

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103119\
 Data File : VY000512.D
 Acq On : 31 Oct 2019 18:30
 Operator : SY/MD
 Sample : K5620-03RE
 Misc : 5.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

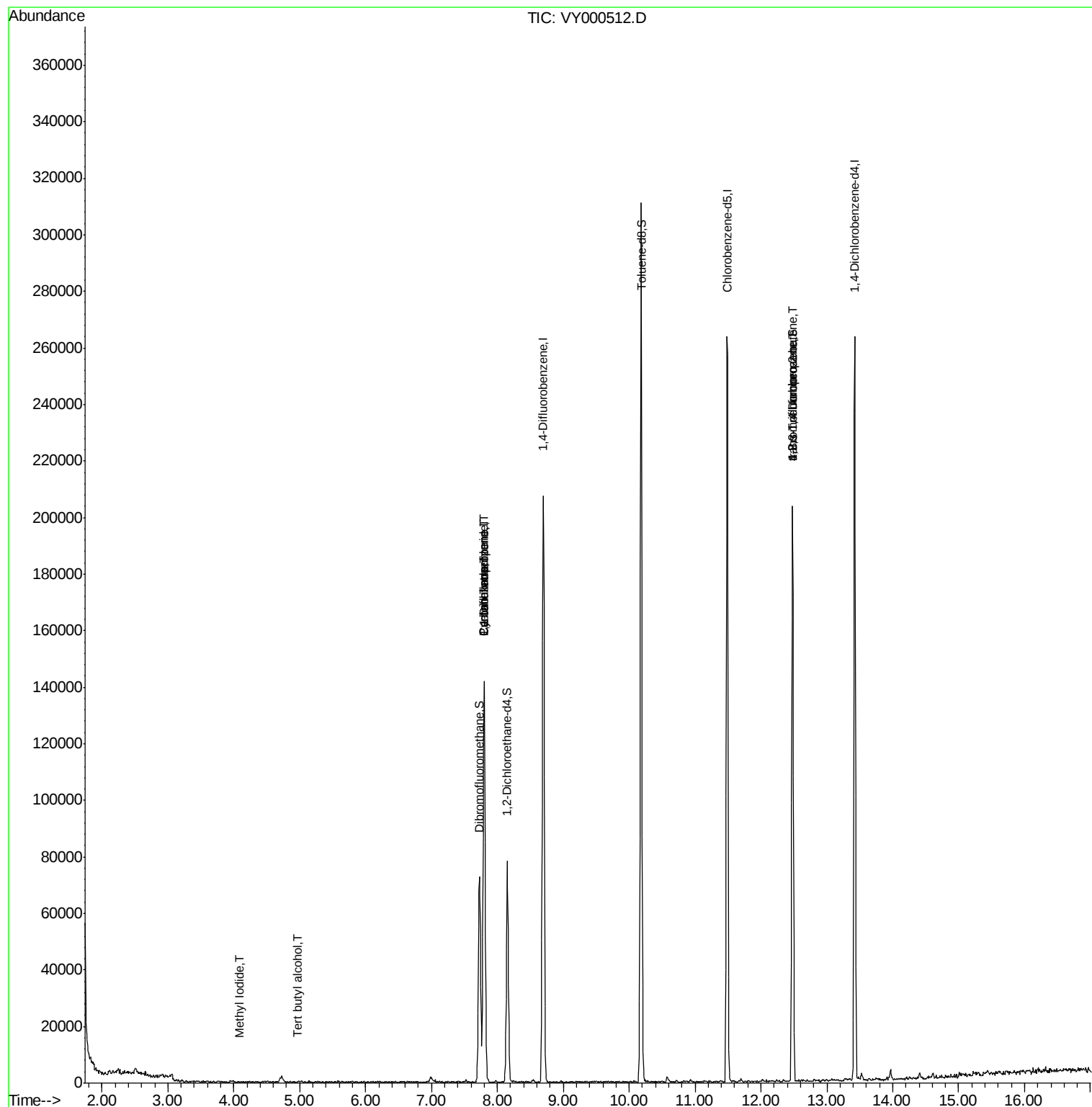
Quant Time: Nov 01 05:52:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	109732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	177289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	140783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	61282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	57262	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.73	113	49208	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.18	98	199376	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	58759	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.09	142	56	3.235	ug/l #	41
11) Tert butyl alcohol	4.97	59	219	1.981	ug/l #	91
31) Cyclohexane	7.80	56	2648	1.205	ug/l #	22
36) 1,1-Dichloropropene	7.80	75	9136	5.451	ug/l #	48
38) Carbon Tetrachloride	7.80	117	11136	6.905	ug/l #	12
76) 1,2,3-Trichloropropane	12.48	75	32112	46.020	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	32112	103.184	ug/l #	13

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000512.D

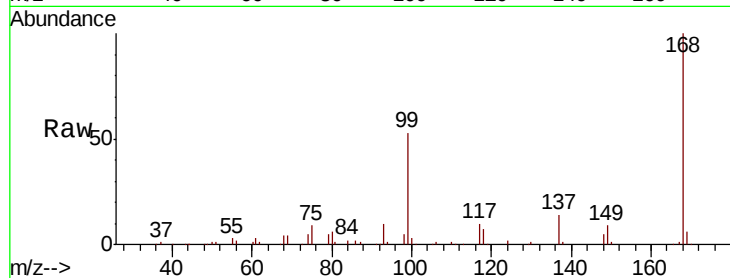
Acq: 31 Oct 2019 18:30

Tot Ion:168 Resp: 109732

Ion Ratio Lower Upper

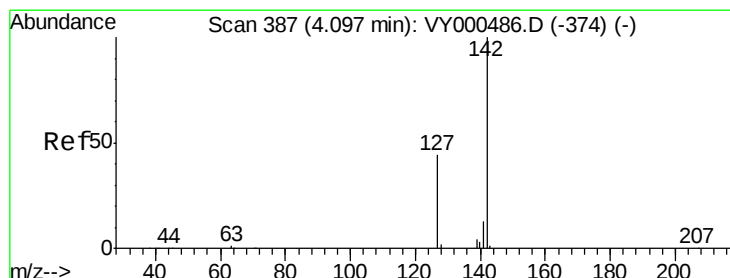
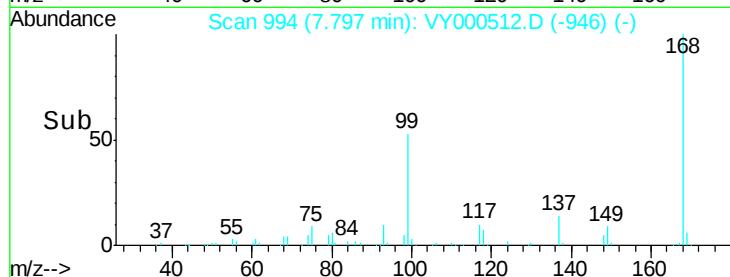
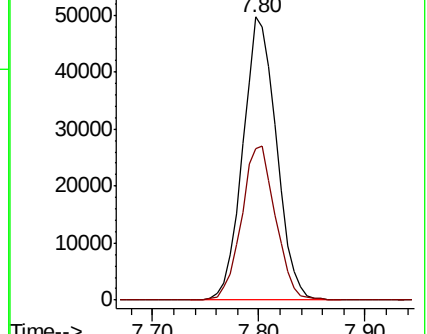
168 100

99 53.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.235 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000512.D

Acq: 31 Oct 2019 18:30

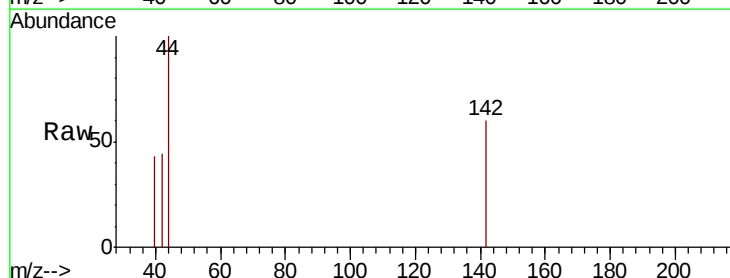
Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

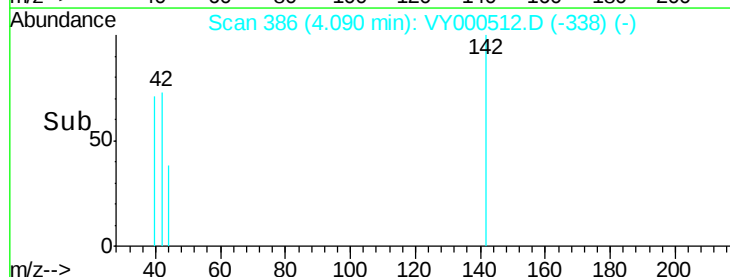
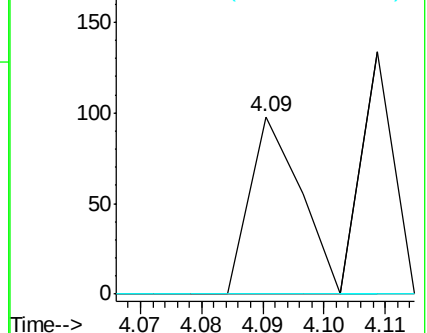
141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 1.981 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000512.D

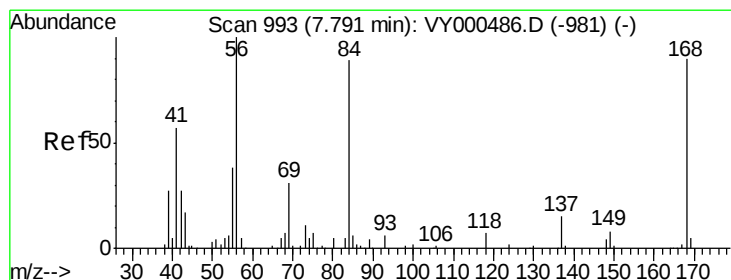
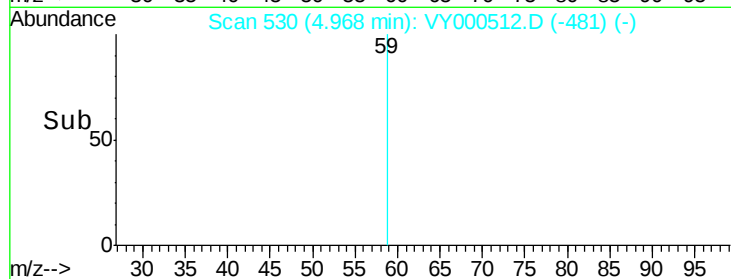
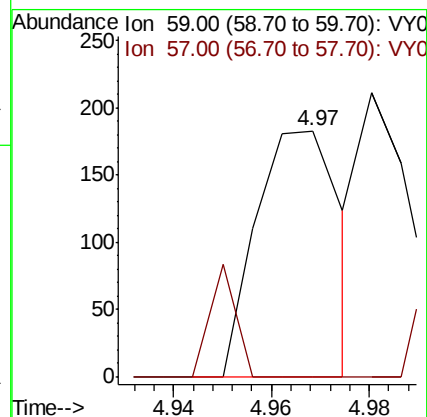
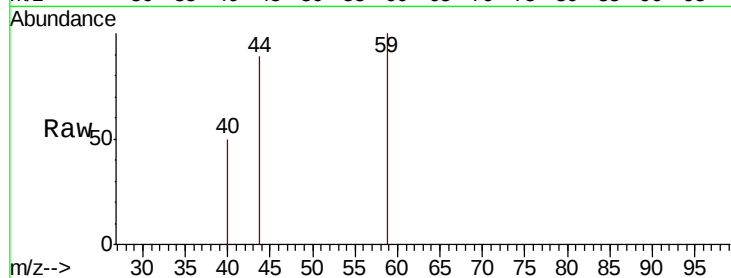
Acq: 31 Oct 2019 18:30

Tot Ion: 59 Resp: 219

Ion Ratio Lower Upper

59 100

57 14.2 8.6 12.8#



#31

Cyclohexane

Concen: 1.205 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000512.D

Acq: 31 Oct 2019 18:30

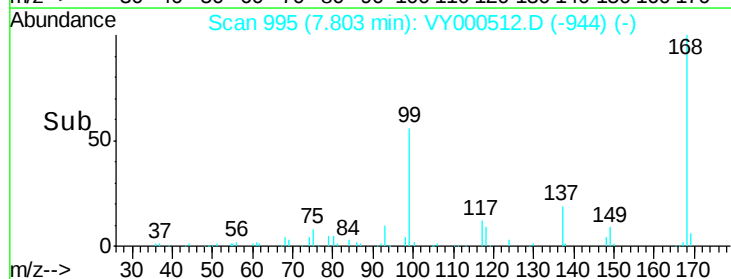
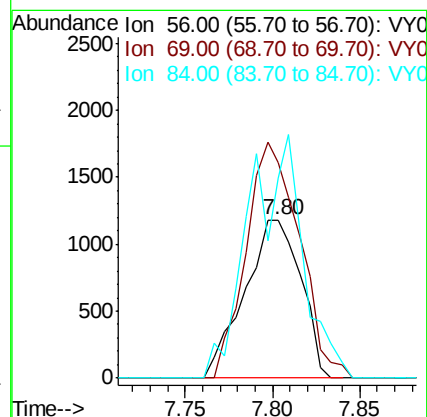
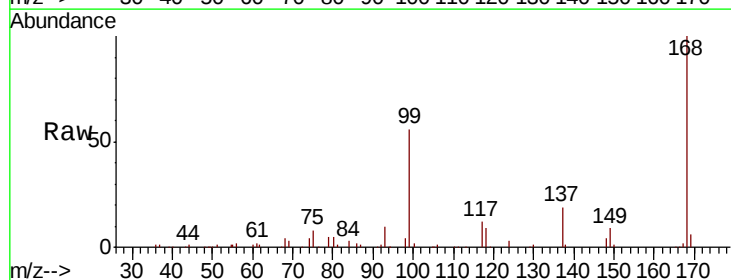
Tgt Ion: 56 Resp: 2648

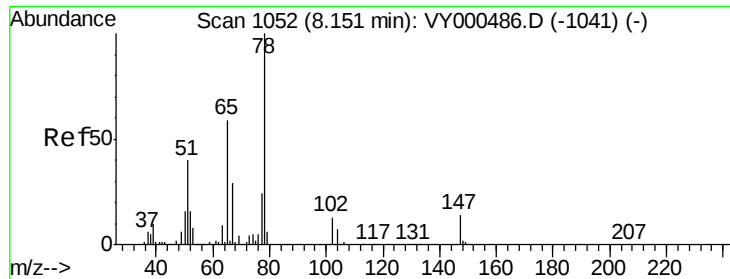
Ion Ratio Lower Upper

56 100

69 135.6 25.0 37.6#

84 126.3 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 50.425 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000512.D

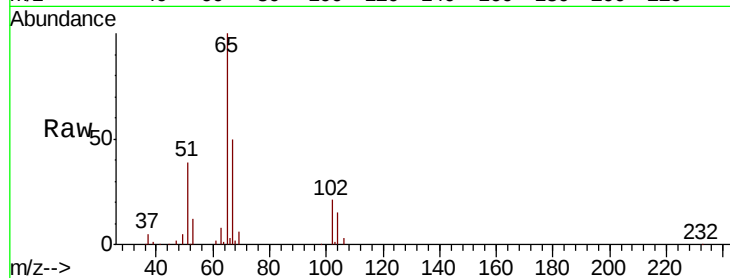
Acq: 31 Oct 2019 18:30

Tot Ion: 65 Resp: 57262

Ion Ratio Lower Upper

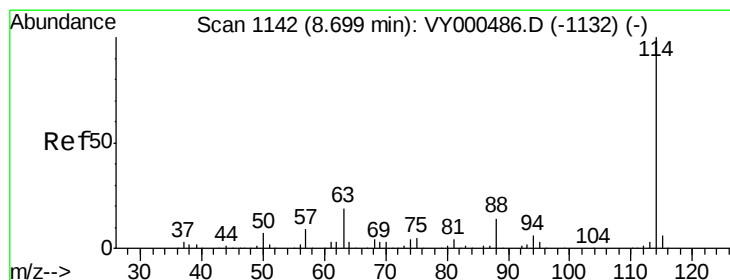
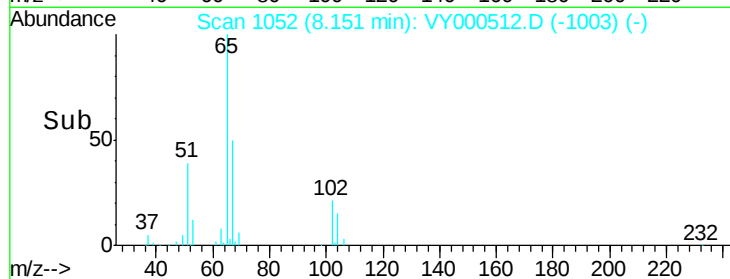
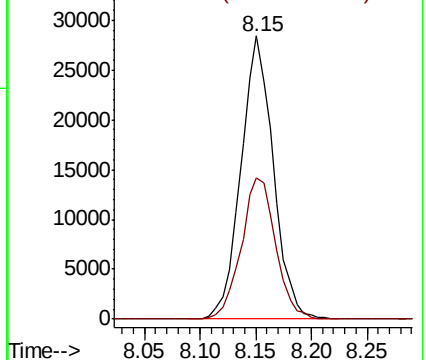
65 100

67 52.9 0.0 107.2



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: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000512.D

Acq: 31 Oct 2019 18:30

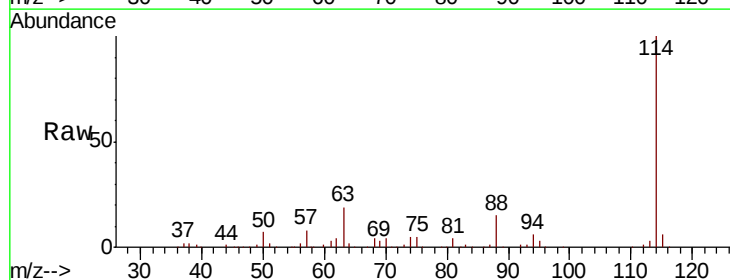
Tgt Ion: 114 Resp: 177289

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

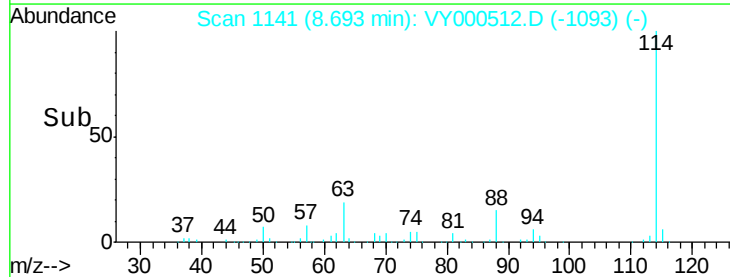
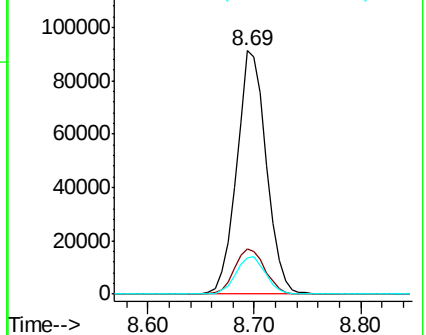
88 15.1 0.0 28.6

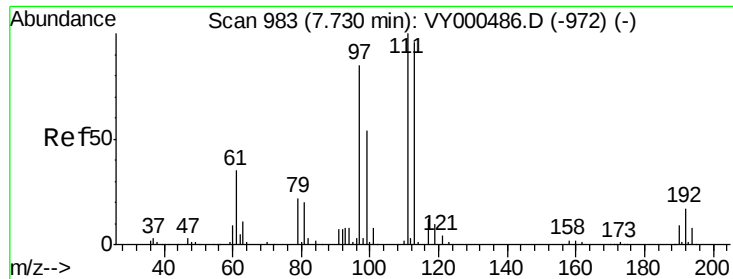


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

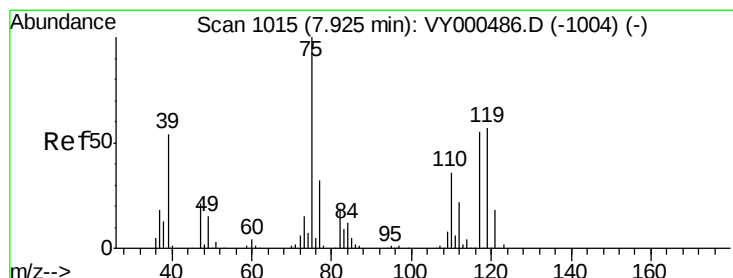
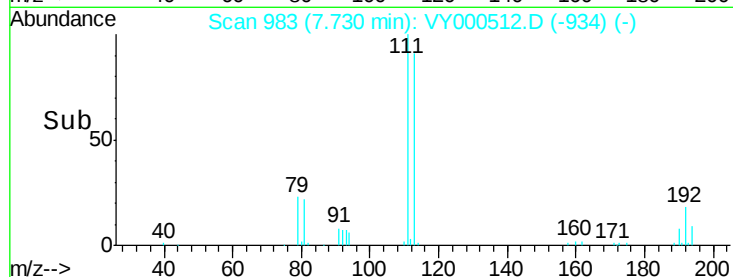
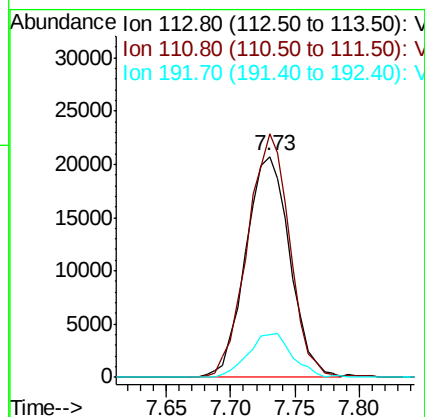
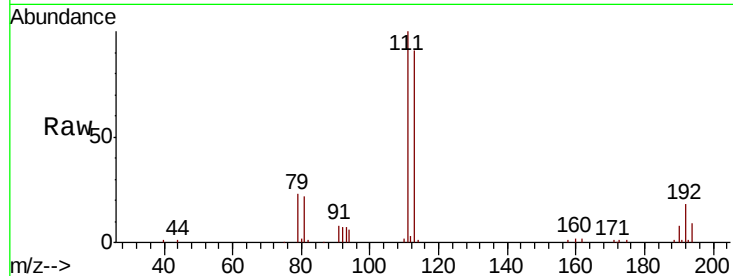
Ion 87.90 (87.60 to 88.60): VY0





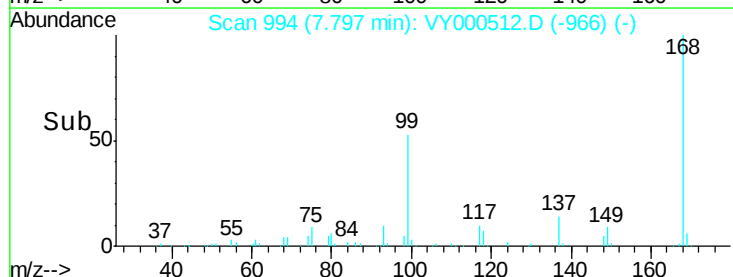
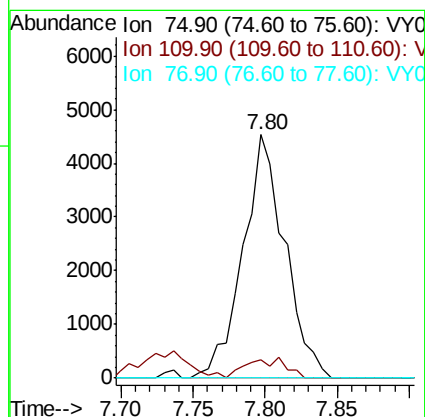
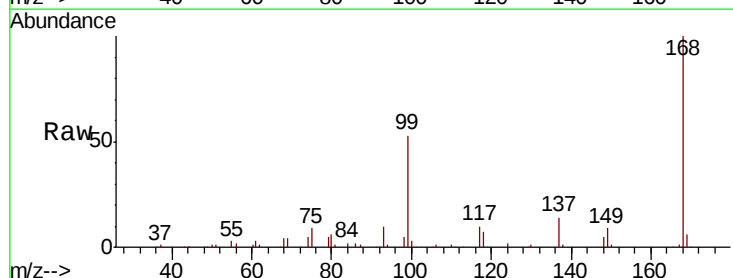
#35
 Dibromofluoromethane
 Concen: 47.279 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000512.D
 Acq: 31 Oct 2019 18:30

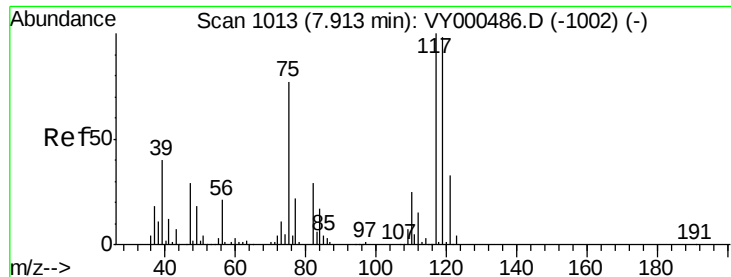
Tot Ion:113 Resp: 49208
 Ion Ratio Lower Upper
 113 100
 111 105.9 81.7 122.5
 192 19.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.451 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000512.D
 Acq: 31 Oct 2019 18:30

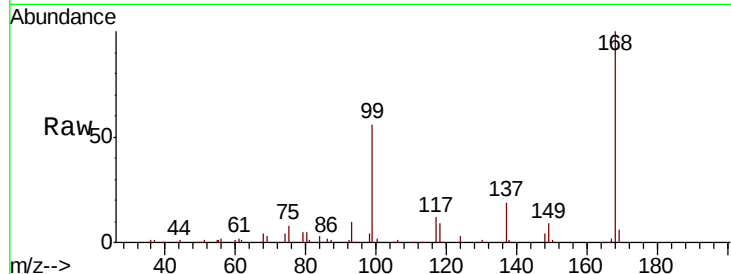
Tgt Ion: 75 Resp: 9136
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.1 54.1#
 77 0.0 25.0 37.6#



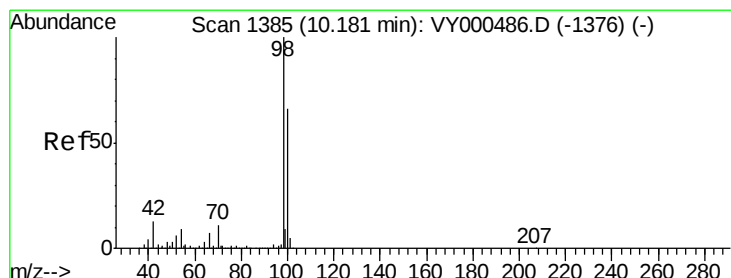
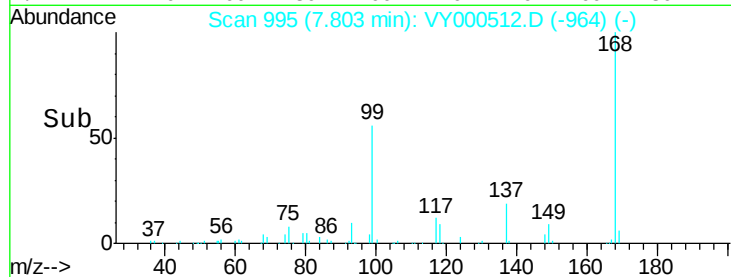
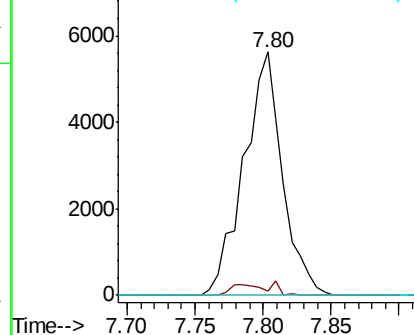


#38
Carbon Tetrachloride
Concen: 6.905 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000512.D
Acq: 31 Oct 2019 18:30

Tot Ion	Ratio	Lower	Upper
117	100		
119	1.5	78.0	117.0#
121	0.0	26.6	40.0#

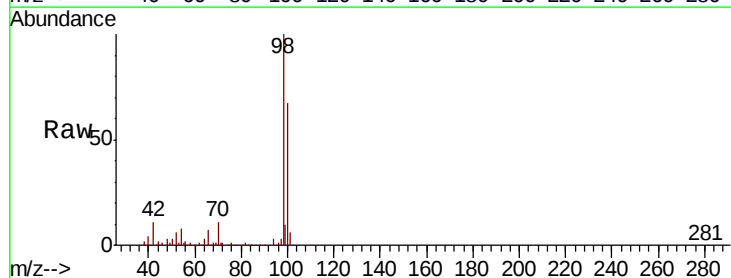


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

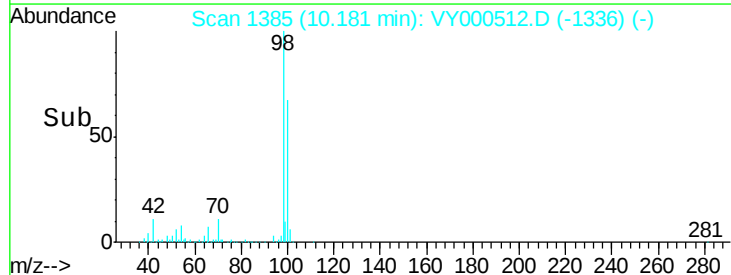
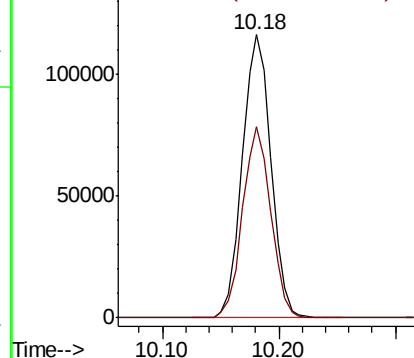


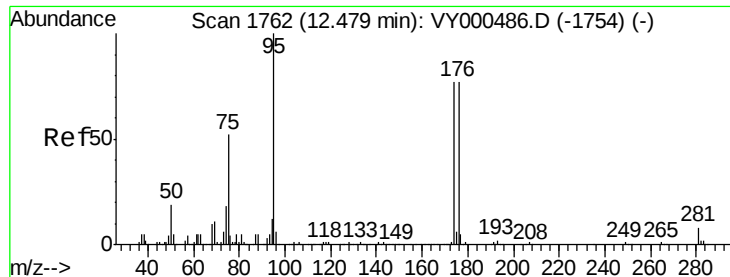
#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000512.D
Acq: 31 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3



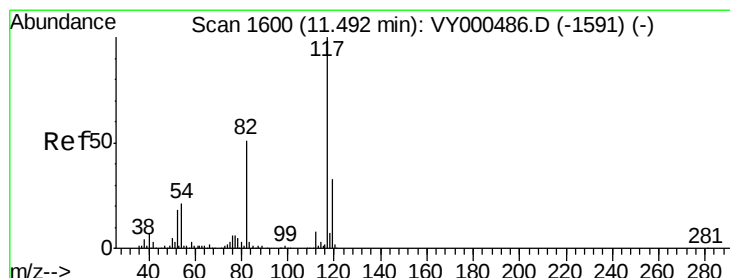
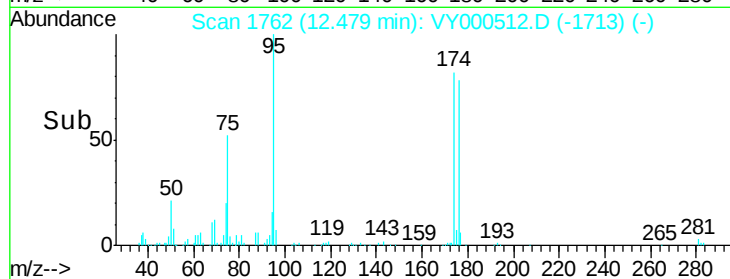
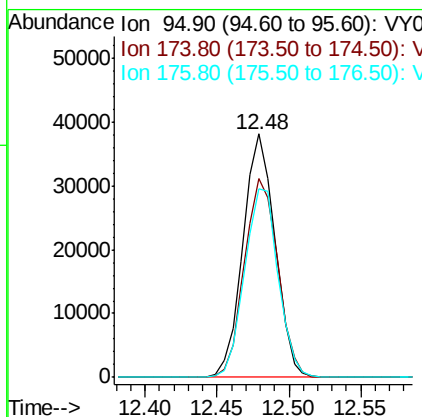
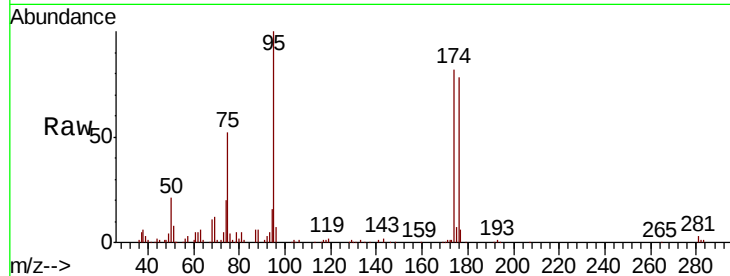
Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





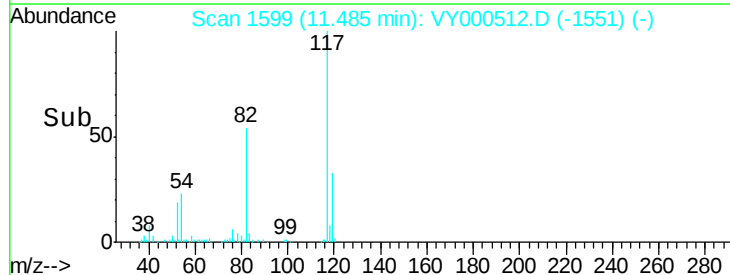
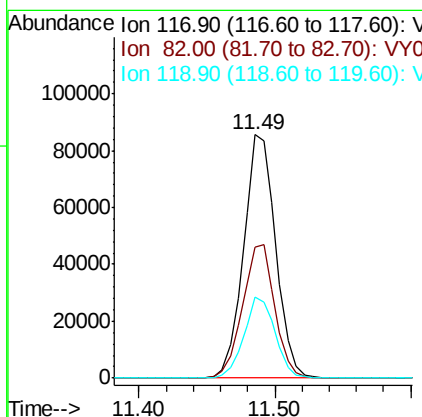
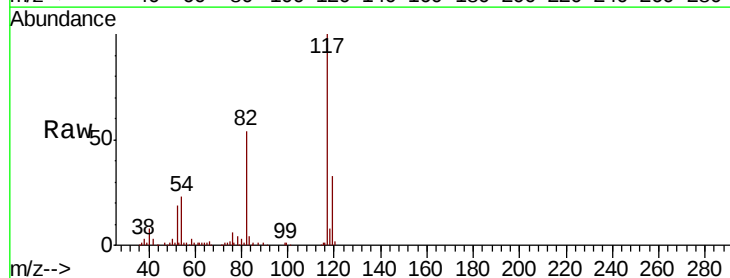
#62
4-Bromofluorobenzene
Concen: 39.082 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000512.D
Acq: 31 Oct 2019 18:30

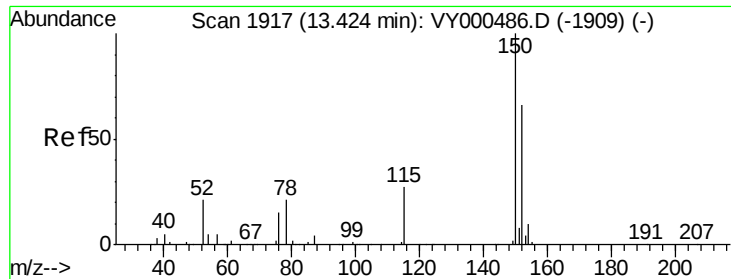
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	161.6
176	81.0	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000512.D
Acq: 31 Oct 2019 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.8	61.2
119	33.5	26.2	39.2

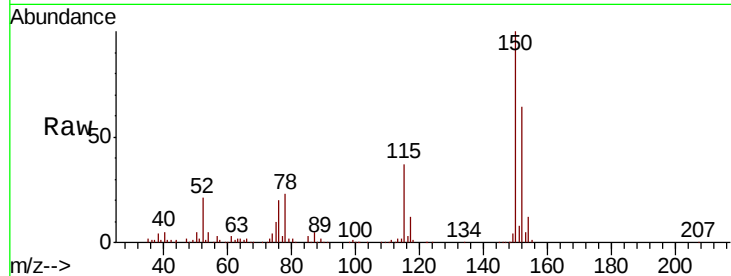




#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000512.D
Acq: 31 Oct 2019 18:30

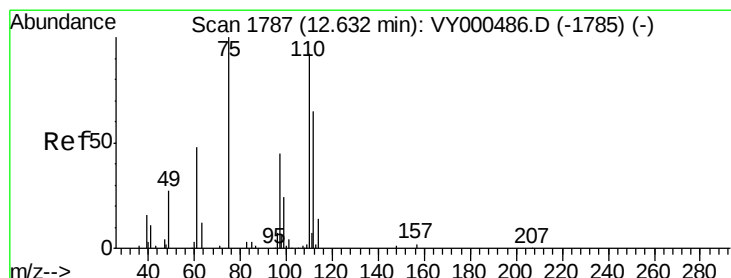
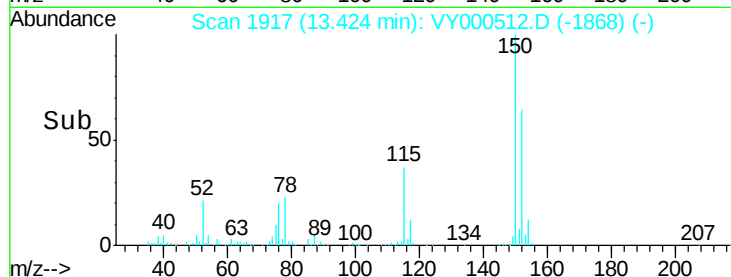
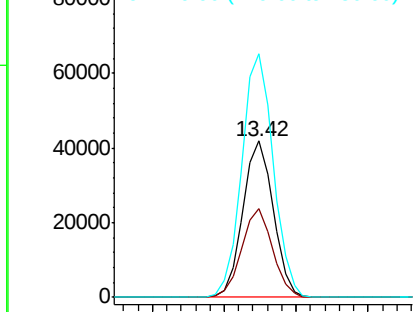
Tot Ion	152	Resp	61282
Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.1	87.4
150	160.5	0.0	348.8



Abundance Ion 151.90 (151.60 to 152.60): VY000486.D (-1909) (-)

Ion 114.90 (114.60 to 115.60): VY000486.D (-1909) (-)

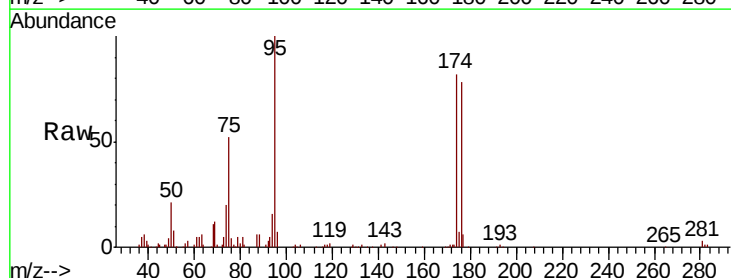
Ion 149.90 (149.60 to 150.60): VY000486.D (-1909) (-)



#76

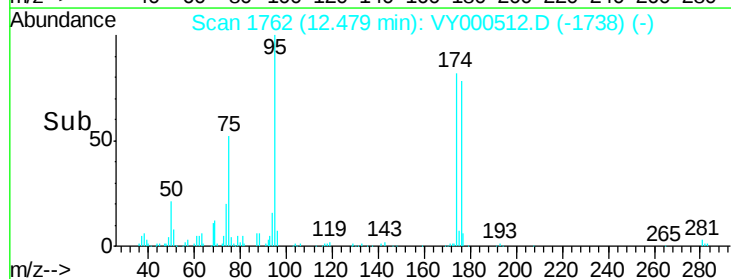
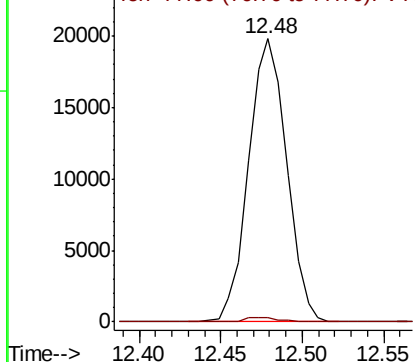
1,2,3-Trichloropropane
Concen: 46.020 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000512.D
Acq: 31 Oct 2019 18:30

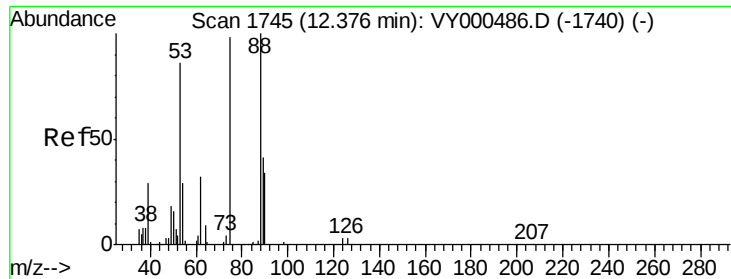
Tgt Ion	75	Resp	32112
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000486.D (-1785) (-)





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.184 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000512.D
 Acq: 31 Oct 2019 18:30

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.0	35.9	53.9#

