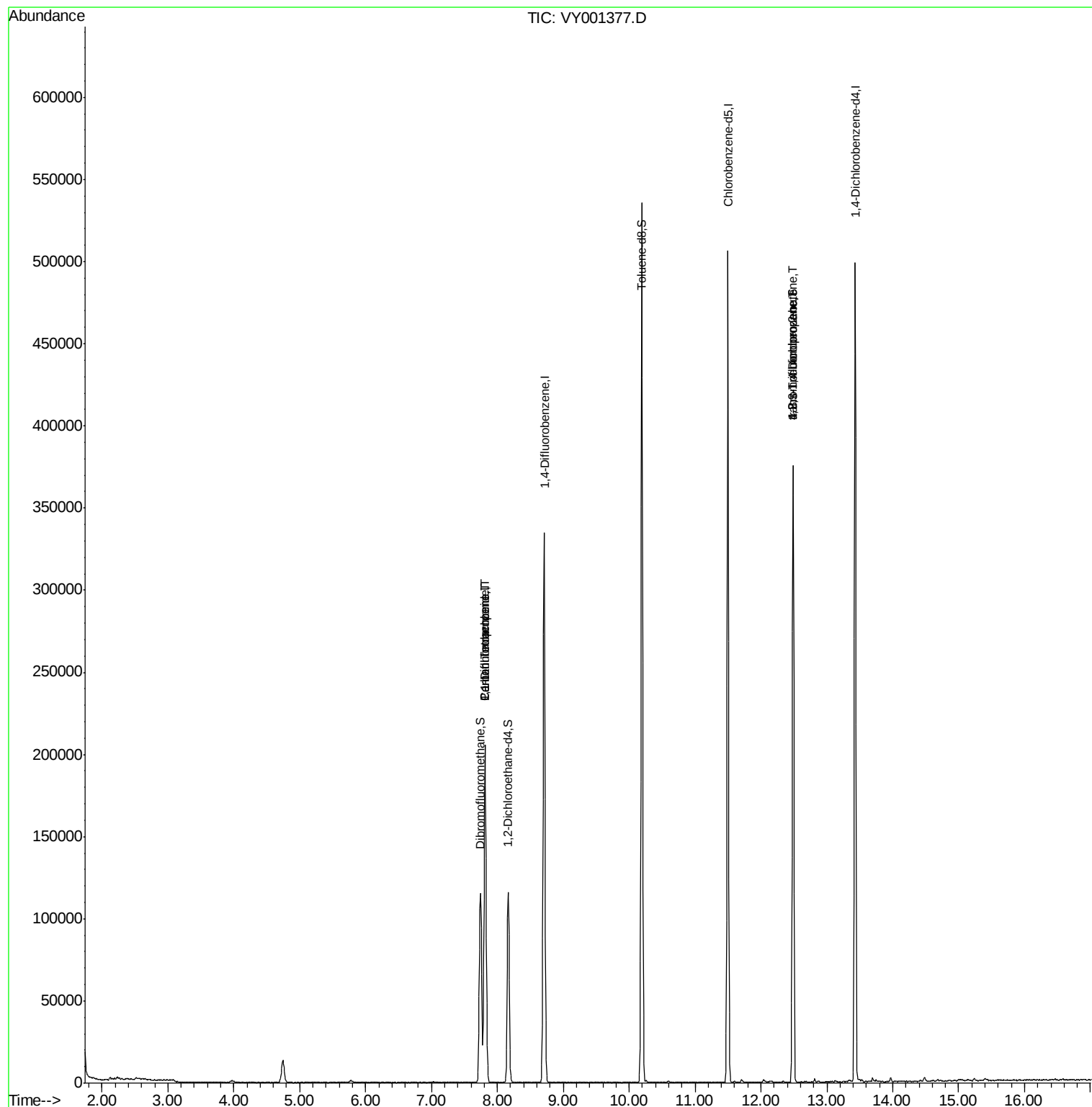
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	295266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87982	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.74	113	84907	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.19	98	347451	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.49	95	124245	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	87	Below Cal	#	74
13) Acrolein	4.01	56	30	Below Cal	#	15
16) Acetone	3.98	43	2609	Below Cal		97
36) 1,1-Dichloropropene	7.82	75	12714	4.558	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15401	6.195	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	61926	41.583	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61926	78.691	ug/l #	14

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 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: VY001377.D

Acq: 24 Jan 2020 13:22

Instrument :

MSVOA_Y

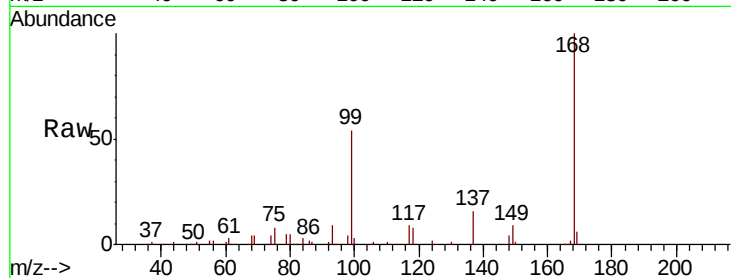
ClientSampleId :

Tot Ion:168 Resp: 162841

Ion Ratio Lower Upper

168 100

99 54.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

60000

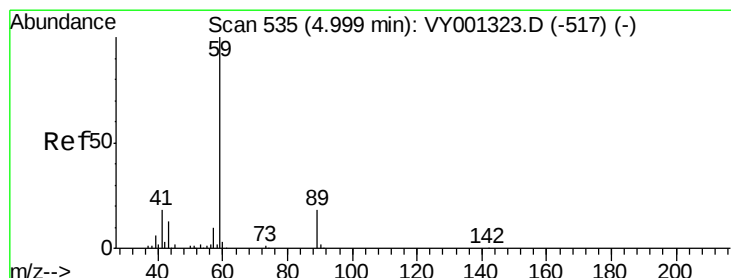
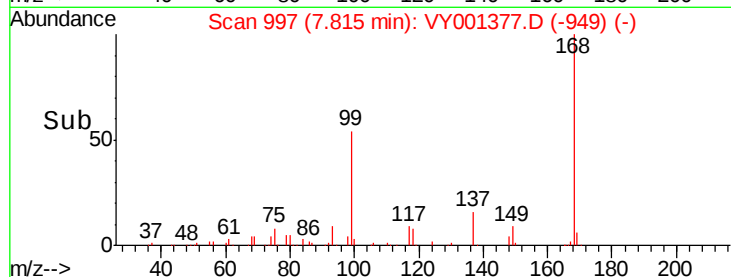
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.04 min

Lab File: VY001377.D

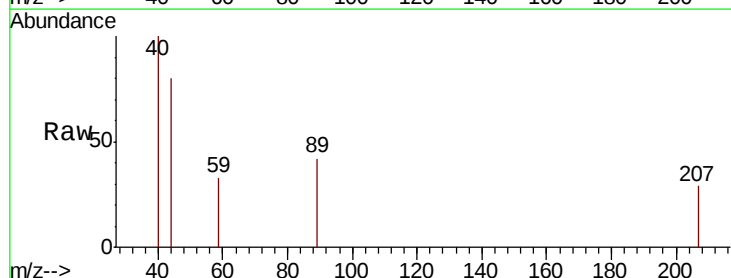
Acq: 24 Jan 2020 13:22

Tgt Ion: 59 Resp: 87

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)

4.96

60

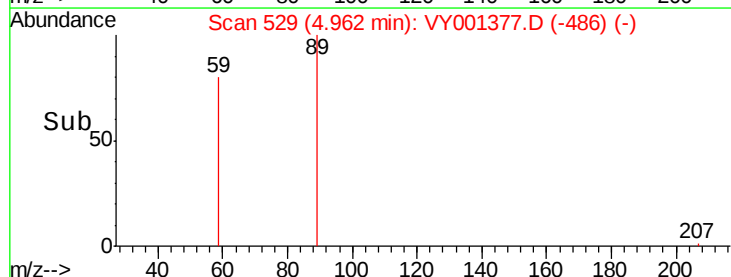
40

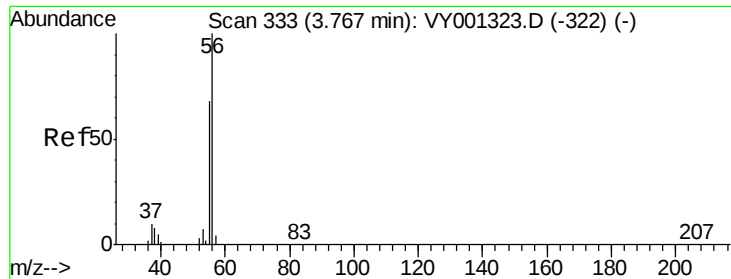
20

0

4.92 4.94 4.96 4.98 5.00

Time-->

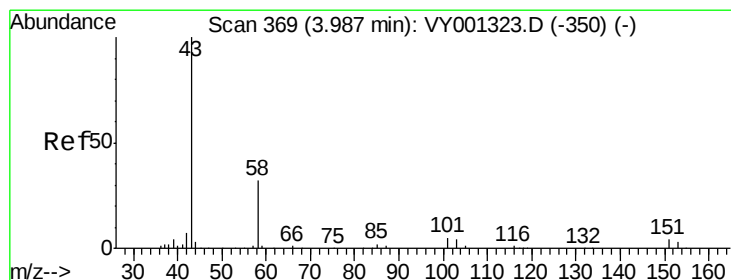
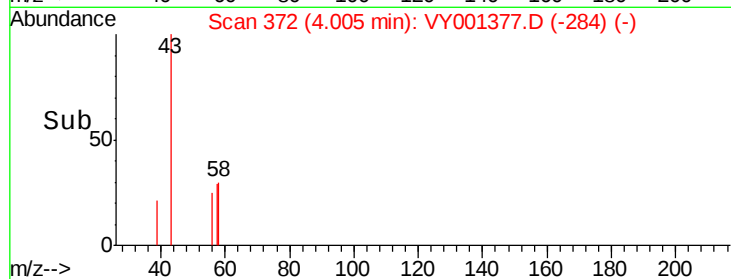
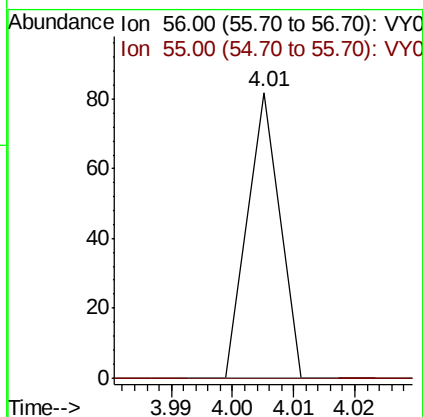
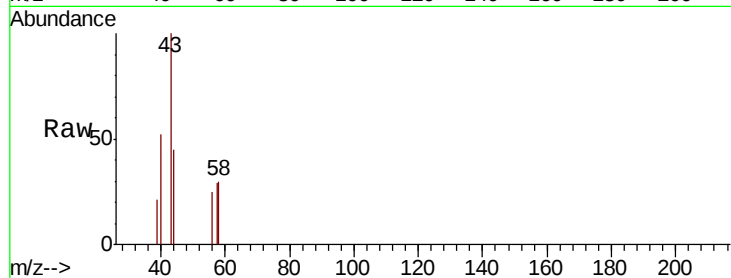




#13
Acrolein
Concen: Below Cal
RT: 4.01 min Scan# 372
Delta R.T. 0.24 min
Lab File: VY001377.D
Acq: 24 Jan 2020 13:22

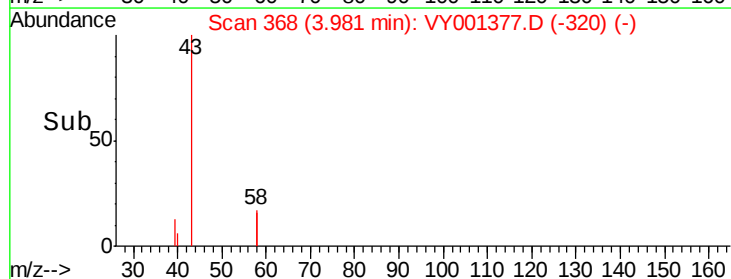
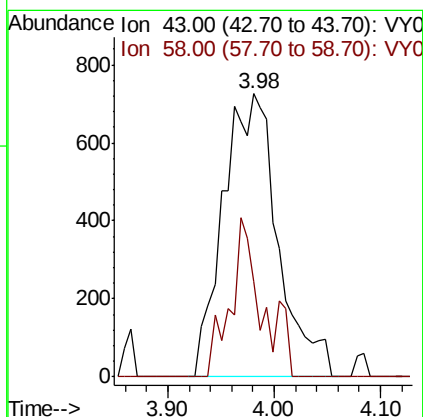
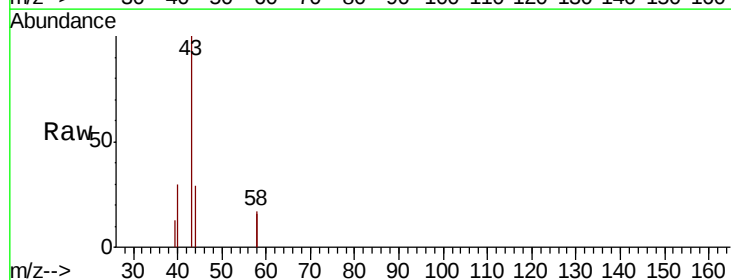
Instrument :
MSVOA_Y
ClientSampleId :

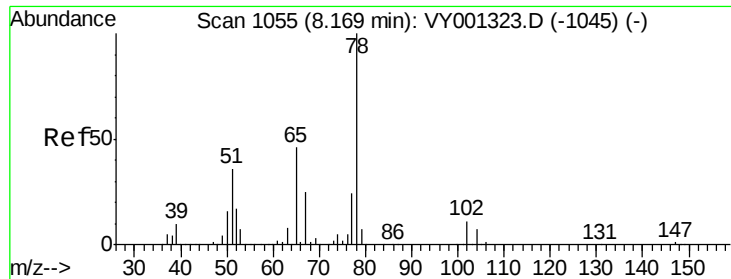
Tot Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#



#16
Acetone
Concen: Below Cal
RT: 3.98 min Scan# 368
Delta R.T. -0.01 min
Lab File: VY001377.D
Acq: 24 Jan 2020 13:22

Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 33.5 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 49.653 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001377.D

Acq: 24 Jan 2020 13:22

Instrument :

MSVOA_Y

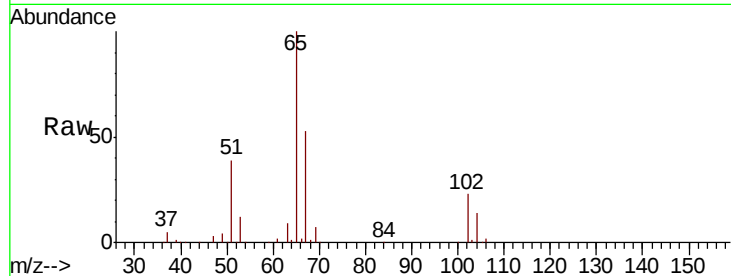
ClientSampleId :

Tot Ion: 65 Resp: 87982

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)

8.16

40000

30000

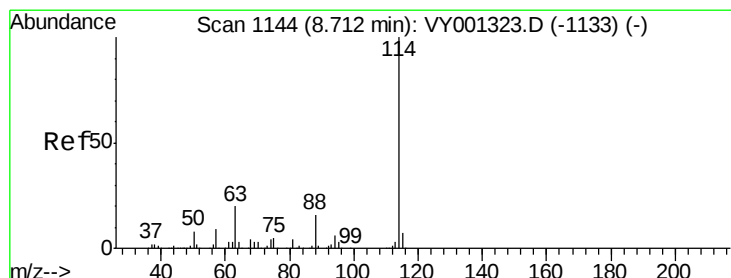
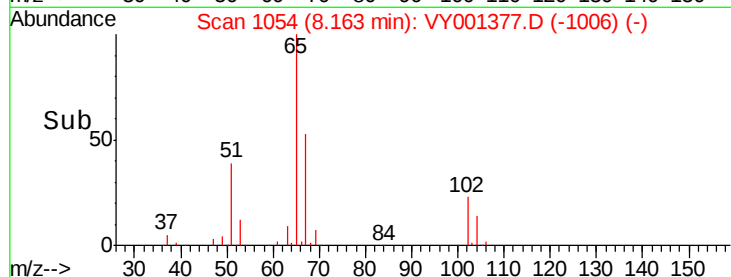
20000

10000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001377.D

Acq: 24 Jan 2020 13:22

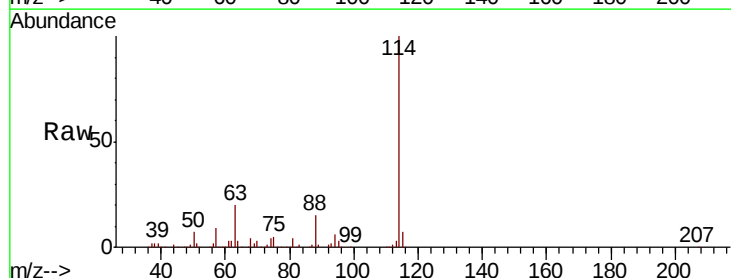
Tgt Ion: 114 Resp: 295266

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VY001323.D (-1133) (-)

Ion 63.00 (62.70 to 63.70): VY001323.D (-1133) (-)

Ion 87.90 (87.60 to 88.60): VY001323.D (-1133) (-)

8.71

200000

150000

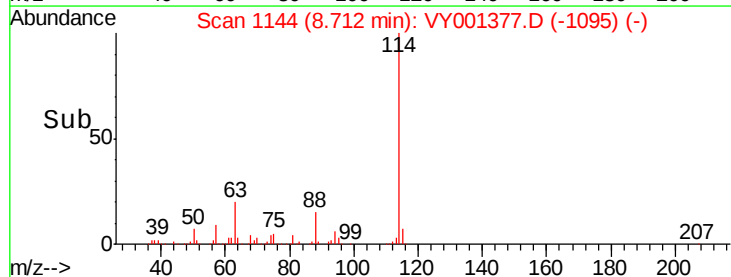
100000

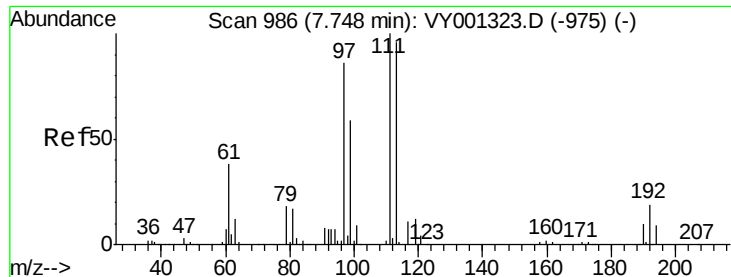
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 48.996 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001377.D

Acq: 24 Jan 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :

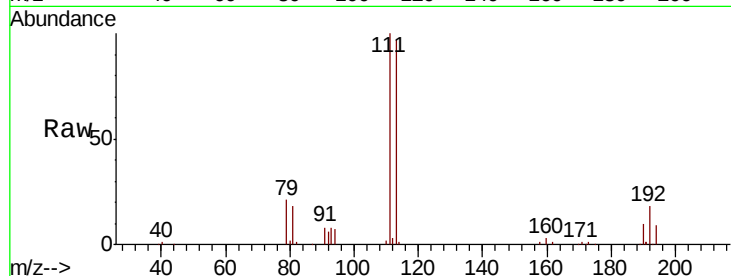
Tot Ion:113 Resp: 84907

Ion Ratio Lower Upper

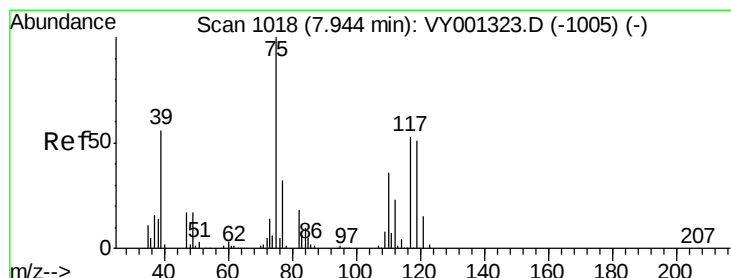
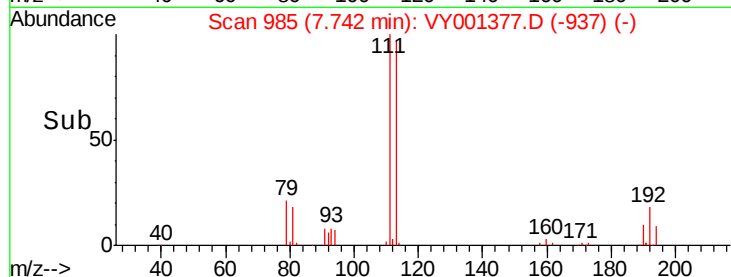
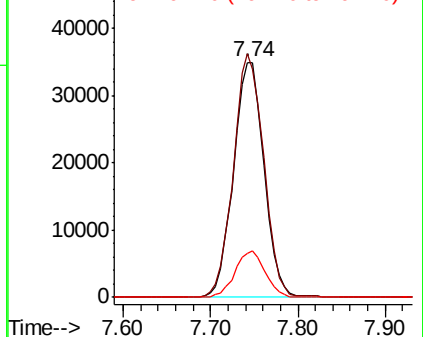
113 100

111 102.6 82.8 124.2

192 19.4 15.5 23.3



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: 4.558 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001377.D

Acq: 24 Jan 2020 13:22

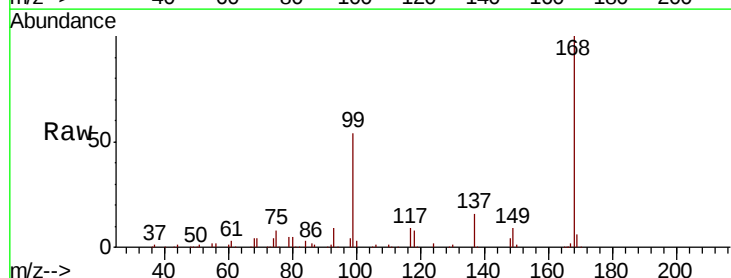
Tgt Ion: 75 Resp: 12714

Ion Ratio Lower Upper

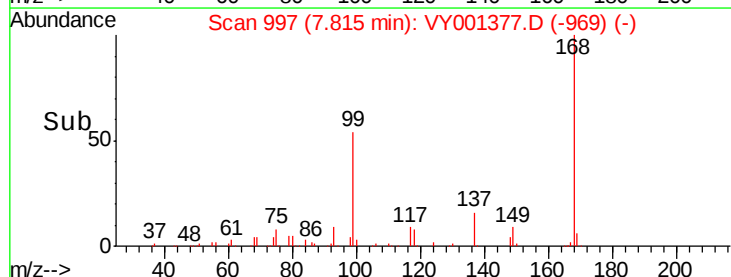
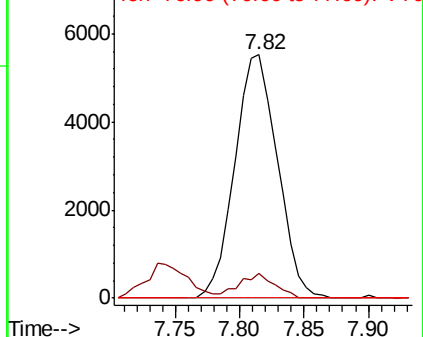
75 100

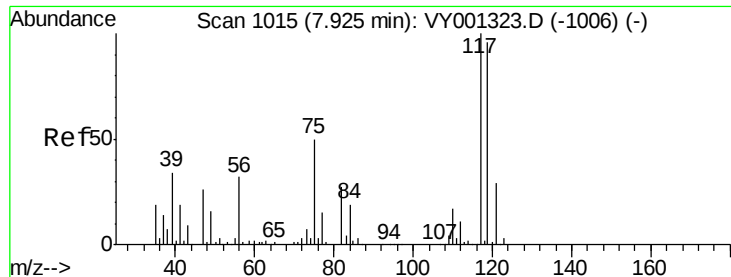
110 8.4 17.6 52.8#

77 0.0 24.7 37.1#



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

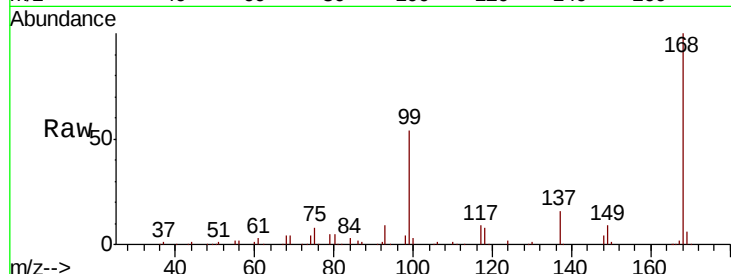




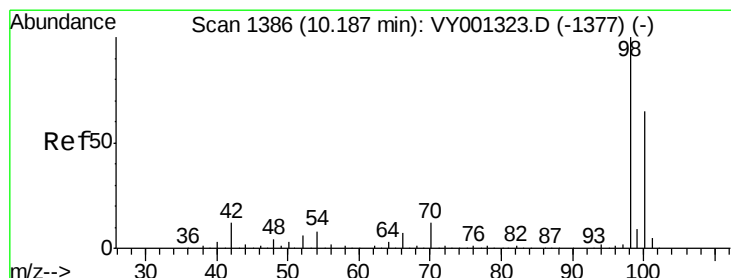
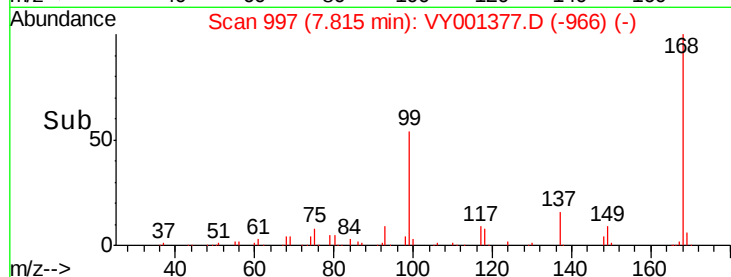
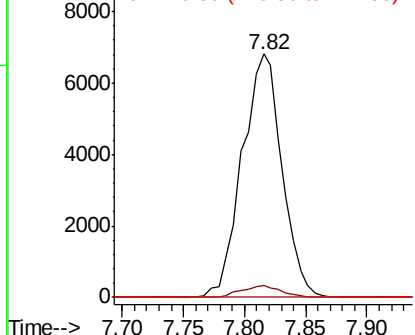
#38
Carbon Tetrachloride
Concen: 6.195 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001377.D
Acq: 24 Jan 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 15401
Ion Ratio Lower Upper
117 100
119 5.0 76.3 114.5#
121 0.0 23.5 35.3#

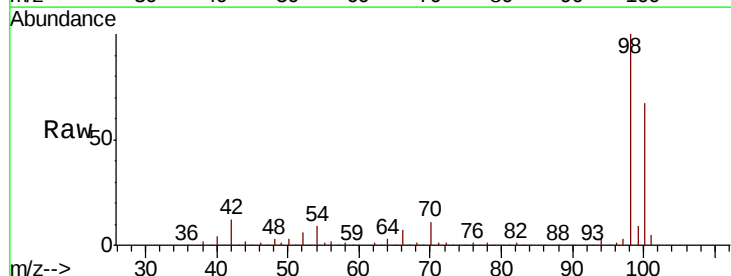


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

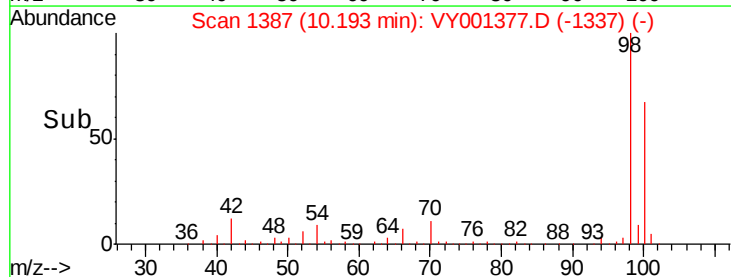
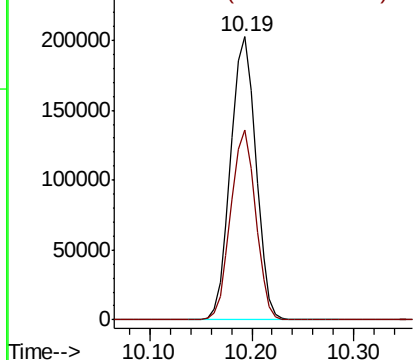


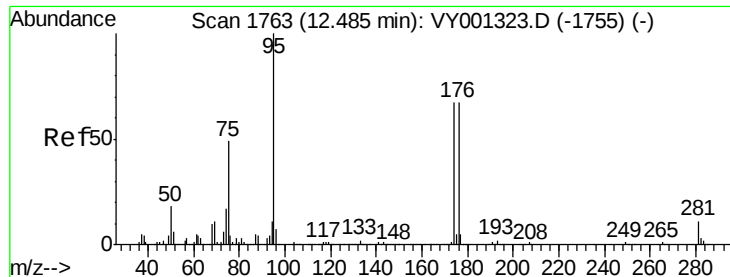
#50
Toluene-d8
Concen: 51.605 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001377.D
Acq: 24 Jan 2020 13:22

Tgt Ion: 98 Resp: 347451
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0



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

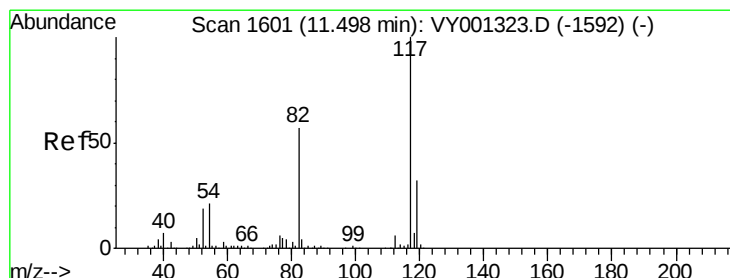
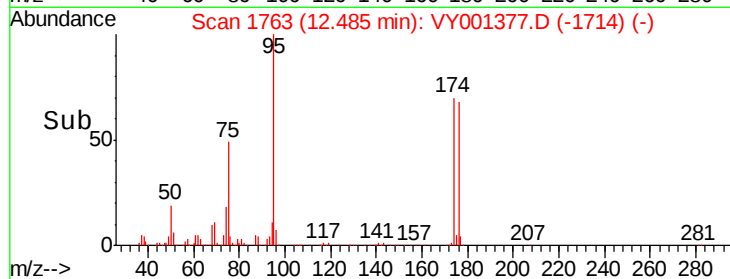
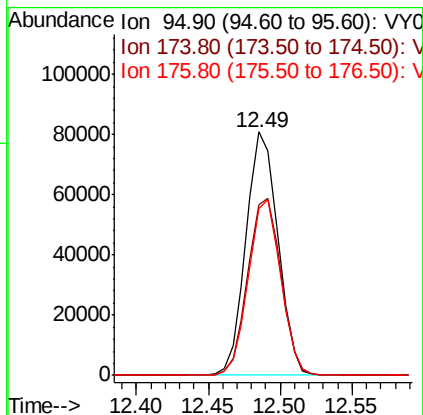
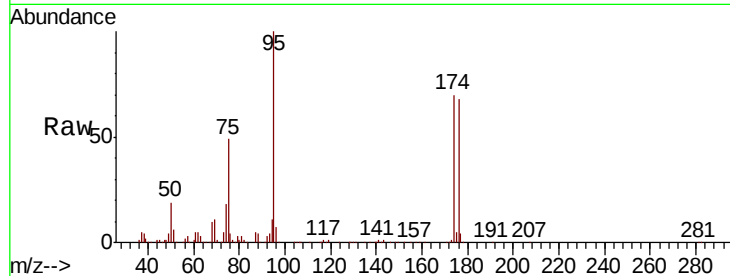




#62
4-Bromofluorobenzene
Concen: 46.338 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001377.D
Acq: 24 Jan 2020 13:22

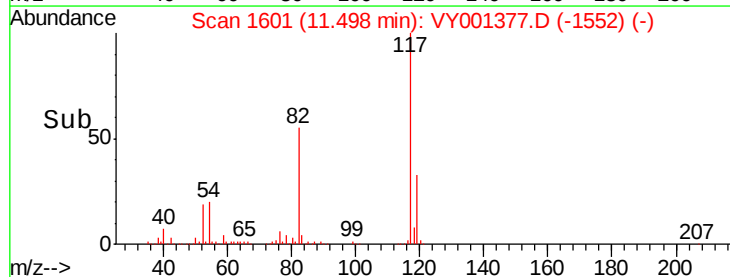
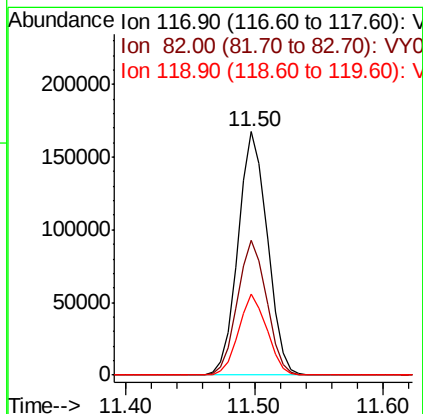
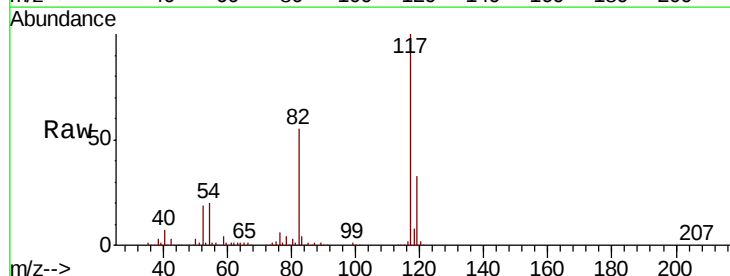
Instrument :
MSVOA_Y
ClientSampleId :

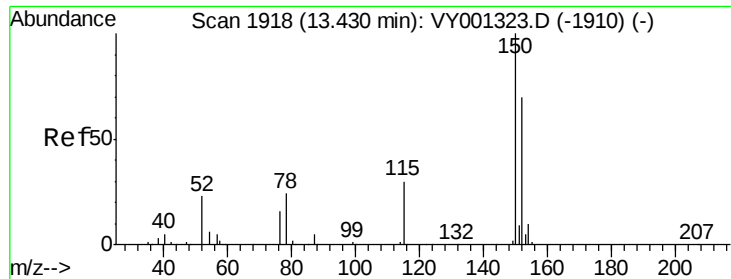
Tot Ion: 95 Resp: 124245
Ion Ratio Lower Upper
95 100
174 75.3 0.0 142.0
176 72.8 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001377.D
Acq: 24 Jan 2020 13:22

Tgt Ion: 117 Resp: 263441
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 33.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001377.D

Acq: 24 Jan 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

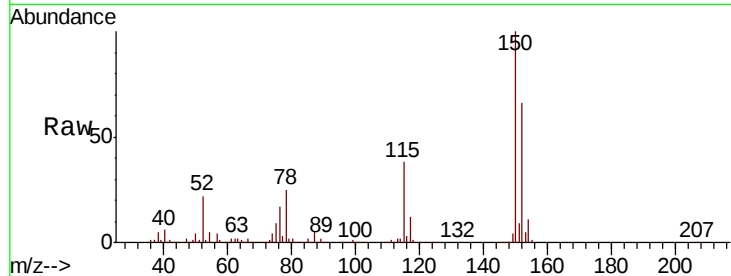
Tot Ion:152 Resp: 123586

Ion Ratio Lower Upper

152 100

115 58.8 30.9 92.8

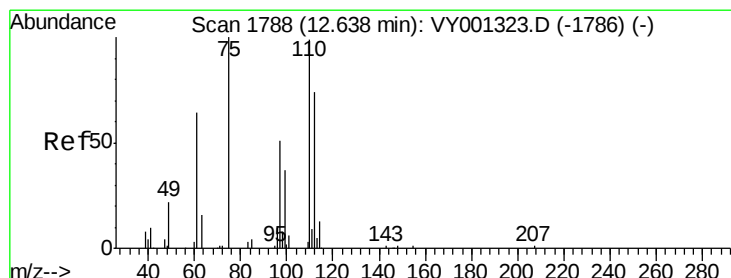
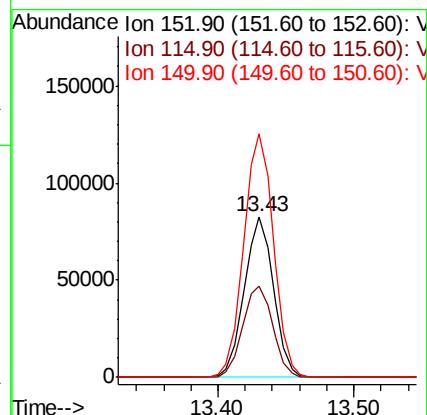
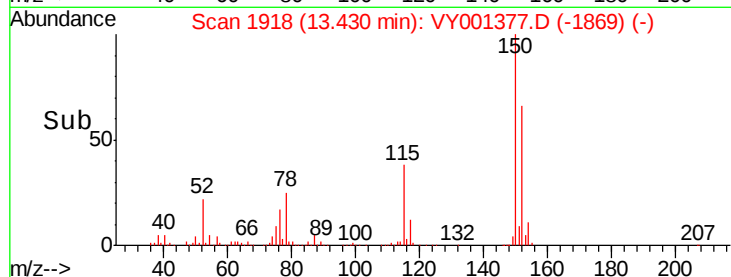
150 154.5 0.0 349.2



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: 41.583 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001377.D

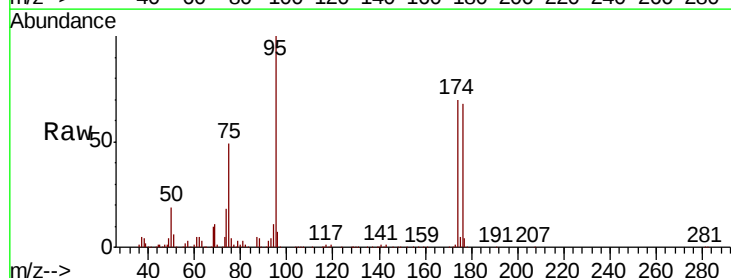
Acq: 24 Jan 2020 13:22

Tgt Ion: 75 Resp: 61926

Ion Ratio Lower Upper

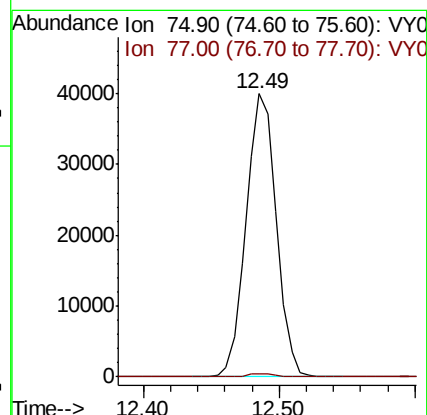
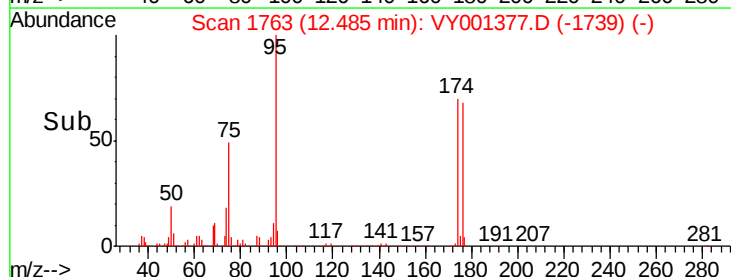
75 100

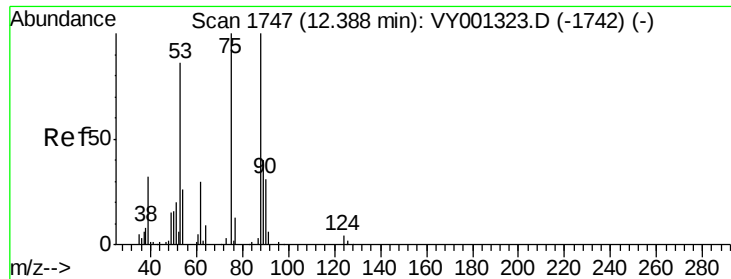
77 1.2 0.0 0.0#



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: 78.691 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001377.D

Acq: 24 Jan 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 61926

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.1 36.6 54.8#

