

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001097.D
 Acq On : 27 Dec 2019 14:59
 Operator : SY/MD
 Sample : K6443-04
 Misc : 5.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-3

Quant Time: Dec 28 04:02:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

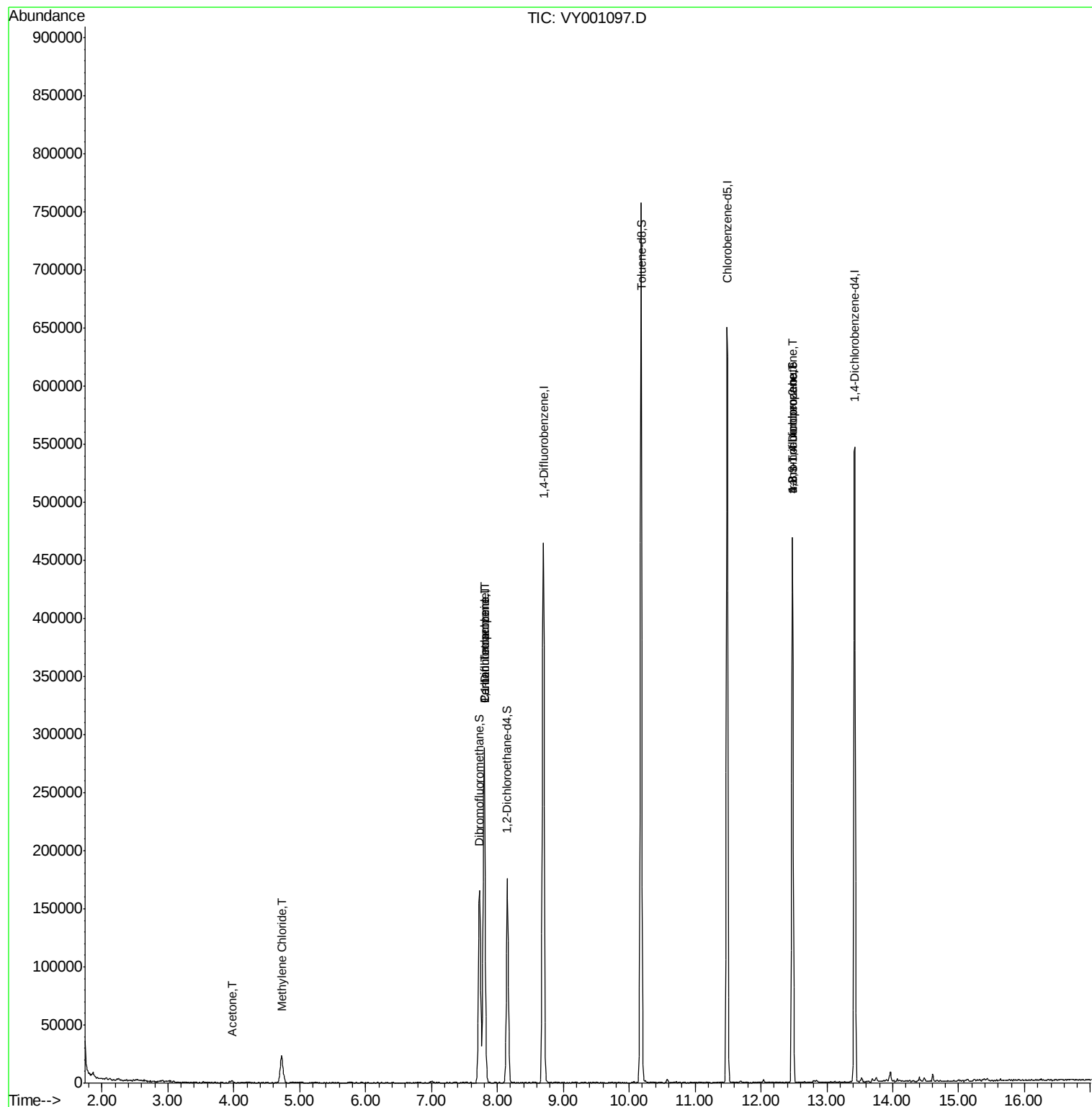
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120053	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.73	113	121905	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	10.18	98	495868	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.48	95	148614	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
Target Compounds						
16) Acetone	3.97	43	2299	4.410	ug/l #	87
20) Methylene Chloride	4.73	84	18027	5.874	ug/l #	80
36) 1,1-Dichloropropene	7.80	75	17303	4.224	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22576	6.291	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	70028	40.337	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	70028	86.030	ug/l #	19

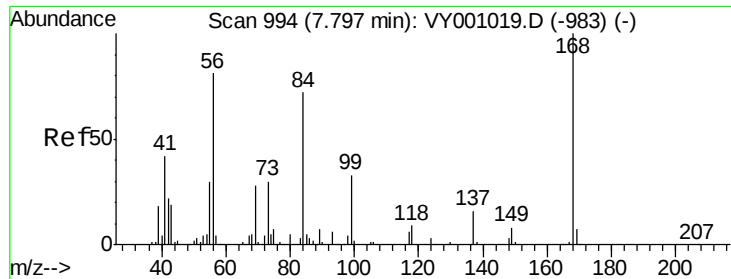
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001097.D
Acq On : 27 Dec 2019 14:59
Operator : SY/MD
Sample : K6443-04
Misc : 5.31G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PH-3

Quant Time: Dec 28 04:02:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

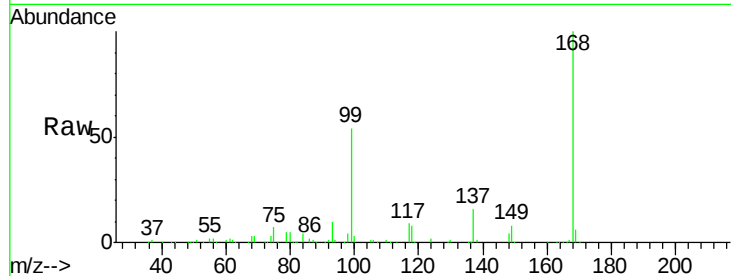
Instrument :
MSVOA_Y
ClientSampleId :
PH-3

Tgt Ion:168 Resp: 229465

Ion Ratio Lower Upper

168 100

99 53.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

100000

80000

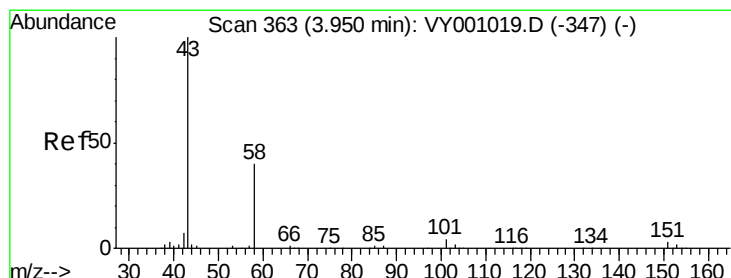
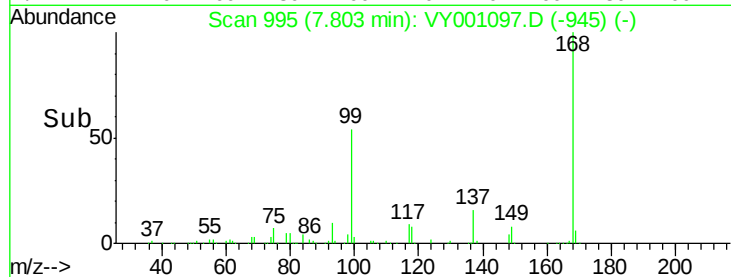
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.410 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001097.D

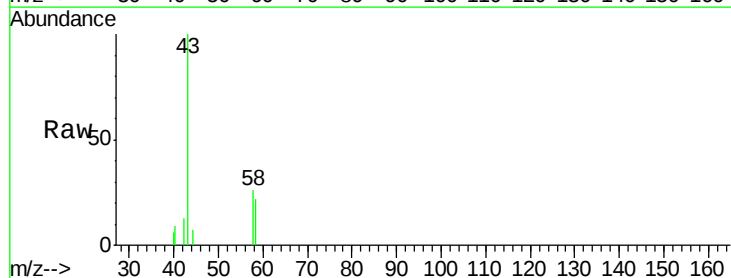
Acq: 27 Dec 2019 14:59

Tgt Ion: 43 Resp: 2299

Ion Ratio Lower Upper

43 100

58 48.2 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

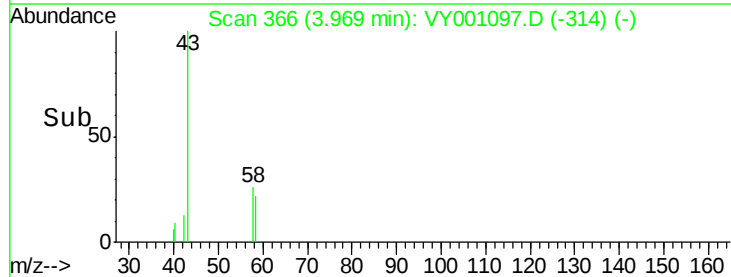
3.97

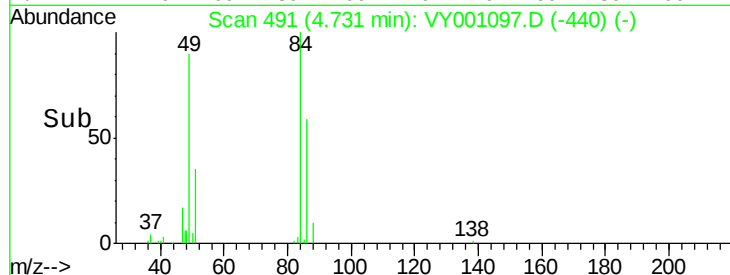
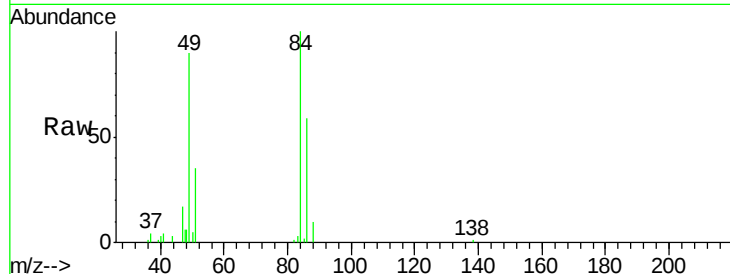
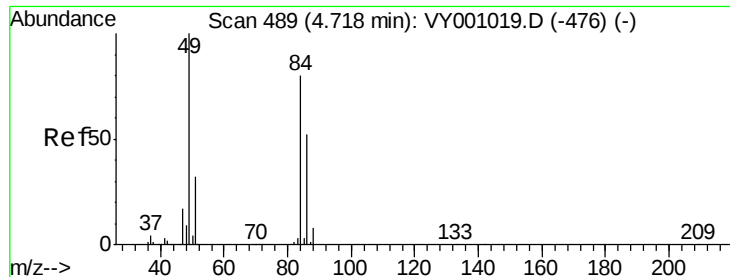
1000

500

0

Time-->

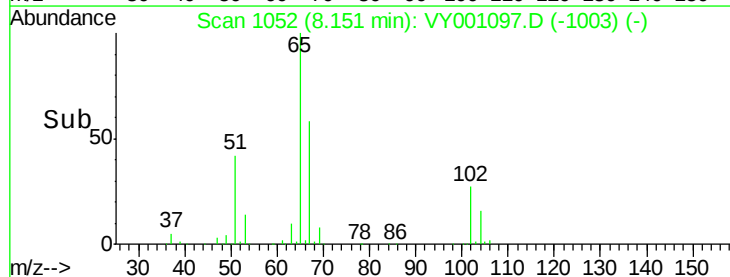
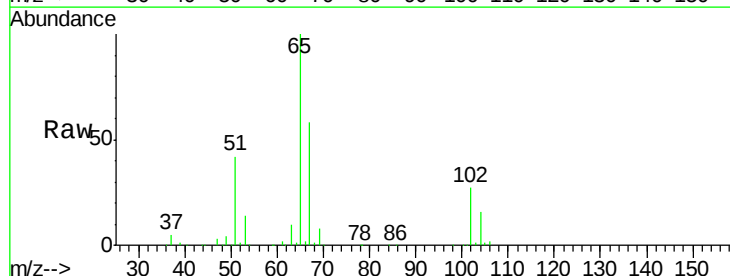
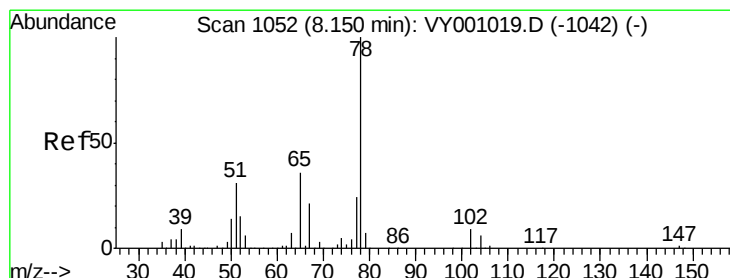
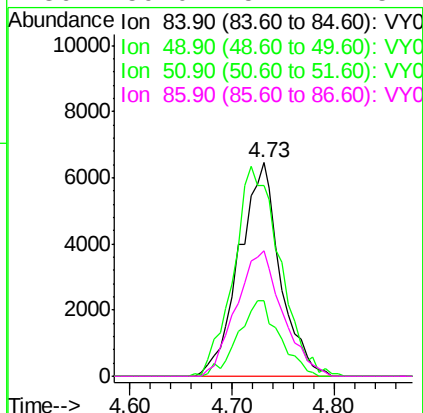




#20
Methylene Chloride
Concen: 5.874 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001097.D
Acq: 27 Dec 2019 14:59

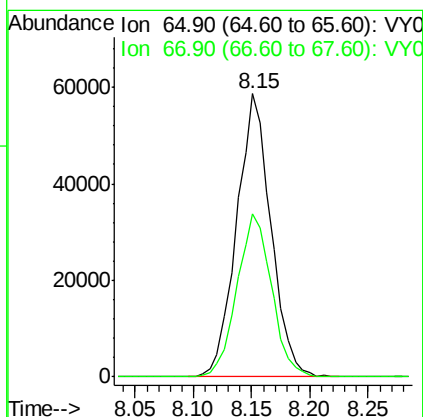
Instrument :
MSVOA_Y
ClientSampled :
PH-3

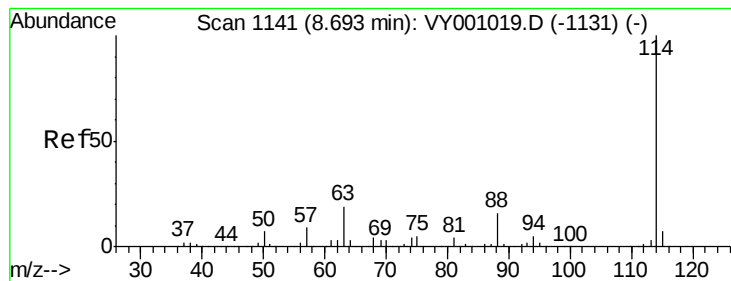
Tgt Ion:	84	Resp:	18027
Ion	Ratio	Lower	Upper
84	100		
49	89.6	99.8	149.6#
51	35.4	31.4	47.2
86	59.0	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 53.047 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001097.D
Acq: 27 Dec 2019 14:59

Tgt Ion:	65	Resp:	120053
Ion	Ratio	Lower	Upper
65	100		
67	58.3	0.0	112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

Instrument :

MSVOA_Y

ClientSampleId :

PH-3

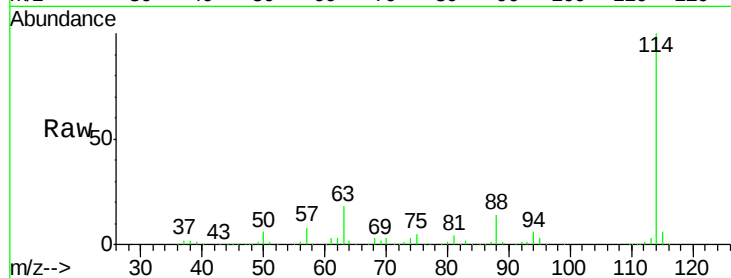
Tgt Ion:114 Resp: 429366

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

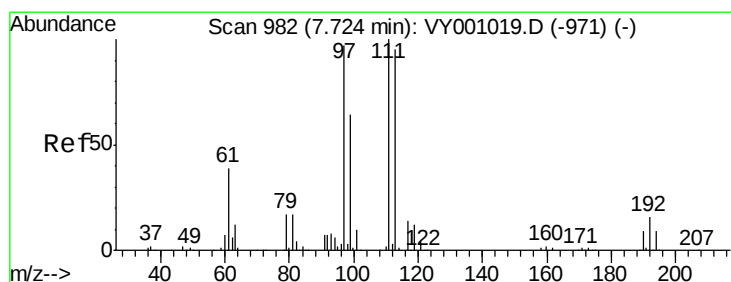
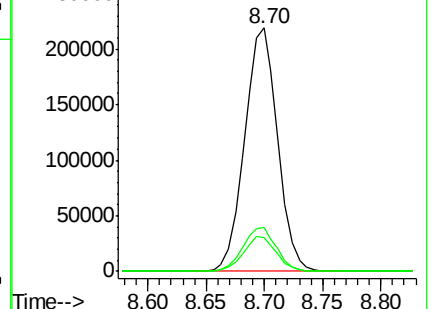
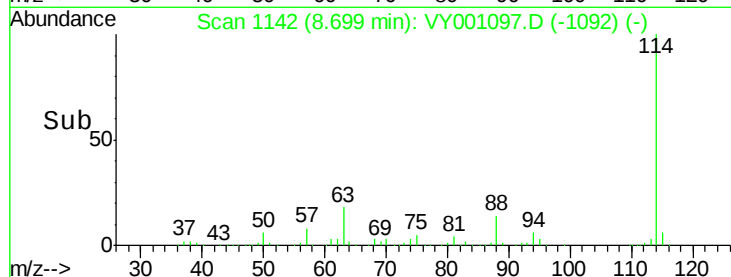
88 14.0 0.0 32.0



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: 48.215 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

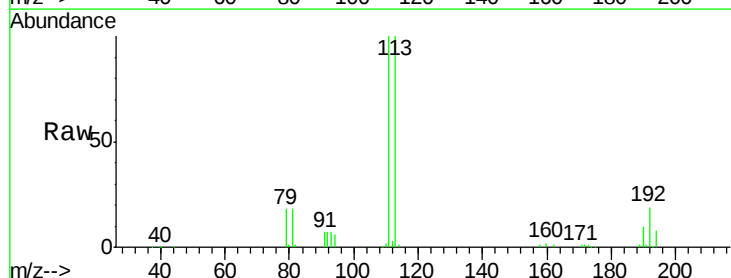
Tgt Ion:113 Resp: 121905

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.4

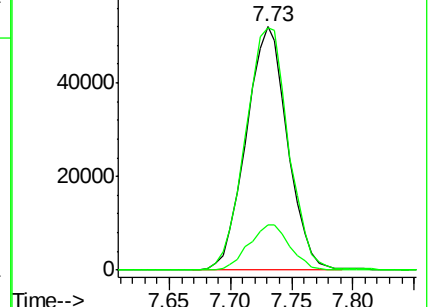
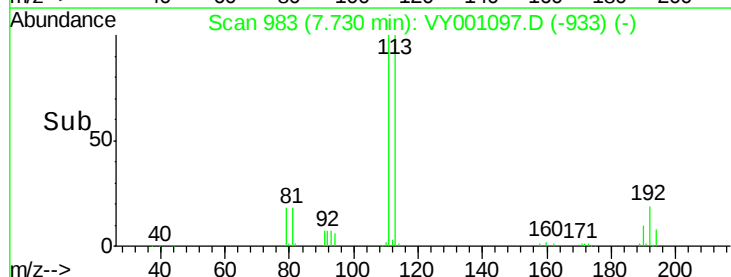
192 18.7 14.6 21.8

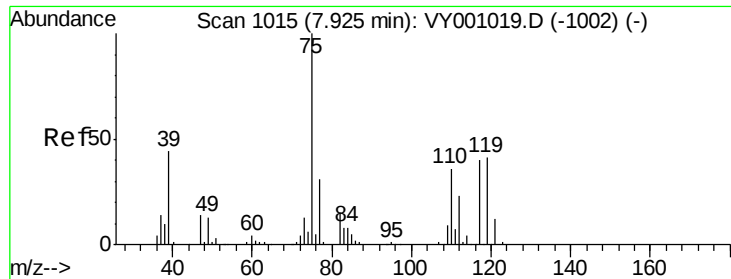


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

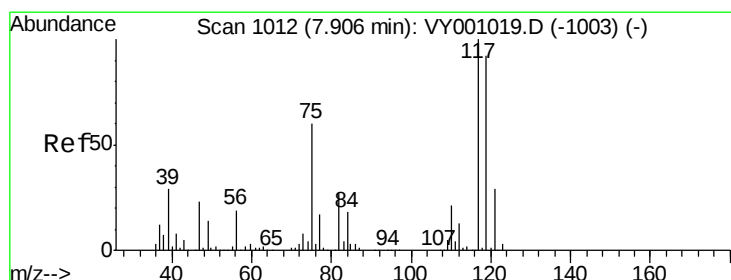
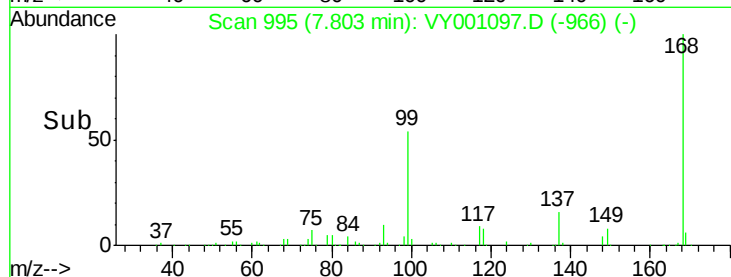
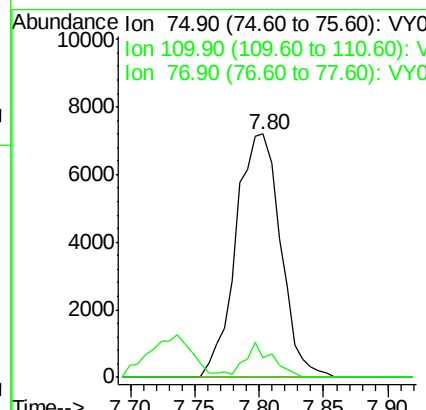
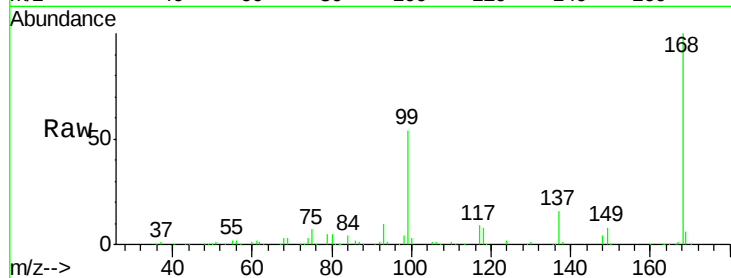




#36
 1,1-Dichloropropene
 Concen: 4.224 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

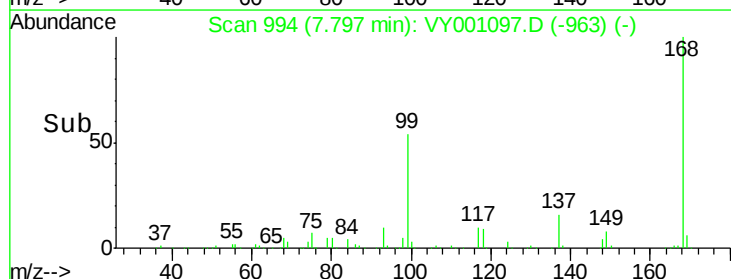
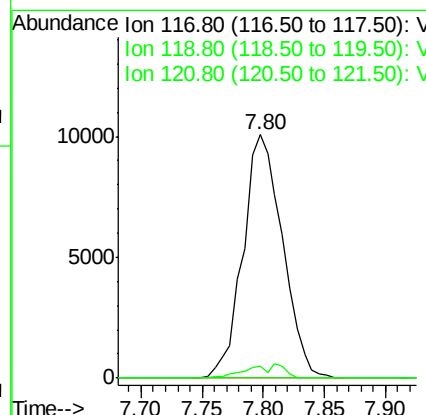
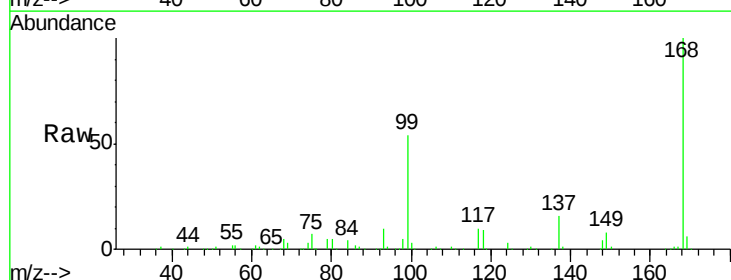
Instrument :
 MSVOA_Y
 ClientSampleId :
 PH-3

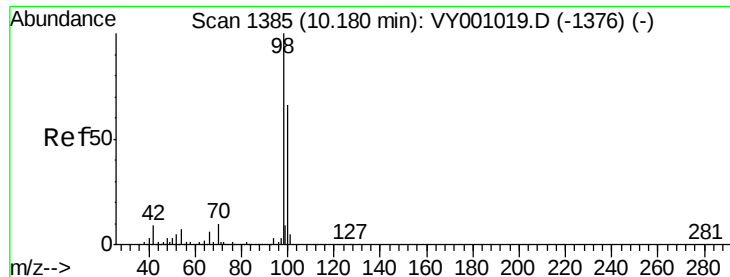
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.291 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001097.D
 Acq: 27 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.2	111.2#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 50.185 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

Instrument :

MSVOA_Y

ClientSampleId :

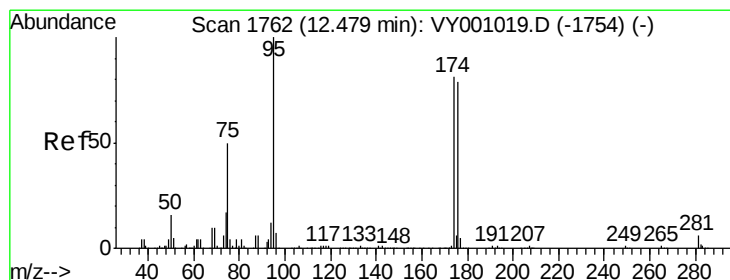
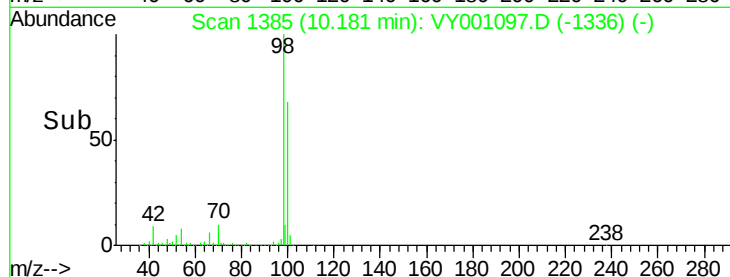
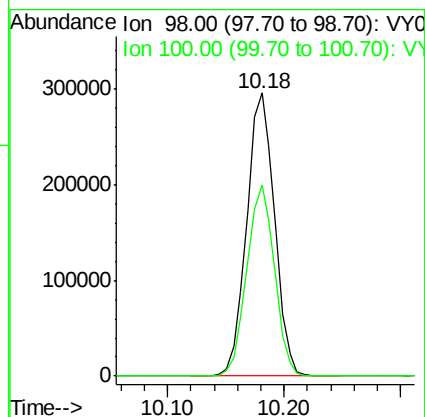
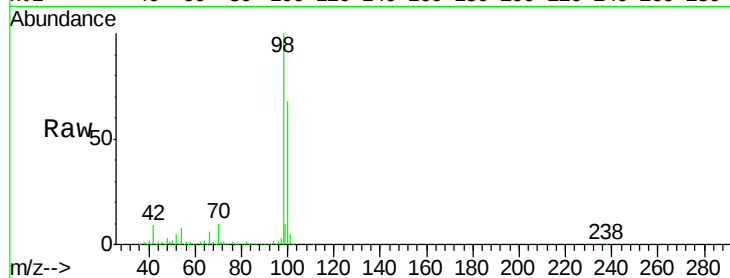
PH-3

Tgt Ion: 98 Resp: 495868

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 41.138 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

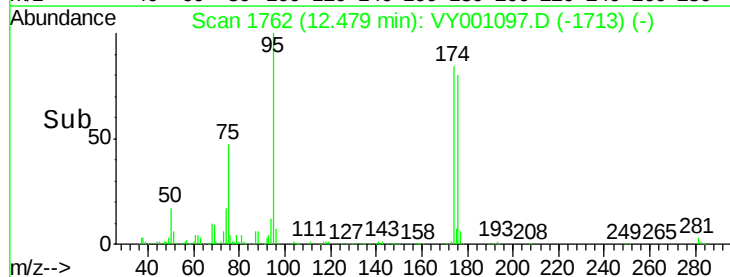
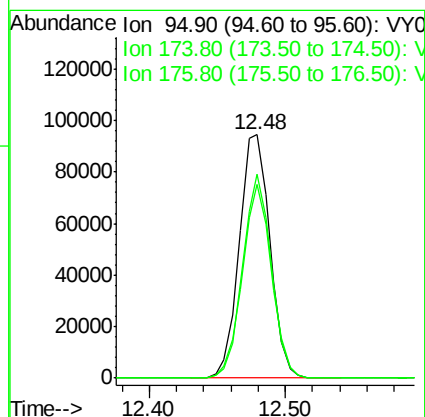
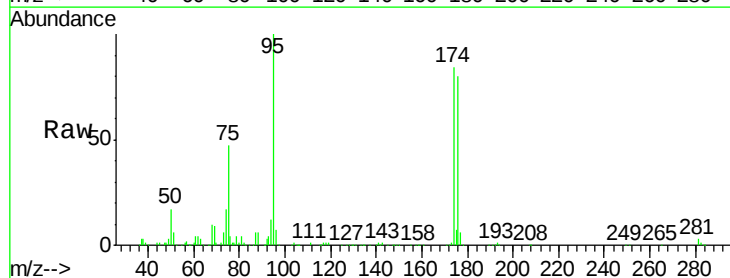
Tgt Ion: 95 Resp: 148614

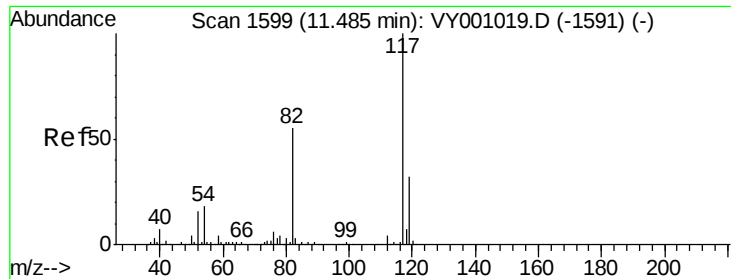
Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.4

176 75.8 0.0 155.0

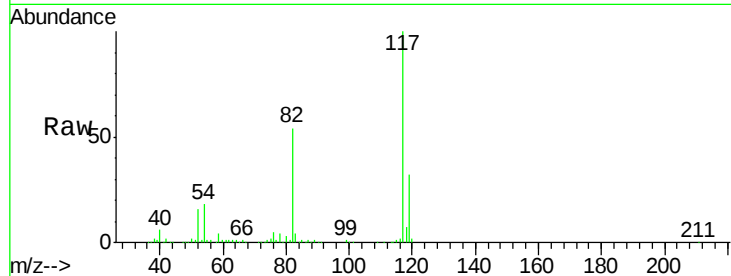




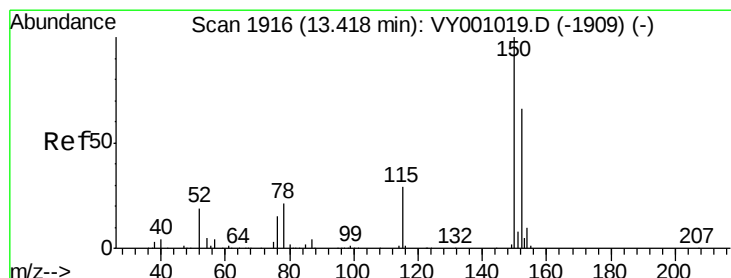
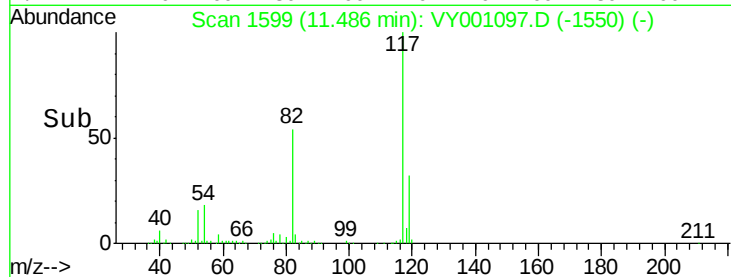
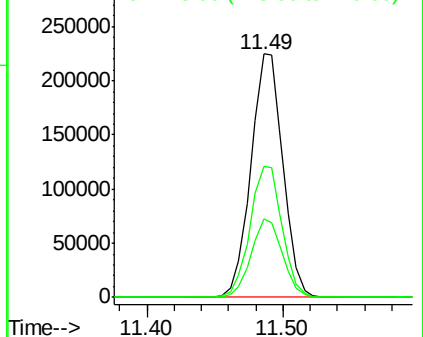
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001097.D
Acq: 27 Dec 2019 14:59

Instrument :
MSVOA_Y
ClientSampleId :
PH-3

Tgt Ion:117 Resp: 370076
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.4 25.8 38.6

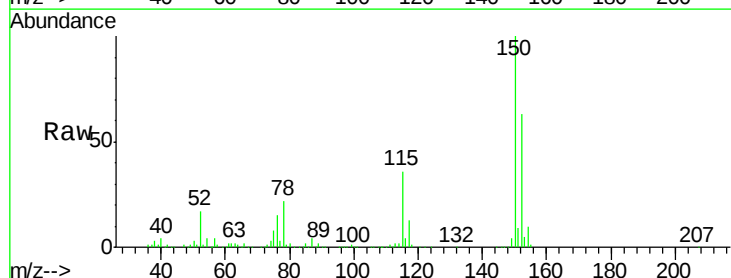


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

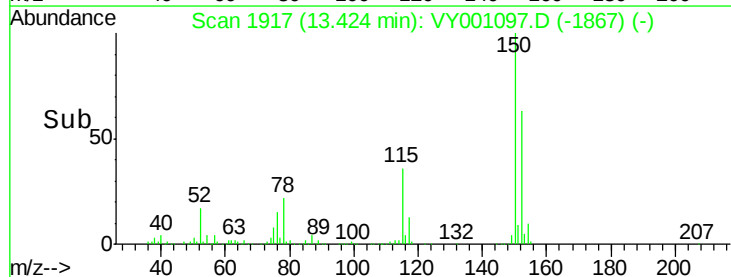
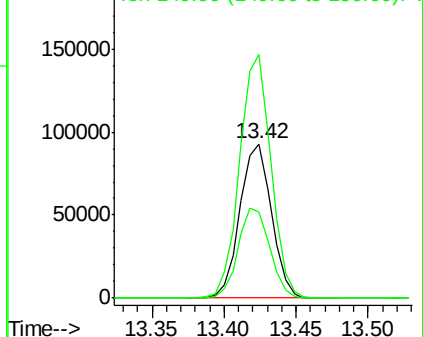


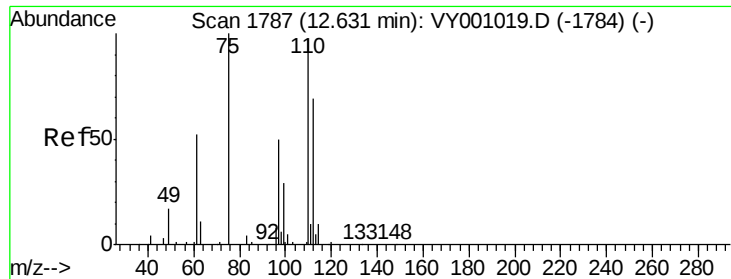
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001097.D
Acq: 27 Dec 2019 14:59

Tgt Ion:152 Resp: 140823
Ion Ratio Lower Upper
152 100
115 58.7 29.8 89.3
150 157.1 0.0 352.6



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: 40.337 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

Instrument :

MSVOA_Y

ClientSampleId :

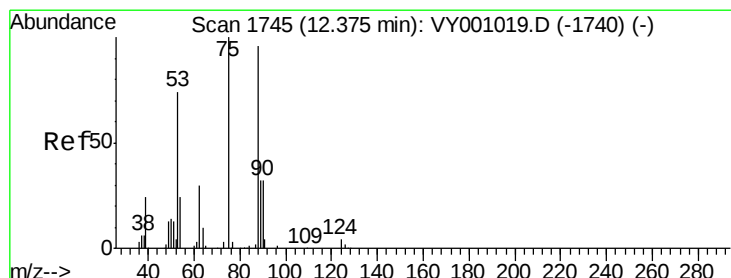
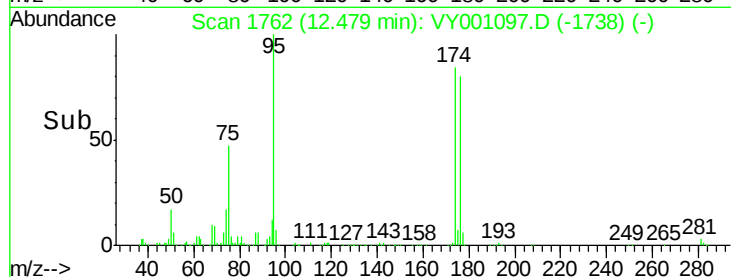
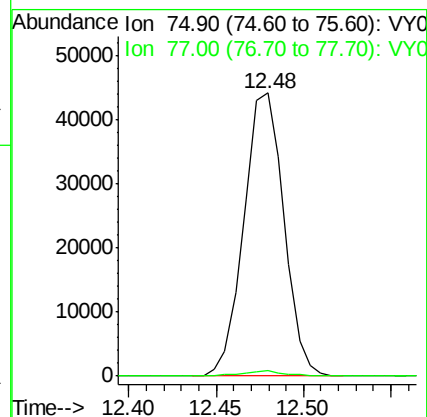
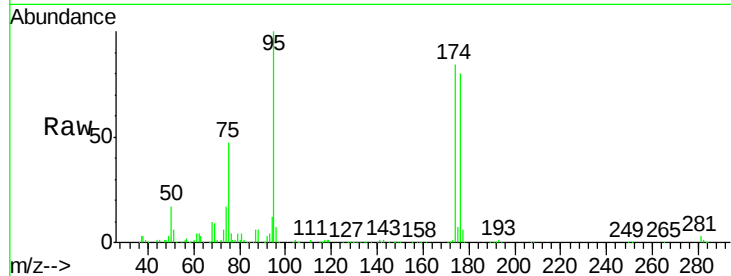
PH-3

Tgt Ion: 75 Resp: 70028

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.030 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001097.D

Acq: 27 Dec 2019 14:59

Tgt Ion: 75 Resp: 70028

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.0 35.4 53.0#

