

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001752.D
 Acq On : 21 Feb 2020 18:47
 Operator : SY/MD
 Sample : L1650-02
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:44:46 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

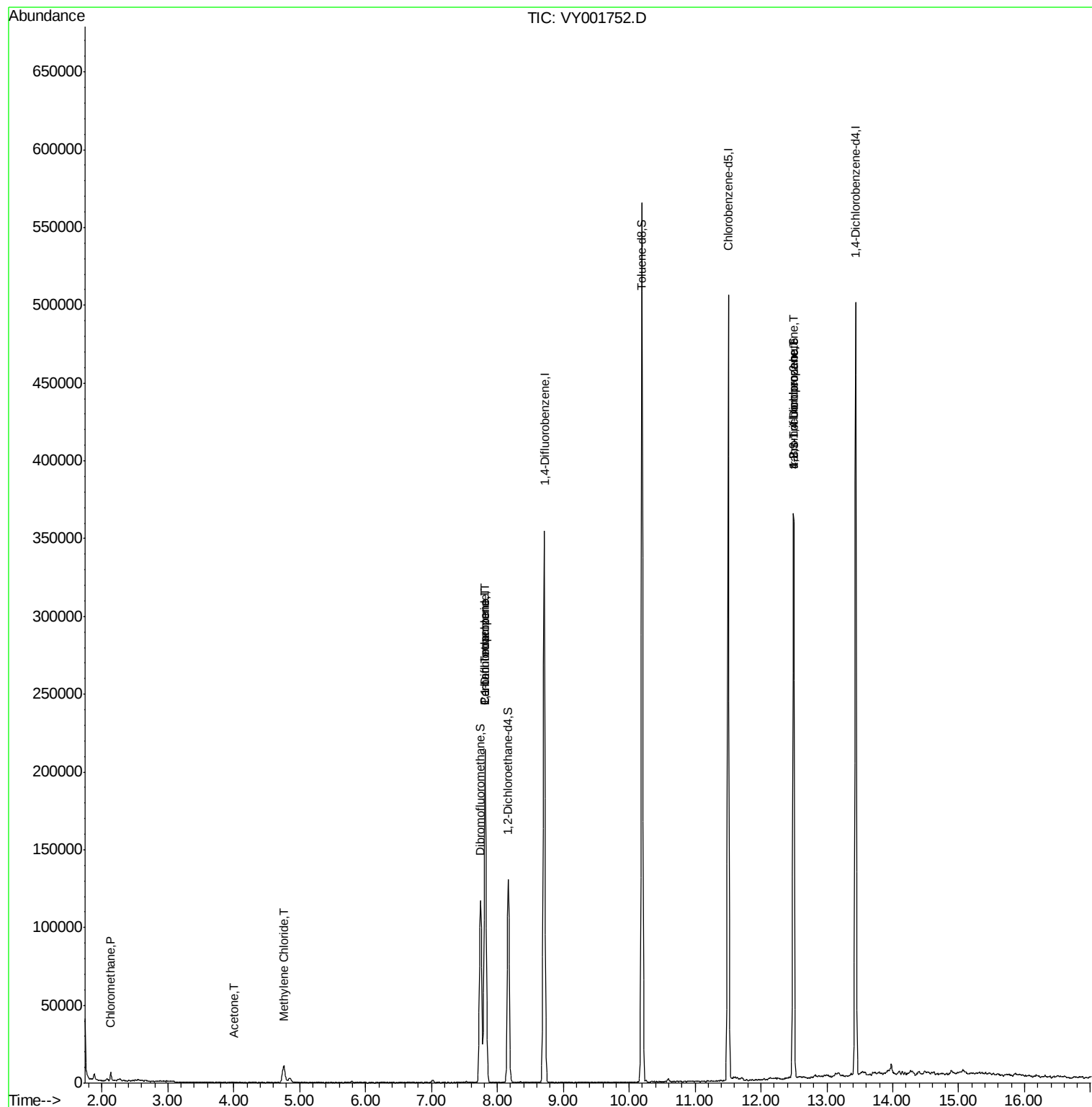
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96004	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	
35) Dibromofluoromethane	7.75	113	83871	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.19	98	360779	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.49	95	123256	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.13	50	4875	2.341	ug/l	94
16) Acetone	3.99	43	638	1.079	ug/l #	41
20) Methylene Chloride	4.76	84	7885	3.756	ug/l	90
36) 1,1-Dichloropropene	7.82	75	13620	4.771	ug/l #	50
38) Carbon Tetrachloride	7.81	117	16371	6.528	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	63141	45.706	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63141	86.712	ug/l #	17

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
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: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :

MSVOA_Y

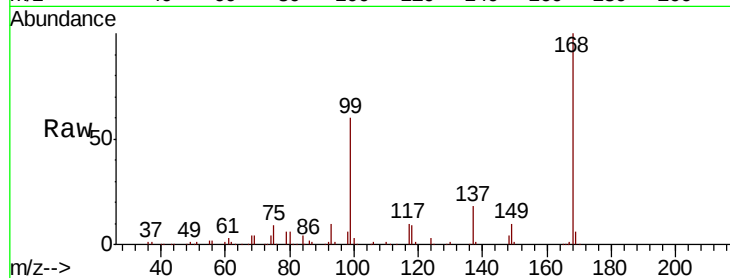
ClientSampled :

Tot Ion:168 Resp: 158803

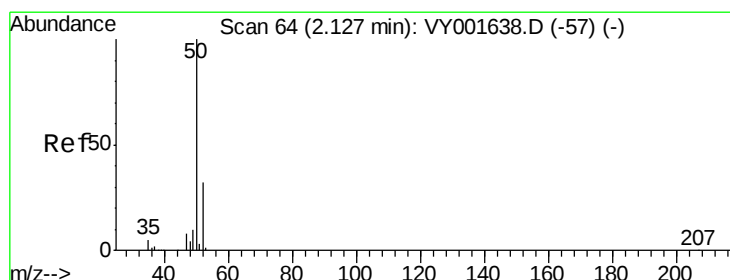
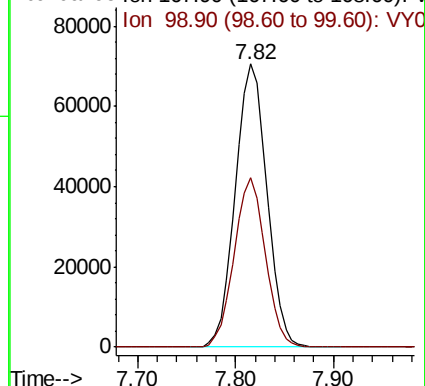
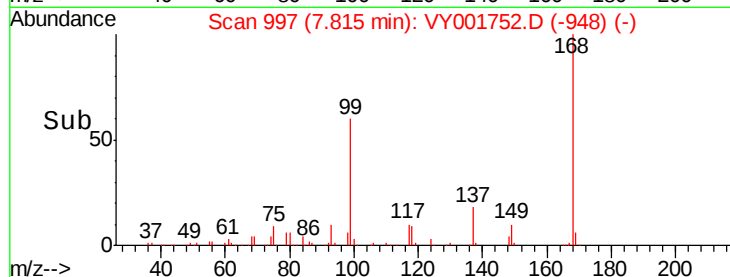
Ion Ratio Lower Upper

168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001752.D (-948) (-)



#3

Chloromethane

Concen: 2.341 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001752.D

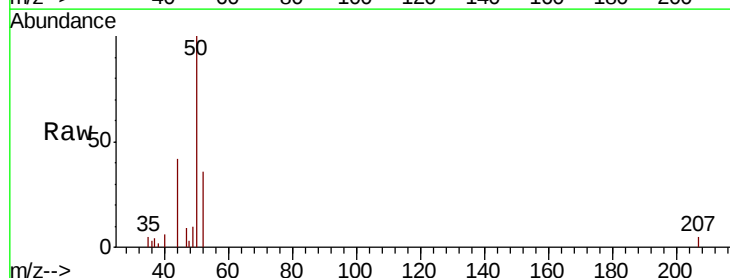
Acq: 21 Feb 2020 18:47

Tgt Ion: 50 Resp: 4875

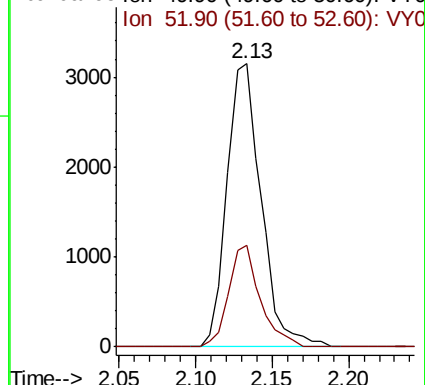
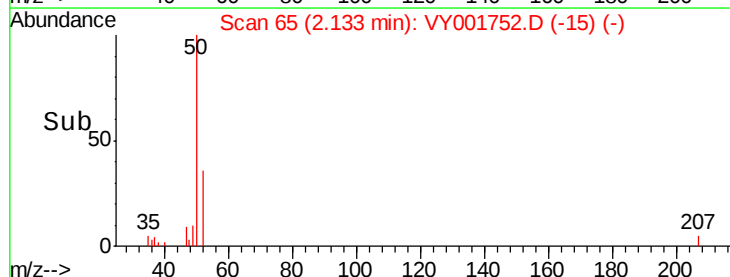
Ion Ratio Lower Upper

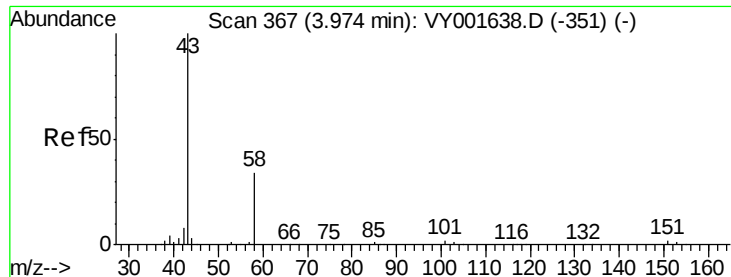
50 100

52 35.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001752.D (-15) (-)





#16

Acetone

Concen: 1.079 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :

MSVOA_Y

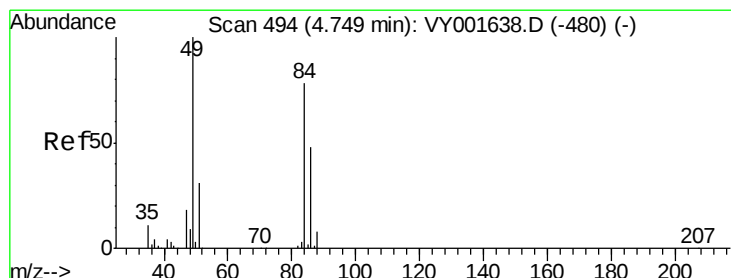
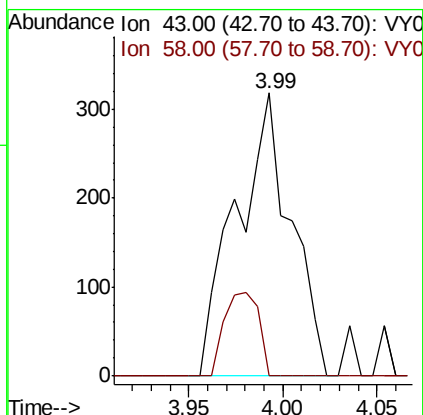
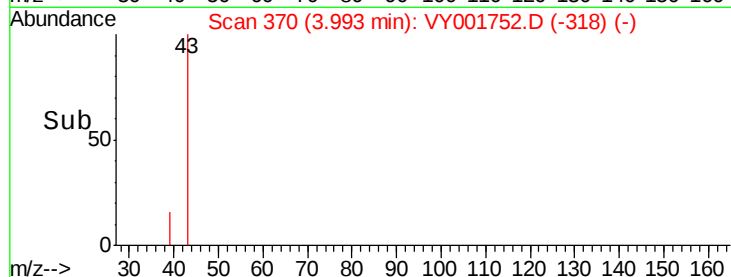
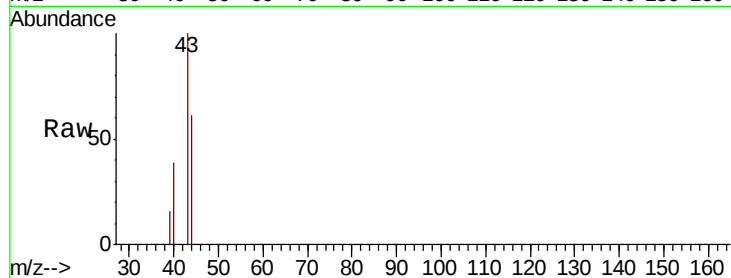
ClientSampleId :

Tot Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 0.0 27.3 40.9#



#20

Methylene Chloride

Concen: 3.756 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Tgt Ion: 84 Resp: 7885

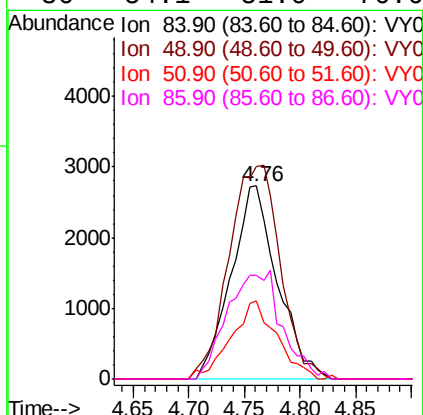
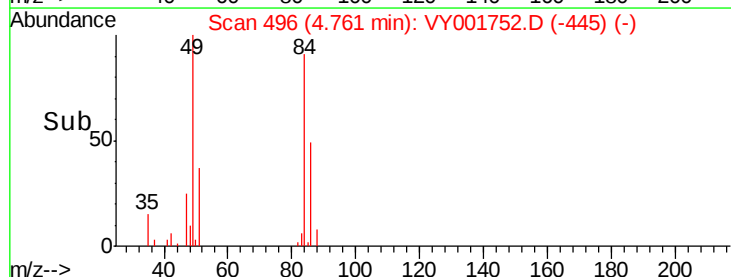
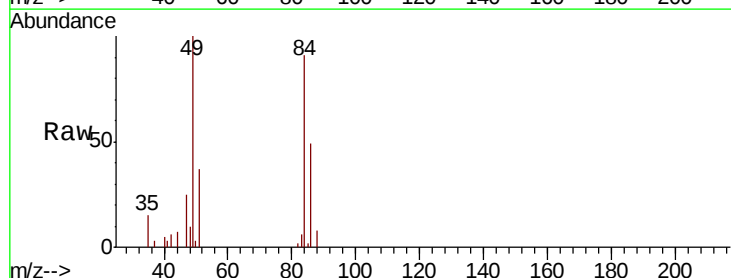
Ion Ratio Lower Upper

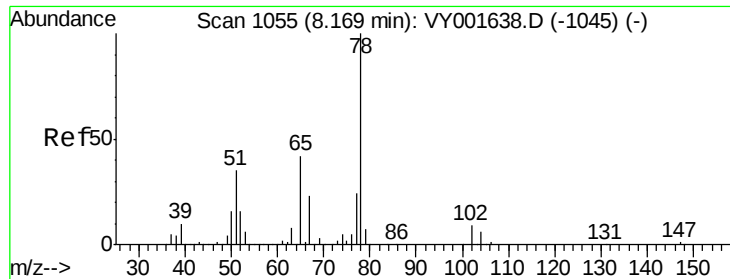
84 100

49 110.0 99.2 148.8

51 40.3 31.5 47.3

86 54.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.203 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

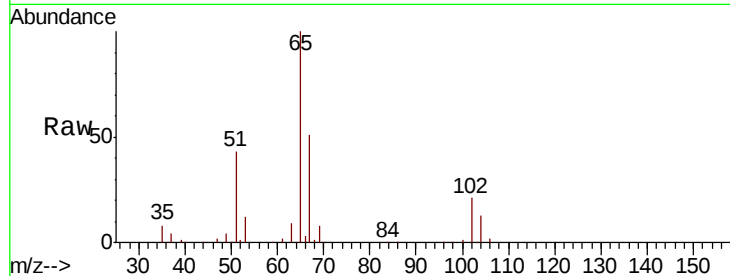
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 65 Resp: 96004

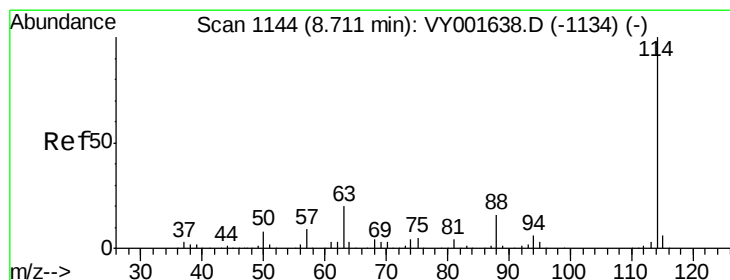
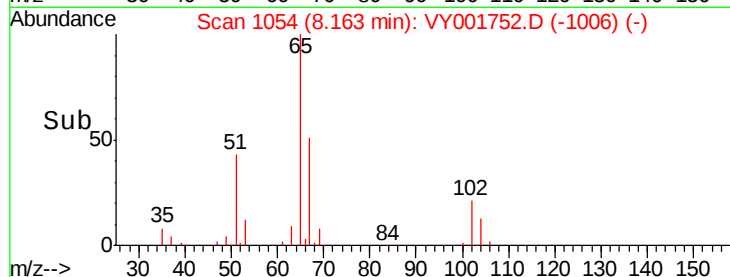
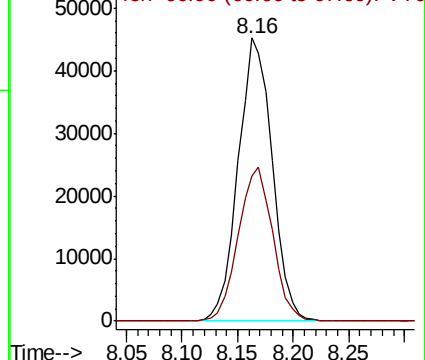
Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.0



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# 1144

Delta R.T. -0.00 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

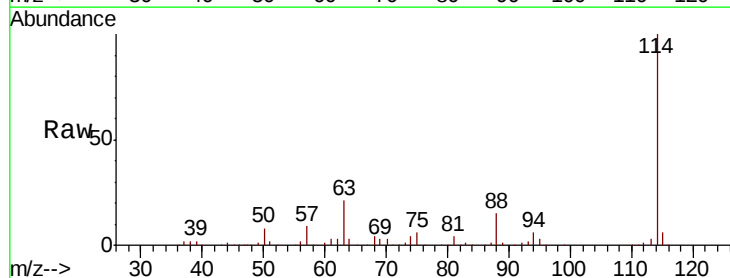
Tgt Ion: 114 Resp: 298889

Ion Ratio Lower Upper

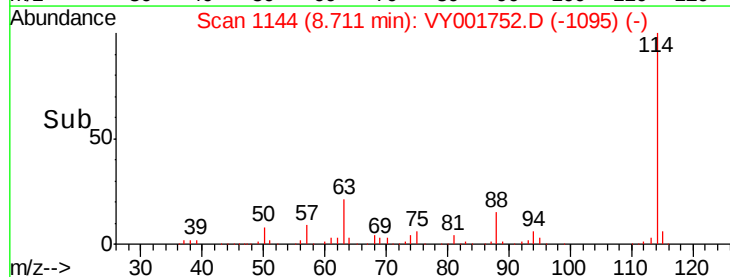
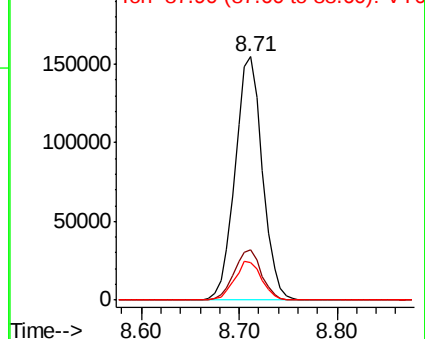
114 100

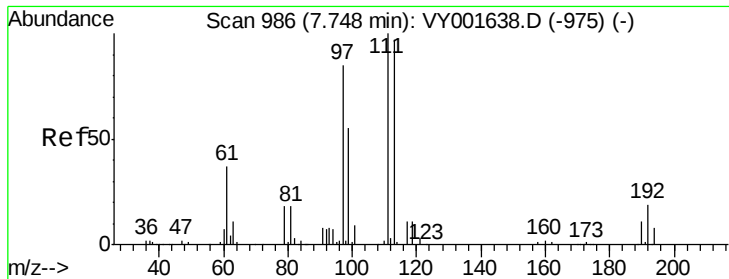
63 20.7 0.0 41.4

88 15.3 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





#35

Dibromofluoromethane

Concen: 48.993 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

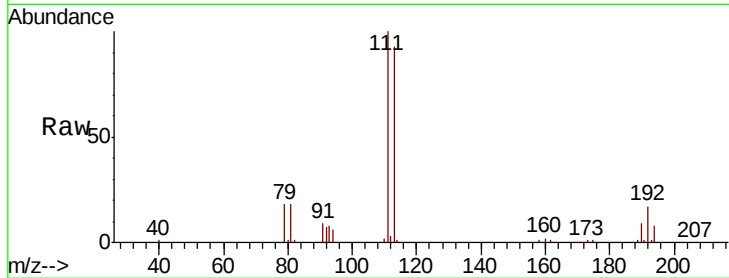
Tot Ion:113 Resp: 83871

Ion Ratio Lower Upper

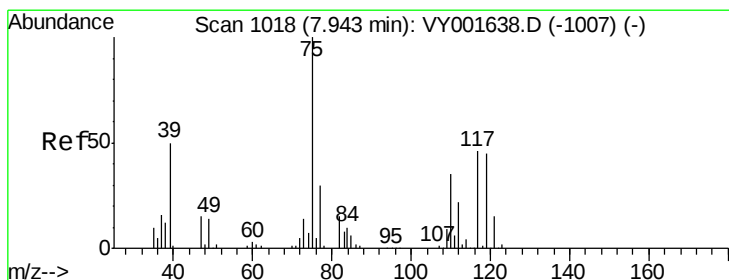
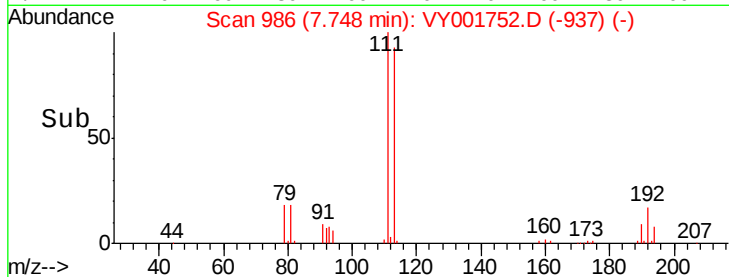
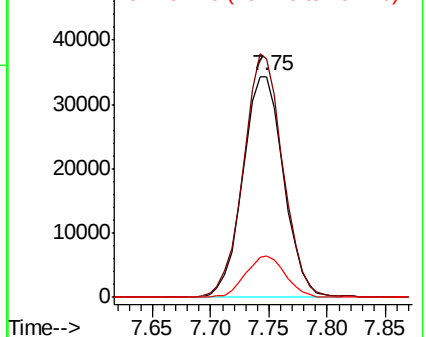
113 100

111 106.3 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



#36

1,1-Dichloropropene

Concen: 4.771 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

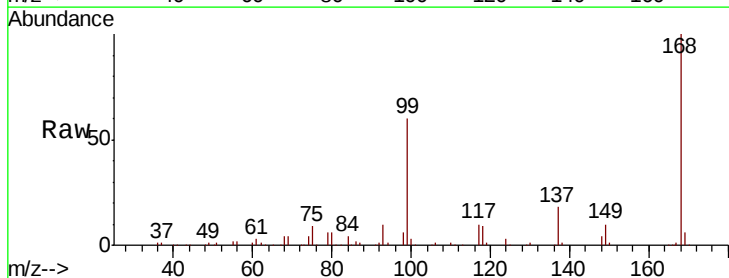
Tgt Ion: 75 Resp: 13620

Ion Ratio Lower Upper

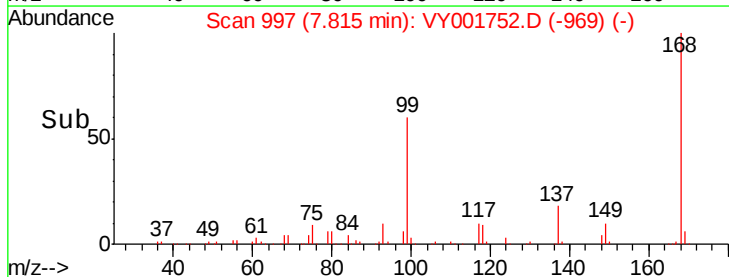
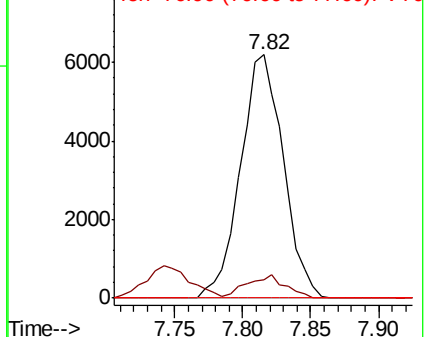
75 100

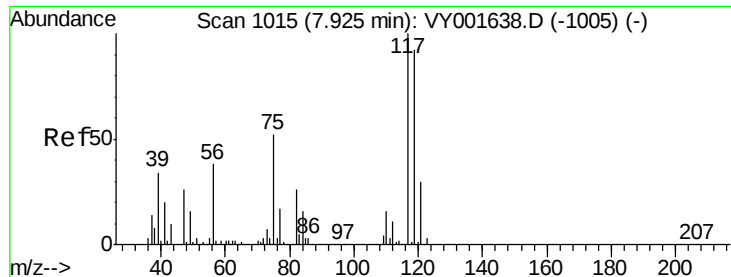
110 8.6 17.2 51.6#

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

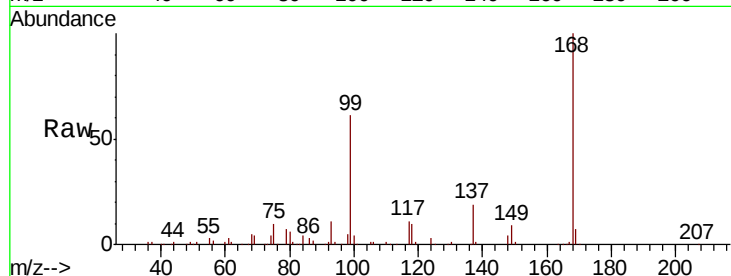




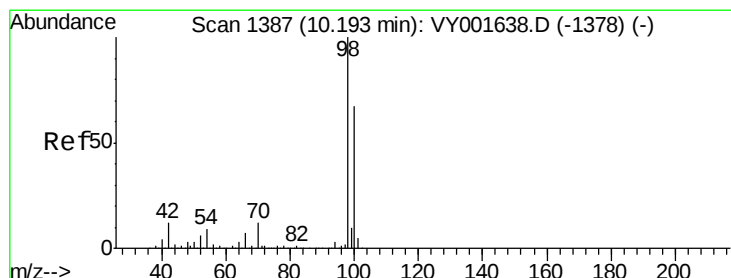
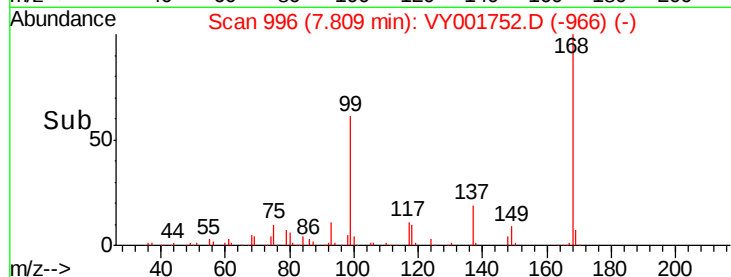
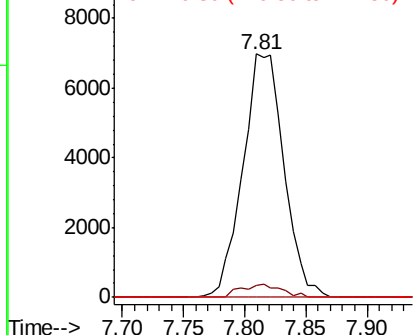
#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001752.D
Acq: 21 Feb 2020 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16371
Ion Ratio Lower Upper
117 100
119 5.1 74.8 112.2#
121 0.0 23.8 35.6#

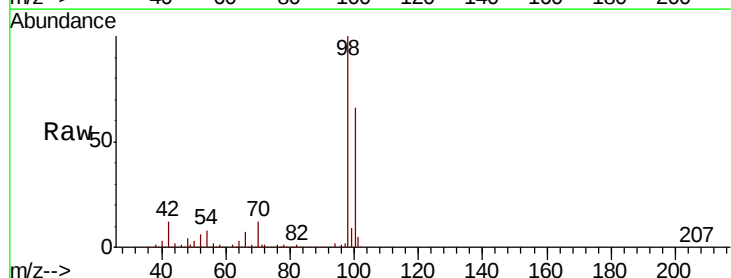


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

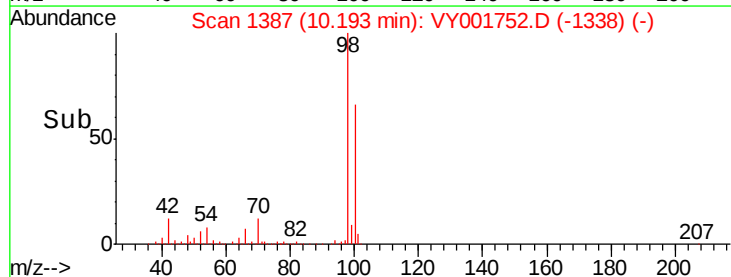
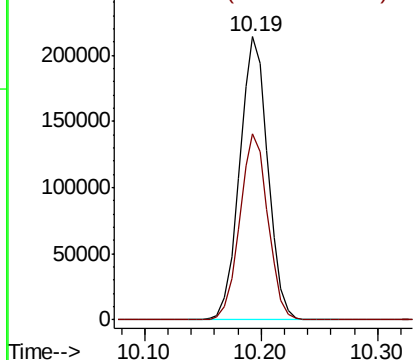


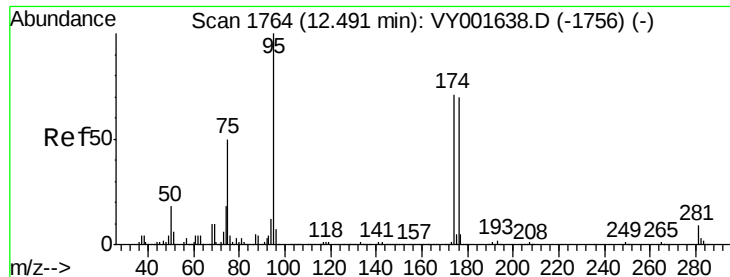
#50
Toluene-d8
Concen: 53.794 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001752.D
Acq: 21 Feb 2020 18:47

Tgt Ion: 98 Resp: 360779
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



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

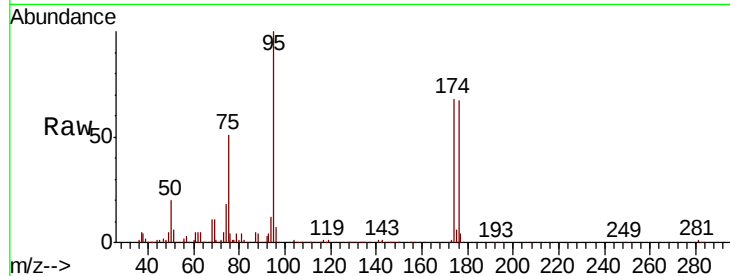




#62
4-Bromofluorobenzene
Concen: 47.306 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001752.D
Acq: 21 Feb 2020 18:47

Instrument :
MSVOA_Y
ClientSampled :

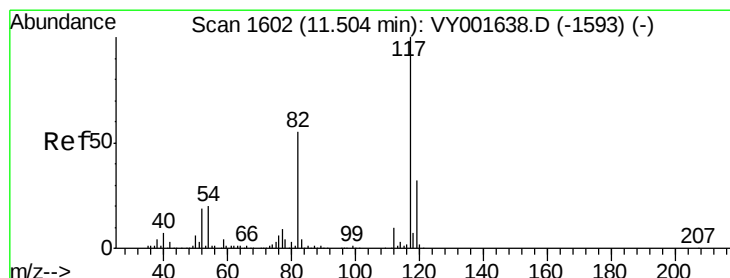
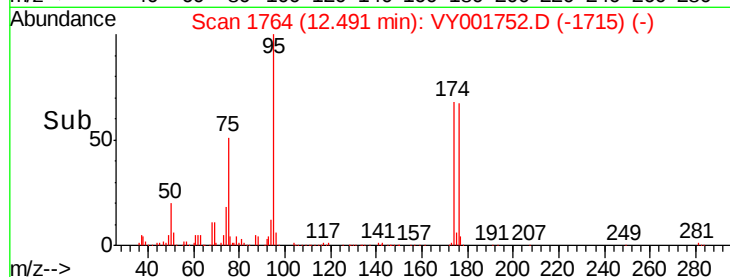
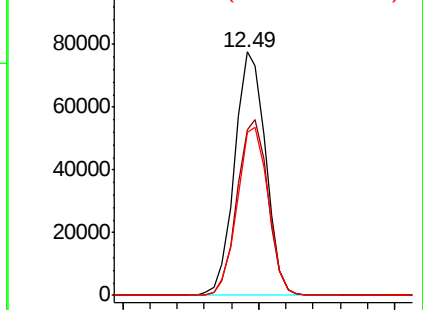
Tot Ion	95	Resp	123256
Ion Ratio	Lower	Upper	
95	100		
174	72.1	0.0	138.4
176	69.5	0.0	131.8



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

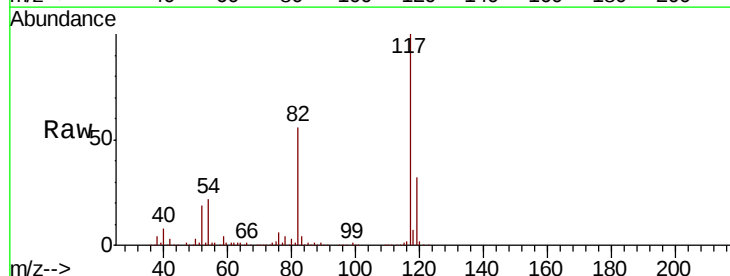
Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

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: VY001752.D
Acq: 21 Feb 2020 18:47

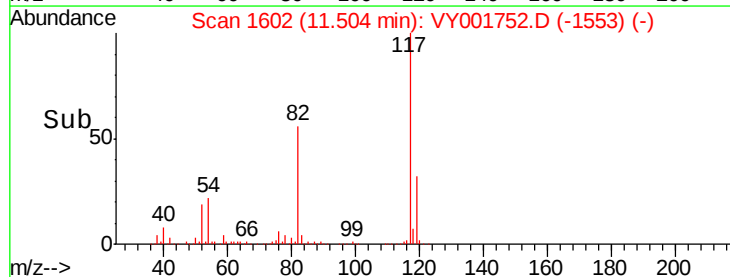
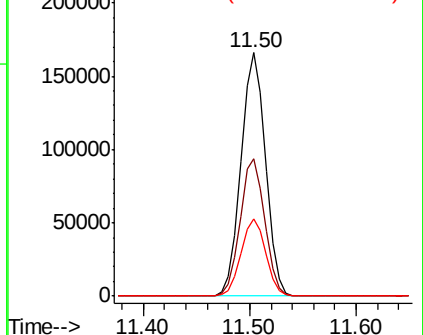
Tgt Ion	117	Resp	269079
Ion Ratio	Lower	Upper	
117	100		
82	56.5	45.5	68.3
119	31.8	25.8	38.6

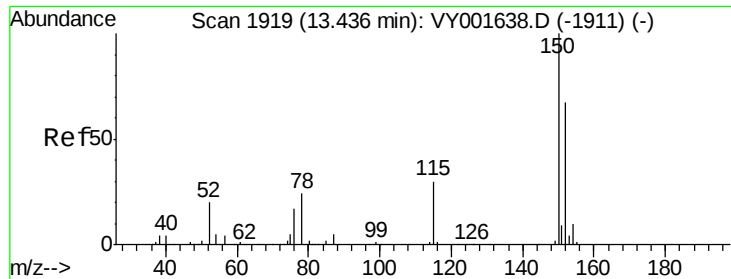


Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

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: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

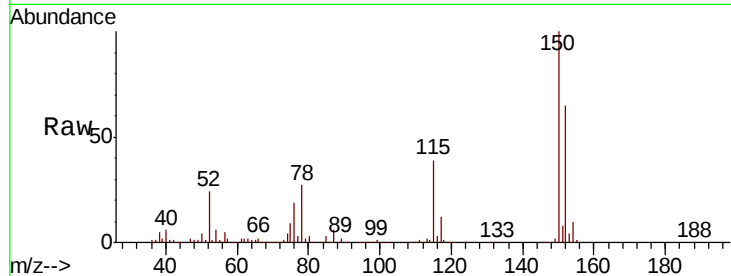
Tot Ion:152 Resp: 120428

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

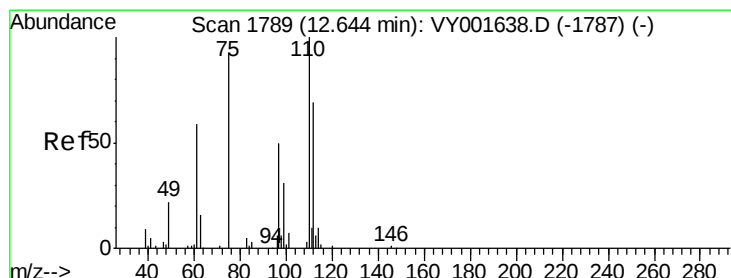
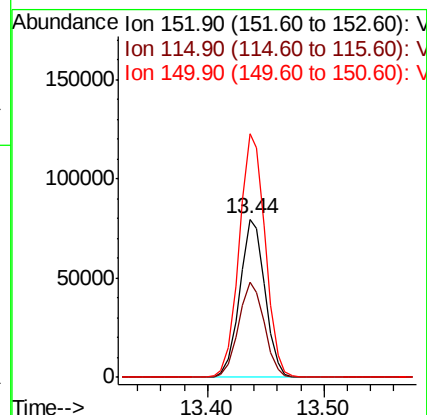
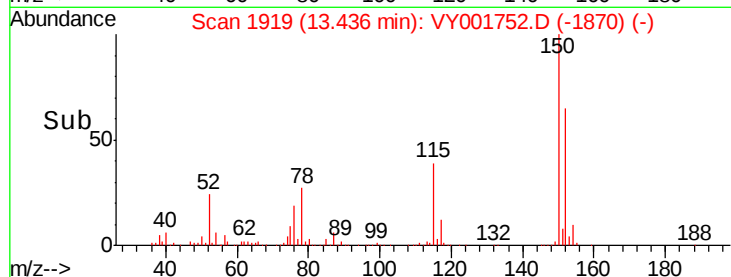
150 158.3 0.0 407.2



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: 45.706 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001752.D

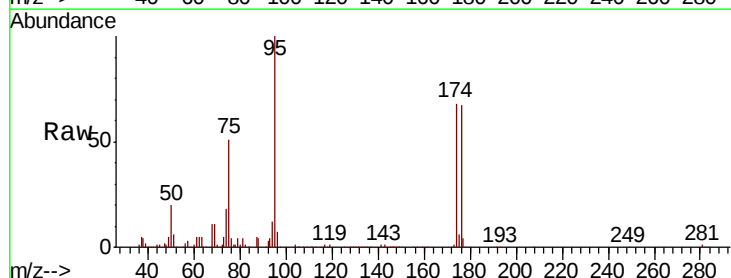
Acq: 21 Feb 2020 18:47

Tgt Ion: 75 Resp: 63141

Ion Ratio Lower Upper

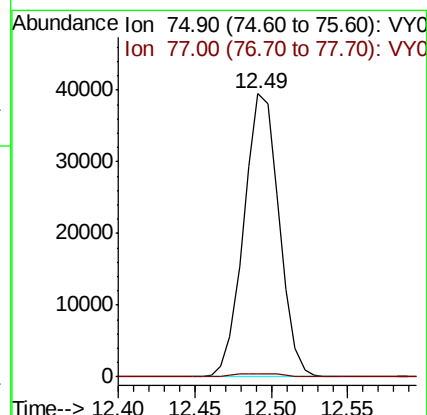
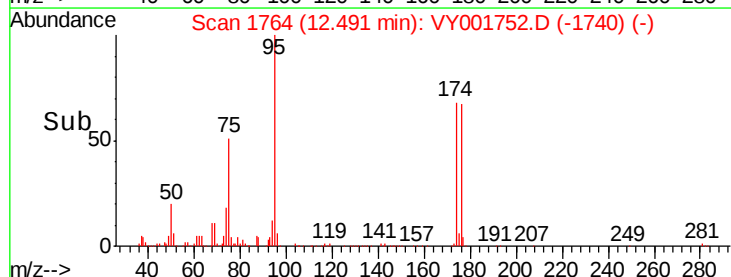
75 100

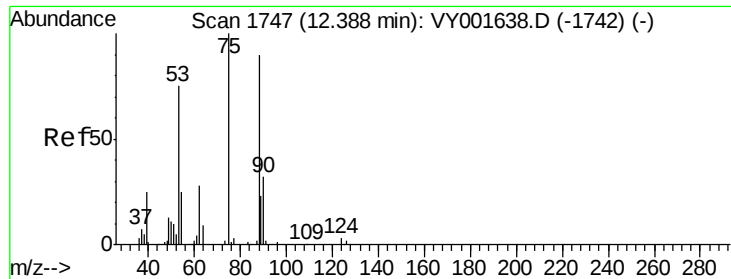
77 1.6 0.0 0.0#



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: 86.712 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 63141

Ion Ratio Lower Upper

75 100

53 0.2 64.5 96.7#

89 0.0 36.3 54.5#

