

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001884.D
 Acq On : 05 Mar 2020 16:05
 Operator : SY/MD
 Sample : L1813-02
 Misc : 7.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 04:38:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

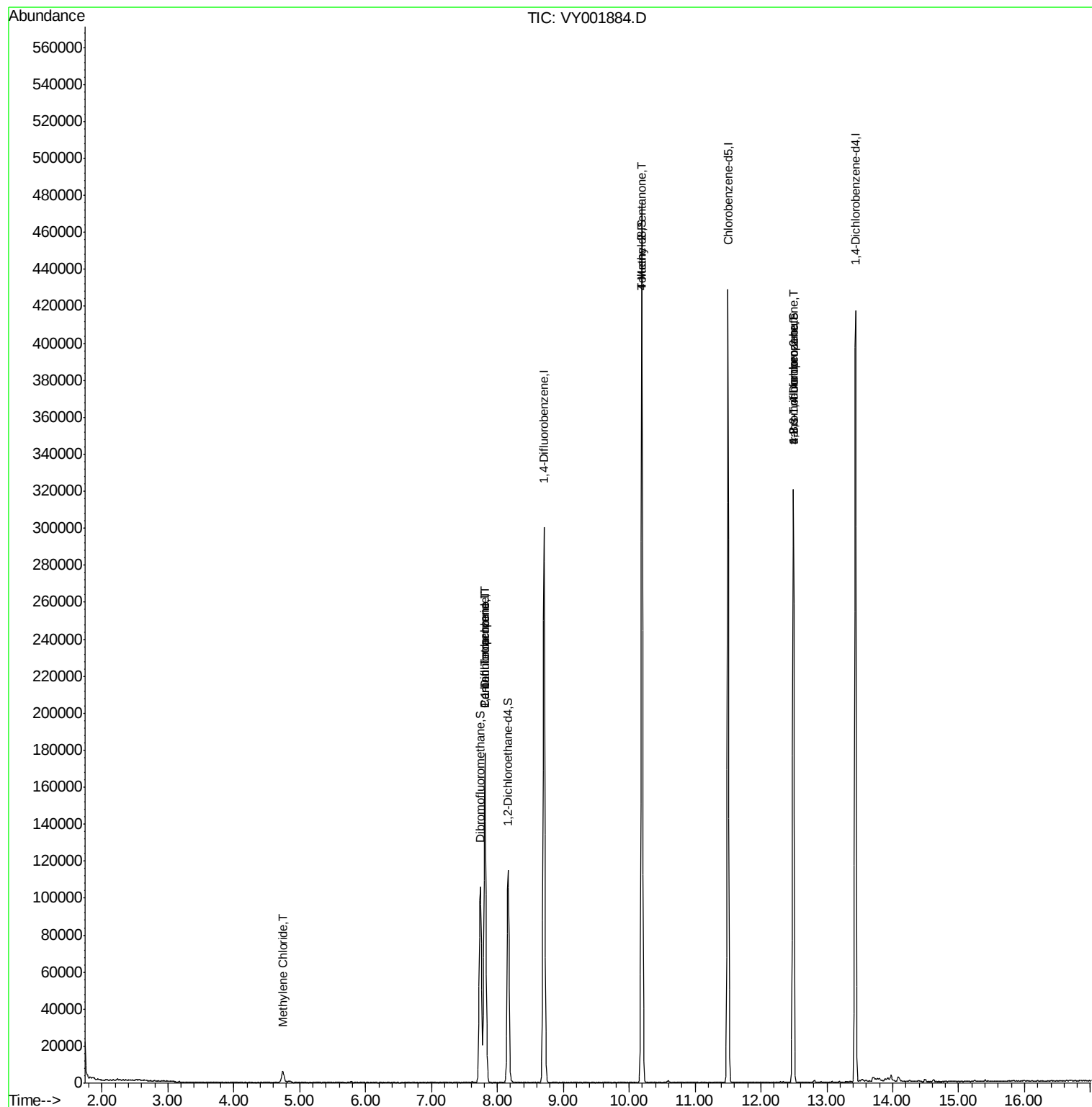
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	131355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	252797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	99679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84614	60.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.68%	
35) Dibromofluoromethane	7.74	113	74053	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
50) Toluene-d8	10.19	98	306313	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.49	95	104638	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.02	59	29	Below Cal	#	74
20) Methylene Chloride	4.74	84	4235	2.419	ug/l	90
36) 1,1-Dichloropropene	7.81	75	11243	4.622	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12879	6.197	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1451	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	53384	45.135	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53384	91.171	ug/l #	17

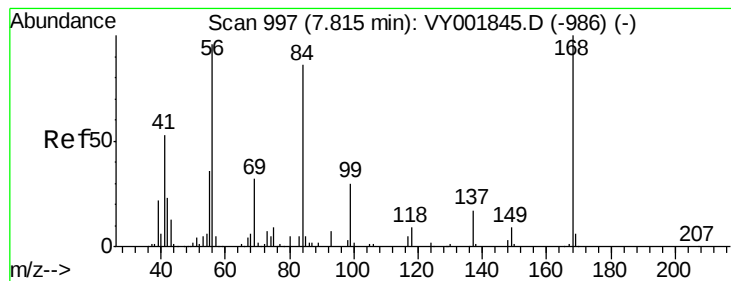
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 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: VY001884.D

Acq: 05 Mar 2020 16:05

Instrument :

MSVOA_Y

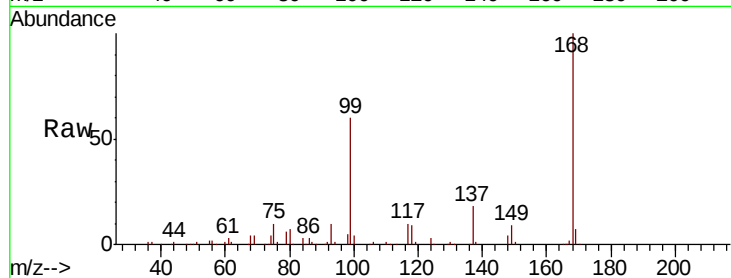
ClientSampleId :

Tot Ion:168 Resp: 131355

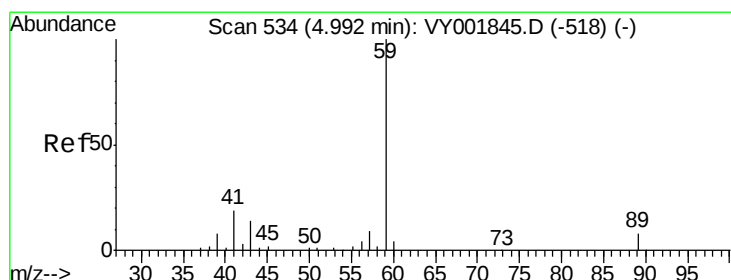
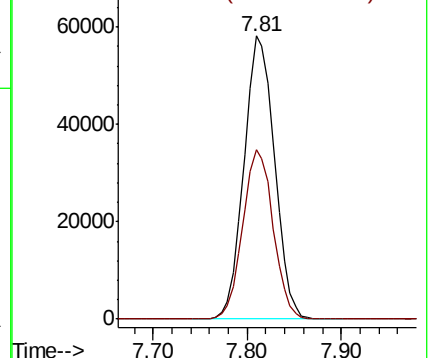
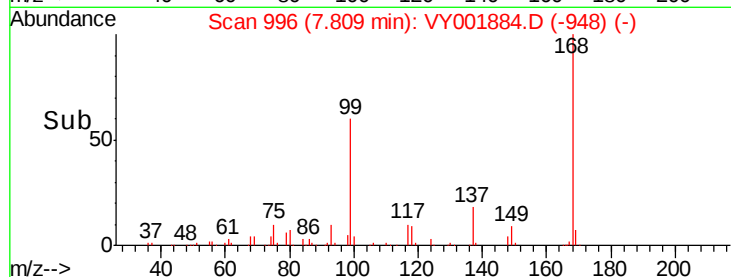
Ion Ratio Lower Upper

168 100

99 59.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001884.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.02 min Scan# 538

Delta R.T. 0.03 min

Lab File: VY001884.D

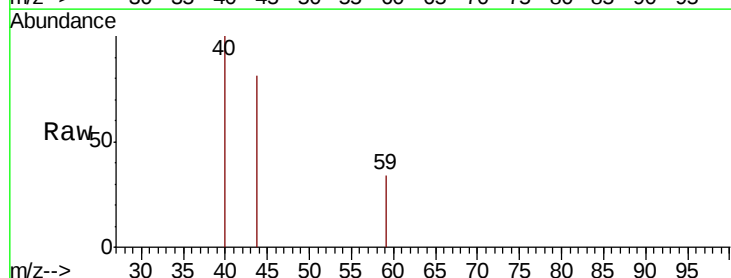
Acq: 05 Mar 2020 16:05

Tgt Ion: 59 Resp: 29

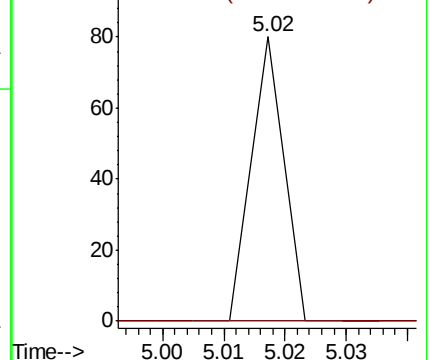
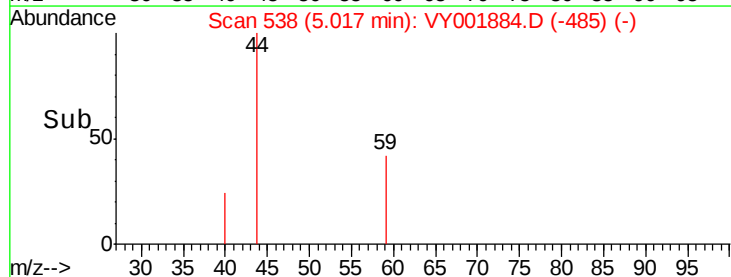
Ion Ratio Lower Upper

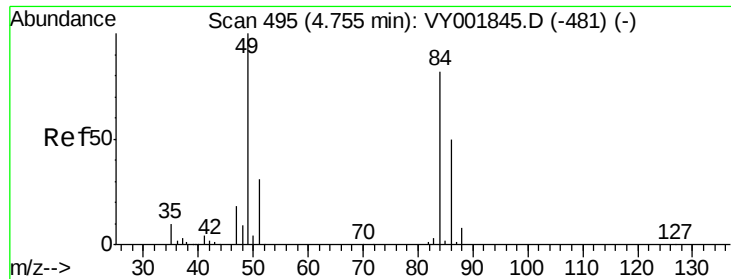
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001884.D (-485) (-)

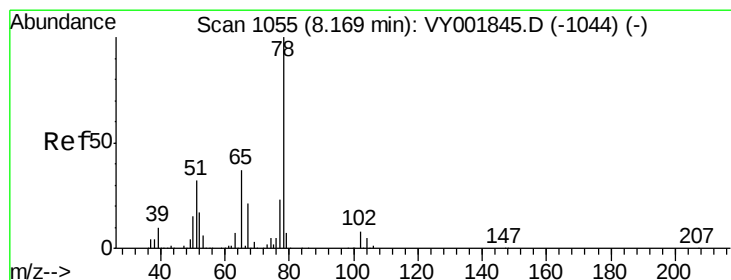
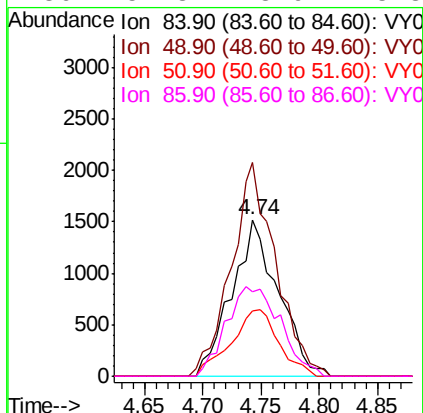
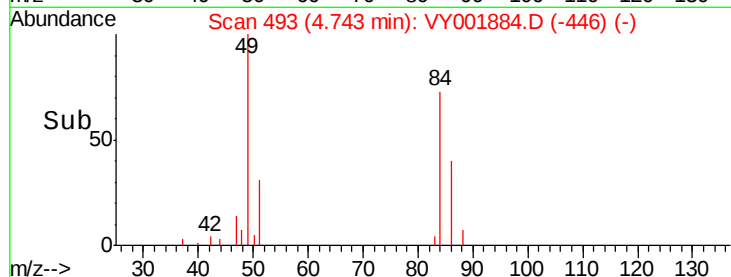
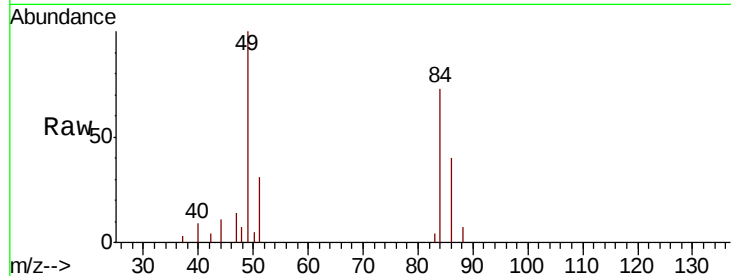




#20
Methylene Chloride
Concen: 2.419 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001884.D
Acq: 05 Mar 2020 16:05

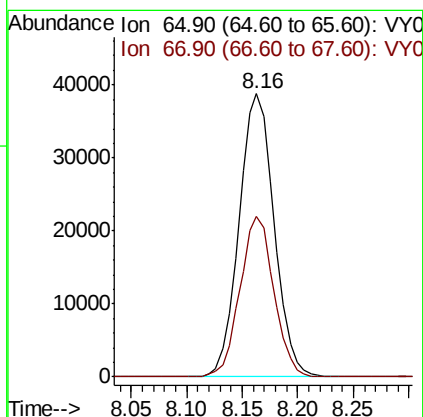
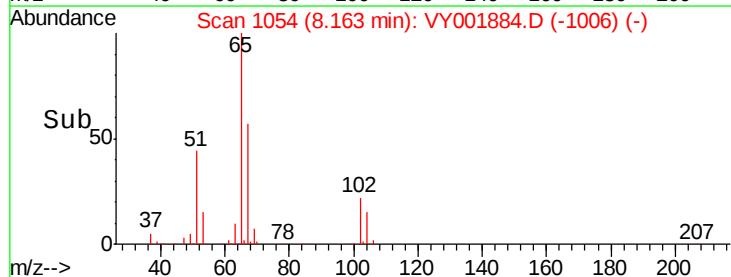
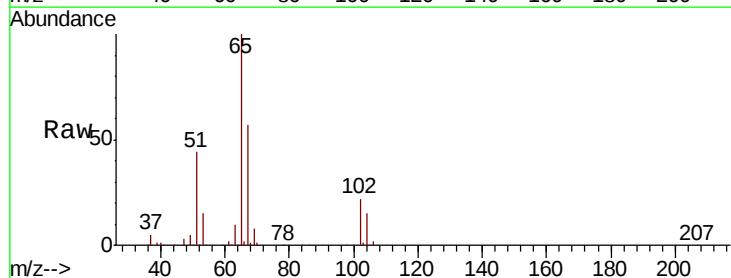
Instrument :
MSVOA_Y
ClientSampled :

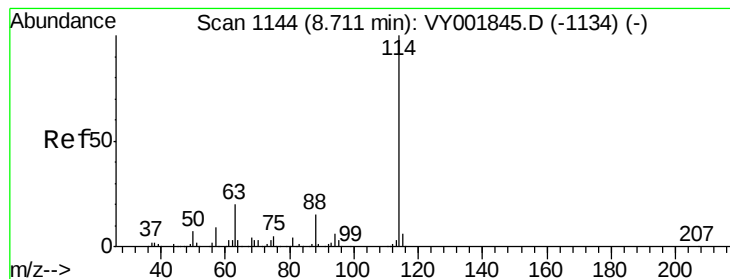
Tot Ion: 84 Resp: 4235
Ion Ratio Lower Upper
84 100
49 136.4 98.2 147.2
51 42.1 30.2 45.2
86 54.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 60.339 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001884.D
Acq: 05 Mar 2020 16:05

Tgt Ion: 65 Resp: 84614
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001884.D

Acq: 05 Mar 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

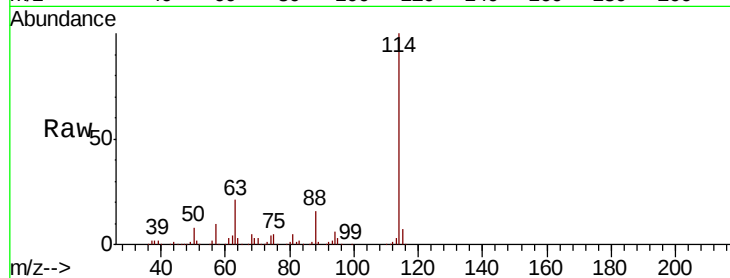
Tot Ion:114 Resp: 252797

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

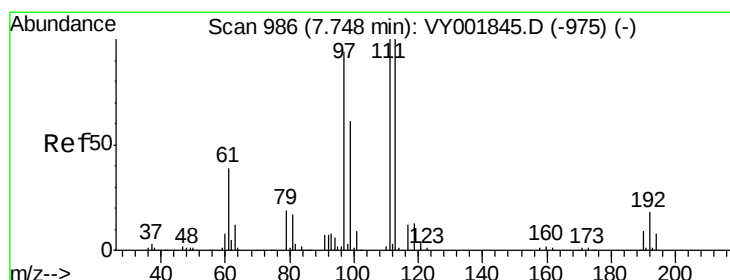
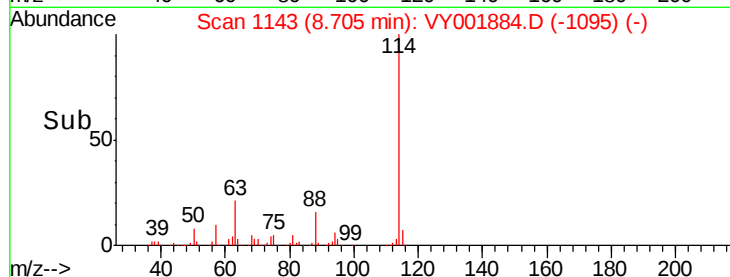
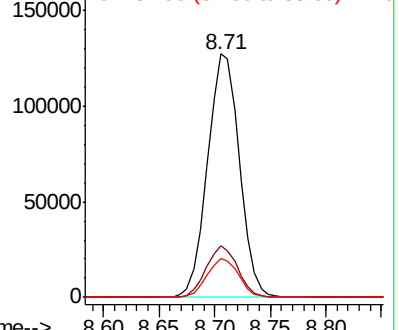
88 15.9 0.0 30.4



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: 53.647 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001884.D

Acq: 05 Mar 2020 16:05

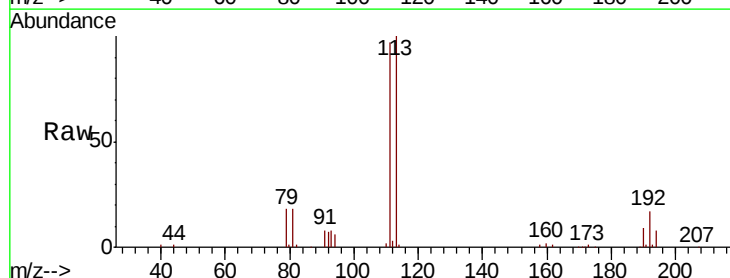
Tgt Ion:113 Resp: 74053

Ion Ratio Lower Upper

113 100

111 105.9 81.8 122.8

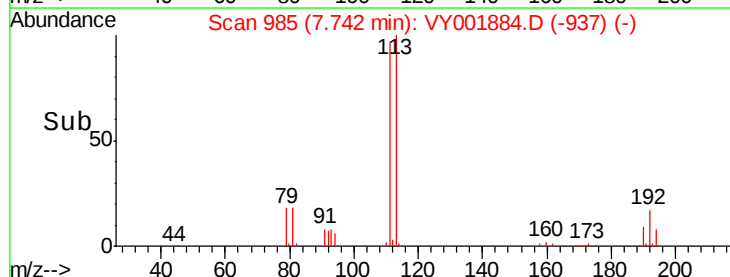
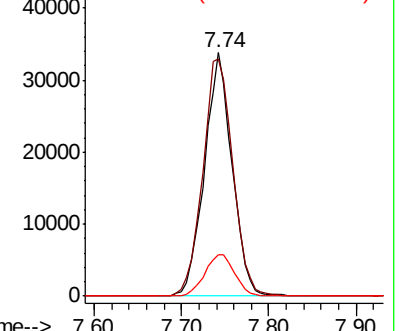
192 18.5 14.2 21.2

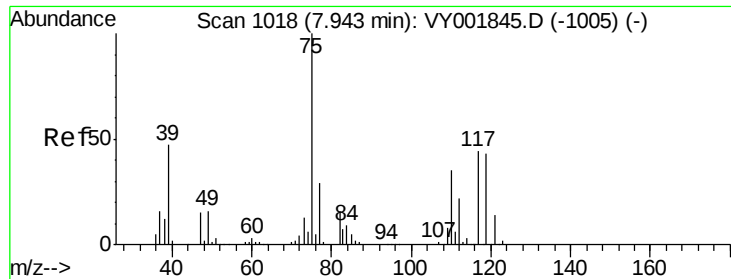


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

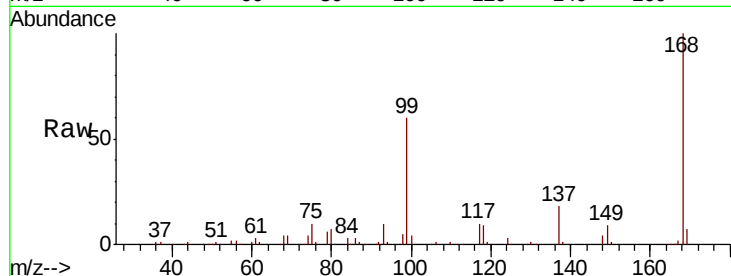




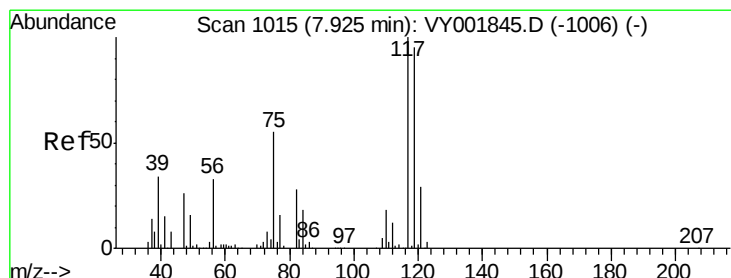
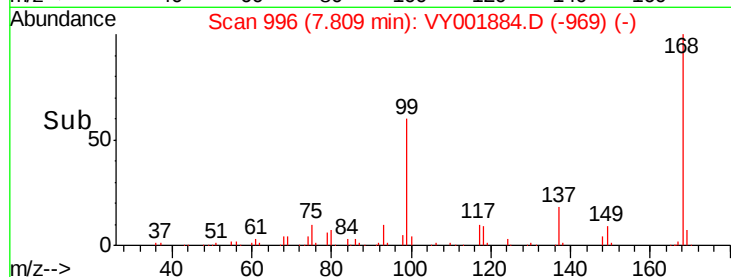
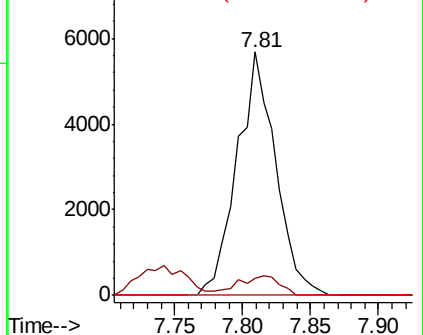
#36
 1,1-Dichloropropene
 Concen: 4.622 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001884.D
 Acq: 05 Mar 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.4	52.2#
77	0.0	24.2	36.2#

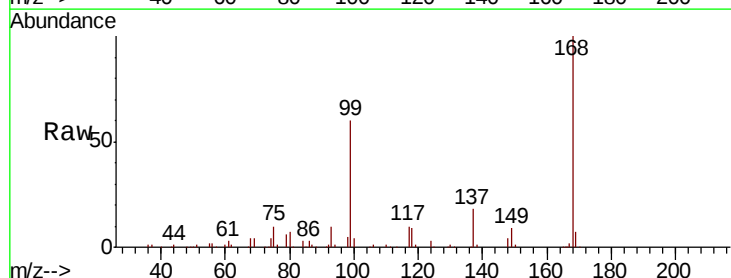


Abundance Ion 74.90 (74.60 to 75.60): VY001884.D (-969) (-)

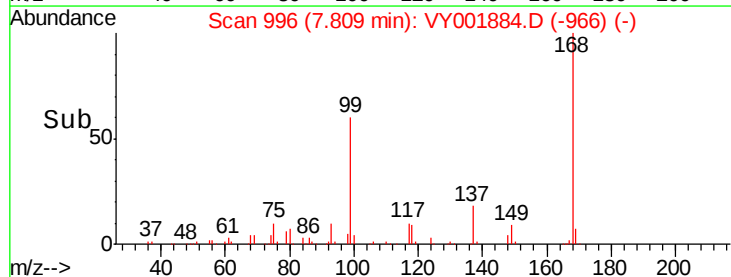
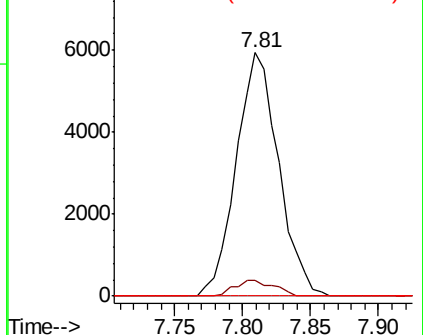


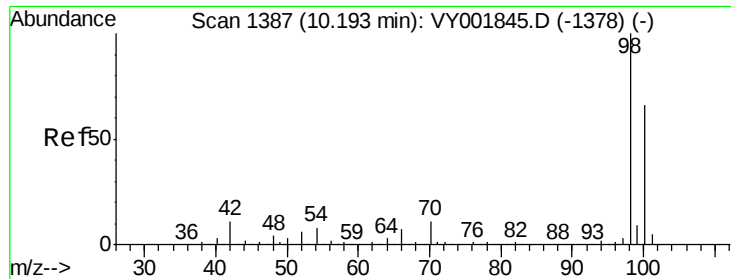
#38
 Carbon Tetrachloride
 Concen: 6.197 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001884.D
 Acq: 05 Mar 2020 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.3	114.5#
121	0.0	23.5	35.3#



Abundance Ion 116.80 (116.50 to 117.50): VY001884.D (-966) (-)





#50

Toluene-d8

Concen: 52.623 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001884.D

Acq: 05 Mar 2020 16:05

Instrument :

MSVOA_Y

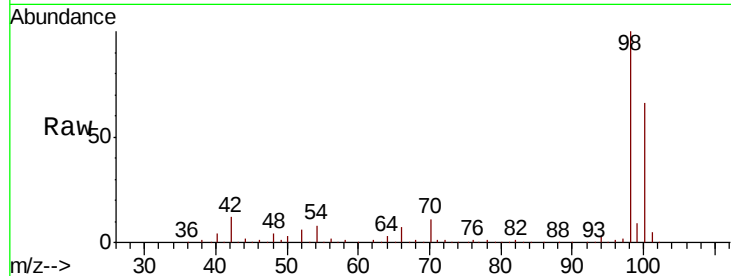
ClientSampleId :

Tot Ion: 98 Resp: 306313

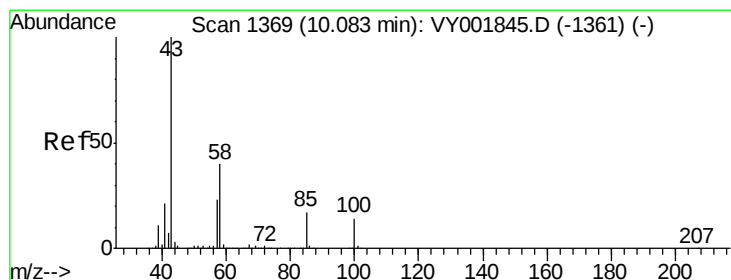
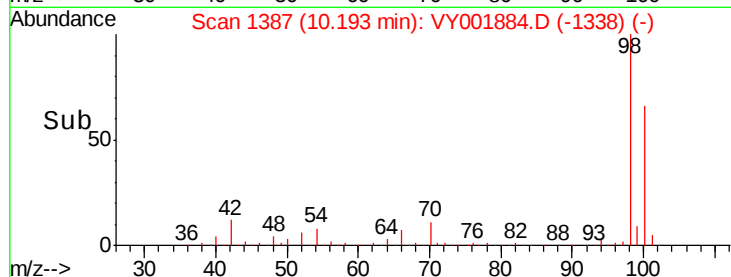
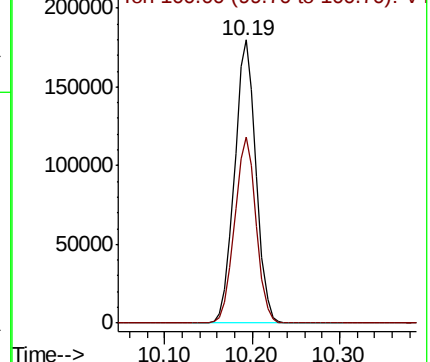
Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001884.D (-1378) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.052 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001884.D

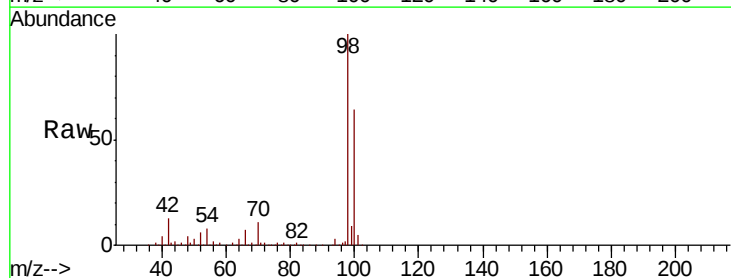
Acq: 05 Mar 2020 16:05

Tgt Ion: 43 Resp: 1451

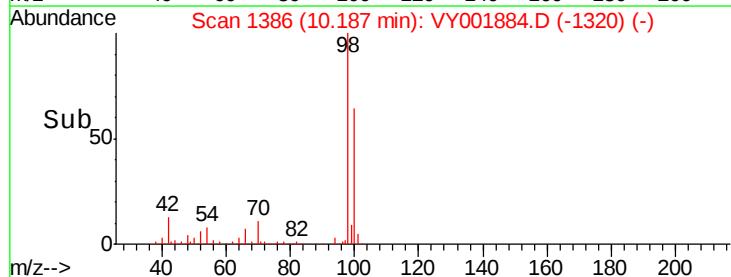
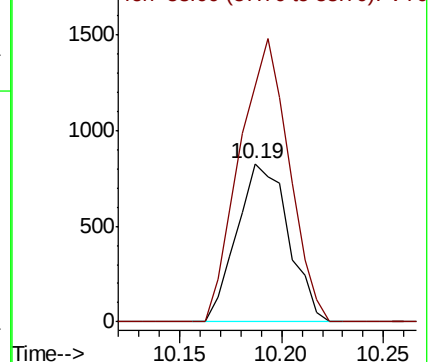
Ion Ratio Lower Upper

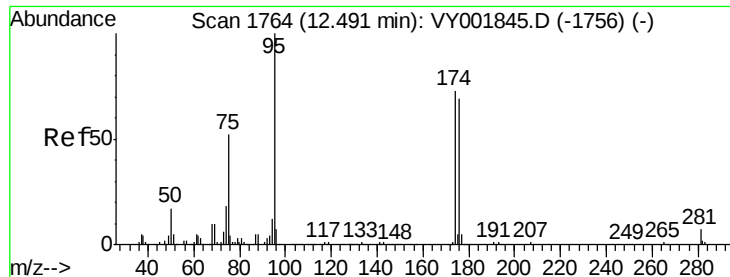
43 100

58 172.2 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY001884.D (-1320) (-)

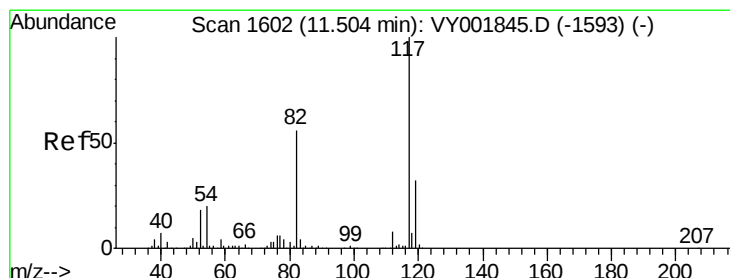
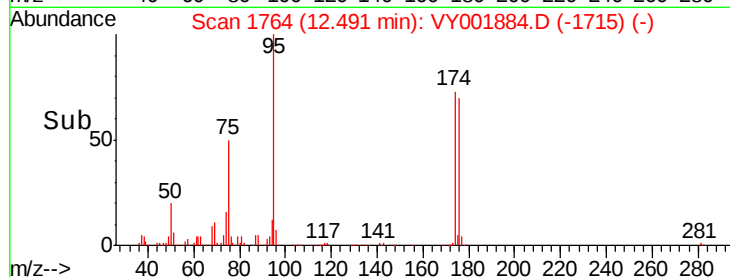
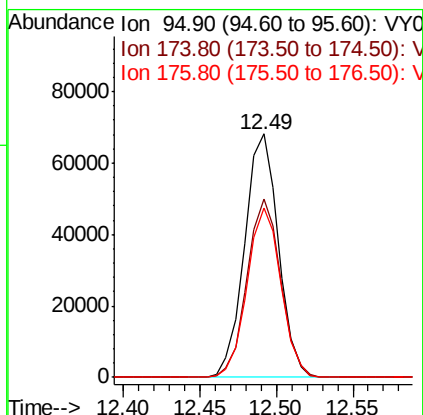
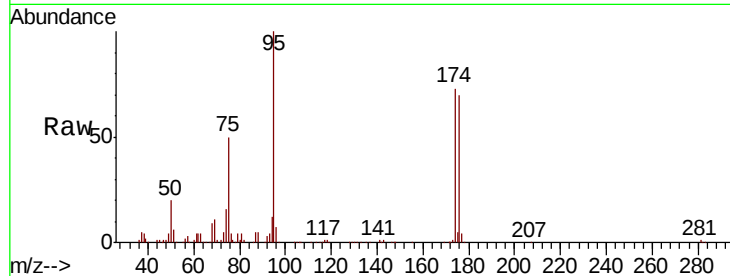




#62
4-Bromofluorobenzene
Concen: 51.699 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001884.D
Acq: 05 Mar 2020 16:05

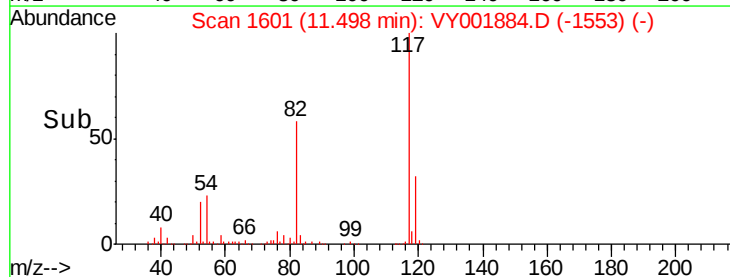
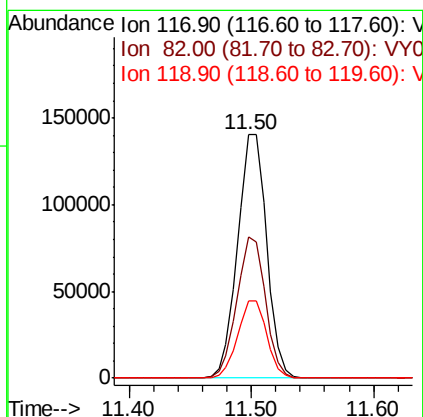
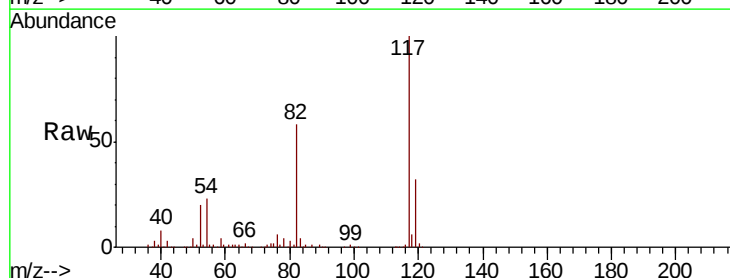
Instrument :
MSVOA_Y
ClientSampleId :

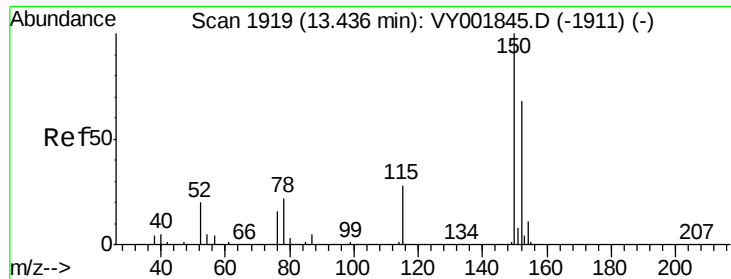
Tot Ion: 95 Resp: 104638
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 69.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001884.D
Acq: 05 Mar 2020 16:05

Tgt Ion: 117 Resp: 231213
Ion Ratio Lower Upper
117 100
82 58.0 44.5 66.7
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001884.D

Acq: 05 Mar 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

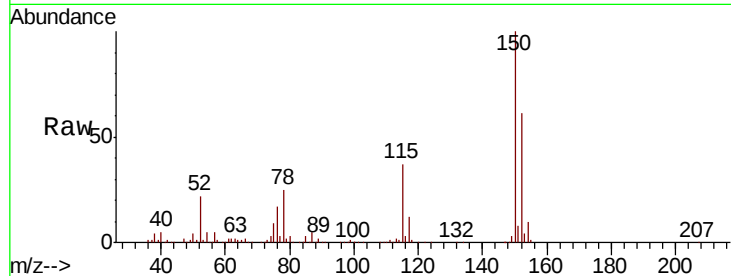
Tot Ion:152 Resp: 99679

Ion Ratio Lower Upper

152 100

115 62.0 29.9 89.7

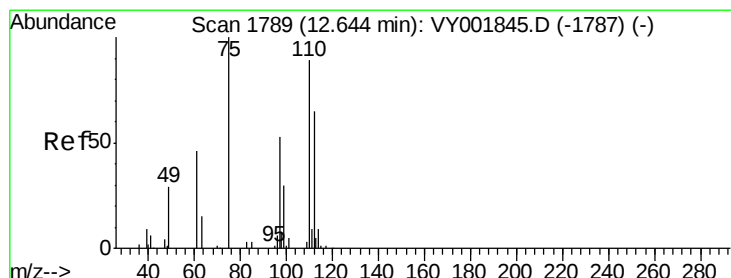
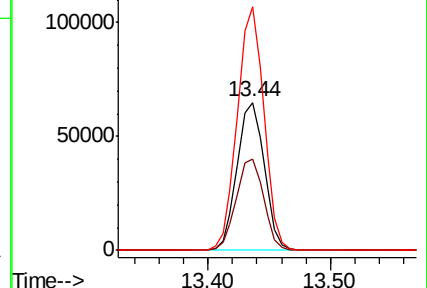
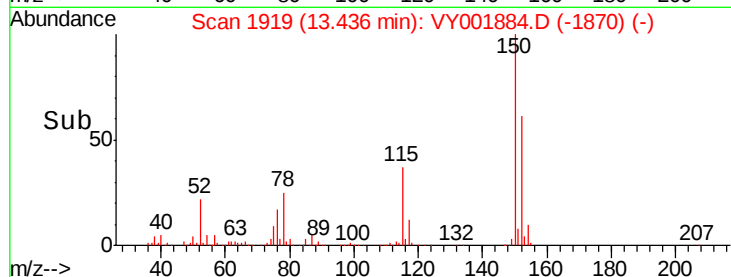
150 160.4 0.0 340.6



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: 45.135 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001884.D

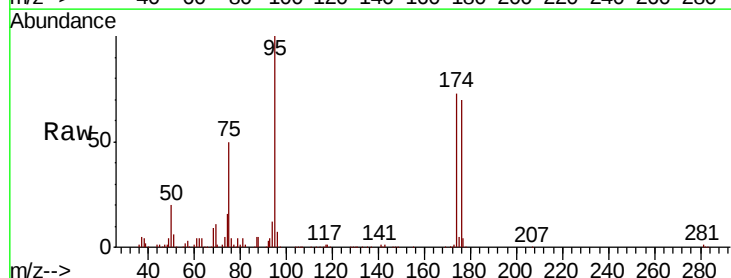
Acq: 05 Mar 2020 16:05

Tgt Ion: 75 Resp: 53384

Ion Ratio Lower Upper

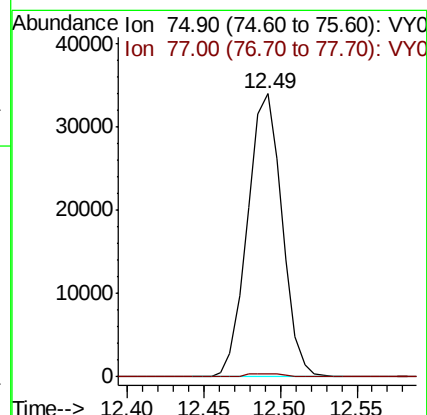
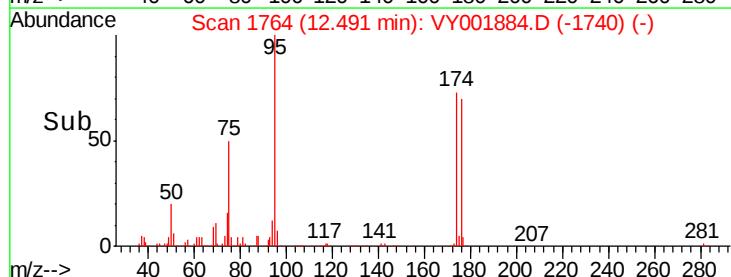
75 100

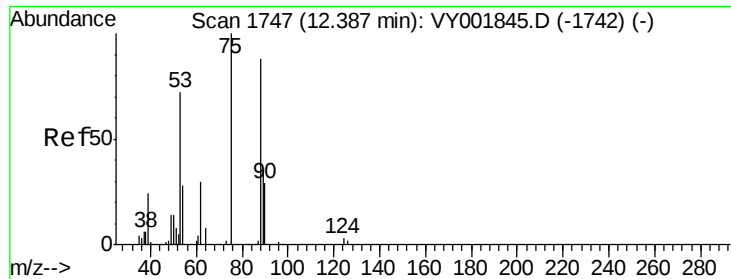
77 1.4 0.0 0.0#



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: 91.171 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001884.D

Acq: 05 Mar 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 53384

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

