

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001701.D
 Acq On : 19 Feb 2020 16:08
 Operator : SY/MD
 Sample : L1595-02
 Misc : 7.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 20 05:40:10 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

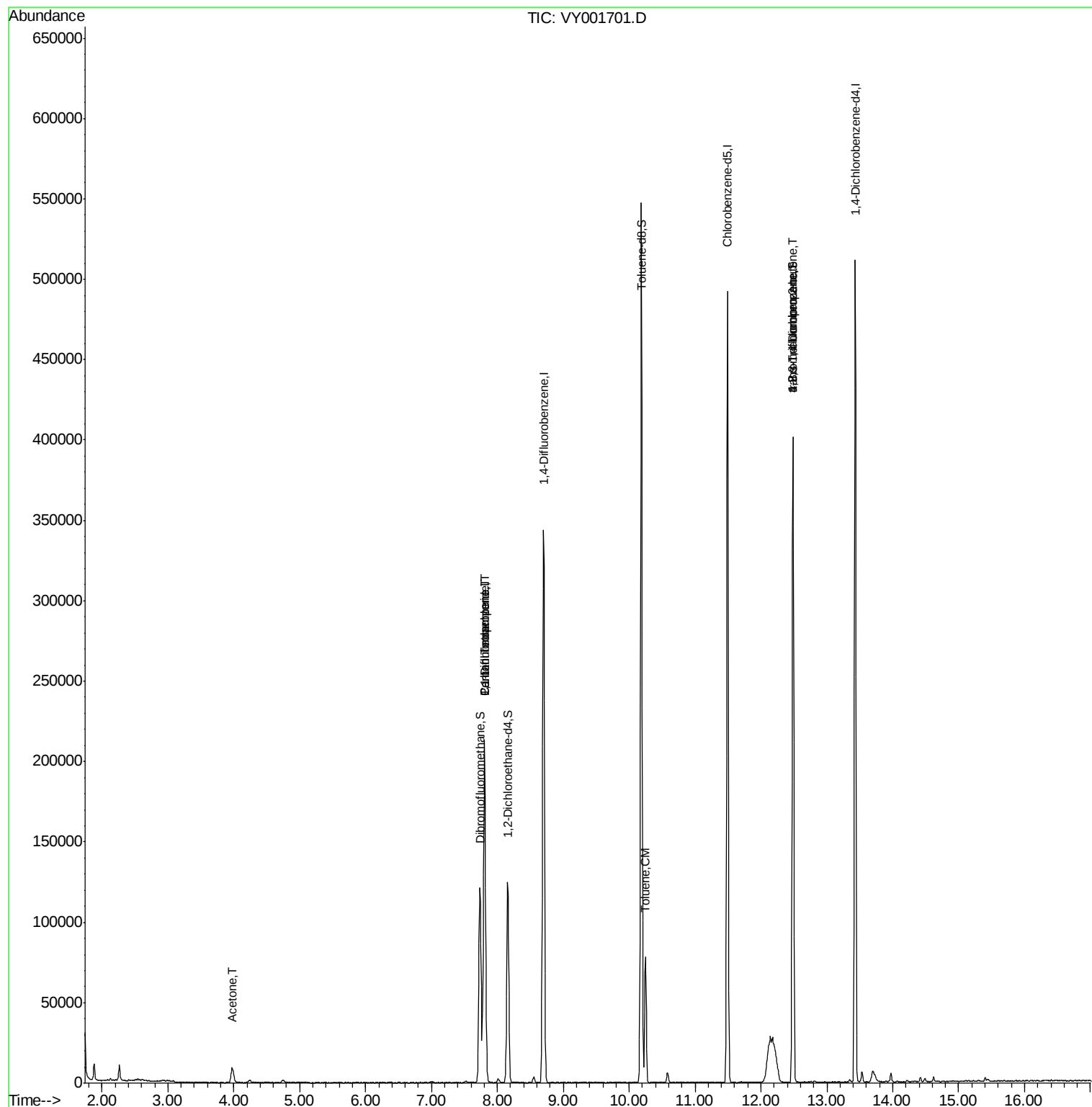
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	295451	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	265459	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	122321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95389	54.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	7.74	113	87861	51.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.19	98	355871	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	125710	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	254	Below Cal	#	74
16) Acetone	3.97	43	17179	28.391	ug/l	99
36) 1,1-Dichloropropene	7.80	75	13585	4.814	ug/l #	50
38) Carbon Tetrachloride	7.80	117	16097	6.494	ug/l #	17
52) Toluene	10.25	92	32103	6.201	ug/l	98
76) 1,2,3-Trichloropropane	12.49	75	64072	45.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64072	86.629	ug/l #	17

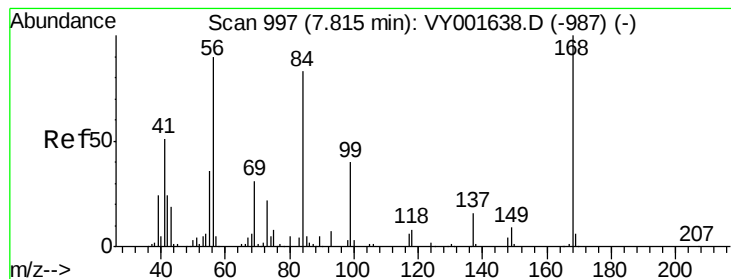
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

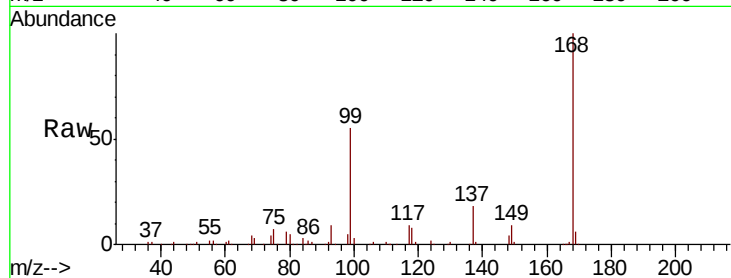
ClientSampled :

Tot Ion:168 Resp: 162574

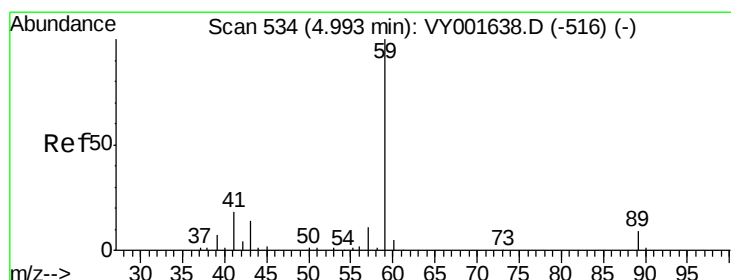
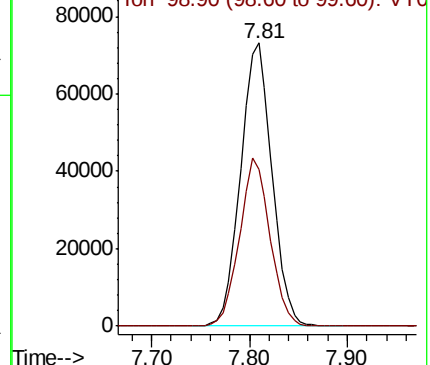
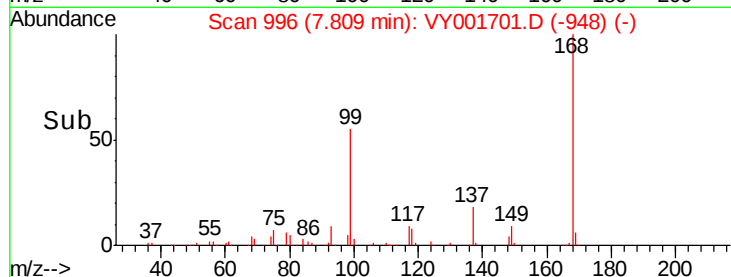
Ion Ratio Lower Upper

168 100

99 55.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001701.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001701.D

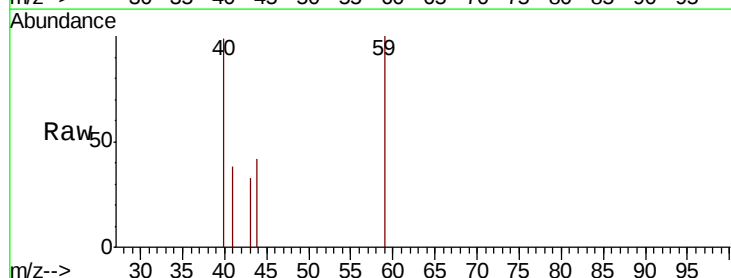
Acq: 19 Feb 2020 16:08

Tgt Ion: 59 Resp: 254

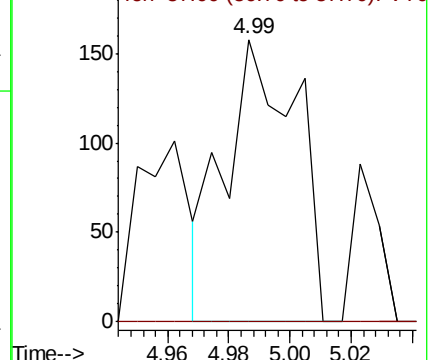
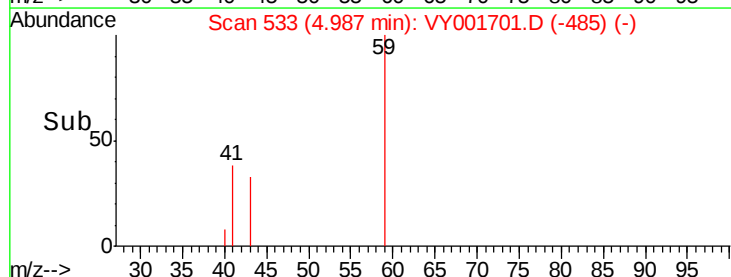
Ion Ratio Lower Upper

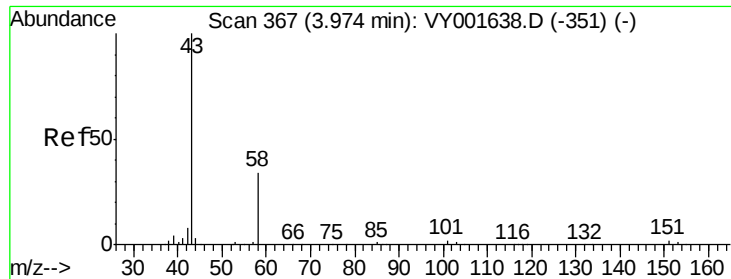
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001701.D (-485) (-)





#16

Acetone

Concen: 28.391 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

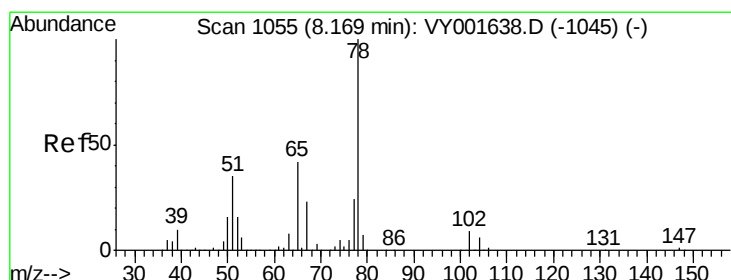
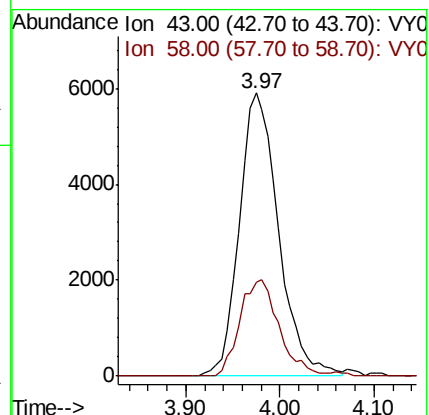
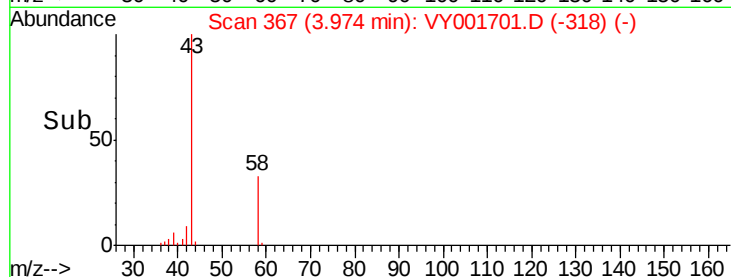
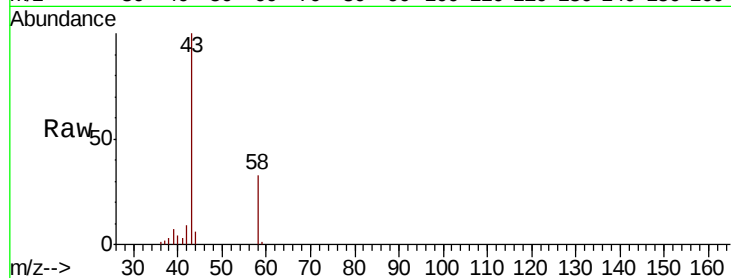
ClientSampleId :

Tot Ion: 43 Resp: 17179

Ion Ratio Lower Upper

43 100

58 33.4 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 54.548 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001701.D

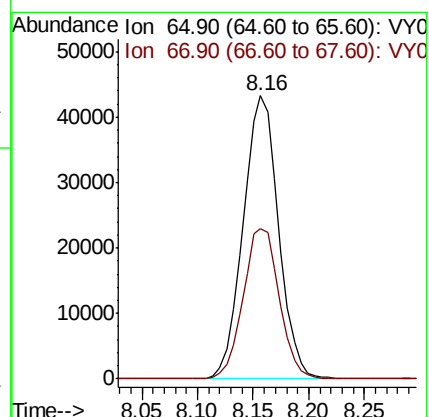
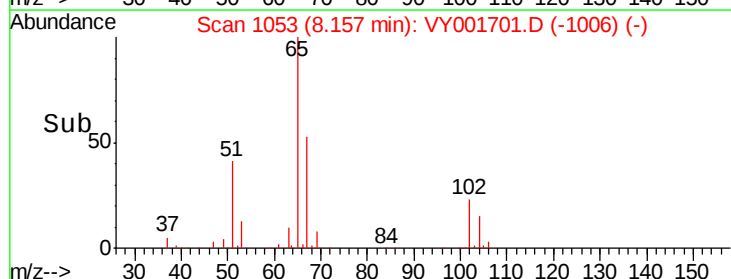
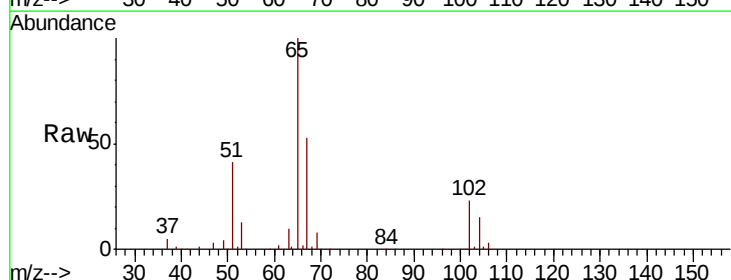
Acq: 19 Feb 2020 16:08

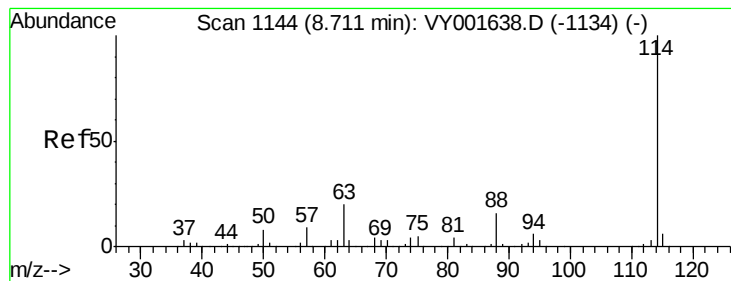
Tgt Ion: 65 Resp: 95389

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

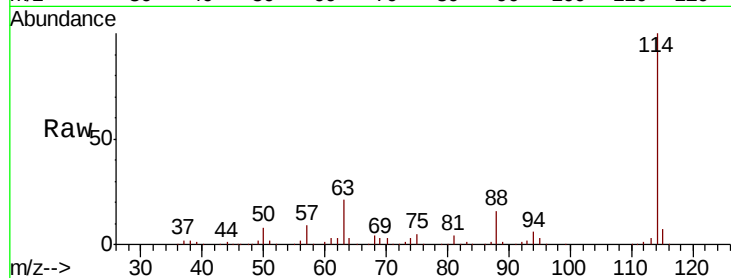
Tot Ion:114 Resp: 295451

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

88 16.0 0.0 32.8



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

200000

150000

100000

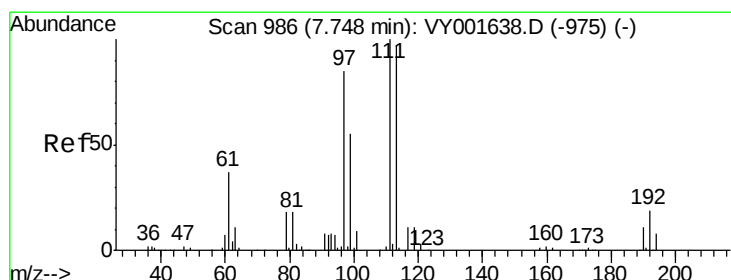
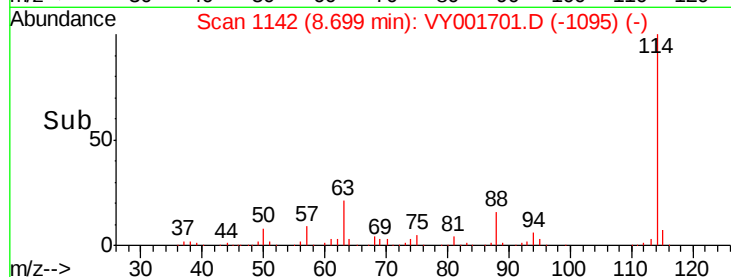
50000

0

8.70

8.60 8.65 8.70 8.75 8.80

Time-->



#35

Dibromofluoromethane

Concen: 51.921 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

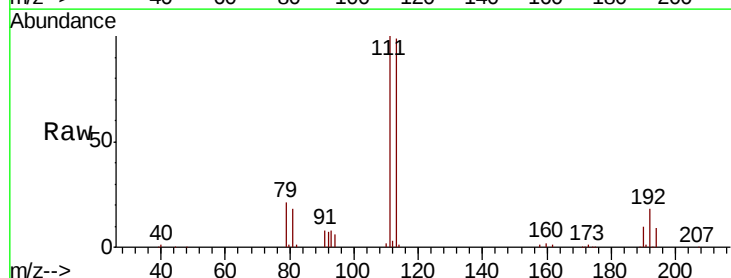
Tgt Ion:113 Resp: 87861

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 18.4 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

50000

40000

30000

20000

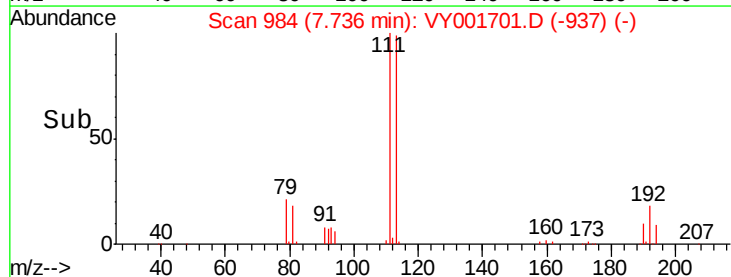
10000

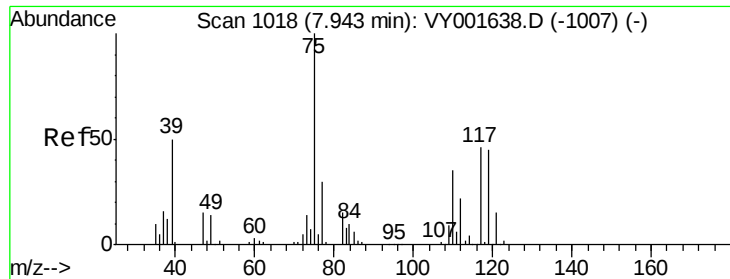
0

7.74

7.60 7.70 7.80 7.90

Time-->

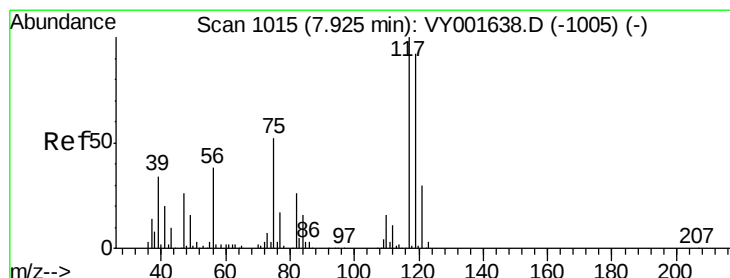
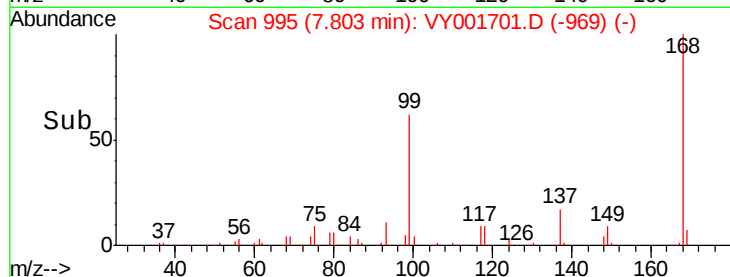
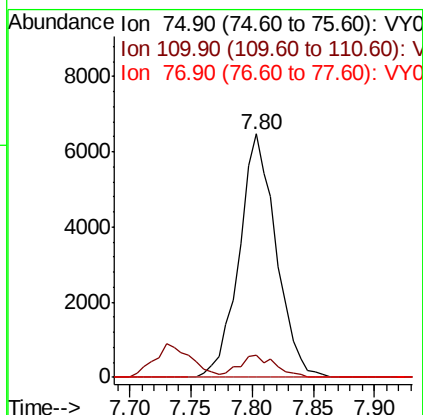
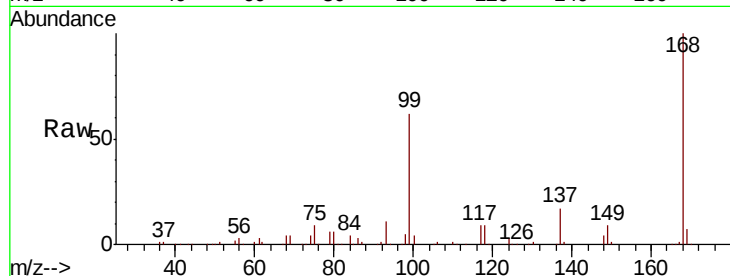




#36
 1,1-Dichloropropene
 Concen: 4.814 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001701.D
 Acq: 19 Feb 2020 16:08

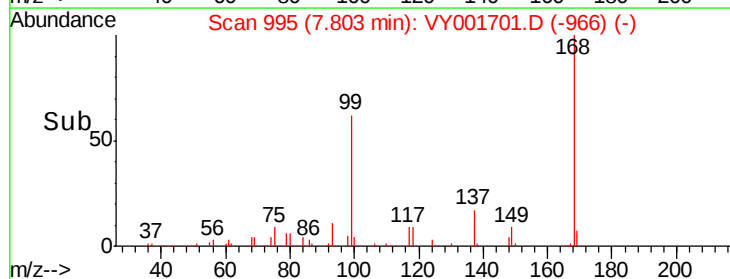
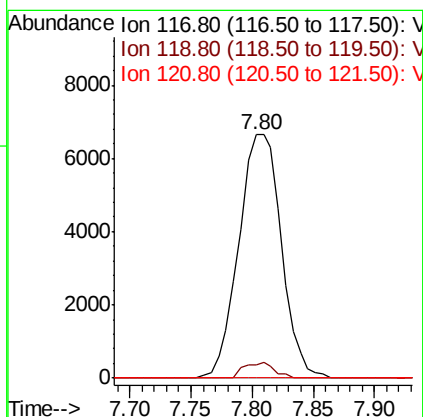
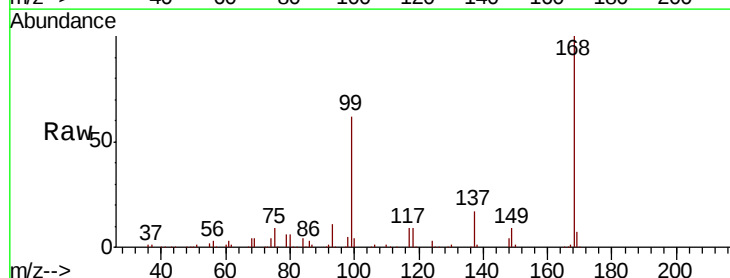
Instrument :
 MSVOA_Y
 ClientSampleId :

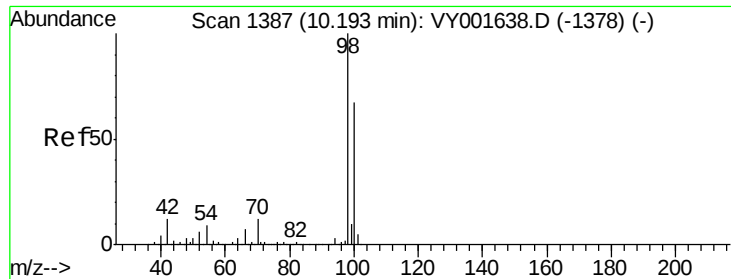
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.494 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001701.D
 Acq: 19 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.8	112.2#
121	0.0	23.8	35.6#

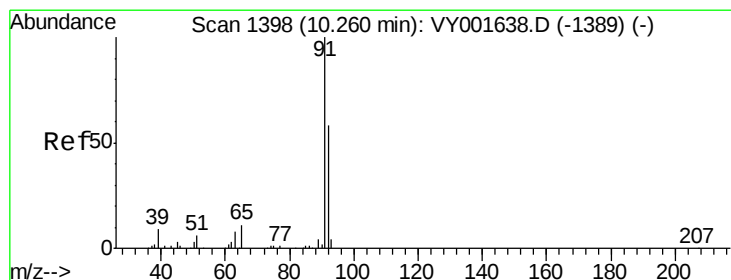
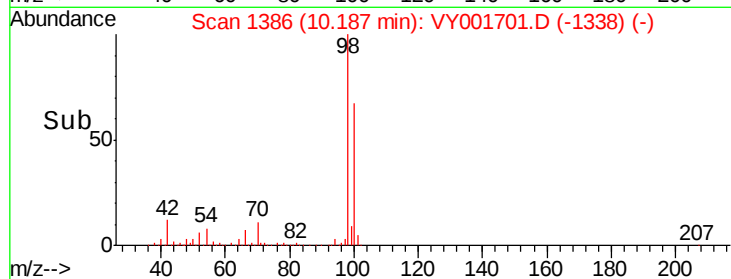
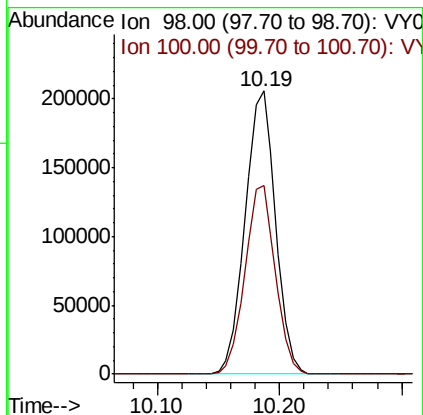
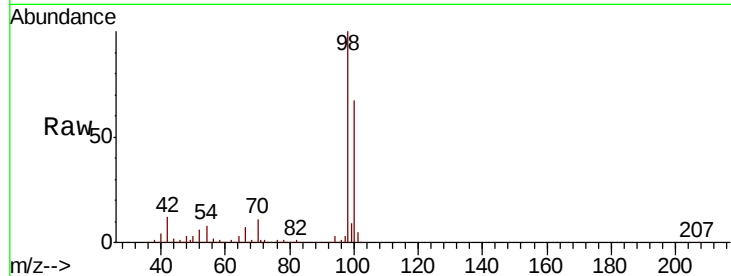




#50
Toluene-d8
Concen: 53.679 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

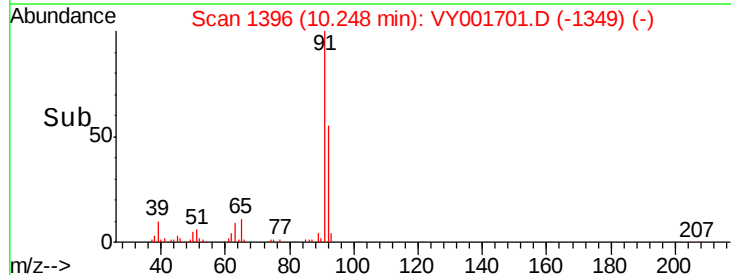
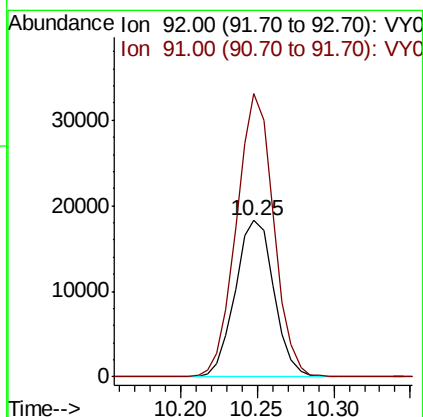
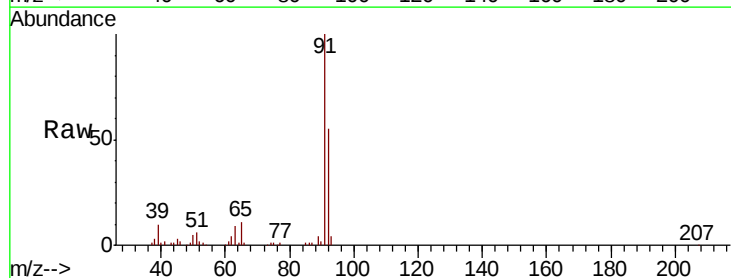
Instrument :
MSVOA_Y
ClientSampleId :

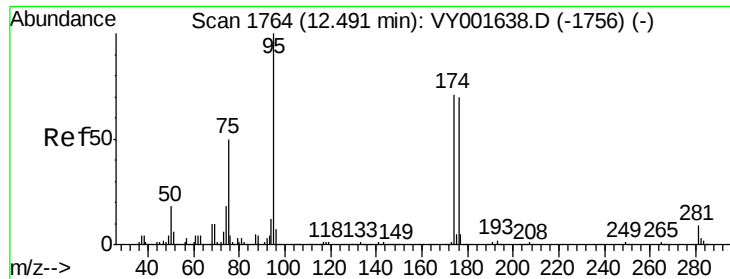
Tot Ion: 98 Resp: 355871
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#52
Toluene
Concen: 6.201 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

Tgt Ion: 92 Resp: 32103
Ion Ratio Lower Upper
92 100
91 174.0 137.0 205.6

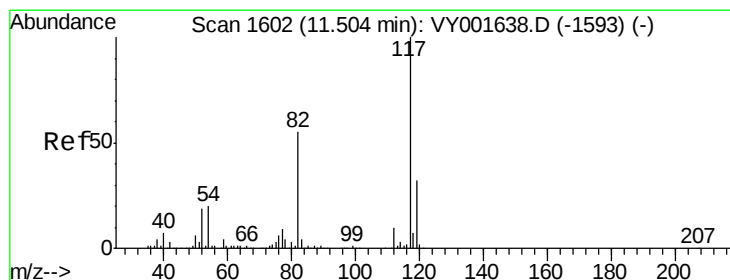
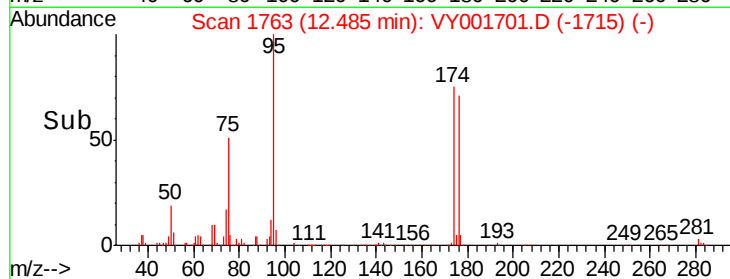
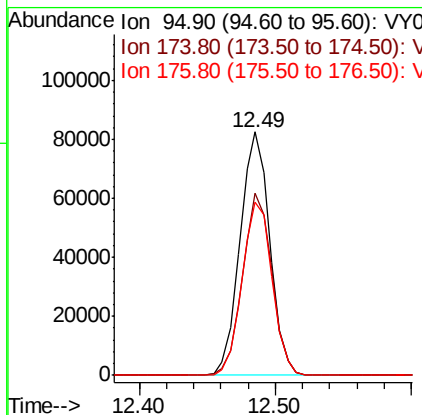
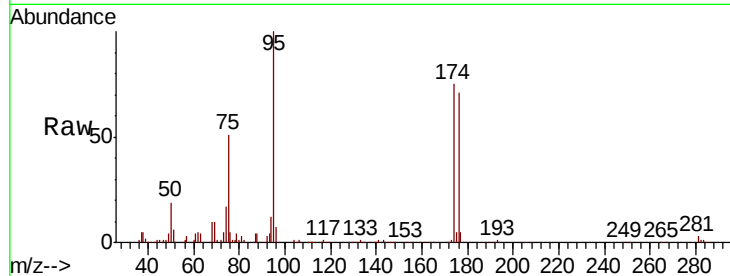




#62
4-Bromofluorobenzene
Concen: 48.809 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

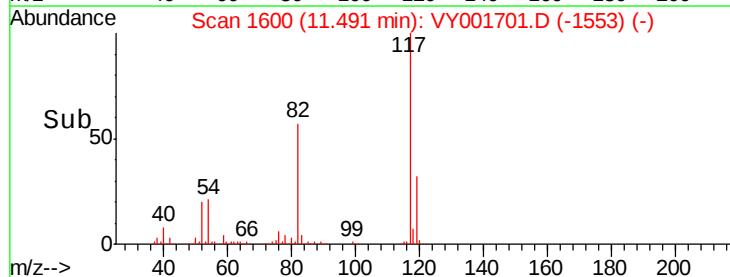
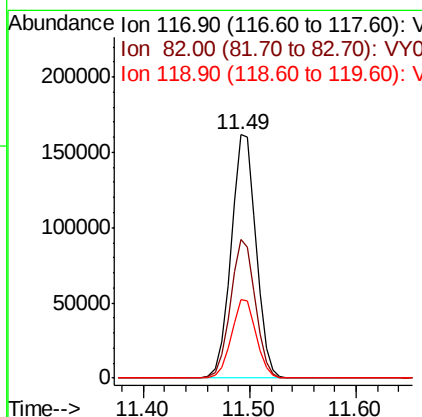
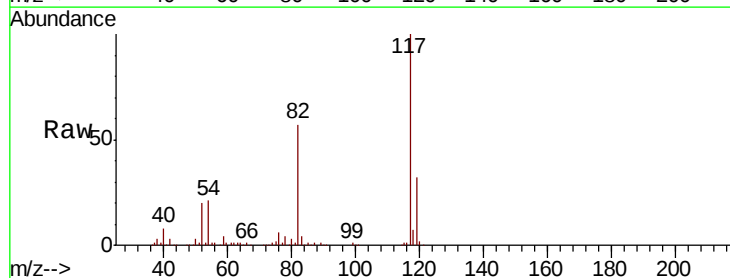
Instrument :
MSVOA_Y
ClientSampleId :

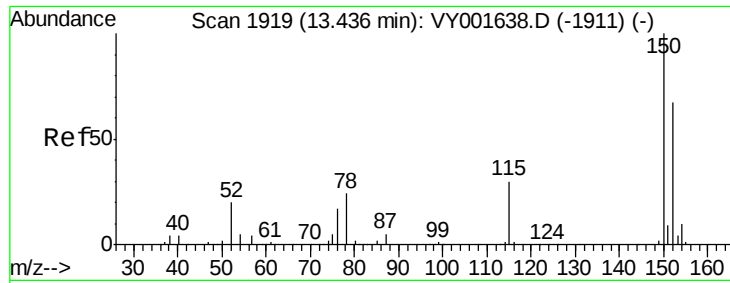
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	138.4
176	72.0	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001701.D
Acq: 19 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.5	68.3
119	32.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

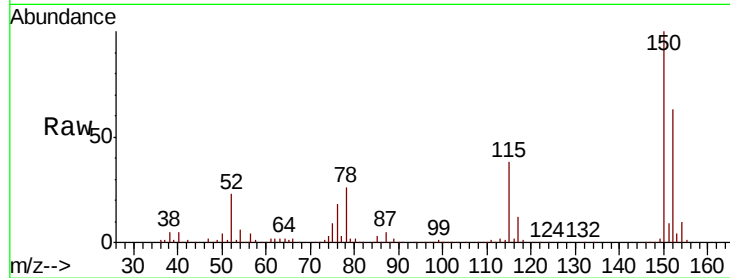
Tot Ion:152 Resp: 122321

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

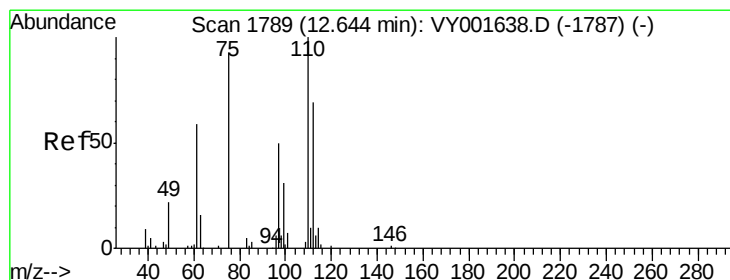
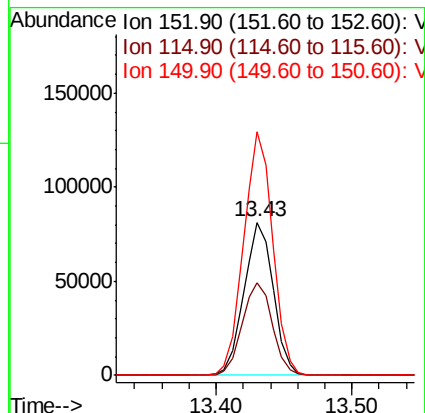
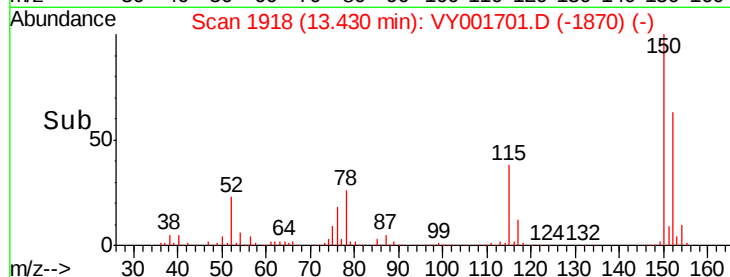
150 157.8 0.0 407.2



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: 45.662 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001701.D

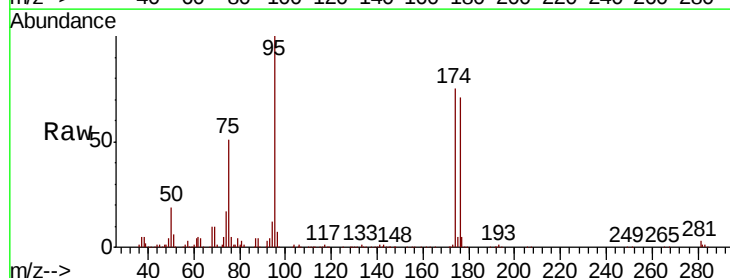
Acq: 19 Feb 2020 16:08

Tgt Ion: 75 Resp: 64072

Ion Ratio Lower Upper

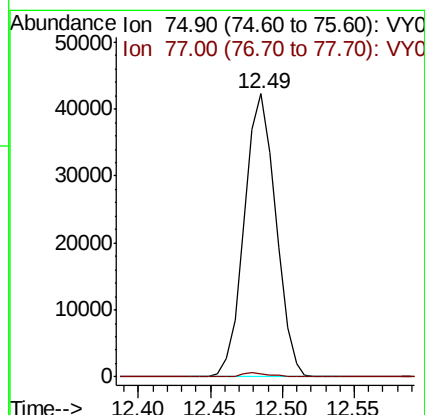
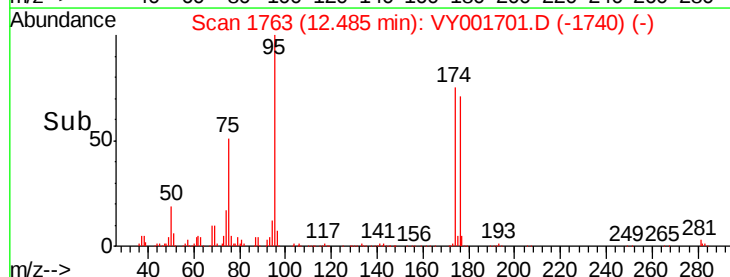
75 100

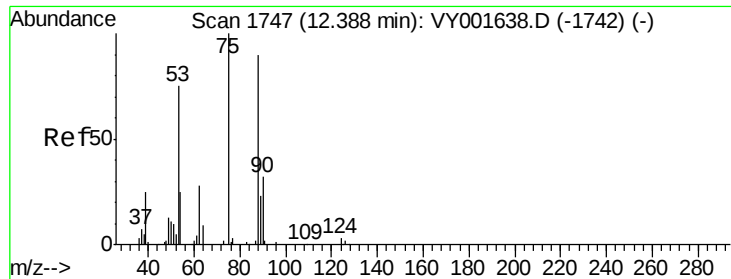
77 1.3 0.0 0.0#



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: 86.629 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001701.D

Acq: 19 Feb 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 64072

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.3 36.3 54.5#

