

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103119\
 Data File : VY000511.D
 Acq On : 31 Oct 2019 18:07
 Operator : SY/MD
 Sample : K5614-01RE
 Misc : 1.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

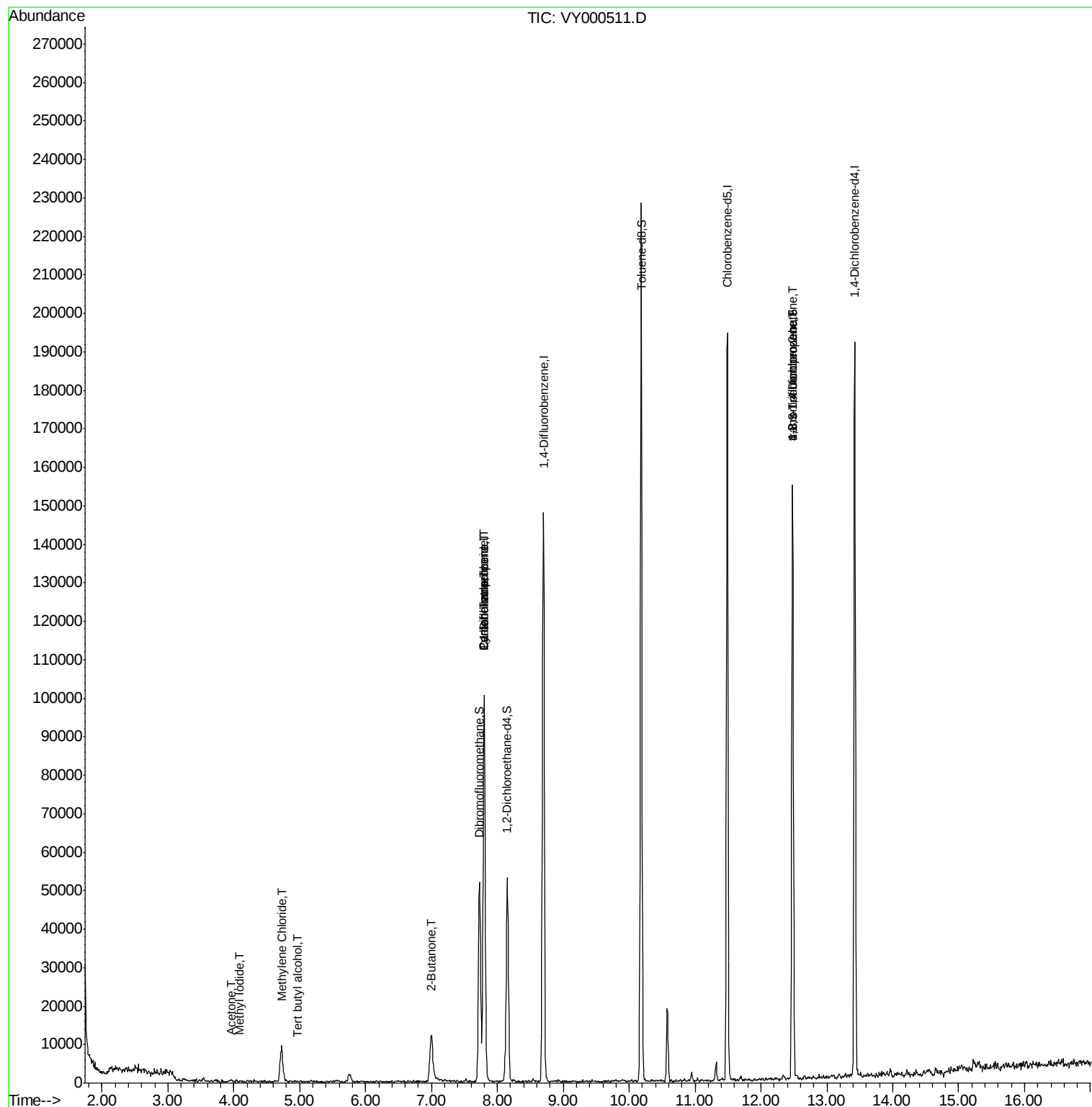
Quant Time: Nov 01 05:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

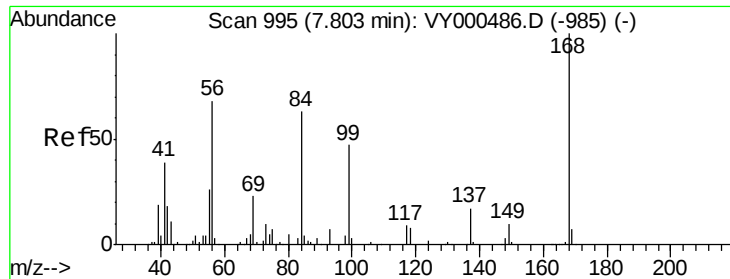
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	76658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	127282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	102881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	45809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	40805	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	7.73	113	36774	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.18	98	145481	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.48	95	43080	39.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.82%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.09	142	60	3.253	ug/l #	62
11) Tert butyl alcohol	4.97	59	166	2.150	ug/l #	72
16) Acetone	3.96	43	559	2.557	ug/l #	42
20) Methylene Chloride	4.73	84	6823	7.283	ug/l #	78
25) 2-Butanone	7.00	43	834	2.390	ug/l #	49
31) Cyclohexane	7.79	56	1698	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	6085	5.057	ug/l #	51
38) Carbon Tetrachloride	7.80	117	7653	6.610	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	22928	43.957	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	22928	98.558	ug/l #	13

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000511.D

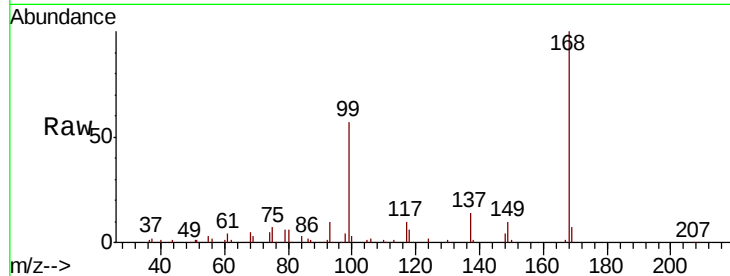
Acq: 31 Oct 2019 18:07

Tot Ion:168 Resp: 76658

Ion Ratio Lower Upper

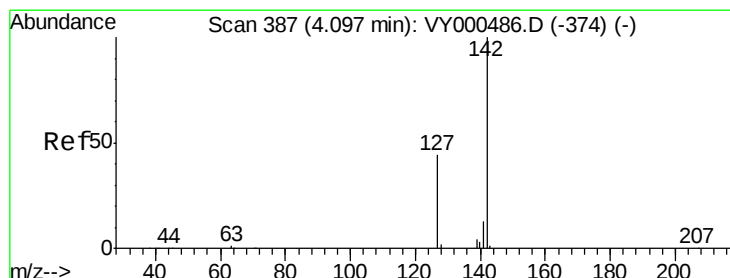
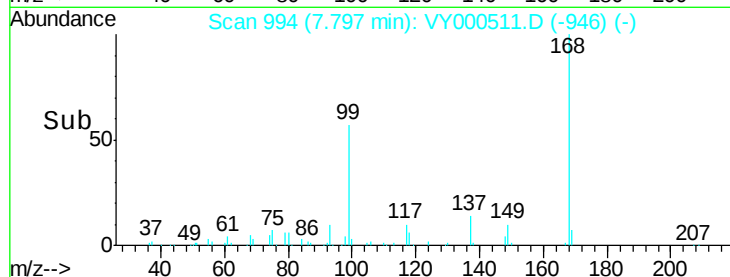
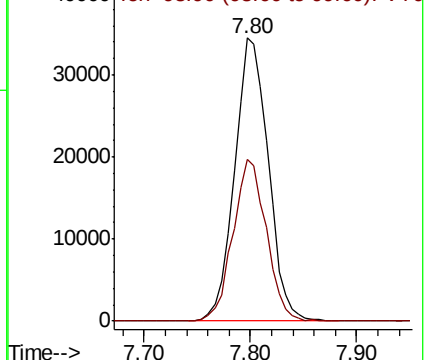
168 100

99 57.3 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: 3.253 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000511.D

Acq: 31 Oct 2019 18:07

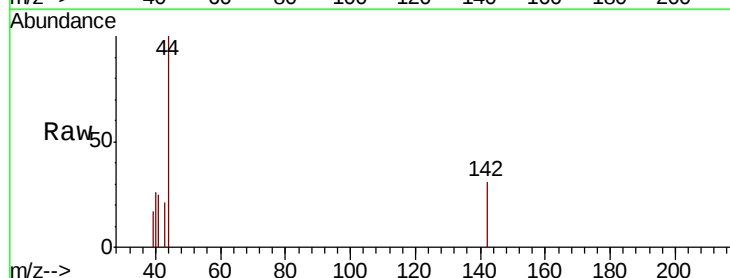
Tgt Ion:142 Resp: 60

Ion Ratio Lower Upper

142 100

127 66.7 33.7 50.5#

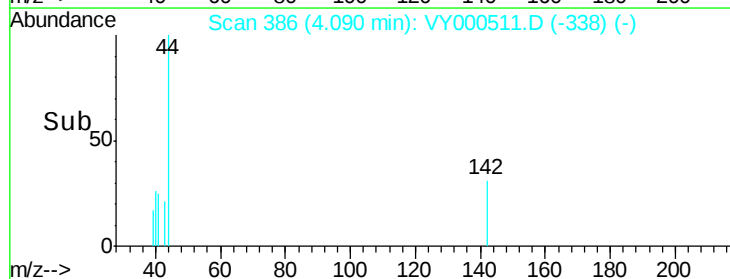
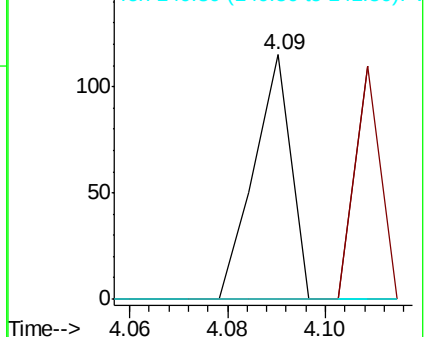
141 0.0 10.9 16.3#

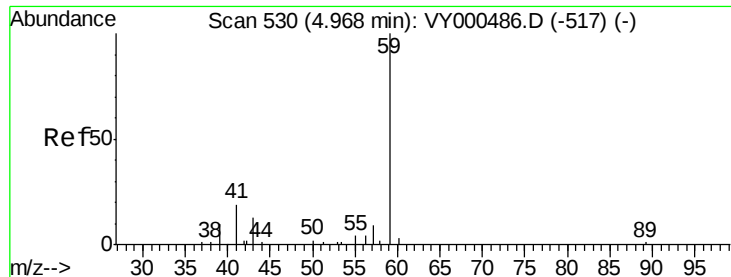


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

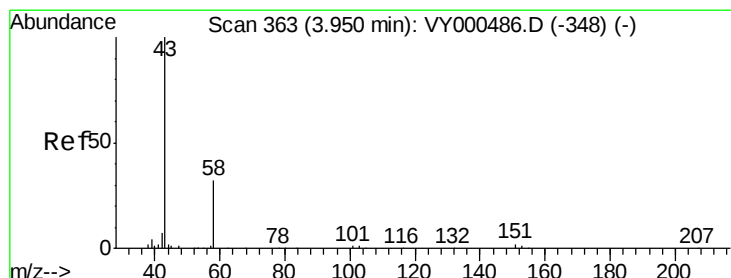
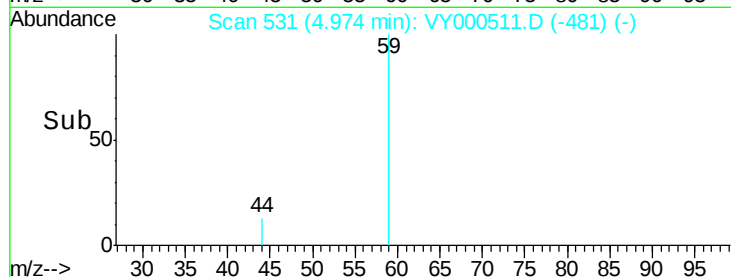
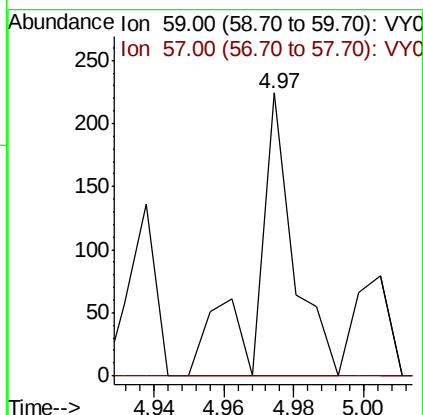
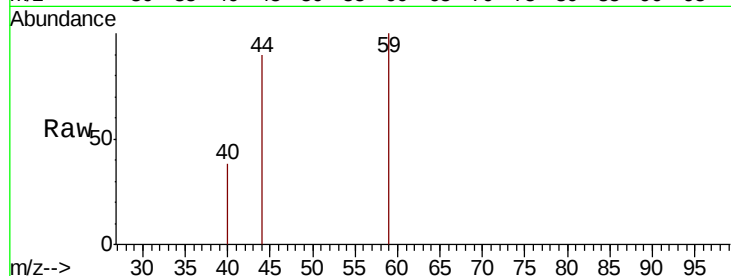
Ion 140.80 (140.50 to 141.50): V





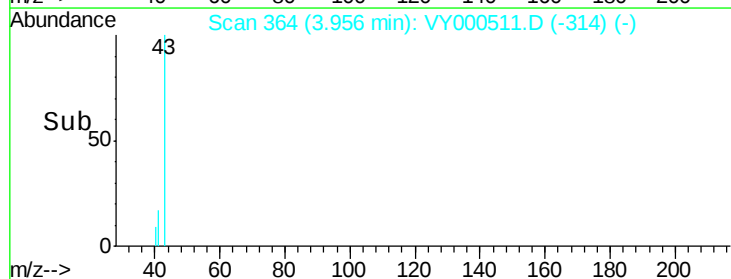
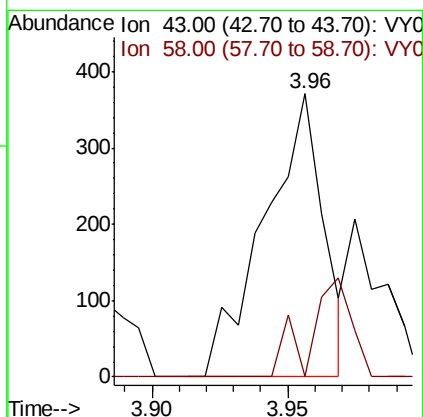
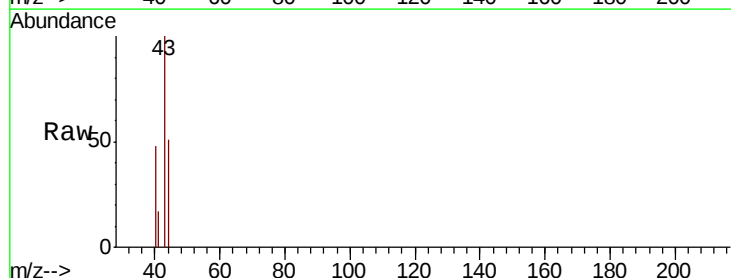
#11
Tert butyl alcohol
Concen: 2.150 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

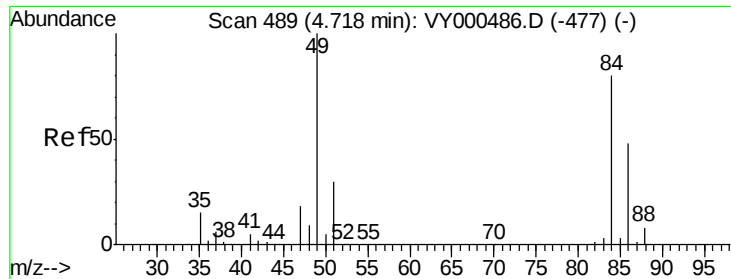
Tot Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.557 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

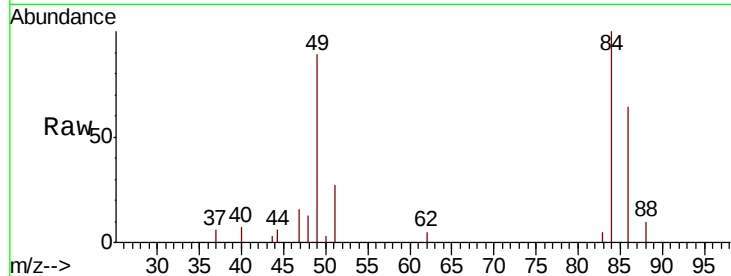
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



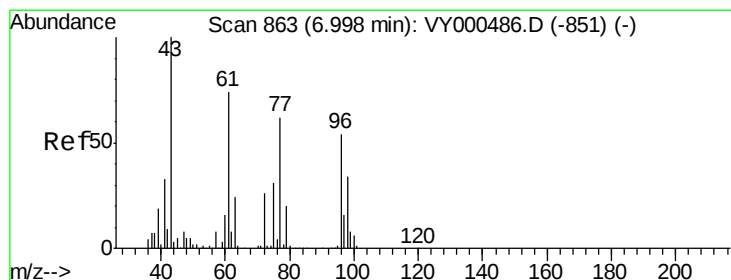
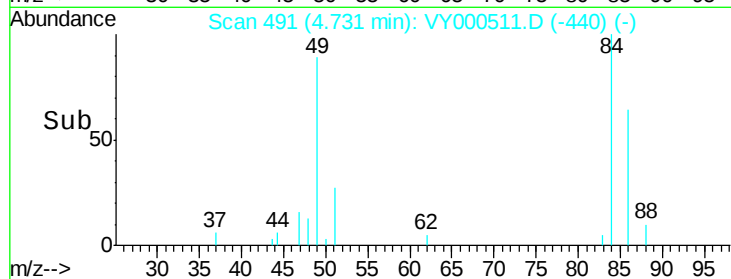
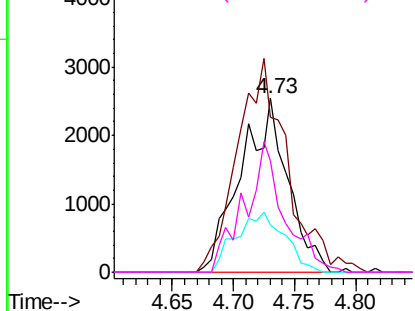


#20
Methvlene Chloride
Concen: 7.283 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

Tot Ion: 84 Resp: 6823
Ion Ratio Lower Upper
84 100
49 89.0 100.2 150.4#
51 27.2 29.6 44.4#
86 63.9 48.3 72.5

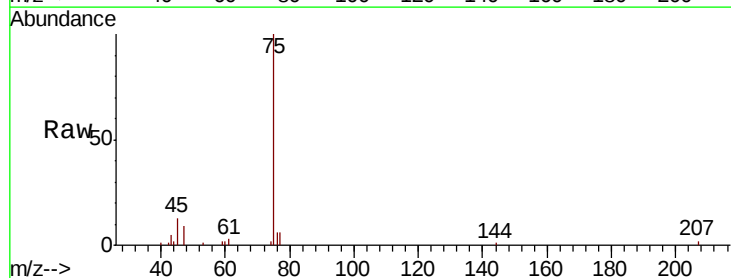


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

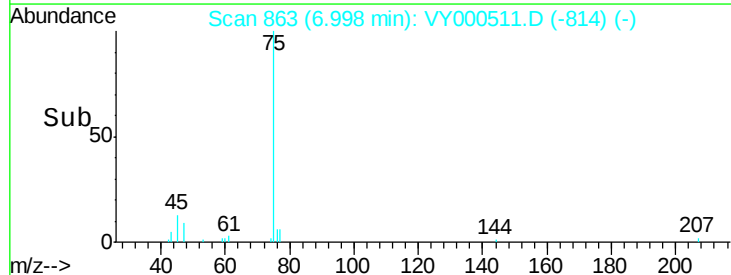
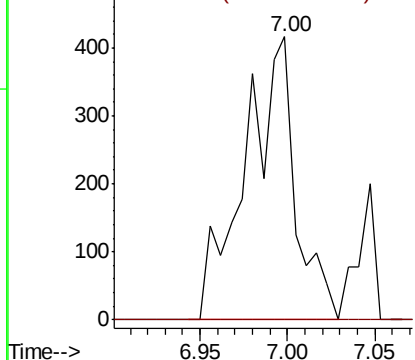


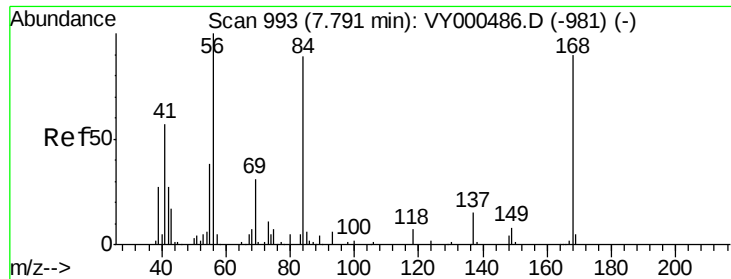
#25
2-Butanone
Concen: 2.390 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



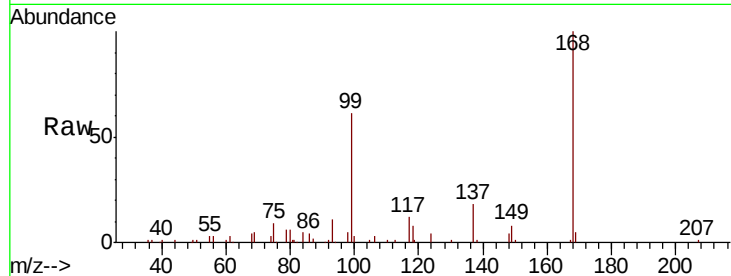
Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



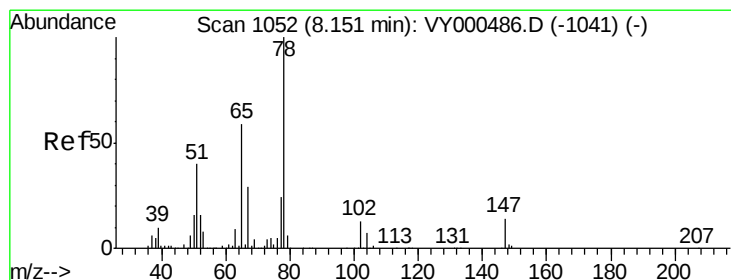
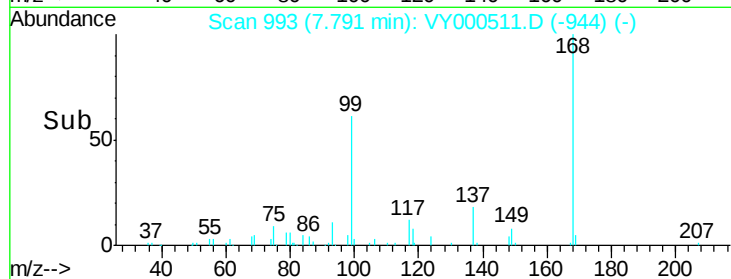
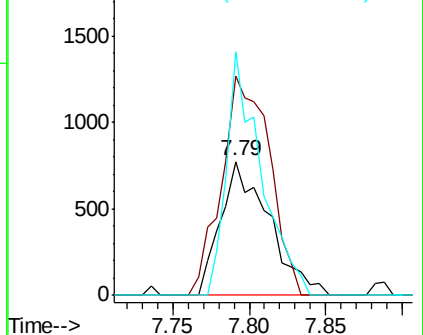


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

Tot Ion: 56 Resp: 1698
Ion Ratio Lower Upper
56 100
69 163.4 25.0 37.6#
84 181.9 71.4 107.2#

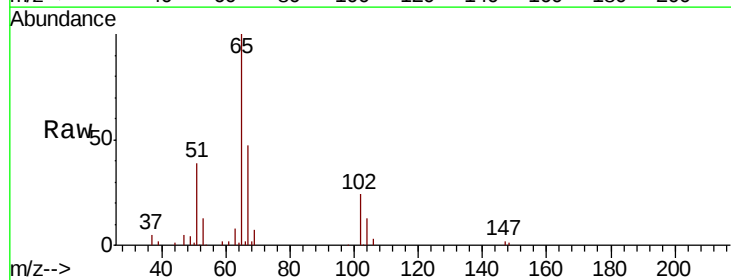


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

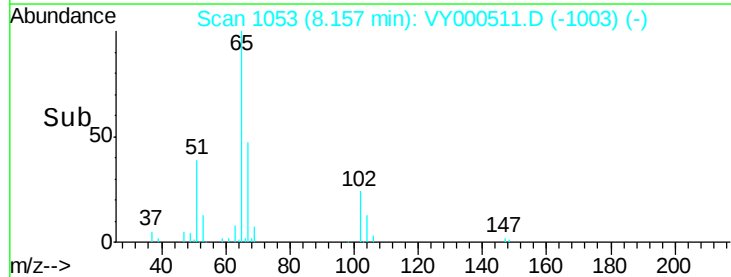
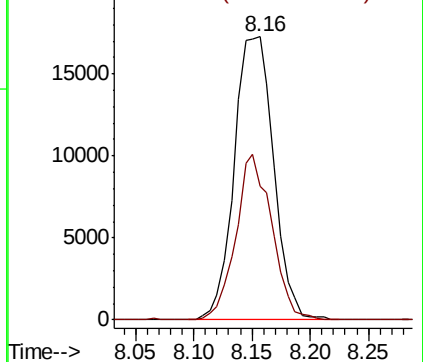


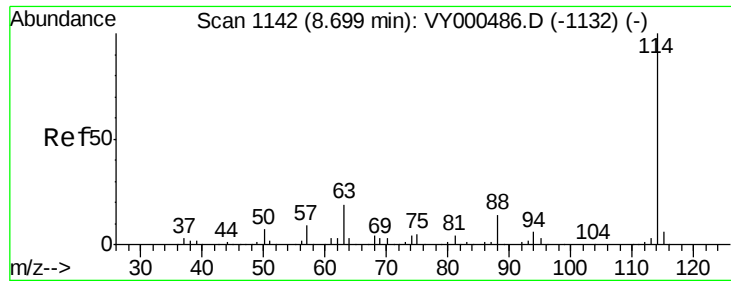
#33
1,2-Dichloroethane-d4
Concen: 51.436 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

Tgt Ion: 65 Resp: 40805
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



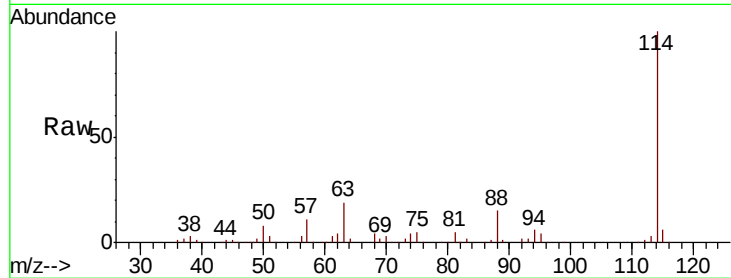
Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0



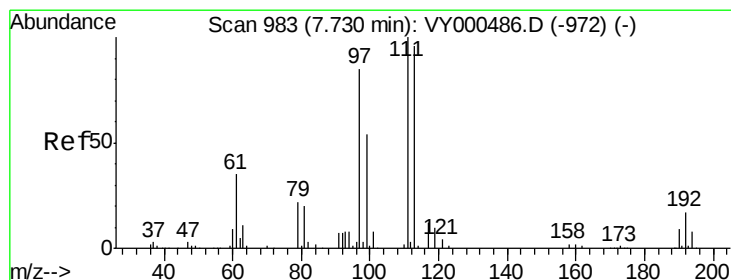
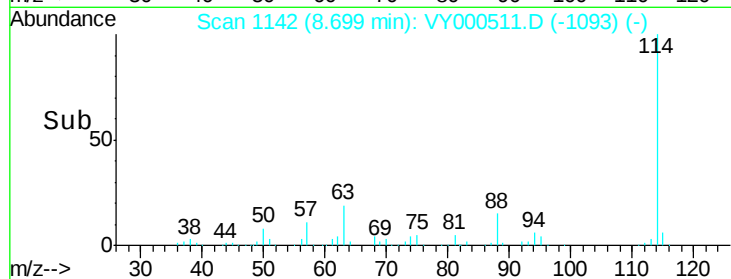
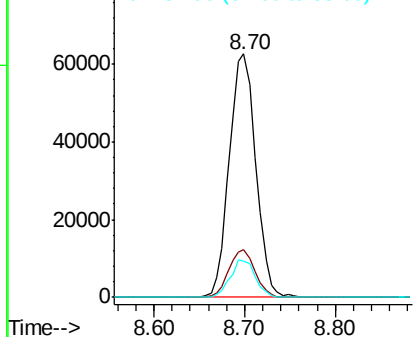


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

Tot Ion:114 Resp: 127282
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 14.9 0.0 28.6

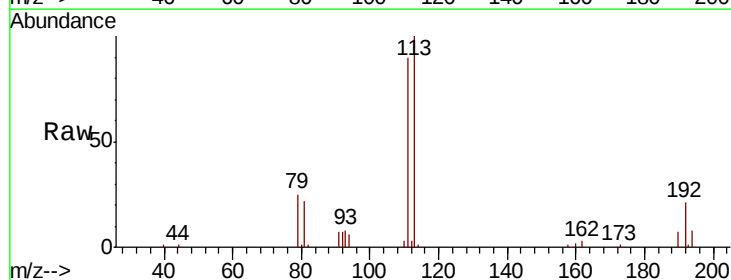


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

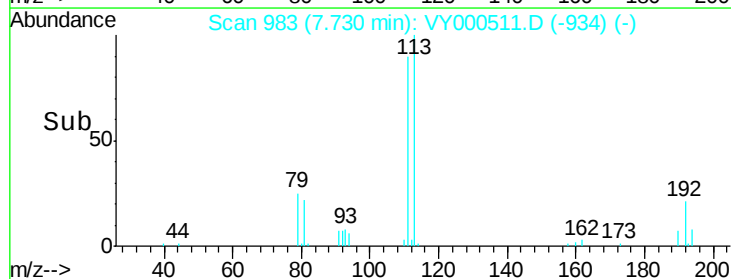
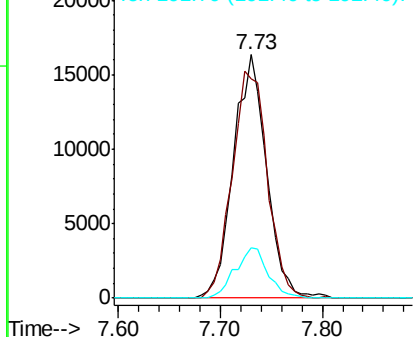


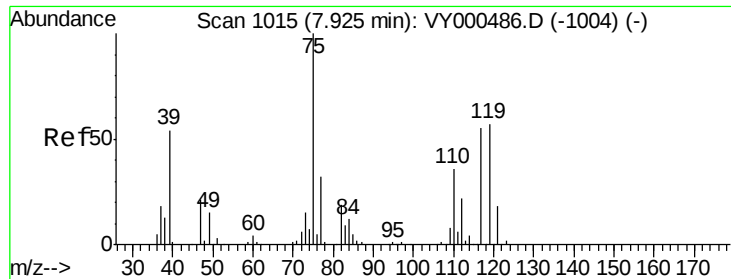
#35
 Dibromofluoromethane
 Concen: 49.214 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

Tgt Ion:113 Resp: 36774
 Ion Ratio Lower Upper
 113 100
 111 99.2 81.7 122.5
 192 20.3 15.0 22.4



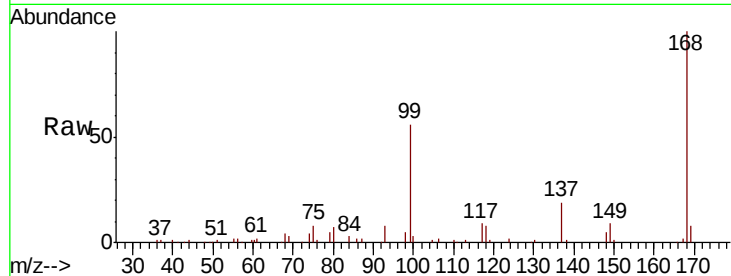
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36
 1,1-Dichloropropene
 Concen: 5.057 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

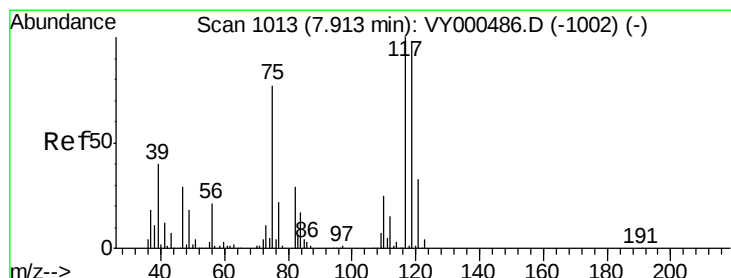
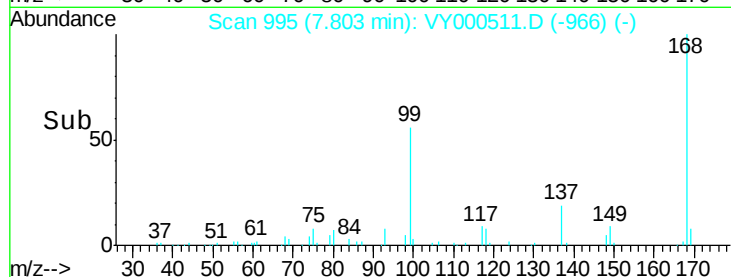
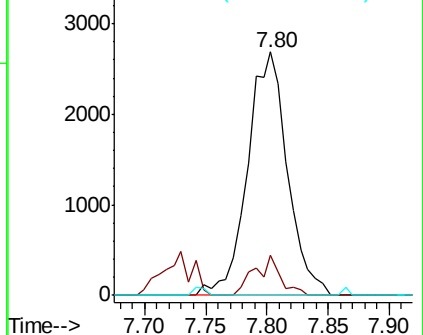
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.1#
77	0.0	25.0	37.6#



Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1004) (-)

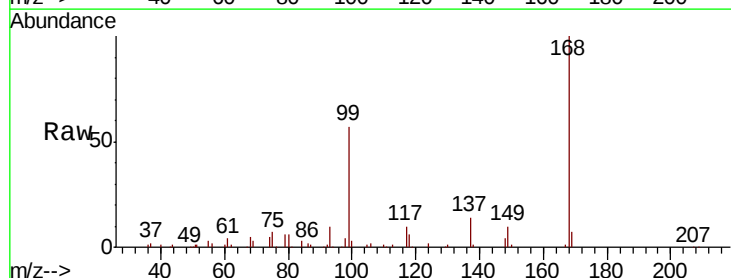
Ion 109.90 (109.60 to 110.60): VY000486.D (-1004) (-)

Ion 76.90 (76.60 to 77.60): VY000486.D (-1004) (-)



#38
 Carbon Tetrachloride
 Concen: 6.610 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

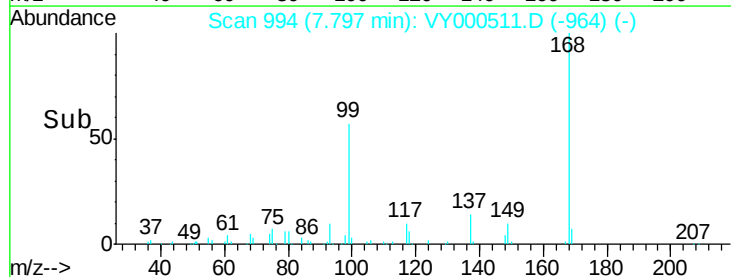
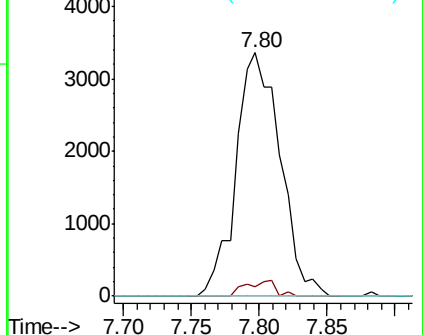
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.0	117.0#
121	0.0	26.6	40.0#

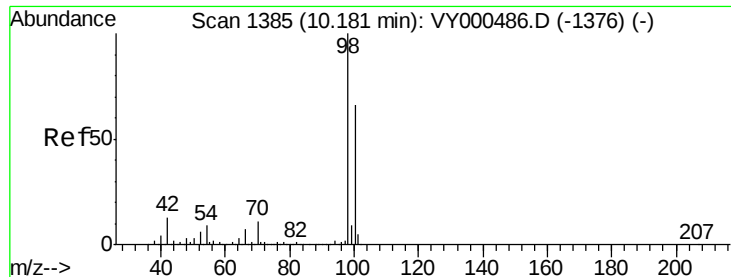


Abundance Ion 116.80 (116.50 to 117.50): VY000486.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000486.D (-1002) (-)

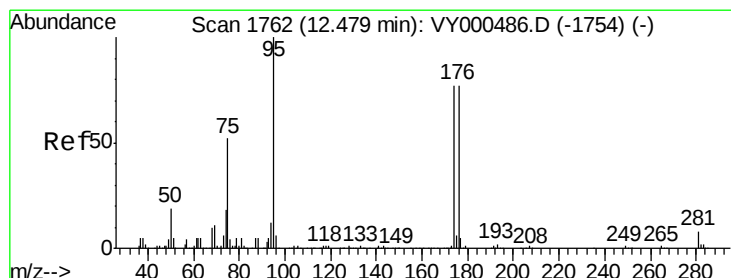
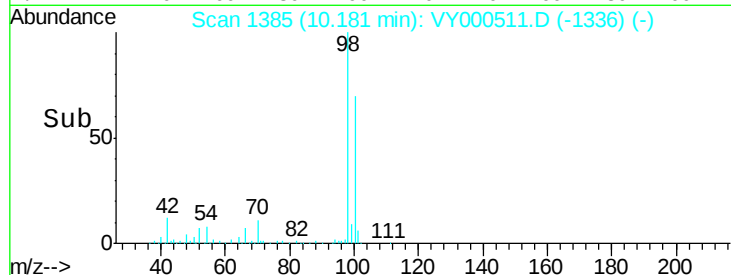
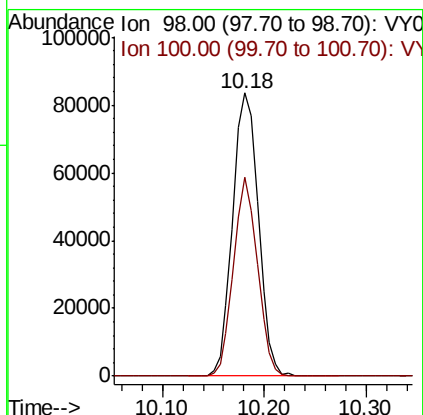
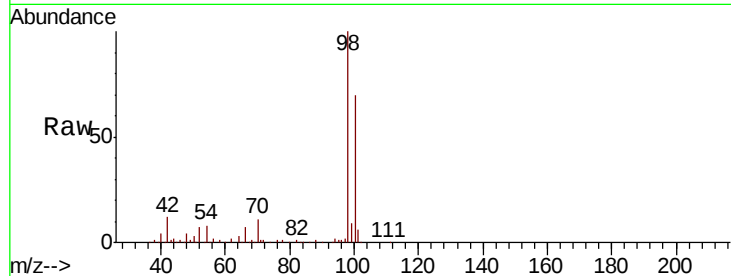
Ion 120.80 (120.50 to 121.50): VY000486.D (-1002) (-)





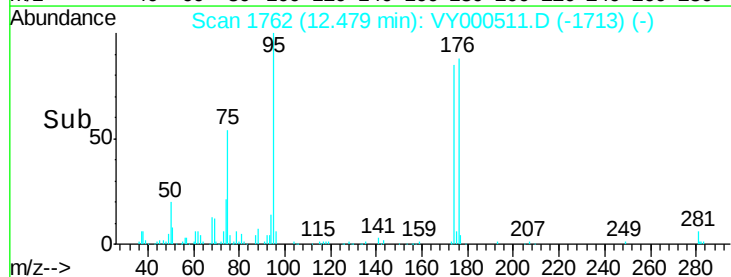
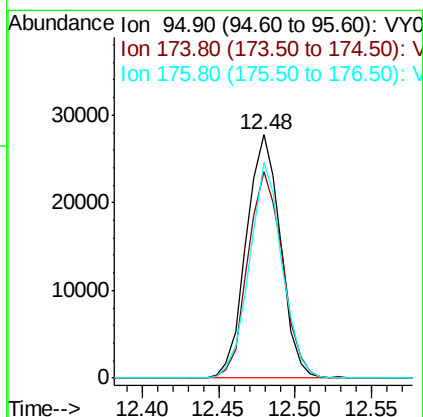
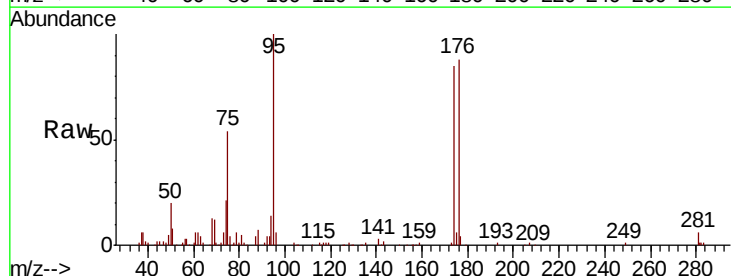
#50
Toluene-d8
Concen: 51.310 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

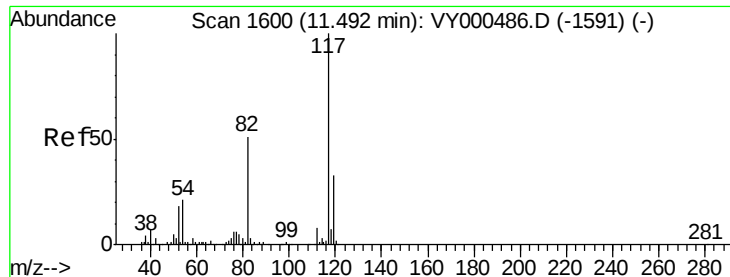
Tot Ion: 98 Resp: 145481
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 39.911 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

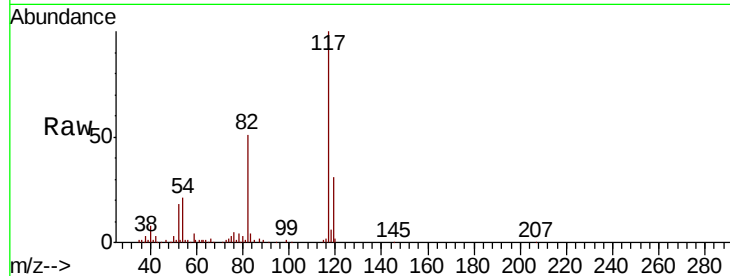
Tgt Ion: 95 Resp: 43080
Ion Ratio Lower Upper
95 100
174 87.0 0.0 161.6
176 85.2 0.0 157.8



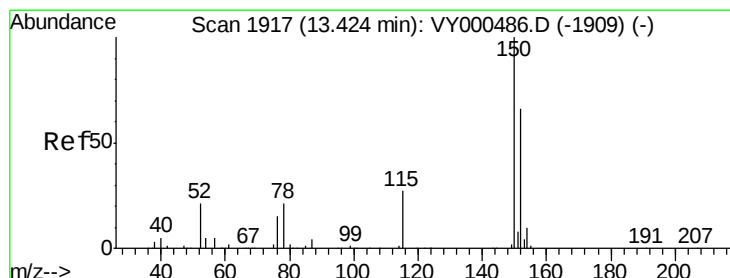
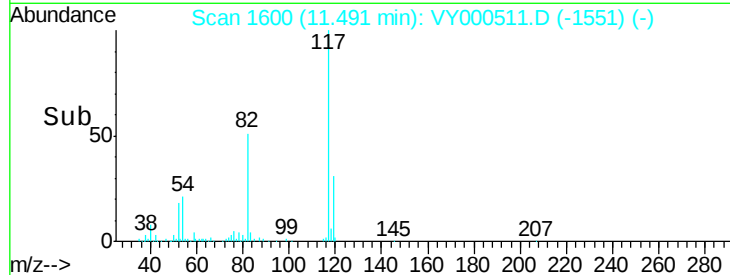
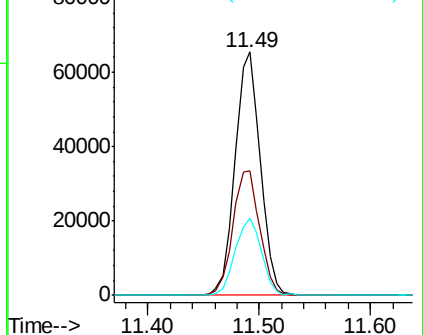


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

Tot Ion:117 Resp: 102881
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 31.5 26.2 39.2

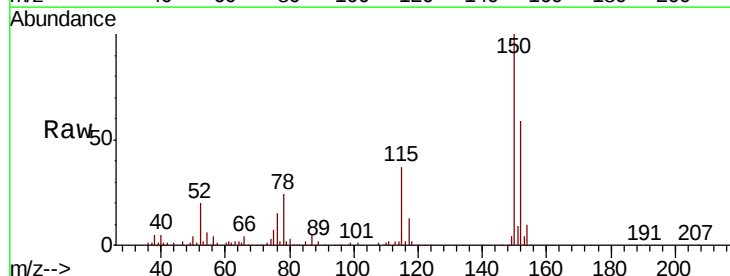


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

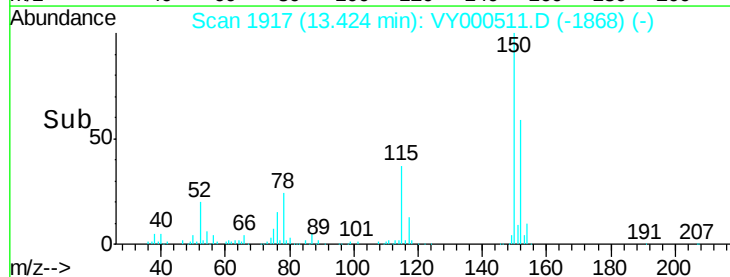
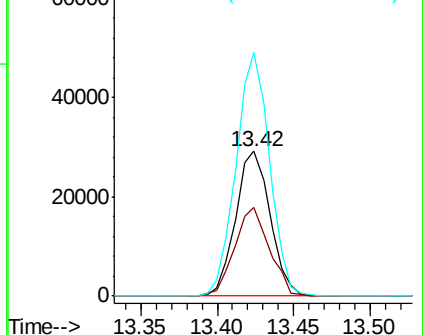


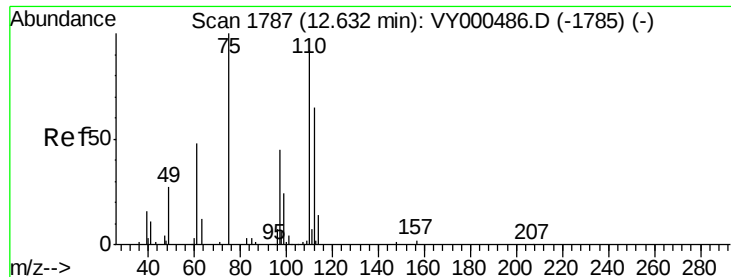
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

Tgt Ion:152 Resp: 45809
Ion Ratio Lower Upper
152 100
115 61.8 29.1 87.4
150 162.7 0.0 348.8



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: 43.957 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000511.D

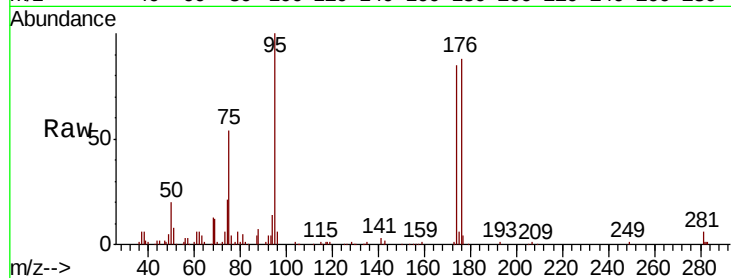
Acq: 31 Oct 2019 18:07

Tot Ion: 75 Resp: 22928

Ion Ratio Lower Upper

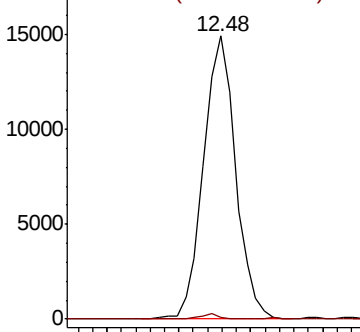
75 100

77 1.0 0.0 0.0#

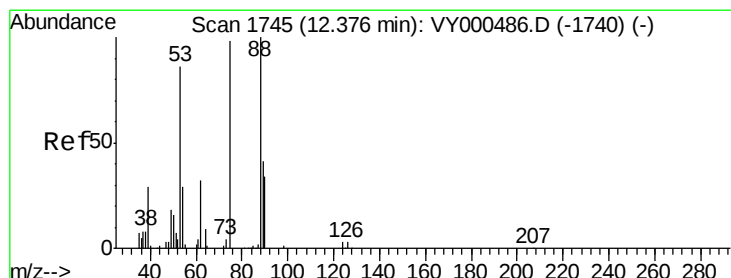
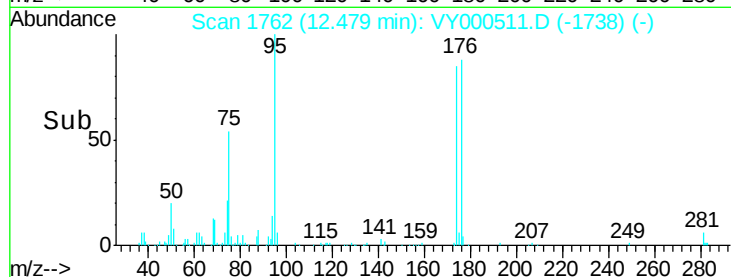


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 98.558 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000511.D

Acq: 31 Oct 2019 18:07

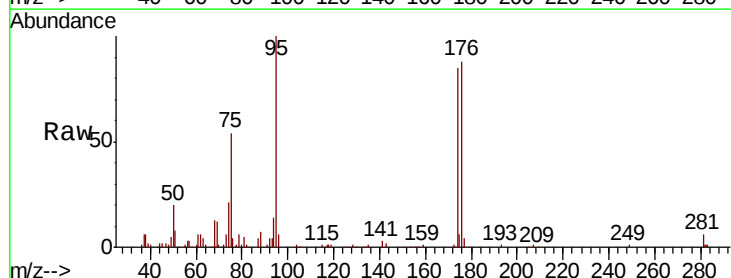
Tgt Ion: 75 Resp: 22928

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

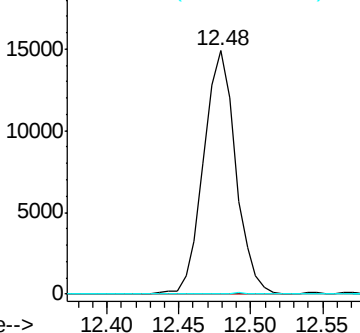
89 0.3 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



Time-->

